PLANS SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT OF WAY LINE
RIVER OR CREEK
DRY RUN
DRAINAGE DITCH
DRAIN TILE
CULVERT
DROP INLET
GUARD RAIL
BARBED WIRE FENCE
WOVEN WIRE FENCE
CHAIN LINK FENCE
RAILROAD SNOW FENCE
STONE WALL OR FENCE
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER

SPRINGS
MARSH
TIMBER
ORCHARD
BRUSH
NURSERY
CATCH BASIN
FIRE HYDRANT
CATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame)
F FRAME C CONCRETE
S STONE T TILE
B BRICK ST STUCCO
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE OR METAL)
WOODEN HUB
GRAVEL PIT
SAND PIT
BORROW PIT
ROCK QUARRY

UTILITIES SYMBOLS

POWER POLE LINE
TELEPHONE OR TELEGRAPH POLE LINE
JOINT TELEPHONE AND POWER ON POWER POLES
OR TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL (TELEPHONE CABLE TERMINAL)
GAS MAIN
WATER MAIN

CONDUIT
TELEPHONE CABLE IN CONDUIT
ELECTRIC CABLE IN CONDUIT
TELEPHONE MANHOLE
ELECTRIC MANHOLE
BURIED TELEPHONE CABLE
BURIED ELECTRIC CABLE
AERIAL TELEPHONE CABLE
SEWER (SANITARY OR STORM)
SEWER MANHOLE

NOTE: SECTION NUMBERS ARE FROM THE SOUTH

PIT DATA

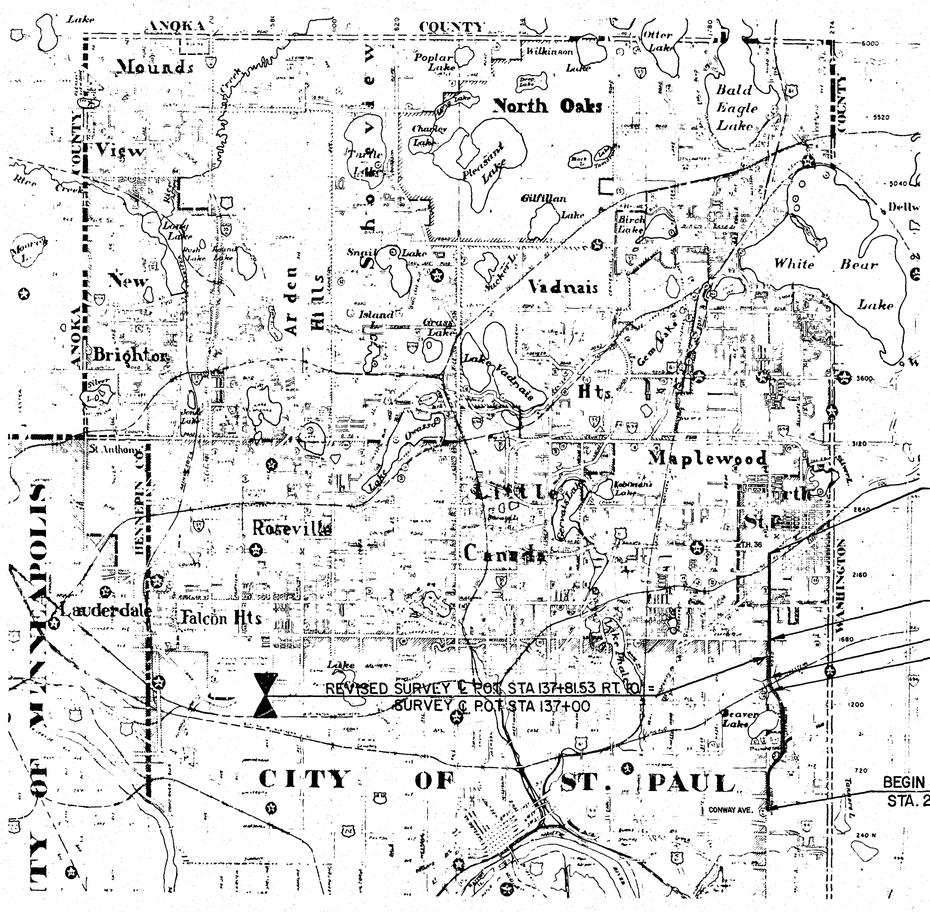
PIT NO. _____ Located in Dead Haul

PIT NO. _____ Located in Dead Haul

THE 1983 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

GROSS LENGTH	20,249.50	FEET = 3.8351	MILES
BRIDGE LENGTH	216	FEET = 0.0409	MILES
EXCEPTIONS	0	FEET = 0	MILES
NET LENGTH	20,033.50	FEET = 3.7942	MILES

PLAN 0 10 20 30 50'
PROFILE HORIZ. 0 10 20 30 50'
PROFILE VERT. 0 5 10'
CROSS SECTIONS 0 5 10'
LAYOUT MAP 5,280'

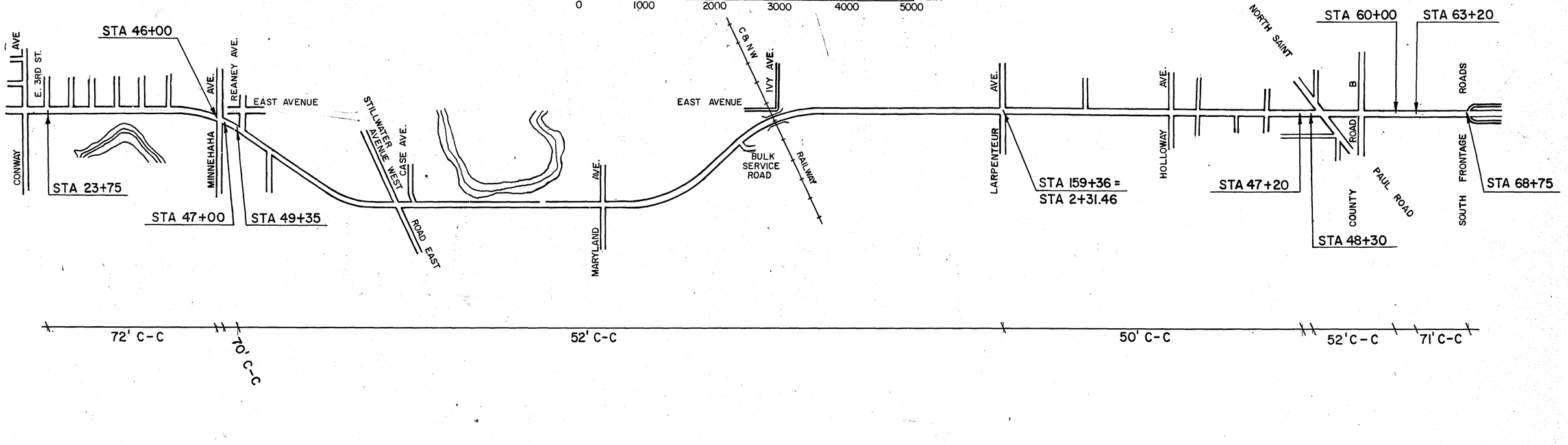

ANOKA COUNTY
HENNEPIN COUNTY
RAMSEY COUNTY
WASHINGTON COUNTY
CITY OF MINNEAPOLIS
CITY OF ST. PAUL
Mounds View
New Brighton
North Oaks
Vadnais Heights
Arden Hills
Shoreview
Roseville
Little Canada
Maplewood
North St. Paul
Lauderdale
Falcon Hts
St Anthony
Poplar Lake
Wilkinson Lake
Otter Lake
Bald Eagle Lake
Turtle Lake
Chapley Lake
Moreland Lake
Gilfillan Lake
Birch Lake
Snail Lake
Island Lake
Grass Lake
Lake Vadnais
White Bear Lake
Lake Phalen
Beaver Lake
Owasso Creek
Rice Creek
Snail Lake Creek
Trout Brook
Lake Johanna
Lake Owasso
Lake Wabasso
Lake Gervais
Lake Josephine
Lake Valentine
Lake Emily
Lake Judy
Lake Sandra
Lake Wasserman
Lake Kohlman
Lake Ambush
Lake Ann
Lake Mary
Lake Turtle
Lake Gilfillan
Lake Snail
Lake Island
Lake Grass
Lake Vadnais
Lake Phalen
Lake Beaver

REVISIONS	DATE	BY	REVISIONS	DATE	BY

APPROXIMATE SCALES

0 1/8 1/4 1/2 1 MILES

0 1000 2000 3000 4000 5000 FEET



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Larry K. Feldhahn

Date 5-16-89 Reg. No. 13501

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Date _____ Reg. No. _____

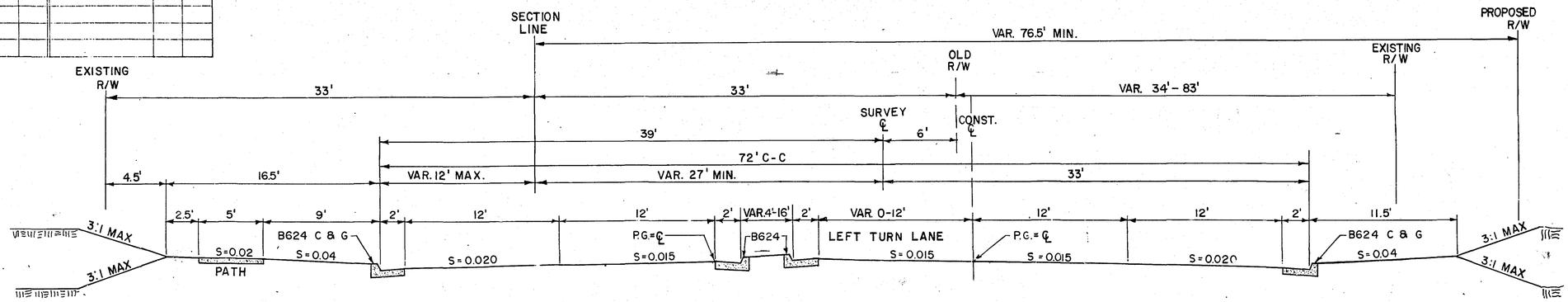
McKNIGHT ROAD PROJECT TYPICAL SECTIONS

STATE AID PROJ. NO. 62-668-20 SHEET NO. 2 OF 53 SHEETS

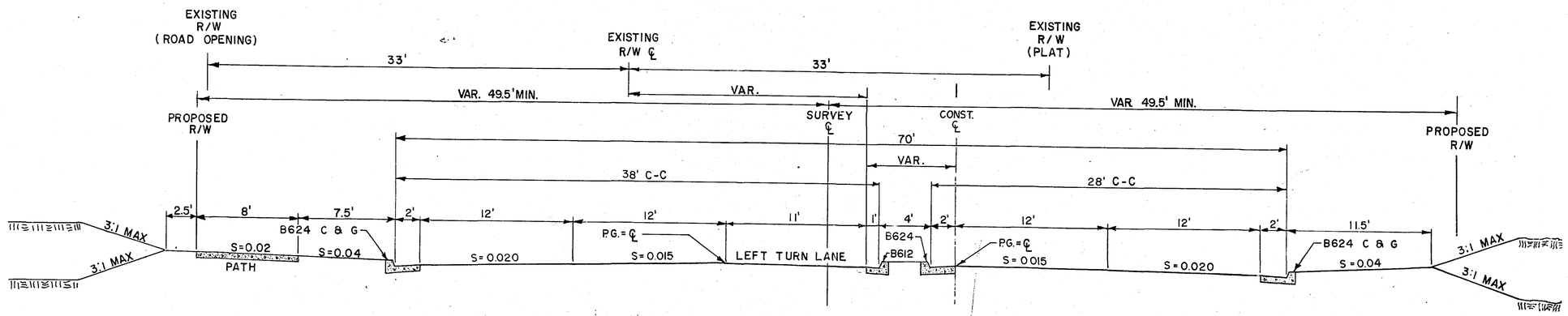
28-103

REVISIONS	DATE	BY	REVISIONS	DATE	BY

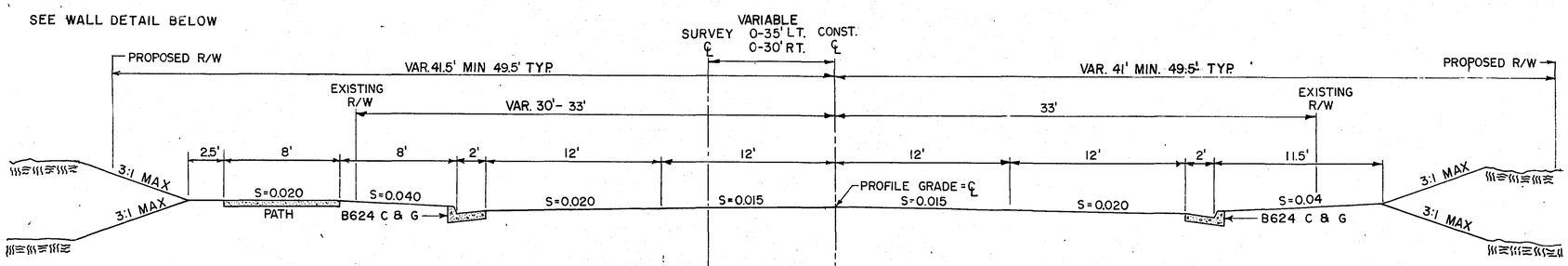
MC KNIGHT ROAD TYPICAL SECTIONS



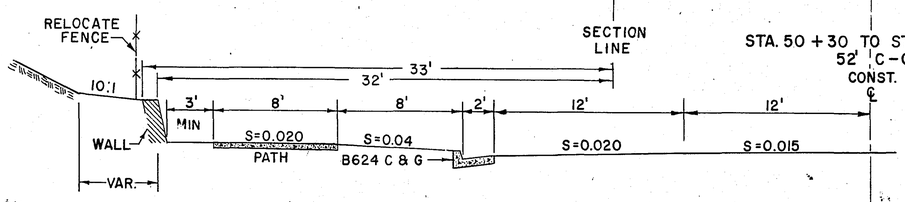
STA. 23+75 TO STA. 46+00 (MINNEHAHA AVENUE)
72' C-C



STA. 47+00 TO STA. 49+35
70' C-C



STA. 50+30 TO STA. 159+36 (LARPENTEUR AVENUE)
52' C-C



WALL DETAIL - LEFT
STATION 135+05 to 136+10
139+00 to 143+75
144+40 to 146+25
148+00 to 148+75

STA. 135+05 TO 148+75 LT.
WALL DETAIL
52' C-C

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Date _____ Reg. No. _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

Larry K. Fiddler

DATE 3-29-84 REG NO 13501

McKNIGHT ROAD TYPICAL SECTIONS

STATE AID PROJ. NO. 62-668-20

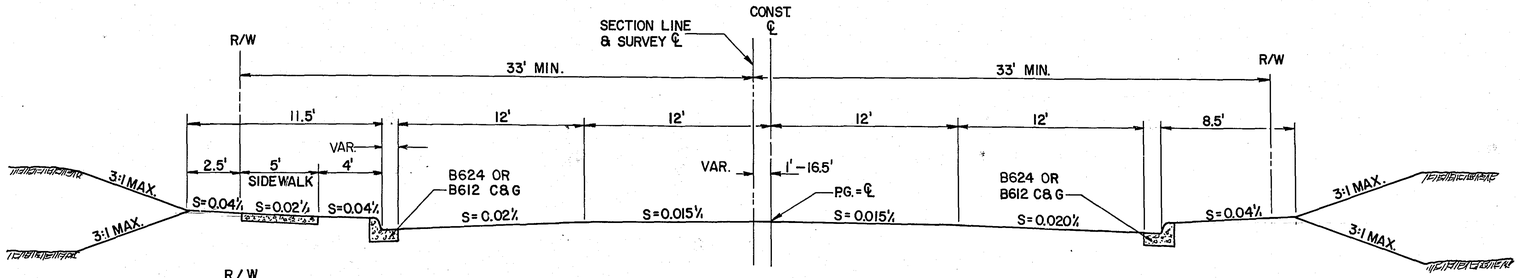
SHEET NO. 3 OF 53 SHEETS

28-103

REVISED	DATE	
		DESIGNED BY
		DR. WN. BY
		CHECKED BY

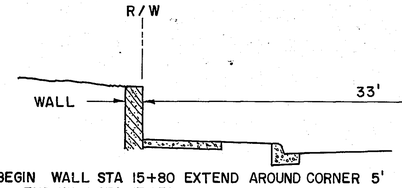
McKNIGHT ROAD

McKNIGHT ROAD SURVEY ℄ FROM SOUTH STA 159+36.1 =
McKNIGHT ROAD SURVEY ℄ TO NORTH STA. 2+31.46



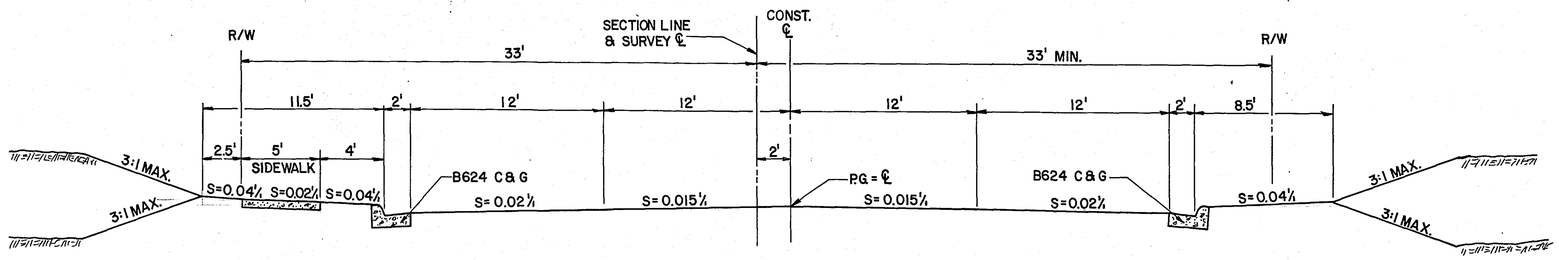
STA. 2+31.46 to STA. 47+20
50'-52' C-C

B624 C&G STA 2+31.46 TO STA 4+20
B612 C&G STA 4+60 TO STA 47+20

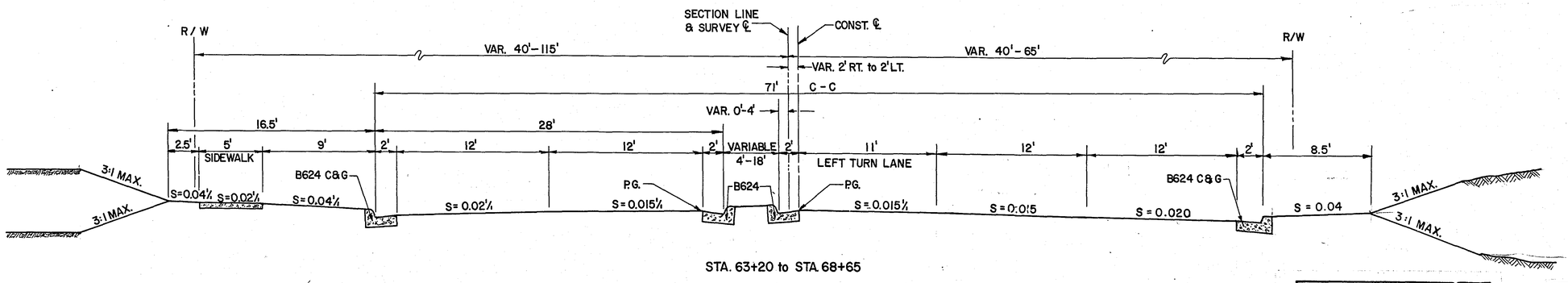


BEGIN WALL STA 15+80 EXTEND AROUND CORNER 5'
END WALL STA 17+30

STA 15+80 TO STA 17+30
WALL DETAIL LT.
52' C-C



STA. 48+30 to STA. 60+00
52' C-C



STA. 63+20 to STA. 68+65
71' C-C

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Date _____ Reg. No. _____

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Larry K. Feldhahn

Date 5-16-84 Reg. No. 13501

McKNIGHT ROAD TYPICAL SECTIONS

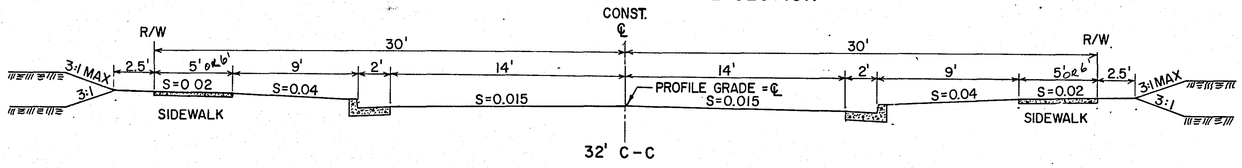
S.A.P. NO. 62-668-20 Sheet No. 4 of 53 Sheets

28-103

REVISIONS	DATE	BY	REVISIONS	DATE	BY

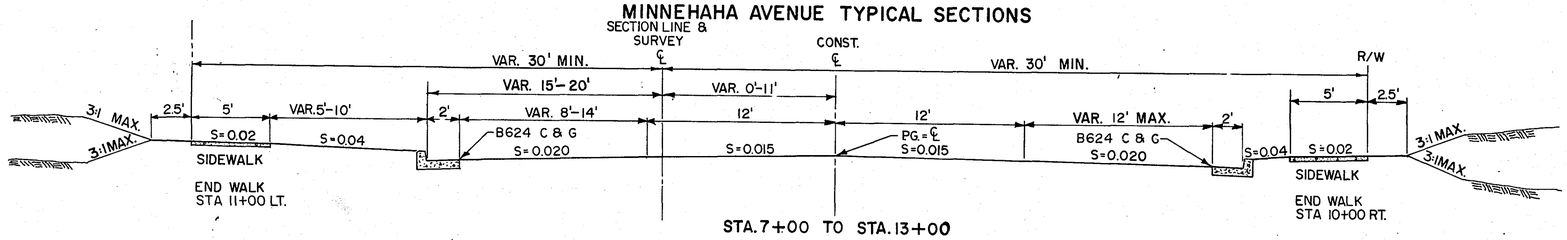
4TH ST. HAS AN EXIST. 6' SIDEWALK ON BOTH SIDES
5TH ST. HAS AN EXIST 6' SIDEWALK ON BOTH SIDES

4TH & 5TH STREET TYPICAL SECTION

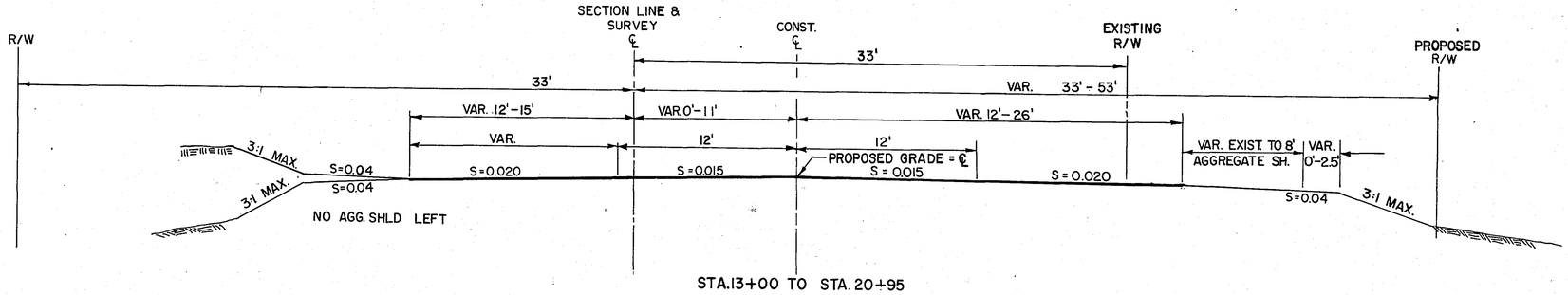


32' C-C

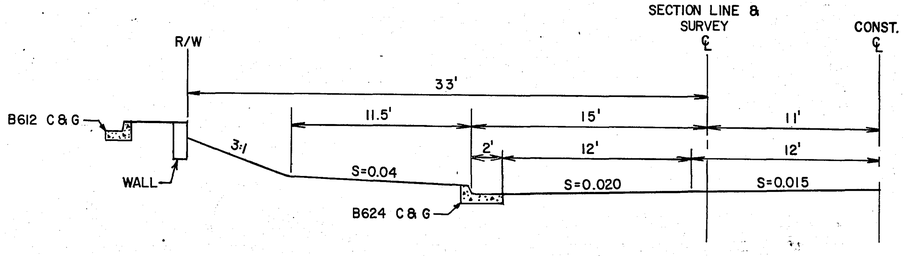
MINNEHAHA AVENUE TYPICAL SECTIONS



STA. 7+00 TO STA. 13+00
52' C-C



STA. 13+00 TO STA. 20+95



WALL TYPICAL STA. 12+75 TO STA. 13+35

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Date _____ Reg. No. _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Harry K. Feldhaus

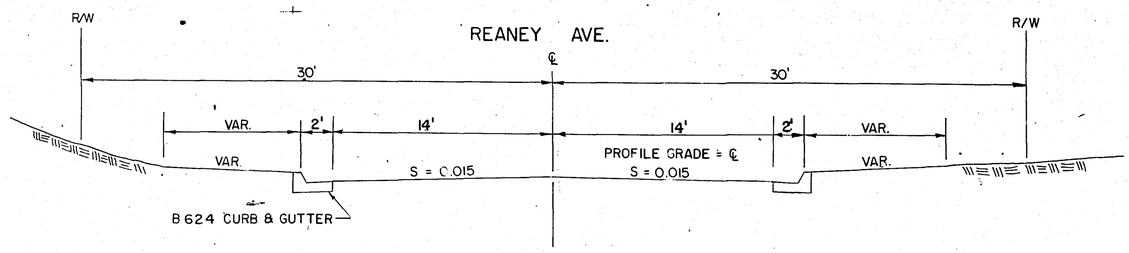
DATE 3-29-84 REG NO 13501

4TH, 5TH STREET, MINNEHAHA AVENUE - TYPICAL SECTIONS

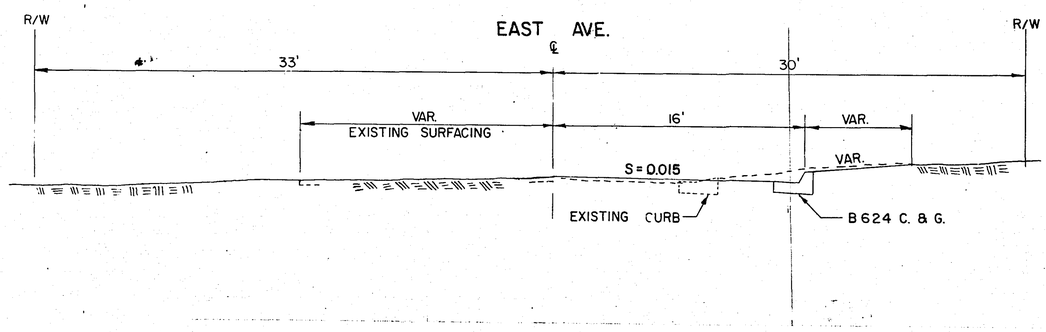
STATE AID PROJ. NO. 62-668-20 SHEET NO. 5 OF 53 SHEETS

28-103

REVISIONS	DATE	BY	REVISIONS	DATE	BY



32' C-C



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Larry K. Fullhart

DATE 3-29-84 REG. NO. 13501

REANEY AVE., EAST AVE. TYPICAL SECTIONS

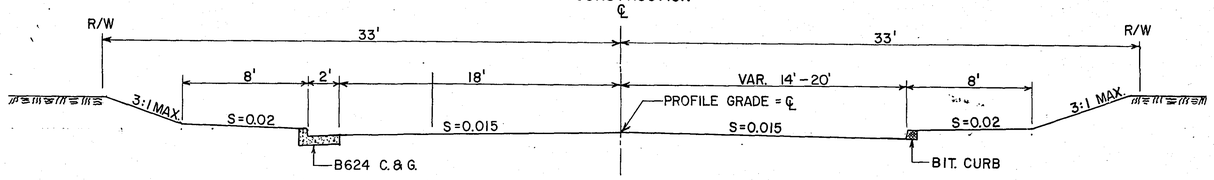
STATE AID PROJ. NO. 62-668-20 SHEET NO. 6 OF 53 SHEETS

28-103

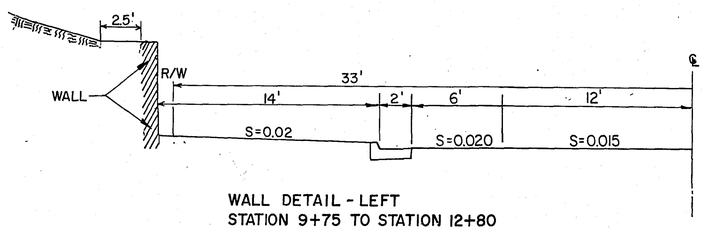
REVISIONS	DATE	BY	REVISIONS	DATE	BY

STILLWATER AVENUE TYPICAL SECTIONS

CONSTRUCTION

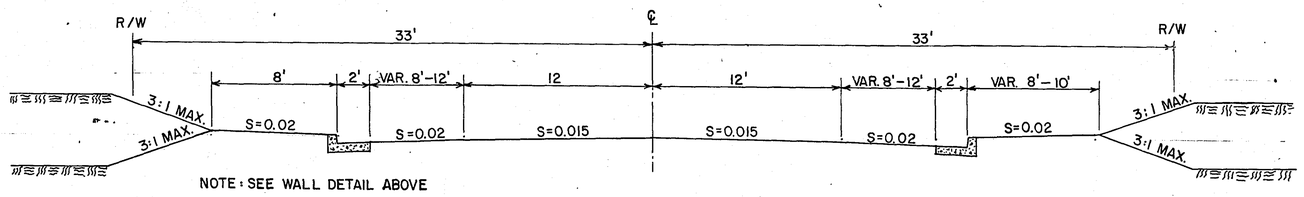


STATION 8+30 TO STATION 9+50
STILLWATER AVENUE



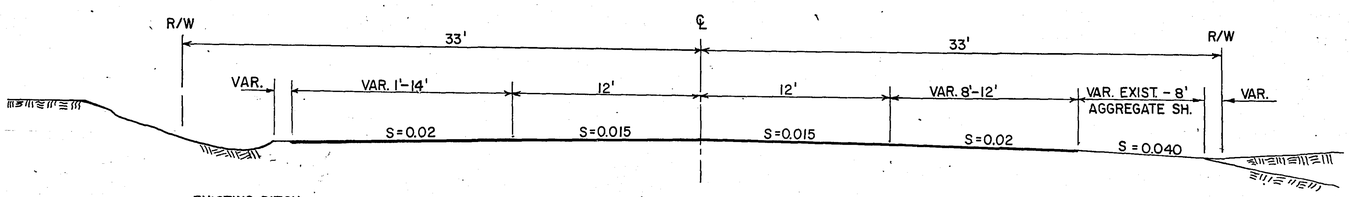
WALL DETAIL - LEFT
STATION 9+75 TO STATION 12+80

STILLWATER AVENUE



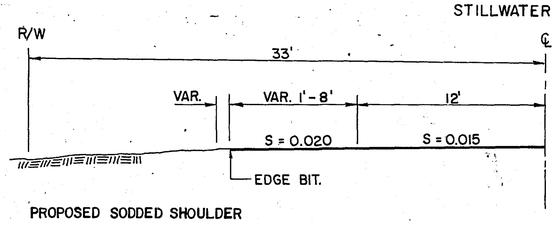
NOTE: SEE WALL DETAIL ABOVE

STATION 9+50 TO STATION 18+40
STILLWATER AVENUE
STILLWATER ROAD
52' C-C



EXISTING DITCH
PROPOSED SODDED SHOULDER

STATION 18+40 TO STATION 21+00 RT.
19+90 LT.
STILLWATER ROAD



PROPOSED SODDED SHOULDER

STATION 19+90 TO STATION 21+00 LT.
STILLWATER ROAD

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Date _____ Reg. No. _____

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Harry K. Feldhaus

DATE 3-29-84 REG NO 13501

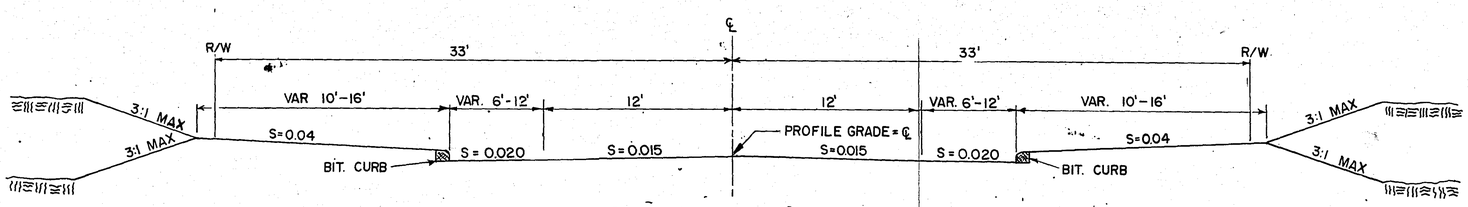
STILLWATER AVENUE WEST, STILLWATER ROAD EAST TYPICAL SECTIONS

STATE AID PROJ. NO. 62-668-20 SHEET NO. 7 OF 53 SHEETS

28-103

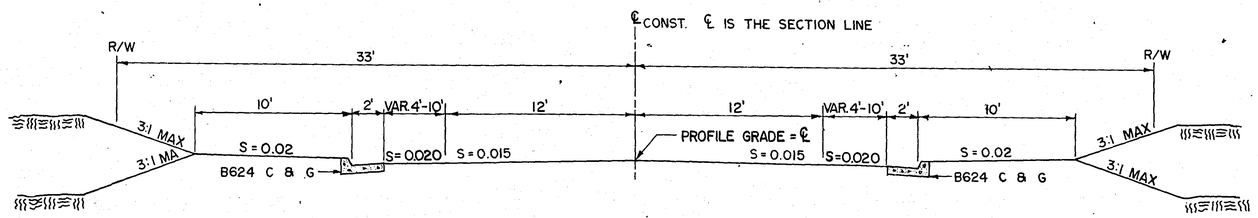
REVISIONS	DATE	BY

MARYLAND AVE. TYPICAL SECTIONS



STA. 9+50 TO STA. 11+40

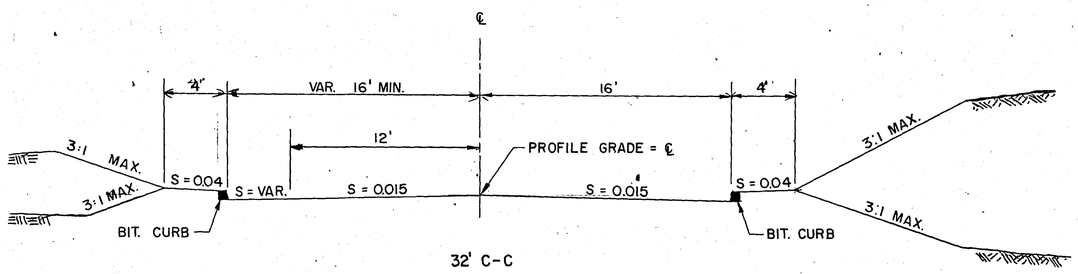
48' C-C



STA. 11+40 TO STA. 16+15

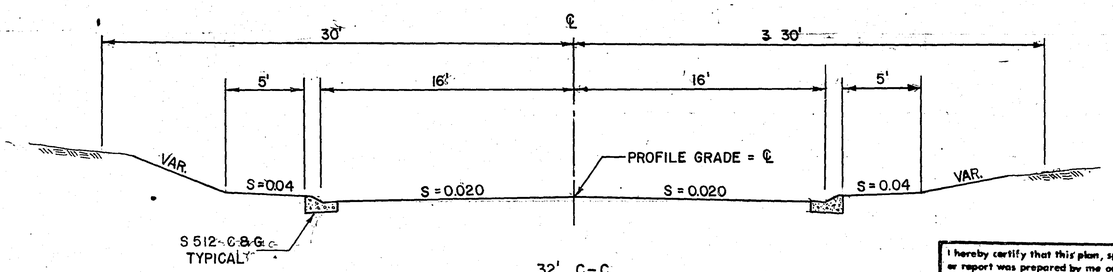
48' C-C

BULK SERVICE ROAD



32' C-C

MONTANA AVENUE



32' C-C

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Larry K. Fellah

Date 5-18-84 Reg. No. 13501

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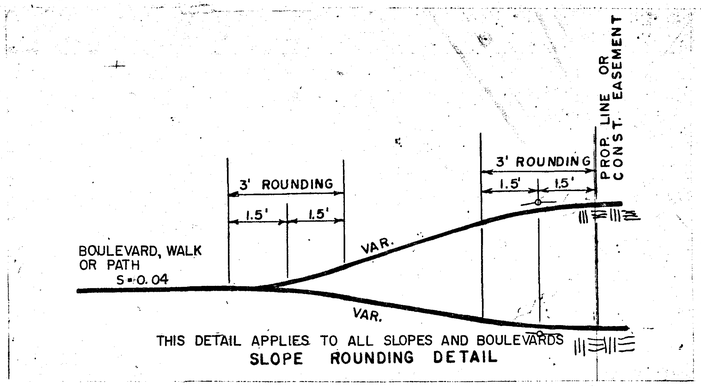
Date _____ Reg. No. _____

MARYLAND AVENUE, BULK SERVICE ROAD, MONTANA AVENUE

STATE AID PROJ. NO. 62-668-20 SHEET NO. 8 OF 53 SHEETS

28-103

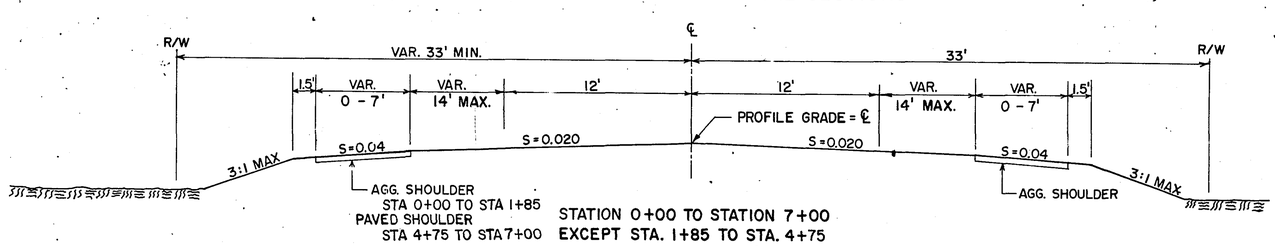
REVISIONS	DATE	BY	REVISIONS	DATE	BY



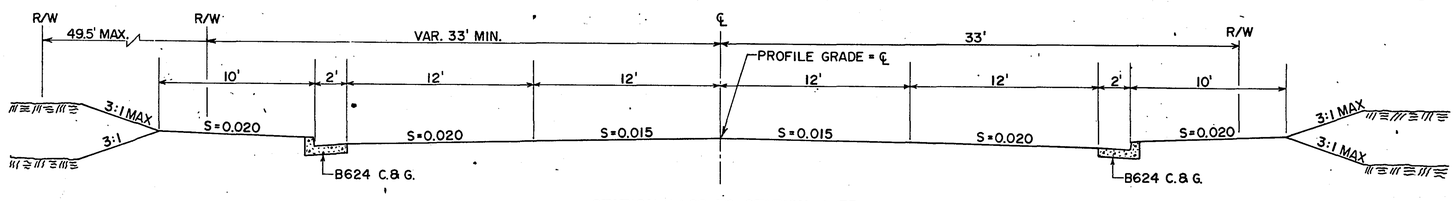
THIS DETAIL APPLIES TO ALL SLOPES AND BOULEVARDS

SLOPE ROUNDING DETAIL

LARPENTEUR AVENUE TYPICAL SECTIONS



STATION 0+00 TO STATION 7+00
EXCEPT STA. 1+85 TO STA. 4+75



STATION 1+85 TO STATION 4+75

52' C-C

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Date _____ Reg. No. _____

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Larry K. Fobbe

DATE 3-29-84 REG NO 13501

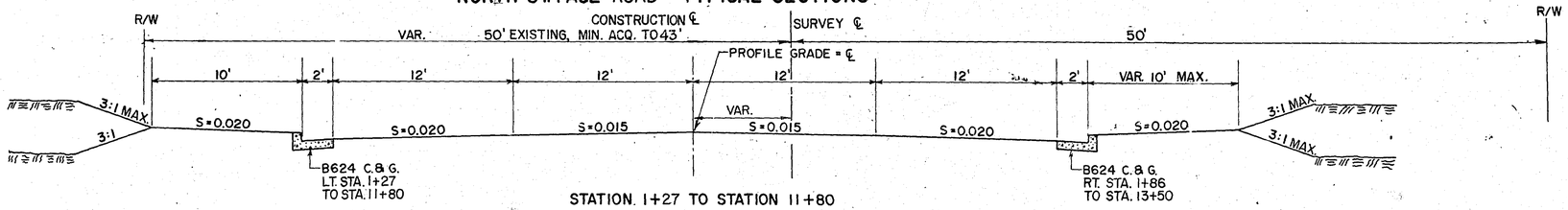
LARPENTEUR AVENUE TYPICAL SECTIONS

STATE AID PROJ. NO. 62-668-20 SHEET NO. 9 OF 53 SHEETS

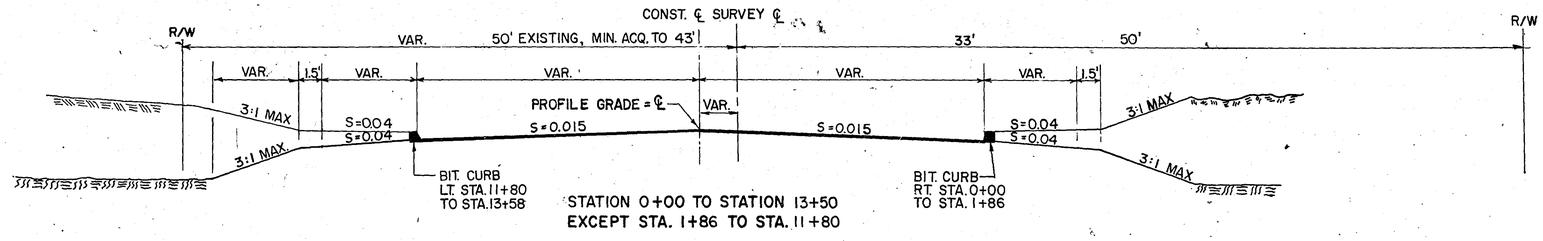
28-103

REVISIONS	DATE	BY	REVISIONS	DATE	BY

NORTH ST. PAUL ROAD TYPICAL SECTIONS

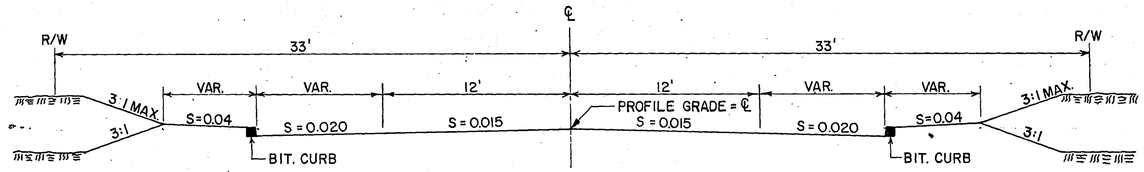


STATION 1+27 TO STATION 11+80
52' C-C

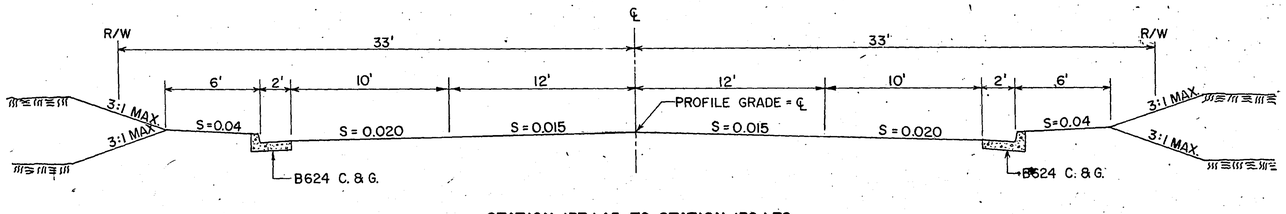


STATION 0+00 TO STATION 13+50
EXCEPT STA. 1+86 TO STA. 11+80

COUNTY ROAD "B" TYPICAL SECTIONS



STATION 136+60 TO STATION 141+00
EXCEPT STA. 137+45 TO 139+70 RT. &
EXCEPT STA. 136+60 TO 139+70 LT.



STATION 137+45 TO STATION 139+70

48' C-C

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

Date _____ Reg. No. _____

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Harry K. Tebbe

DATE 3-29-84 REG NO 13501

NORTH ST. PAUL ROAD, COUNTY ROAD "B" TYPICAL SECTIONS

STATE AID PROJ. NO. 62-668-20 SHEET NO. 10 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

SCALE

PARCEL NO. 1
HUGH P. CONNELLY
ESTHER S. CONNELLY
FIRST GRAND AVENUE STATE BANK OF ST. PAUL
STA. 20+08.95
LOT 28, BLOCK 6 FOOSHES EAST HOME ADDITION NO. 3

PARCEL NO. 2
RICHARD M. McMAHON
FIRST STATE BANK OF SAINT PAUL
LOT 1, BLOCK 6 FOOSHES EAST HOME ADDITION NO. 3

PARCEL NO. 3
SANDRA J. WAHLBERG AND CAROLYN M. BRADLEY
NORTHERN FEDERAL SAVINGS AND LOAN ASSOCIATION
LOT 20, BLOCK 7 FOOSHES EAST HOME ADDITION NO. 3

PARCEL NO. 4
KENNETH MYERS
GAIL JEAN MYERS
SAINT PAUL
LOT 1, BLOCK 7 FOOSHES EAST HOME ADDITION NO. 3

PARCEL NO. 5
WILFORD W. BARTLEY
ARLENE C. BARTLEY
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
ROY M. DUROW and LUCILE A. DUROW
LOT 25, BLOCK 8 FOOSHES EAST HOME ADDITION NO. 4

PARCEL NO. 6
ROBERT A. SCHLUETER and LOIS H. SCHLUETER
AETNA LIFE INSURANCE COMPANY
LOT 1, BLOCK 8 FOOSHES EAST HOME ADDITION NO. 4

THIRD ST. 80'
FREMONT AVE. 30' 60'
CONWAY AVENUE
McKNIGHT RD
MAPLEWOOD
SEE SHEET NO. 35
MATCH LINE STA. 51+89
Ho. 2258 TH.
Ho. 2259 TH.
Ho. 2256 FRE.
Ho. 2257 FRE.
Ho. 2258 4th
Gar.
SECTION LINE
SURVEY BASE LINE
SURVEY LINE
89° 56' 20"
T-BUR
EXIST. BIT.
B624 C & G
8" H.P.
GAS
M.H.
H.H.
CB
C.B.
G
GV
WALL
CONST. LIMITS
REVISED CONST LIMITS
PROFILE GRADE LINES
PROPERTY LINE
CONST. ℄
REMOVE OR ABANDON PIPE
REMOVE OR ABANDON P.L. ℄
5' CONC. SIDEWALK
TAPER TO MATCH EXISTING C. & G.
35' TO FC. EXISTING
+75 BEGIN TAPER
+50 END TAPER RT. +55 END TAPER IN MEDIAN
+42 BEGIN TAPER
+62 END TAPER
℄ CURVE ON CURB TO SOFTEN TAPER POINT
STA. 20+09.14 BEGIN PROJECT
STA. 52+66.80 THIRD ST. = STA. 23+30.14 McKNIGHT RD. SURVEY ℄
DOC. NO. 569746

PARCEL NO. 85
MINNESOTA MINING AND MANUFACTURING COMPANY

NOTE: UNLESS OTHERWISE NOTED CITY OF ST. PAUL SEWERS ARE COMBINED SANITARY AND STORM.

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

+30 M.H. +22 M.H. +30 M.H.
RECONSTRUCT M.H. NEW INV. EL. 974.2±
16 L.F. 15" R.C.P. EL. 974.0
REMOVE OR ABANDON 30 L.F. EXISTING COMBINATION SEWER
CONSTRUCT M.H. OVER EXISTING COMBINATION SEWER ON THIRD ST.

+90 M.H. +22 M.H. +30 M.H. +86 C.B.
EXISTING GRADE
PROFILE GRADE
+50 EL. 84.70
+50 P.I. EL. 988.08
+3.38%
+4.30%
EL. 977.06
EL. 974.0
EL. 972.21
64 L.F. 15" R.C.P.
EL. 977.05
322 L.F. 15" R.C.P. @ 3.4%
+53 M.H.
+87 C.B. — REMOVE
+07 C.B. +07 C.B.
80 L.F. 15" R.C.P. @ 1.0%
988.17
988.0
988.8
REMOVE OR ABANDON EXISTING C.B. LEAD
980.54 EXISTING COMBINED SANITARY AND STORM SEWER
PC +75

1005 1000 995 990 985 980
20 21 22 23 24 25 26 27 28 29

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fellbaum
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
F. R. Fredera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 11 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 7
HAROLD H. KIRCHOFF
BETTY J. KIRCHOFF

PARCEL NO. 8
GEORGE F. PENNAS AND SHIRLEY A. PENNAS
CITY AND COUNTY EMPLOYEES CREDIT UNION
PUBLIC HOUSING AGENCY OF THE CITY OF SAINT PAUL, MINNESOTA

SCALE 10 30 50

FOOSHES EAST HOME ADDITION NO. 4
LOT 1, BLOCK 3
(SEE SHT. NO. 36)

REGISTERED LAND SURVEY NO. 104
LOT 17, BLOCK 9
TRACT "VV"
TRACT "UU"
(SEE SHT. NO. 36)

ROBERT L. WARES EASTERN HEIGHTS
LOT 20, BLOCK 4

ACRE LOTS
LOT 1, BLOCK 4

4th ST.
5th ST.
6th ST.

STA. 9+13 MATCH LINE
STA. 9+09 MATCH LINE
MATCH

PARCEL NO. 9
FRED J. CROPSEY
JOYCE ANN CROPSEY
EASTERN HEIGHTS STATE BANK OF ST. PAUL

PARCEL NO. 10
ROSE M. LAMPRECHT
STEVEN L. VAN HOUT
MARIE T. VAN HOUT
CONSERVATIVE MORTGAGE COMPANY

PARCEL NO. 11
CARMEN A. SULLIVAN
MIDWEST FEDERAL SAVINGS AND LOAN ASSOCIATION OF MINNEAPOLIS
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF MORRIS/BECKENRIDGE

PARCEL NO. 12
ROY E. WALLIN JR.
RUTH M. WALLIN

HO. 2257
HO. 2256
GAR.

CONSTRUCT STAIRS
5' CONC. SIDEWALK
WOOD RAIL FENCE
CONSTRUCTION LIMITS
C.B.
M.H.
T-BUR
TEL. M.H.
PROFILE GRADE
SECTION LINE
SURVEY ℄
CONST. ℄
B624 C. & G.
8" H.P.
DOC. NO. 333721
DOC. NO. 569746

McKNIGHT ROAD

STA 10+00 4TH ST. SURVEY ℄ = STA 29+86.85 McKNIGHT RD SURVEY ℄

STA. 10+00 5TH ST. SURVEY ℄ = STA. 33+22.10 McKNIGHT RD. SURVEY ℄

STA. 10+00 6TH ST. SURVEY ℄ = STA. 36+46.25 McKNIGHT RD. SURVEY ℄

+45 END MEDIAN
+16 BEGIN MEDIAN
+17
+15
+80 END MEDIAN
+53 BEGIN MEDIAN
+96
+05 END MEDIAN
+77 BEGIN MEDIAN

REVISED CONST. LIMITS 10/2/87

MAPLEWOOD

NOTE: UNLESS OTHERWISE NOTED CITY OF ST PAUL SEWERS ARE COMBINED SANITARY AND STORM.

NOTE: MEDIAN ISLAND RADII 3' TO FACE OF CURB UNLESS OTHERWISE NOTED.

PARCEL NO. 85
MINNESOTA MINING AND MANUFACTURING COMPANY
PROPOSED 3M COMP. ENTRANCE

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

EXISTING GRADE
+4.30%
V.C=500'
M= 4.7625'
+25 P.I. EL. 1008.50
PROFILE GRADE = ℄
997.58
78 L.F. 15" R.C.P. @ 1.0%
996.8
-3.32%
198 L.F. 15" R.C.P. @ 3.50%
PROFILE GRADE = EDGE THRU LANE
990.04
989.87
181 L.F. 15" R.C.P. @ 3.5%
983.67
983.5
989.8
984.28
78 L.F. 15" R.C.P. @ 1.0%
983.5
P.I. +50 EL. 987.76
V.C=200'
M=0.68'
0.6%
240 L.F. 15" R.C.P. @ 0.67%

1005
1000
995
990
985
980

29 30 31 32 33 34 35 36 37 38

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fjelstad
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Rivera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 12 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

AUDITORS SUBDIVISION NO. 77

PARCEL NO. 13
ELLIS R. KLUGE
CHARLOTTE A. KLUGE
BARBARA J. VER BOUT

ROBERT
LOT 1, BLOCK 4
HO.
2256 MAR.

WARES
HO.
2255 MAR.

EASTERN HEIGHTS

PARCEL NO. 14
WILLIAM J. ROPPEAU, JR.
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

LOT 20, BLOCK 1

EASTERN
SAINT PAUL

PARCEL NO. 15
VERNON M. EIDE &
TIMOTHY M. EIDE &
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
S-I LIMITED PARTNERSHIP C.P.

ALICE L. EIDE
BEVERLY J. EIDE

LOT 1 BLOCK 1

ACRE LOTS

(99) WATT'S PARK
LOT 30, BLOCK 8

STA. 9+83
MATCH LINE (SEE SHT. NO. 37)

REPLACE STEPS & SIDE WALK

SCALE 10 30 50

MARGARET ST.

McKNIGHT ROAD

STILLWATER RD.

MINNEHAHA AVE.

MAPLEWOOD

CONSTRUCTION LIMITS

SURVEY ℄ LINE E

℄ CONSTRUCTION
P.I. = 44+57.26
Δ = 32°54'01"
D = 5°
R = 1145.916'
T = 338.351'
L = 658.005'

℄ SURVEY
P.I. 44+64.92
Δ 32° 53' 12" RT.
D 5°
T 338.20'
L 657.73'
R 1145.92'

NO SUPERELEVATION

PROPOSED R/W LINE

REVISED CONST. LIMIT 10-2-87

REVISED CONST. LIMITS 10-2-87

P.C. STA. 41+18.91 SURVEY LINE
P.C. STA. 41+26.72

+10 BEGIN MEDIAN
+05 END MEDIAN
+60 BEGIN CURVE

LINE W
LINE X
LINE B N33°26'36"E

PROPOSED STORM SEWER & PROPOSED 20' STORM SEWER EASEMENT

EXISTING 8" MAPLEWOOD SAN. (20' ESMT.)

MARGARET VACATED

MINNESOTA MINING AND MANUFACTURING COMPANY

MINNEHAHA SUBURBAN HEIGHTS LOT 13

PARCEL NO. 85A
FIRST NATIONAL BANK OF MINNEAPOLIS
MINNESOTA MINING AND MANUFACTURING COMPANY

NOTE: UNLESS OTHERWISE NOTED CITY OF ST. PAUL SEWERS ARE COMBINED SANITARY AND STORM.

NOTE: MEDIAN ISLAND RADII 3' TO FACE OF CURB UNLESS OTHERWISE NOTED

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT

SEE SHEET NO. 50

MATCH LINE (SEE SHT. NO. 37) STA. 12+67

Const Limits

300 L.F. 30" R.C.P @ 0.4%
980.90 — 979.70 — 978.50

53 L.F. 15" R.C.P @ 0.5% — 53 L.F. 15" R.C.P @ 0.5%
983.28 — 983.01 — 983.28

31 C.F.S. / MPLWD.

79 L.F. 15" R.C.P @ 1.0%
983.01 — 982.62

43 L.F. 15" R.C.P @ 1.0%
983.92 — 983.49 — 983.32

25 L.F. 15" RCP @ 1.0%
32 L.F. 15" RCP @ 1.0%
82 L.F. 15" R.C.P @ 1.0%
985.28 — 985 45 — 986.27 — 986.44 — 986.76 — 986.93 — 987.18

41 L.F. 15" R.C.P @ 1.0%
991 45 — 991 57 — 991.98 — 992.15

PROFILE GRADE = ℄
EXISTING GRADE
150' V.C.
M = 0.459'
-0.60 %
+1.85 %
144 L.F. 15" R.C.P @ 0.5 %
139 L.F. 15" R.C.P @ 0.5 %
179 L.F. 15" R.C.P @ 1.0 %
319 L.F. 15" R.C.P @ 1.88 %
981.90 — 981.90 — 980.90
982.62
983.32 — 983.49
985.28 — 985.45
P.I. +25 EL. 985.50
PROFILE GRADE = ℄

1000 995 990 985 980

38 39 40 41 42 43 44 45 46 47

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fiddler
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
A. R. Rivera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 13 OF 53 SHEETS

28-103

SUBDIVISION OF LOT 16 AUDITORS SUBDIVISION NUMBER 77
FOR CARDINAL PARK OFFICE BUILDING

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 18
WARREN FORSBERG
JUREANE H. FORSBERG
FIRST STATE BANK OF SAINT PAUL

PARCEL NO. 19
THOMAS M. WIENER
EUNICE C. WIENER

PARCEL NO. 20
WARREN FORSBERG AND JUREANE FORSBERG
THOMAS M. WIENER AND EUNICE C. WIENER
NORTHWESTERN STATE BANK
ST. PAUL, MINNESOTA

PARCEL NO. 21
SARRACK'S DRIVE-IN LIQUORS, INC.

PARCEL NO. 22
BERNARD C. PAZERA

PARCEL NO. 23
JAMES L. TRAXLER

AUDITORS SUBDIVISION NUMBER 77

MAPLEWOOD

LOT 17 · LOT 16 · LOT 15 · LOT 14 · LOT 13 · LOT 10 · LOT 9

STILLWATER ROAD T.H. 5 R/W ℄

REANEY AVE.

PARKING LOT

NORTHWESTERN STATE BANK
ST. PAUL, MINNESOTA
BLDG. 2305

BLDG. 18 · BLDG. 19

HO. 2315 · HO. 2321 · HO. 2300 · HO. 2304 · HO. 2308 · HO. 2310

CONSTRUCTION LIMITS

EXISTING SURFACING TO REMAIN IN PLACE

MATCH TO EXISTING BITUMINOUS LOT

CONST. LIMITS

PARKING

CLOSE ENT.

CONST ℄

SURVEY LINE

LINE "E"

LINE "B"

SOUTHEAST LINE OF LOT 14

℄ CONSTRUCTION

R/W ℄

DOC. NO. 1711824
DOC. NO. 1693577
DOC. NO. 1948750

N. 33°26'36"E.

N 33°26'36" E

341.25'

B624 C&G

B612 C&G

PROPOSED R/W

R = 652.10'
T = 99.057'
Δ = 17°16'30"

+15 BEGIN MEDIAN

MATCH LINE STA. 12+66
SEE SHEET NO. 37

MATCH LINE
SEE SHEET NO. 39

SECTION LINE & SURVEY LINE
CONST ℄

P.T. CONST ℄ STA. 47+76.91

STA. 3+67.30 REANEY SURVEY ℄
STA. 50+48.63 CONST. MIDWAY RD

+35 END MEDIAN

+40 BEGIN MEDIAN

+35 END MEDIAN

BUSH AVE.

NOTE:
MEDIAN ISLAND RADII 3' TO FACE CURB UNLESS OTHERWISE NOTED.

PARCEL NO. 86
ANTHONY J. CHICONE
MELIO J. CHICONE

PARCEL NO. 87
HENRY U. THOMPSON
SALLY J. THOMPSON

PARCEL NO. 88
LEONARD G SPRINGER
ROMA J. SPRINGER
ALMER B. HEDAHL
ARLENE HAMMERNICK
MARIANNE ERLIEN

PARCEL NO. 89
MARIE E. MILLER

PARCEL NO. 90
KENNETH L. HAGE
JUNE J. HAGE

PARCEL NO.
CHERYL D. BORGLUND
ROBERT CURTIS BORGLUND
ONEONTA BUILDING AND LOAN ASSOCIATION

PARCEL NO. 92
FRANK R. GALLO
CITY AND COUNTY EMPLOYEES CREDIT UNION

S 1/2 LOT 3 EXCEPT EAST 252 FEET

MINNEHAHA SUBURBAN HEIGHTS

82 L.F. 15" R.C.P. @ 1.00%
994.09 · 993.27 · 993.10

95 L.F. 15" R.C.P. @ 1.00%
993.10

56 L.F. 15" R.C.P. @ 1.00%
994.03 · 993.47 · 993.30

111 L.F. 15" R.C.P. @ 1.00%
993.58 · 993.47

145 L.F. 15" R.C.P. @ 1.00%
993.30 · 991.85

227 L.F. 27" R.C.P. @ 1.00%
991.02

PROFILE GRADE = ℄

+25 P.I. EL. 1002.15

250' V.C. M = 1.125'

+1.85% · -1.25% · -0.50%

50' V.C. M = 0.0468'

+75 P.I. EL. 996.54

EXISTING GRADE

1000 · 995 · 990

47 · 48 · 49 · 50 · 51 · 52 · 53 · 54 · 55 · 56

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Harry K. Fuller
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
R. R. Tvedera
Date 4-27-1984 Reg. No. 6469

THIS PLAN SUBJECT TO MINOR REVISIONS
10-23-84 Bob Thiele

STATE AID PROJ. NO. 62-668-20

SHEET NO. 14 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE
UTILITIES	PLOTTED BY	DATE
PROFILE	PLOTTED BY	DATE

PARCEL NO. 24
JOSEPH L. MILLER
FELICIA V. MILLER
MAPLEWOOD STATE BANK
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 25
DONALD R. JOHN
TONI M. JOHN
HILLCREST MIDAMERICA
STATE BANK OF MAPLEWOOD
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 25A
DONALD R. JOHN
TONI M. JOHN
FEDERAL NATIONAL MORTGAGE ASSOCIATION

SEE SHT. NO. 53

PARCEL NO. 26
JULIA F. LEPSCHE

N.W. COR. OF S.W. 1/4 OF S.W. 1/4 SECTION 25, T29, R.22

SEE SHT. 52

PARCEL NO. 27
GAUGHAN LAND, INC.
CITIZENS STATE BANK OF ST. LOUIS PARK

PARCEL NO. 23
JAMES L. TRAXLER
CITY OF MAPLEWOOD

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

A. L. T O R S S U B D I V I S I O N N U M B E R 7 7

MAPLEWOOD

LOT 7 · LOT 6 · LOT 4 · LOT 2 · LOT 1

EASEMENT 15' X 150' C.M.P. DOC. NO. 2230000 END TAPER +55

PROP. R/W

CONSTRUCTION LIMITS

E. 7th ST.

959.10'

1018.44'

249.89'

N. 33° 26' 36" E.

SURVEY LINE

LINE B

15" X 39" 56 CMP

CONSTRUCTION ℄

OLD R/W ℄ (BY FINAL ORDER DATED JUNE 3, 1907)

B624 C & G

STILLWATER ROAD

6' X 4' CONC HEADWALL

365.48'

N ½ LOT 3 EXCEPT THE EAST 252 FEET

PARCEL NO. 93
JOHN C. HOLLMAN
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 94
VIOLET L. ETHIER
MINNESOTA HOUSING FINANCE AGENCY
RAMSEY COUNTY WELFARE BOARD

PARCEL NO. 95
ETHEL H. HAGA
MARIE T. HAGA

PARCEL NO. 96
ROBERT F MILLER
ANITA MILLER
DONALD R. JOHN
TONI M. JOHN
HOME FEDERAL SAVINGS AND LOAN ASSOCIATON OF MINNEAPOLIS

PARCEL NO. 97
MICHAEL L. KLEIN
PATRICIA A. KLEIN
GREENCASTLE FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 98
EUGENE A. BEAULIEU
SHIRLEY ANN BEAULIEU
THE MIDWAY NATIONAL BANK OF ST. PAUL
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

PARCEL NO. 99
GETHSEMANE LUTHERAN CHURCH

HO. 2321 · HO. 2322 · HO. 2328 · HO. 2332 · HO. 2334 · HO. 2338

GARAGES

BILLBOARD

N 89°58'02" E

DOC. NO. 1404036

150'

78'

33'

16.5'

49.5'

26'

99'

52'

30'

---

47 L.F. 15" R.C.P. @ 1.00%
989.22
988.75
988.58

60 L.F. 15" R.C.P. @
988.86
988.75
INV. 989.

11 L.F. 15" R.C.P. @ 1.00%

PROFILE GRADE = ℄

EXISTING GRADE

313 L.F. 27" R.C.P. @ 1.70%
988.75
988.58

58 L.F. 15" R.C.P. @ 1.0%
987.52
988.10
984.36

35 L.F. 24" R.C.P. @ 0.5%
-0.50%

51 L.F. 27" R.C.P. @ 1.70%
983.26
982.39
981.87
984.18
984.36

400 L.F. 24" R.C.P. @ 0.5%

P.I. 63+00
EL. 991.91

EL. 991.20

-0.938%

P.C. 63+75

1000 · 995 · 990 · 985

56 · 57 · 58 · 59 · 60 · 61 · 62 · 63 · 64

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Barry K. Fellbaum
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Anderson
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 15 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

℄ CONSTRUCTION
P.I. = 68+80.04
Δ = 40°48'
R = 1145.92'
D = 5°
T = 426.164'
L = 816.00'

SURVEY LINE
P.I. = 67+52.45
Δ = 32° 57'20"
R = 1145.92'
D = 5°
T = 338.95'
L = 659.11'

PARCEL NO. 27
GAUGHAN LAND, INC.
CITIZENS STATE BANK OF ST. LOUIS PARK

MAPLEWOOD

SCALE 10' 30' 50'

249.89'
STA. 64+13.50 SURVEY P.C.
64+53.876 CONST. P.C.
CONSTRUCTION LIMITS
8' PATH
PROP. R/W
CONC. FOUND
WOODS
ALINEMENT PER FINAL ORDER ON COUNTY ROAD DATED JUNE 5, 1907
33'
Δ = 40°48'
R = 1096.42
L = 780.75
CONSTRUCTION LIMITS
70+72.61 SURVEY P.T.
49.5'
26'
365.48
(OLD) R/W ℄ STILLWATER ROAD
SURVEY LINE
CONST. ℄
1/16 LINE
DOC. NO. 554443
20' R
DRAINAGE EASEMENT
DITCH
Δ = 18°21'34"
R = 1195.42
L = 383.05
TAPER DRIVEWAY TO MATCH EXISTING
3'X3' BRICK SIGN
CONSTRUCTION LIMITS
MH
HH
BILL BOARDS
R = 458.68'
Δ = 32°57'
L = 263.86

PARCEL NO 99
GETHSEMANE LUTHERAN CHURCH

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

EL. 1004.34
R.7+00 EL. 1009.47
EL. 1008.75
-0.48%
300' V.C. M=1.463'
+3.42%
EL. 994.94
58 L.F. 15" R.C.P. @ 1.0%
986.94
987.11
V.C. = 300' M = 1.63425'
986.36
EXISTING GRADE
998.00
225 L.F. 18" R.C.P. @ 4.0%
PROFILE GRADE
400 L.F. 24" R.C.P. @ 0.50%
220 L.F. 24" R.C.P. @ 0.50%
989.00
987.46
986.36
P.I. 65+25 EL. = 989.80
P.T.
P.C.
P.C.C.

1010 1005 1000 995 990

64 65 66 67 68 69 70 71 72

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 16 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 27
GAUGHAN LAND, INC.
CITIZENS STATE BANK OF ST. LOUIS PARK

PARCEL NO. 28
R. E. BRAMHALL
RUTH O. BRAMHALL
SUMMIT NATIONAL BANK OF SAINT PAUL

PARCEL NO. 29
AMELIA H. CHOULOCK

PARCEL NO. 30
COUNTY OF RAMSEY

BLOCK 3
BEAVER LAKE ADDITION

SEE SHEET NO. 40 MATCH LINE STA. 12+75

STILLWATER AVE.

CONSTRUCTION LIMITS

CONST. LIMITS

MAPLEWOOD

(SEE SHEET NO 42) MATCH LINE STA. 12+00

CASE AVE.

STILLWATER ROAD ST. H.5

LAKEWOOD DRIVE

BENNET'S HARVESTER WORKS ADDITION

STILLWATER T.H.5 ROAD

MATCH LINE STA. 15+75 SEE SHEET NO. 41

PROPOSED R/W

PROPOSED TEMPORARY SLOPE EASEMENT

PROPOSED DRAINAGE EASEMENT

CONSTRUCTION LIMITS

NOTE:
MEDIAN ISLAND RADII 2' TO BACK CURB UNLESS OTHERWISE NOTED.

PARCEL NO. 99
GETHSEMANE LUTHERAN CHURCH

PARCEL NO. 100
LANNY JOEL BOYER
LINDA M. BOYER
THE FARMERS AND MECHANICS SAVINGS BANK OF MINNEAPOLIS
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
THE MIDWAY NATIONAL BANK OF ST. PAUL
GREATER CHICAGO AUTO AUCTION, INC.

PARCEL NO. 101
WALTER H. OWEN
EDNA M. OWEN

PARCEL NO. 102
DONALD R. KOPPEN
HELEN M. KOPPEN
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

PARCEL NO. 103
WAYNE K. LARSON
MARIAN D. LARSON
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

HO. 984

CERT. NO. 202610 ℄ CONSTRUCTION
P.I. = 76+86.71
Δ = 18°12'
D = 5°
T = 183.57'
R = 1145.92'
L = 364.00'

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

EXISTING GRADE
PROFILE GRADE = ℄
P.C.C.
P.I. 75+25 EL 1017.44
550' V.C. M=4.455'
58 L.F. 15" R.C.P. @ 1.00%
994.15
993.40
993.57
260 L.F. 15" R.C.P. @ 2.857%
1001.00
93 L.F. 15" R.C.P. @ 1.00%
108 L.F. 15" R.C.P. @ 1.00%
35 L.F. 15" R.C.P. @ 1.00%
141 L.F. 15" R.C.P. @ 1.00%
1003.35
1002.47
1002.25
1001.17
1001.52
1001.17
1001.00
1001.69
1003.10
295 L.F. 15" R.C.P. @ 6.32%
6.96%
102 L.F. 15" R.C.P. @ 1.00%
976.00
974.77
974.60
175 L.F. 15" R.C.P. @ 6.36%
EL. 1008.75
EL. 988.30
P.T.

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Date 3-26-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 17 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 30
COUNTY OF RAMSEY

PARCEL NO. 32
CITY OF MAPLEWOOD

PARCEL NO. 30
COUNTY OF RAMSEY

PARCEL NO. 30
COUNTY OF RAMSEY

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

PARCEL NO. 31
EDMUND C. MALLET
DELORES M. MALLET
HO. 995

℄ CONSTRUCTION
P.I. = 80+99.45
Δ = 10°04'27"
R = 1909.86'
D = 3°
T = 168.34'
L = 335.81'

PRIVACY FENCE
968.73
969.83
969.96
970.93
38.5' RT. = 1+00 SURVEY ℄
38.5' RT. = 1+00 REVISED SURVEY ℄
LOT 3
LOT 2
LIFT STA. 1035
DOC. NO. 1915828
CONST. ℄ SURVEY ℄ PT. 82+66.92
CONST. ℄ SURVEY ℄ PT. 82+51.08
MAPLEWOOD
CONST. LIMITS
SWAMP
WELL
CLOSE
EXISTING R/W
8' PATH
VAC.
8' WIDE R/W
80' SURVEY LINE
CONST. ℄
LAKEWOOD DRIVE
1/16 LINE, OLD R/W ℄
SURVEY LINE
LINE C
3" HP
BENNETT'S HARVESTER WORKS ADDITION
B624 C & G
EXISTING R/W
CONST. LIMITS
WOODS
SEWER EASEMENT
20'
HO. 1050 REMOVE
HO. 1068 REMOVE
HO. 1070 REMOVE
GAR.
GAR.
PROPOSED R/W
DESIGN 70 CFS

PARCEL NO. 103
WAYNE K. LARSON
MARIAN D. LARSON
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

HO. 1000

PARCEL NO. 104
REINHARDT F. ROGERS
MARY T. ROGERS
MIDWEST FEDERAL SAVINGS & LOAN ASSOCIATION OF MINNEAPOLIS

HO. 1012

PARCEL NO. 105
LOUIS E. PLANTE
THELMA V. PLANTE

PARCEL NO. 106
LEO ZACHO AND ALICE KATHERINE ZACHO
EDITH MADDEN AND MICHAEL DANIEL MADDEN
GEORGE T. ZACHO AND RUTH ZACHO
HARRY AND VIOLET A. ZACHO

PARCEL NO. 107
FRANCIS MICHAEL DREAWVES
VERNA MAE AGNES DREAWVES
THE MINNESOTA PROTECTIVE LIFE INSURANCE COMPANY

PARCEL NO. 109
ERNEST A. DREAWVES
JOSEPHINE J. DREAWVES

PARCEL NO. 108
CYRILL D. DREAWVES
VICTORIA A DREAWVES

P.C. 80+00
EL. 974.38
150' ℄
130 L.F. 15" R.C.P. @ 1.0%
58 L.F. 15" R.C.P. @ 1.0%
964.77
963.47
963.47
964.05

PROFILE GRADE = ℄
6.96%
1.23
PROFILE 30' W. OF 1/16 LINE
963.6
EXISTING GRADE
8.5' EAST OF 1/16 LINE

P.I. 83+75
EL 948.28
V.C. = 750'
M = 10 1343
58 L.F. 15" R.C.P. @ 1.0%
950.5
949.92
949.75

120 L.F. 48" R.C.P. @ 1.1%
947.9
949.22

125 L.F. 24" R.C.P. @ 1.0%
950.87
950.47
949.22
53 L.F. 15" R.C.P. @ 1.0%
949.75
950.82

LOW POINT 84+82.89
EL 957.57

24 L.F. 15" R.C.P. @ 0.5% PLUS APRON
962.34
962.5±
961.34

P.T. 87+50
EL 962.72
P.C. 88+00
EL. 964.16
58 L.F. 15" R.C.P. @ 1.0%
959.25
958.67
958.5
3.85%
320 L.F. 15" R.C.P. @ 2.4%
958.5

REVISIONS	DATE	BY	REVISIONS	DATE	BY

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fellbaum
Date 3-29-84 Reg. No. 13801

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. R. Rindera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 18 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 30
COUNTY OF RAMSEY

PARCEL NO. 33
THURMAN R. CREAGER
ALICE J. CREAGER

PARCEL NO. 30A
COUNTY OF RAMSEY

(BEAVER LAKE)

B E A V E R L A K E A D D I T I O N

LOT 1 BLOCK 3 MAPLEWOOD

LOT 2, BLOCK 3

CONSTRUCTION LIMITS

WELL

8' PATH

CLOSE

7.5'

238'

100'

LAKE AVENUE

66'

LOT 9, BLOCK 1

LAKEWOOD DRIVE SIXTEENTH LINE, R/W

CONST. ℄ & SURVEY LINE

EAST LINE OF LOT 9

MH

Sa

89 90 91 92 93 94 95 96 97 98

(Const. Entrance)

E. MAGNOLIA AVE.

89+45.02

EARTH BERM

PROPOSED R/W

CONSTRUCT EARTH BERM TO DETER OFF-ROAD TRAFFIC. THE EXACT LOCATION AND DEMENSIONS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION.

CONSTRUCTION LIMITS

LOT 8, BLOCK 2

B E A V E R L A K E A D D I T I O N

81°22'23"

97'

LOT 8, BLOCK 1

PARCEL NO. 110
RICHARD J. SCHREIER
PATRICIA A. SCHREIER
RICHARD E. SAGSTETTER
CAROL C. SAGSTETTER

VACATED

GERANIUM AVE.

LEGEND:

- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

EXISTING GRADE

P.I. 91+25
EL. 977.16

V.C. = 650'
M = 6.573125'

+3.85%

-4.24%

PROFILE GRADE = ℄

EL. 963.37

EL. 962.31

P.C. 94+75

P.T. 94+60

958.25

957.67

957.50

100 L.F. 15" R.C.P. 3.93%

953.57

953.40

145 L.F. 15" R.C.P. 1.00%

951.85

V.C. = 550'
M = 5.07375'

+3.14%

P.I. 150
EL. 956.06

LOW POINT 97+91
EL. 951.95

980 975 970 965 960 955

89 90 91 92 93 94 95 96 97 98

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Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

Date 4-2-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 19 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 30A
COUNTY OF RAMSEY

LOT 9, BLOCK 1

BEAVER LAKE ADDITION

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

S.W. COR. SECTION 24, T29, R22

MAPLEWOOD

CONST. ℄
P.I. 105+85.78
Δ=56°38' 16"
D=6°
T=514.52
L=943.96
R=954.93
E=129.82
P.C.=100+71.20
P.T.=110+15.16

SURVEY LINE
P.I. 105+85.78
Δ=56°38' 16"LT.
D=5°
T=617.50
L=1132.756
R=1145.916
E=155.78

BEAVER LAKE
SWAMP
WOODS
SIXTEENTH LINE
SURVEY LINE
DOC. NO. 762875
LAKEWOOD DRIVE
EAST LINE OF LOT 9
DOC. NO. 762874
DOC. NO. 1419884
SURVEY ℄ P.C. STA. 5+98.28
P.C. CONST. ℄ STA. 100+71.20
CONST. LIMITS
MATCH LINE SEE SHT. NO. 43 STA. 12+00
SECTION LINE
NEW CANADA SUPERVISORS ROAD ORDER NO. 21 JAN 2, 1929
MARYLAND AVE.
PROPOSED R/W
65'R
CONST. LIMITS
SURVEY LINE
CONST ℄
PROPOSED R/W
PATH
ADDS
DOC. NO. 2165990
DOC. NO. 2087445
MAPLEWOOD
1/4 1/4 LINE
STA 102+66.91 McKNIGHT ROAD CONST ℄
STA. 13+30.86 MARYLAND AVE. SURVEY ℄
CONST. LIMITS
BUILD M.H. OVER EXISTING 30" R.C.P.
MATCH LINE SEE SHT. NO. 43 STA 14+00
PIT. SPILLWAY
MH
WSO
3"HP
G
Sa
TF

PARCEL NO. 110
RICHARD J. SCHREIER
PATRICIA A. SCHREIER
RICHARD E. SAGSTETTER
CAROL C. SAGSTETTER

LOT 8, BLOCK 1

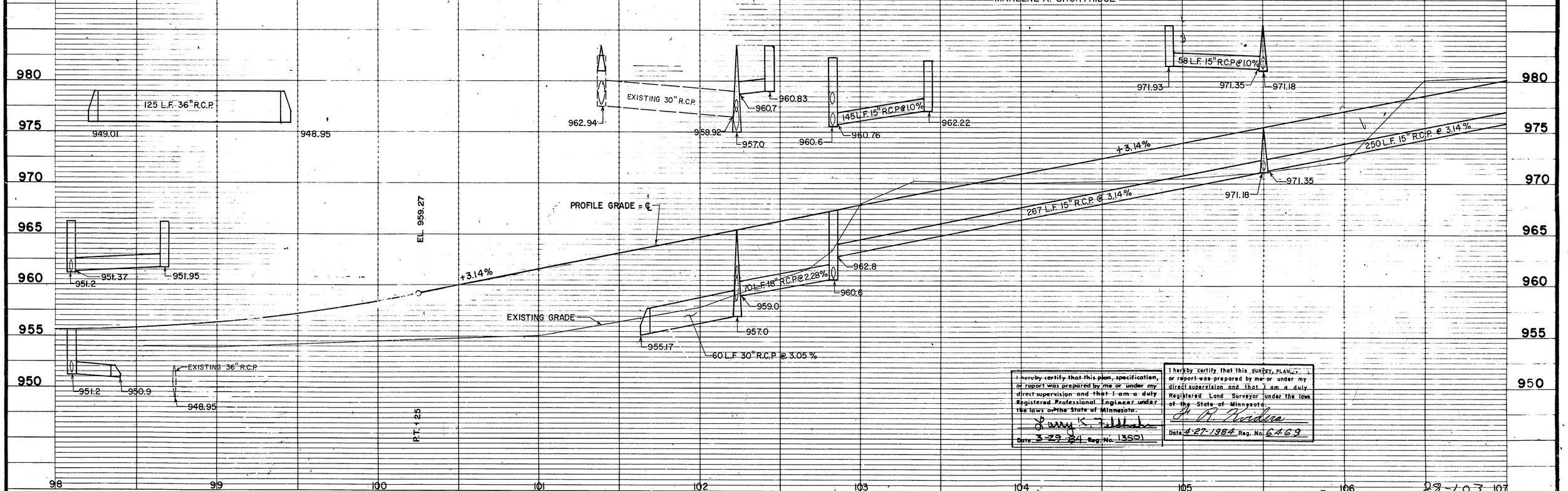
BEAVER LAKE ADDITION

NOTE:
MEDIAN ISLAND RADII 3' TO FACE OF CURB UNLESS OTHERWISE NOTED.

PARCEL NO. 34
PERRY J. SHORTRIDGE
MARLENE A. SHORTRIDGE
ROBERT N. BERGLUND
BERNADINE R. BERGLUND

.0175 FULL SUPERELEVATION

PARCEL NO. 34A
ROBERT N. BERGLUND
BERNADINE R. BERGLUND
PERRY J. SHORTRIDGE
MARLENE A. SHORTRIDGE



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-29-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 20 OF 53 SHEETS

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

REVISIONS	DATE	BY	REVISIONS	DATE	BY
S.E.	4-12-84				

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONTROL OF ACCESS LINE
- (13) PARCEL NUMBER
- DRAINAGE EASEMENT

SCALE 10' 30' 50'

PARCEL NO. 35
PAUL R. EDMISTON
BETTY A. EDMISTON
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 37
GERALD L. BRUZEK
MARY ANN BRUZEK
POSTAL THRIFT LOANS, INC.
THE ST. PAUL POSTAL EMPLOYEES CREDIT UNION

PARCEL NO. 38
VERNON E. POTTER
THERESA M. POTTER

PARCEL NO. 38A
VERNON E. POTTER
THERESA M. POTTER
LINCOLN FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

PARCEL NO. 39
BULK SERVICE CORPORATION
ADDISON BROWN AND
DORIS BROWN
DONALD DARFLER
CALUMET INDUSTRIAL DISTRICT, INC.
BEVERLY BANK

PARCEL NO. 36
PHILLIP F. OSWALD
TONY L. OSWALD
LOIS A. OSWALD

MAPLEWOOD

(+440) (+503.92) N 78° 12' 30" E 704.77

CONST. ℄ P.T. STA. 110+15.16 — SURVEY ℄ P.T. STA. 111+01.04 — SURVEY ℄ P.T. STA. 113+75

BEGIN NON-ACCESS LIMITS @ STA. 114+00 — PROPOSED R/W — CONST. LIMITS — BEGIN NON-ACCESS

PATH — UNCULTIVATED FIELD — WOODS — Entrance with ? IAP

CONSTRUCTION ℄ — SURVEY ℄ — B624 C & G — LINE A — CONSTRUCT 'V' GUTTER — 15' SURVEY LINE

S 35° 52' 01" E — 75' — 30° — 75.6' ON ℄ — P.C. STA. 0+71 — P.T. STA. 1+53.55

BULK SERVICE DRIVE — CONST. ℄ P.I. = 1+16.88 Δ = 62° 54' 30" R = 75 D = 76° 23' 40" T = 45.88 L = 82.35

CONST. ℄ P.C. STA. 113+01.01 — CONST. LIMITS

SEE SHEET NO. 44

58 L.F. 15" R.C.P. @ 1.00% — 979.03 — 979.20 — 979.78

58 L.F. 15" R.C.P. @ 1.00% — 989.25 — 989.42 — 990.00

58 L.F. 15" R.C.P. @ 1.00% — 999.34 — 999.51 — 1000.09

316 L.F. 15" R.C.P. @ 3.14% — 989.25 — 989.42 — +3.14%

320 L.F. 15" R.C.P. @ 3.14% — 979.03 — 979.20

190 L.F. 15" R.C.P. @ 3.14% — 999.34 — 999.51

EXISTING GRADE — PROFILE GRADE = ℄ — P.C. +00 — 1006.72

1005 1000 995 990 985 980

107 108 109 110 111 112 113 114 115 116

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Barry K. Fuller
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
G. R. Bridna
Date 4-27-1984 Reg. No. 6469

28-107

STATE AID PROJ. NO. 62-668-20

SHEET NO. 21 OF 53 SHEETS

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE
CONST. LIMITS		2-21-84 B.J.		

F & I 24" R.C.P. CL. V WITH CL. B BEDDING

PARCEL NO. 39

BULK SERVICE CORPORATION
ADDISON BROWN AND DORIS BROWN
DONALD DARFLER
CALUMET INDUSTRIAL DISTRICT, INC.
BEVERLY BANK

PARCEL NO. 40

CHICAGO, SAINT PAUL, MINNEAPOLIS AND OMAHA RAILWAY COMPANY

PARCEL NO. 42

HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL
BLOCKS 8, 5, 4 AND I
HARVESTER HEIGHTS, ST. PAUL
SAINT PAUL

SEE SHT. NO. 45

BULK SERVICE ROAD

OLD

McKNIGHT ROAD

RELOCATE FENCE

WOODS

WALK

SURVEY LINE

SURVEY ℄

CONST ℄

LINE A

DOC. NO. 1486482

MAPLE BROOK

BRIDGE SURFACE
HEIGHT = 1115 EACH CORNER
F-30" TAPERED END TREATMENT
SIDE: 8 - 2" POST SPACING
ENDS: 9 - 2" POST SPACING

TAPER CURB LINE TAPER 46' TO BE 60' LONG ALL FOUR CORNERS OF BRIDGE.

RELOC. TR ROAD

SURVEY LINE
P.I. = 120 + 52.11
Δ = 36° 40' RT.
D = 5°
T = 617.87
L = 1133.33
R = 1145.916
E = 155.96

NO SUPERELEVATION

P.I. 100 +
Δ = 55° 40' 00" RT
D = 4°
T = 772.340
L = 1416.67
R = 1432.394
E = 194.98
P.C. = 113 + 01.01
P.T. = 127 + 17.61

CONST LIMITS

PROPOSED R/W

PARCEL NO. 111
HILLCREST DEVELOPMENT

LEGEND
- PROPOSED HIGHWAY EASEMENT
- CONSTRUCTION LIMITS
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONTROL OF ACCESS LINE
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT

58 L.F. 15" R.C.P @ 1.00%
1005.5 — 1005.67 — 1006.25

54 L.F. 15" R.C.P @ 1.00%
1009.03 — 1009.20 — 1009.74

54 L.F. 15" R.C.P @ 1.00%
1007.21 — 1007.38 — 100792

58 L.F. 15" R.C.P @ 1.00%
997.61 — 997.03

33 L.F. 15" R.C.P @ %
997.03 — 996.86

987.0

PROFILE GRADE = ℄

+3.14%

235 L.F. 15" R.C.P @ 1.50%

1005.5 — 1009.03

750' VC
M = 6.694'

P.I. +75
EL. 1020.5

PROPOSED BRIDGE 62543

EXISTING GRADE

1007.21

345 L.F. 15" R.C.P @ 3.00%

-4.0%

996.86

1025 1020 1015 1010 1005 1000 995 990 985 980

116 117 118 119 120 121 122 123 124 125

REVISIONS	DATE	BY
S.E.	4-12-84	

REVISIONS	DATE	BY

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 22 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 42
HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

H A R V E S T E R H E I G H T S , S T . P A U L

ST. PAUL

MAPLEWOOD

BLOCK 5 | BLOCK 4 | BLOCK 8, 5, 4 AND 1 | BLOCK 1

+17.67 END ACCESS CLOSURE

HELEN ST | SHERWOOD AV. | LAKE COMO AND | HAMLIN AV.

SURVEY ℄ STA. 133+82.06 = 1/4 LINE

RELOCATE FENCE & GATE

B.T. PARKING AREA

RELOCATE FENCE | CONST. LIMITS | 610' | 8' PATH | DITCH | WOODS | SWAMP

McKNIGHT ROAD

SURVEY LINE | SECTION LINE | CONST. ℄ | LINE A | 50°47'53" W. 658.06 | B624 C. & G. | BEGIN LINE A

125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134

T-BUR | TEL BOX | 20" CMP | 49.5' | 26' | 16.5' | 30' | 33' | 6' | 80' | 215' | 100' | 10' | 5'

DOC. NO. 1486482

PROPOSED R/W

CONST. LIMITS

SURVEY ℄ P.T. STA. 125 + 67.57

P.T. CONST. ℄ STA. 127+17.67

CONST. ℄ P.I. STA 133+75.73 = 1/4 LINE

PARCEL NO. 111
HILLCREST DEVELOPMENT

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- —O——O— CONTROL OF ACCESS LINE

P.I. 126+60
E.L. 993.10

25 L.F. 21" R.C.P. @ 0.83 %
58 L.F. 21" R.C.P. @ 0.83 %
25 L.F. 21" R.C.P. @ 0.83 %
58 L.F. 15" R.C.P. @ 1.0%

987.6 | 987.39 | 987.22 | 986.74 | 986.57 | 986.36 | 991.47 | 991.64 | 992.22

PROFILE GRADE = ℄

EXISTING GRADE

+ 1.00 %

1.4 %

1.4 %

986.74
986.57

991.47
991.64

1005 | 1000 | 995 | 990 | 985

V.C. = 340'
M. = 2.125'

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Harry K. Fiddick
Date 3-29-84 Reg. No. 13501

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Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 23 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 42
HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

FURNESS GARDEN LOTS AN ADDITION TO ST. PAUL
LOT 12, BLOCK 13
LOT 1, BLOCK 13

LOT 12, BLOCK 7

42 BIT PARKING AREA — BLDG — ADJUST GATE — BEGIN WALL STA. 135+05 — GOLF COURSE MAINTENANCE BLDGS — CONST. LIMITS — END WALL STA. 136+10 — GAR. — GATE — ADJUST GATE — RELOCATE FENCE — STA. 137+81.53 REVISED SURVEY ℄ RT. 10° = STA. 137+00 SURVEY ℄ — RELOCATE FENCE — BEGIN WALL STA. 139+00 — S.E. — CONSTRUCTION LIMITS — S.E. — 42

SECTION LINE — McKNIGHT ROAD — SECTION LINE — MH

SURVEY LINE — CONST. ℄ — SURVEY LINE — CONST. ℄

134 — T-BUR — 135 — 136 — 137 — T-BUR — 138 — 139 — 140 — 141 — T-BUR — 142

DOC. NO. 2143632

SWAMP — 33' PROP. ADDITIONAL R/W — CONST. LIMITS — PORCH — CLOSE — H.O. 1454 REMOVE — BUILDING REMOVAL PART A — BRUSH — MAPLEWOOD — BUILDING REMOVAL PART B — H.O. 606 REMOVE — TOP 3:1 SLOPE — H.O. 1514 REMOVE — BUILDING REMOVAL PART C — CLOSE

112 — PARCEL NO. 112 — SAM E. GOODMAN — EDITH P GOODMAN

PARCEL NO. 113 — JENS W. JENSEN — RUDA M. JENSEN — LEASING CONSTRUCTION LIMITS — GA. — PROPOSED HIGHWAY EASEMENT

PARCEL NO. 114 — SAM E. GOODMAN — EDITH P. GOODMAN

PARCEL NO. 115 — TRIONE M. MIKISH

NOTE: CLOSED ENTRANCES WILL BE RECONSTRUCTED BASED ON APPROVED DEVELOPMENT PLAN BY MAPLEWOOD

PARCEL NO. 116 — JAMES R. ZIERHUT — MARY K. ZIERHUT — IOWA SECURITIES COMPANY — LOCAL #110 I.B.E.W. CREDIT UNION — GA.

PARCEL NO. 117 — TERRY L. STROMSKI — JEAN D. STROMSKI — MINNESOTA HOUSING FINANCE AGENCY — GA.

PROPOSED TEMPORARY SLOPE EASEMENT

(13) PARCEL NUMBER

STA. 137+81.53 FROM SO.
STA. 137+00 TO NORTH

1040 1035 1030 1025 1020 1015 1010 1005 1000 995

PROFILE GRADE = ℄ — +1.0% — V.C. = 250' — M = 1.2375' — 996.71 — 996.54 — P.I. 135+25 — E.L. 1001.75

350 LF 15" RCP @ 3.6 % — 1009.48 — 1009.31

331 LF 15" RCP @ 4.26 % — +4.51 % — 1023.57

134 135 136 137 138 139 140 141 142

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K Fellbaum
Date 3-29-84 Reg. No. 13521

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
D. R. Kvidera
Date 1-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 24 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 42
HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

LOT 12, BLOCK 7 | LOT 1, BLOCK 7 | FURNESS GARDEN LOTS, AN ADDITION TO ST. PAUL | LOT 12, BLOCK 6 | LOT 1, BLOCK 6

END WALL STA. 143+75 | BEGIN WALL STA. 144+40 | SURVEY LINE TO SOUTH 30' SECTION LINE SURVEY LINE TO NORTH = SECTION LINE | END WALL STA. 146+25 | BEGIN WALL STA. 148+00 | END WALL STA. 148+75

CONSTRUCTION LIMITS | S.E. CONSTRUCTION LIMITS | S.E. | Const Limits | RELOCATE FENCE | CONSTRUCTION LIMITS | RELOCATE FENCE

SECTION LINE | CONSTR ℄ | SURVEY ℄ | CLOSE ENTRANCE | McKNIGHT ROAD | 146+18.32 | 1/4 1/4 COR. | SECTION LINE | CONST. ℄ | SURVEY LINE

MISC | DOC. NO. 991739 | PLAT | 33' PROP. R/W | 25' R | MONTANA AVE. | ACORN GREENHOUSES | LOT 1, BLOCK 3 | HO. 1530 | MISC | PRIOR R.W. | 33' S.R.O. | ACORN GREENHOUSES | LOT 1, BLOCK 1 | MAPLEWOOD | DOC. NO. 2106089 | CONSTRUCTION LIMITS | WIRE FENCE

MATCH LINE STA. 0+80 | MATCH TO EXISTING CURB & GUTTER RT. 200'

CONST. LIMITS PARCEL NO. 119
GOOD VALUE HOMES, INC.
NORTHWESTERN STATE BANK
CHARTER CONSTRUCTION CORPORATION
P. CHRISTENSEN & SONS, INC

PARCEL NO. 120
EVERETT EDWARDS
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION
JACK W. HIRSCH
NANCY A. HIRSCH
HOLDEN INC.
JOHN W. KELLY

PARCEL NO. 121
GOOD VALUE HOMES, INC
NORTHWESTERN STATE BANK
CHARTER CONSTRUCTION CORPORATION
P. CHRISTENSEN & SONS, INC.

PARCEL NO. 122
RAYMOND FRED HORWATH
ALMA J. HORWATH

PARCEL NO. 123
LAUNIE A. MAKI
ROBERT C. ZAFFKE
ROSEWOOD MORTGAGE CORPORATION

PARCEL NO. 124
BENNIE SWANSON
EMMA E. SWANSON
MARY S. SWANSON

PARCEL NO. 125
VICTOR E. SWANSON
ARTINA P. SWANSON

MONTANA AVENUE
SEE SHEET NUMBER 45

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (15) PARCEL NUMBER
- CONSTRUCTION LIMITS

P.I. 143+50 SURVEY ℄ EL. 1042.64 | EXISTING GRADE | +4.51% | PROFILE GRADE = ℄ | V.C. = 800' | M = 8.00'

58 L.F. 15" R.C.P. @ 1.0% | 921.67 | 921.09 | 920.92

300 L.F. 15" R.C.P. @ 1.0% | 920.92

-3.49% | -0.5%

V.C. = 200' | M = 0.74' | 918.21

58 L.F. 15" R.C.P. @ 0.5% | 917.92

10 L.F. 15" R.C.P. + APRON | 917.75 | 918.60 | 917.92 | 917.75

1050 | 1045 | 1040 | 1035 | 1030 | 1025 | 1020

142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fallstrom
Date 3-23-84 Reg. No. 13501

I hereby certify that this survey, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. R. Rivdera
Dat. 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20 | SHEET NO. 25 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 42
HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

FURNESS GARDEN LOTS AN ADDITION TO ST. PAUL
LOT 1, BLOCK 6 — LOT 12, BLOCK 1 — LOT 1, BLOCK 1

SHEET No.46
STA. 2+00
MATCH LINE

GREEN
CONST. LIMITS
SAND TRAP
SAND TRAP
BIT. PATH
TEE
30'X 30' LEG Δ
PROPOSED R/W ACQUISITION
RELOCATE FENCE
MH
WSO.
42
26'
33'

EQUATION
STA. 159 + 36.1 =
STA. 2+31.46

McKNIGHT RD. CONST. ℄
STA. 160+10.95 =
LARPENTEUR AVENUE
STA. 3+16.5

MATCH LINE
(SHEET No. 27)

LARPENTEUR AVE.

42
LOW LAND
CONSTRUCTION LIMITS
RELOCATE FENCE
RELOCATE FENCE
P.O.B.
10'
10'
24'
ST. PAUL
SECTION LINE
McKNIGHT ROAD
SURVEY LINE
CONST. ℄
MH
Sa
TBUR
151 152 153 154 155 156 157 158 159 160
30' 33' 26' 16.5'
126 127 128
CONSTRUCTION LIMITS
WOODS
114'
33' PROP. R/W
10' 10' 10'
80
120
130
SWAMP
198
SWAMP
MAPLE WOOD
SURVEY ℄ STA. 154+00
5 CFS
MAPLE WOOD
STA. 156+50
45'X 60' LEG Δ
PROPOSED R/W ACQUISITION
CONST. LIMITS
MATCH LINE
STA. 4+00
SHEET No. 46

PARCEL NO. 126
VICTOR E. SWANSON
ARTINA P. SWANSON
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 127
JOHN J. BRENNHOFER
DOROTHY L. BRENNHOFER

PARCEL NO. 128

LORELEI BOLLMANN & E. DAVID BOLLMAN	1/6
LOUIS E. FAULKNER & MARSHA FAULKNER	1/6
AGNES KLEIN	1/3
FRANCES B. HOAG	1/6
ROGER L. LANGE JR.	1/6
CANDYCE C. LANGE	
LAWERENCE R. LANGE	
BARBARA K. LANGE	
ROGER L. LANGE & DELORES LANGE	

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT

58 L.F. 15" R.C.P. @
13 L.F. 15" R.C.P. @
EL. 1015.5±
100 LF 24" RCP + 2 APRONS @ 0.00%
(PRELIMINARY ONLY)
58 L.F. 15" R.C.P. @
16 L.F. 15" R.C.P. @
EL. 1015.5±

1025
1020
1015

PROFILE GRADE = ℄
V.C. = 100'
M = 0.125
-0.50%
350 L.F. 15" R.C.P. @
EXISTING GRADE
PROPOSED 24" R.C.P.
+0.50%
P.I. 158+50
EL. 1021.73
SURVEY ℄
-0.5%
V.C. = 50'
M = 0.0625
58 L.F. 15" R.C.P. @ 0.50%
1018.08
1018.37
EL. 1021.30

SURVEY ℄ P.I. 154+00 EL. 1019.48

SURVEY ℄ 159+36 PROPOSED ℄ LARPENTEUR AVE.

151 152 153 154 155 156 157 158 159 160

I hereby certify that this plan, specifications, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fallon
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY/PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. K. Kvidera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 26 OF 3 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 43

THE SOUTHLAND CORPORATION
CONVENIENCE MARKETS, A PARTNERSHIP, CONSISTING OF WILLIAM BARBUSH and GERTRUDE BARBUSH
CANADA LIFE INSURANCE COMPANY OF NEW YORK
JAMES H. WEYER
SUZANNE R. WEYER

PARCEL NO. 44

~~ELSIE S. LONGHENRY~~
RENOLD G. NIELSEN

1695 HO.

PARCEL NO. 45

PERRY J. SHORTRIDGE
MARLENE A. SHORTRIDGE
DAVID L. PETERSON
MICHAEL J. PETERSON
DONNA M. PETERSON

PARCEL NO. 46A

THE ESTATE OF
GEORGE HOLLEN
WALTER J. EBERTZ
ANNA E. EBERTZ

PARCEL NO. 46B

THE ESTATE OF
GEORGE HOLLEN
MICHAEL J. PETERSON
DONNA M. PETERSON

SEE SHEET NO. 46

MATCH LINE STA. 2+00

LARP. AVENUE P.I. 3+00 Δ 0°58'30"
SURVEY ℄ EQUATION: STA. 159+36.1 FROM SOUTH = STA. 2+31.46 TO NORTH

MATCH LINE

SECTION LINE & ℄ SURVEY TO NORTH

BLDG.

MISC.

1709

MAPLEWOOD

HILLCREST GARDENS
LOT 4, BLOCK 2

1755
LOT 3, BLOCK 2

McKNIGHT RD

B624 C. & G.

EXISTING R/W

295'

SIGN

5' CONC. SDWK.

10' STORM SEWER ESMT.

T.E.

CURB LIMITS

Depress Curb for Future Entr.

EXISTING 13"X17" ARCH C.M.P.

CONSTRUCT "V" GUTTER

WILLIAMS BROS. PIPELINE

32' JACKED CROSSING

CONST. ℄

CONST. ℄ BEGIN TAPER

LARPENTEUR AVE.

24" RCP

+20 BEGIN TAPER LT & RT

+60 END TAPER LT & RT

CONST. LIMITS

EXISTING STORM SEWER 60" x 19" R.C.P.

PLANTED BLUFF

EXISTING R/W

110'

80'

10' 10'

EASEMENT

MATCH LINE STA 4+00
SEE SHEET NO. 46

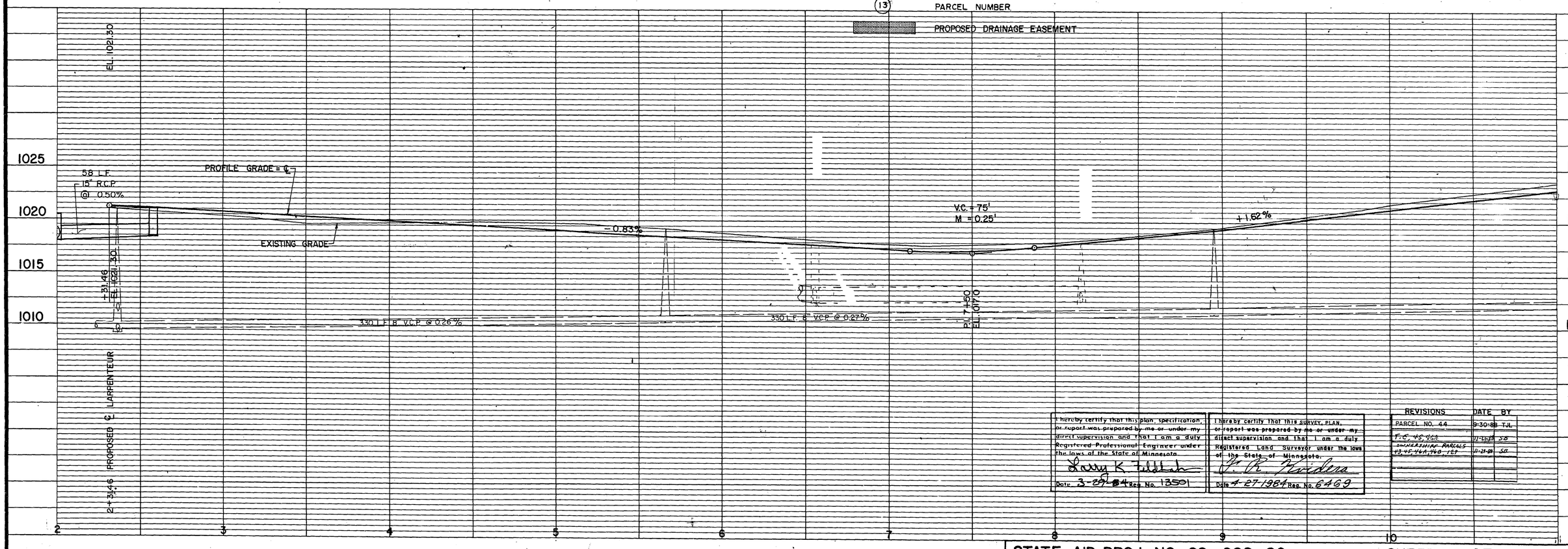
MAPLEWOOD
PARCEL NO. 129
THE FIRST NATIONAL BANK OF SAINT PAUL
GEORGE NELSON ASSOCIATES, INC.
DROVERS FIRST AMERICAN BANK OF SOUTH ST. PAUL

MAPLE WOODS ESTATES
LOT 3 BLOCK 1

PARCEL NO. 130
CONDOMINIUM OWNERSHIP NO. 3
MAPLE WOODS TOWNHOUSES
THE FIRST NATIONAL BANK OF SAINT PAUL
MAPLEWOOD PROPERTIES, INC.

MAPLE WOODS TOWNHOUSES
LOT 1, BLOCK 1

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Tillotson
Date 3-29-84 Reg. No. 13501

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Date 4-27-1984 Reg. No. 6469

REVISIONS	DATE	BY
PARCEL NO. 44	9-30-88	TJL
S.C. 45-46A	11-14-88	SR
ADDED PARCELS 43-45-46A-46B-127	11-23-88	SR

STATE AID PROJ. NO. 62-668-20

SHEET NO. 27 OF 53 SHEETS

28-107

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 47
~~LINCOLN FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL~~
LYNN J. GARRITY
JOHN B. PROULX
CELINE C. PROULX
FIRST MINNESOTA SAVINGS BANK

PARCEL NO. 48
~~MARTIN G. HELLER~~
~~TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION~~
~~JODELL M. HELLER~~

PARCEL NO. 49
JAMES C. MOORE
KATHERINE J. MOORE
BANKERS LIFE COMPANY

MAPLEWOOD

PARCEL NO. 50
DOUGLAS R. HOUCK
PAULINE H. HOUCK

PARCEL NO. 51
HANNAH M. FISCHER
LAWRENCE DANDREA AND REBECCA DANDREA- C.P.
GARY F. ROSKOS
MARILYN S. ROSKOS

PARCEL NO. 52
STANLEY L. TORGERSEN
FRANCES G. TORGERSEN

PARCEL NO. 53
STANLEY L. TORGERSEN
FRANCES G. TORGERSEN

PARCEL NO. 54
NANCY M. DAHLEN
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
~~RICHARD J. DAHLEN~~

HILLCREST GARDENS

HO. 1775 — ROBERT WIEDL, PAULEEN WIEDL — LOT 2, BLOCK 2
1785 HO. — LOT 1, BLOCK 2 EXCEPT WEST 150 FT.
HO. 1805 — CONSTRUCT 42" PICKET FENCE; CONSTRUCT CONCRETE STEPS; LOT 10, BLOCK 1 EXCEPT WEST 120 FT.
HO. 1813 — 17± END WALL
LOT 9, BLOCK 1 — CLEAR & GRUB
HO. 1825 — S 1/2 LOT 8, BLOCK 1
N 1/2 LOT 8, BLOCK 1 — S 1/2 LOT 7 BLOCK 1
HO. 1837

RIPLEY AVE.

McKNIGHT RD

SURVEY LINE & SECTION LINE

WILLIAMS BROS. PIPELINE

MAPLE WOODS TOWNHOUSES
LOT 1, BLOCK 1

PARKING LOT

LOT 10, BLOCK 2 AND VACATED RIPLEY AVE.
HO. 1806

H I L L S I D E H O M E S I T E S

LOT 9, BLOCK 2 — HO. 1814
LOT 8, BLOCK 2 — HO. 1820
LOT 6 & 7 BLOCK 2 — HO. 1836
HO. 1842

LANDSCAPE ROCK

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER

PARCEL NO. 130
CONDOMINIUM OWNERSHIP NO. 3
MAPLE WOODS TOWNHOUSES
THE FIRST NATIONAL BANK OF SAINT PAUL
MAPLEWOOD PROPERTIES, INC.

PARCEL NO. 129A
THE FIRST NATIONAL BANK OF SAINT PAUL
WILLIAMS BROTHERS PIPE LINE COMPANY

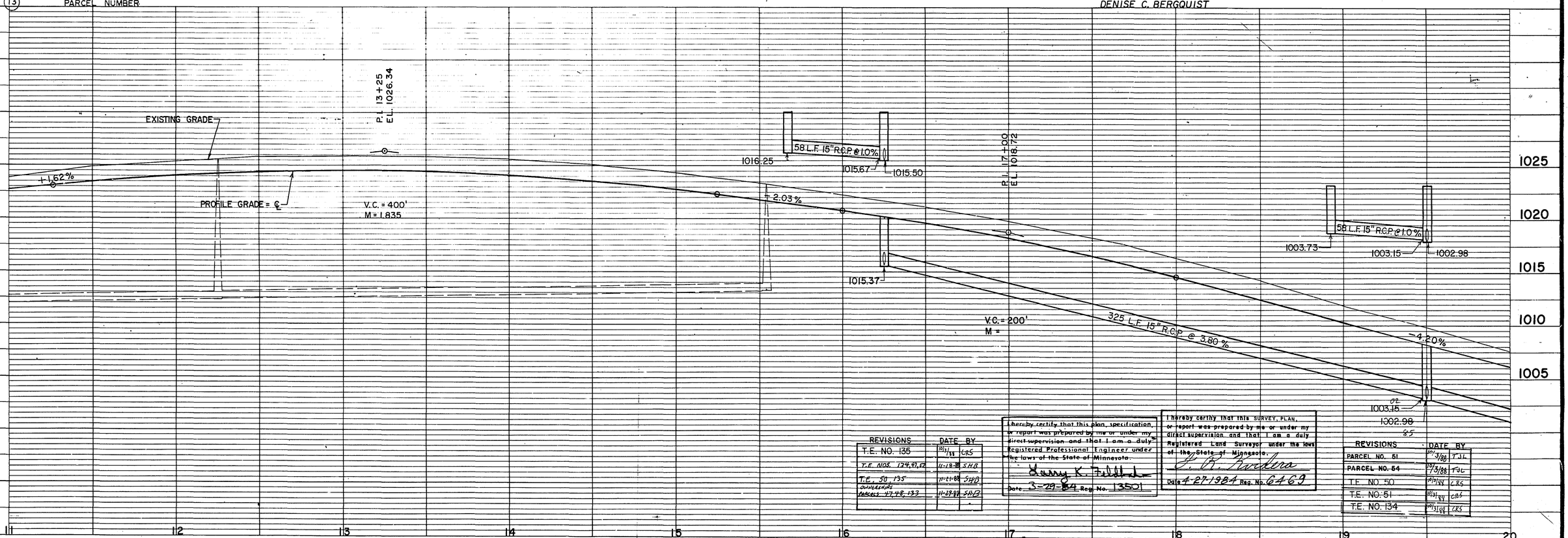
PARCEL NO. 131
ROBERT E. GILL
DELORES L. GILL
WILLIAMS BROTHERS PIPE LINE COMPANY

PARCEL NO. 132
DONALD L. WIENER
HILLCREST STATE BANK OF ST. PAUL
ROSEMARY T. WIENER

PARCEL NO. 133
~~MYLES R. MYERS~~
~~CAROL J. MYERS~~
~~THE FIRST NATIONAL BANK OF SAINT PAUL~~
DALE M. BERGQUIST
DENISE C. BERGQUIST

PARCEL NO. 134
RICHARD W. LOSSNER
CELIA J. LOSSNER
THE SPRING COMPANY

+31 RT 33' Begin Hedge
+94 RT 33'-45' End Hedge
+10 RT. 39' BEGIN HEDGE
+68 RT. 35'-100' END HEDGE



REVISIONS	DATE	BY
T.E. NO. 135	10/31/88	CRS
T.E. NOS. 124, 91, 62	11-18-88	SHB
T.E. 50, 135 CULVERTS	11-21-88	SHB
PARCELS 47, 48, 133	11-29-88	SHB

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fuller
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
G. R. Sundeen
Date 4-27-1984 Reg. No. 6469

REVISIONS	DATE	BY
PARCEL NO. 51	10/3/88	TJL
PARCEL NO. 54	10/3/88	TJL
T.E. NO. 50	10/31/88	CRS
T.E. NO. 51	10/31/88	CRS
T.E. NO. 134	10/31/88	CRS

STATE AID PROJ. NO. 62-668-20

SHEET NO. 28 OF 53 SHEETS

28-107

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

30 CFS
INFO NO.
ST. PAUL
DJC

PARCEL NO. 55
~~HAYDEN HEIGHTS~~
~~BAPTIST CHURCH~~
NANCY M. DAHLEN
N 1/2 LOT
BLOCK 1

TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

HO. 1847

LOT 6, BLOCK 1

PARCEL NO. 56
GREGORY E. GALVIN
KAREN J. GALVIN
FIRST NATIONAL BANK OF MINNEAPOLIS

HO. 1865

SO. 85' LOT 5,
BLOCK 1

PARCEL NO. 57
JOSEPH A. JONES
CONNIE D. JONES

HO. 1871

LOT 4 EXCEPT NO. 75'
LOT 5 EXCEPT SO. 85'
BLOCK 1

PARCEL NO. 58
WARREN RICHARD CASSELTON JR.
MARY ALICE CASSELTON
LITTLE FALLS FEDERAL SAVINGS AND LOAN ASSOCIATION
MAPLEWOOD STATE BANK

HO. 1879

NO. 75' LOT 4
BLOCK 1

PARCEL NO. 59
KENNETH G. HEUER
JOAN M. HEUER
LINCOLN FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL
LIBERTY STATE BANK

HO. 1881

LOT 3 EXCEPT NO. 1/2
OF NO. 1/2 BLOCK 1

PARCEL NO. 60
ROBERT W. NASE
JACQUELINE R. NASE

HO. 1891

SO. 1/2 LOT 2
NO. 1/2 OF NO. 1/2
LOT 3, BLOCK 1

PARCEL NO. 61
THOMAS R CARR
JACQUELINE A CARR
MINNESOTA HOUSING FINANCE CORPORATION

HO. 1897

NO. 1/2 LOT 2
BLOCK 1

PARCEL NO. 62
DOROTHY G. OTTO

HO. 1903

SO. 1/2 LOT 1
BLOCK 1

PARCEL NO. 63
ELMER HARTVIG CHRISTENSEN AND PATRICIA JANE CHRISTENSEN

HO. 1905

NO. 1/2 LOT 1
BLOCK 1

PARCEL NO. 64
THOMAS E. SANDSTROM
PHYLLIS H. SANDSTROM

MAPLEWOOD
G A R D E N S
H I L L C R E S T

HOLLOWAY AVE.
NO. ST. PAUL

CONST. LIMIT
EXIST. R/W
SECTION LINE & SURVEY LINE
McKNIGHT RD.
CONST. ℄
ABANDONED 6" C.I.P. FORCE MAIN
ABANDONED 6" C.I.P. FORCE MAIN
+40 RT. 34' 20" PINE
+78 RT. 36' 20" PINE
+87 LT. 35' 11" PINE
+23 LT. 44' 29" MAPLE
+73 LT. 32' Brush Hedge
B624 C&G
8"W.M.
8"S.P.M.H.
8"S.S.M.H.
8"S.S.B.X.
E.B.U.R.
G.V.
C.B.
M.H.
8"H.P.
4"M.P.
30" R.C.P.
25' R
33'
24'
26'
10'
17'
50'
66'
43'
23'

LOT 5
BLOCK 2

LOT 4, BLOCK 2

LOT 3, BLOCK 2

LOT 2, BLOCK 2

LOT 1, BLOCK 2

32' JACKED CROSSING

SAVE TREES

CONST. LIMITS

30" C.M.&D.H. PIPE

REVISED POND MAPLEWOOD

TIERNEY AVE.

4 CFS MAPLEWOOD

MAPLEWOOD

TIERNEY

PARK

LOCATION UNK.

+22 RT. 39
6-14" Willows

STA. 28+71.24

NO. 50' LOT 15

VACANT LOT

MATCH TO EXISTING CONST.

RAMSEY CO., MN.

HO. 1842
PARCEL NO. 135
RAYMOND F PETERSON
MARIE J. PETERSON

HO. 1848
PARCEL NO. 136
FRANCES L (HAUGSTAD) GRANT
REBECCA A. HAUGSTAD
TODD C. HAUGSTAD
MINNESOTA HOUSING FINANCE AGENCY

HO. 1854
PARCEL NO. 137
VIRGIL C. JOHNSON
SHARON J. JOHNSON
WASHINGTON FEDERAL SAVINGS AND LOAN ASSOCIATION OF STILLWATER

HO. 1860
PARCEL NO. 138
GEORGE C. AUDETTE
LAVONNE R. AUDETTE
THE FARMERS AND MECHANICS SAVINGS BANK OF MINNEAPOLIS

VACANT LOT
PARCEL NO. 139
RICHARD J. SCHREIER
PATRICIA A. SCHREIER

HO. 1886
LOT 19
PARCEL NO. 140
~~MAURICE D. CRAWLEY~~
~~SHIRLEY C. CRAWLEY~~
~~KNUTSON MORTGAGE & FINANCIAL CORPORATION~~

HO. 1892
LOT 18
PARCEL NO. 141
~~PHYLLIS G. REDDEN~~
JAMES R. REDDEN
KNUTSON MORTGAGE & FINANCIAL CORPORATION
COMMUNITY CREDIT CO.

HO. 1898
LOT 17
PARCEL NO. 142
GEORGE H. MURRAY III
MARY LOUISE MURRAY
HOME FEDERAL SAVINGS AND LOAN ASSOCIATION, SPRING VALLEY, MINN.

HO. 1904
LOT 16 + PART LOT 15
PARCEL NO. 143
GLEN G. DAHLQUIST
EMILY F. DAHLQUIST
MIDWEST FEDERAL SAVINGS AND LOAN ASSOCIATION OF MINNEAPOLIS

PARCEL NO. 144
CITY OF MAPLEWOOD

CHARLES M. ZUNIGA
SUSAN M. ZUNIGA
CAMERON-BROWN COMPANY

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- ☆ 3-3" DRAIN TILES TO BE HANDLED BY OTHERS
- PROPOSED DRAINAGE EASEMENT

EXISTING GRADE
PROFILE GRADE=℄
-4.20%
275 L.F. 15" R.C.P. @ 4.05%
58 L.F. 15" R.C.P. @ 1.0%
991.68
991.84
992.42
P.I. 24+50
EL. 987.23
V.C. = 300'
M= 0.64'
980.51
980.68
981.26
275 L.F. 15" R.C.P. @ 4.0%
-2.49%
315 L.F. 18" R.C.P. @ 1.20%
974.16
973.58
973.41
67 L.F. 18" R.C.P. @ 2.0%
972.07
971.9
1005
1000
995
990
985
980
975
20
21
22
23
24
25
26
27
28
29

REVISIONS	DATE	BY
T.E. NO. 140	9/14/88	CRS
T.E. NOS. 55-56-57-58&61	11-17-88	SHB
T.E. NOS. 136, 139, 140	11-17-88	SHB
PARCEL 140 OWNERSHIP	11-28-88	SHB

REVISIONS	DATE	BY
T.E. NO. 55	9/14/88	CRS
T.E. NO. 56	9/21/88	CRS
T.E. NO. 64	9/14/88	CRS
PARCEL NO. 55	10/5/88	TJL
T.E. NO. 136	9/14/88	CRS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Barry K. Feldhake
Date 3-28-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
T. R. Rivera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 29 OF 53 SHEETS

28-107

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 65
ROBERT D. ECKER
KAREN E. ECKER

PARCEL NO. 66
RICHARD A. HELLQUIST
DEBORAH L. HELLQUIST
NORTHLAND MORTGAGE COMPANY

PARCEL NO. 67
~~EDWARD L. LOVELL~~
NORTH SAINT PAUL
~~FAYE M. LOVELL~~
~~F B S HOMES, INC.~~

PARCEL NO. 68
~~JOHN M. GERETSCHLAEGER~~
VIVIAN M. GERETSCHLAEGER
TWIN CITIES FEDERAL SAVING AND LOAN ASSOCIATION

PARCEL NO. 69
RICHARD B. HERNANDEZ
SUSAN J. HERNANDEZ
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 70
WILLIAM J. JESSEN A.K.A.
WILLIAM J. JESSEN JR.
BARBARA L. JESSEN
MINNESOTA FEDERAL SAVINGS & LOAN ASSOCIATION
THE FIRST NATIONAL BANK OF SAINT PAUL

PARCEL NO. 71
CRAIG ALLEN MILLER
CHERYL MAE MILLER
FIRST STATE BANK OF SAINT PAUL

PARCEL NO. 72
HENRY JOHN GATZKE, JR.
MARCIA ANN GATZKE
NORTHERN FEDERAL SAVINGS AND LOAN ASSOCIATION

GUDIM'S LOT 18 — HO. 2255 HOL.
MECCA PARK BLOCK 1 LOT 1 — HO. 1949
HO. 1959 — LISA D. EVERTS
HO. 1985
GARY OLSON'S ADDITION LOT 2 — HO. 1971
ADDITION LOT 1 — HO. 1973
HO. 2254 R.CT. BLOCK 1 LOT 16
LARSON AND NELSON ADDITION — HO. BLOCK 1 LOT 2 / LOT 1

HOLLOWAY AVE. — McKNIGHT RD. — RYAN CT. Son.

EXISTING DRAINAGE EASEMENT — 5' CONC. WALK — 30" RCP — 42" RCP — 8" H.P. — 12" H.P. — 21" RCP — 2" H.P. — SECTION LINE — CONST. ℄ — OLD 6" D.I.P. — 6" D.I.P. — B612 C&G — LOG WALL — CURB — WALL — CONST. LIMITS — RECONSTRUCT — M.H. — GV — BUR. EL.

+85 RT. 36 16" OAK — +09 RT. 39 16" OAK — +34 RT. 35 14" OAK

25'R — 33' — 23' — 10' — 60' — 50' — 43' — 40' — 26' — 24'

29 — 30 — 31 — 33 — 34 — 35 — 36 — 37 — 38

PARCEL 145C
DALE P. KINGSBURY
~~KAROLYN J. KINGSBURY~~

LOT 6 BLOCK 4 LOT 2 — 4-PLEX — DECK — EXISTING B6-24 C&G
LOT 7 — LOT 8 — LOT 3 — LOT 4

PARCEL NO. 145
~~TOWNHOME INVESTMENT COMPANY, INC.~~
~~FIRST STATE BANK OF NEW BRIGHTON~~

DRAINAGE & UTILITY EASEMENT — LOT 1

PARCEL NO. 145A
~~TOWNHOME INVESTMENT CO., INC.~~
~~FIRST STATE BANK OF NEW BRIGHTON~~
ARLO H. LIEN
PATRICIA A. LIEN
LOT 1, BLOCK 3 — CONST. LIMITS — RECONSTRUCT CATCH BASINS — 4-PLEX — DECK

COWERN PL.

LOT 13 — LOT 12 — LOT 11 — LOT 10 — LOT 9 — LOT 8 — LOT 7 — LOT 6 — LOT 1 BLOCK 2 — LOT 2 — LOT 3

PARCEL NO. 146
CAR-DON CONSTRUCTION and MASONARY, INC.
AMERICAN NATIONAL BANK and TRUST COMPANY

PARCEL NO. 147
ROBERT F SAILER
~~SUSAN PALADIE SAILER~~
MARK L. BIERWERTH
RODELLA M. BIERWERTH

PARCEL NO. 148
~~KATHERYN M. SAWICKI~~
~~ZBIGNIEW P. SAWICKI~~
~~RYSZARD SAWICKI~~

PARCEL NO. 149
~~CAR-DON CONSTRUCTION and MASONARY, INC.~~
JOHN T. DEMKO — ~~C.P.~~
AMERICAN NATIONAL BANK AND TRUST COMPANY

PARCEL NO. 150
~~TOWNHOME INVESTMENT COMPANY, INC.~~
~~FIRST STATE BANK OF NEW BRIGHTON~~

COUNTRY CLUB ESTATES — COUNTRY CLUB HEIGHTS — COUNTRY CLUB ESTATES

148 A — DAVID M. ARNOLD, GAYLE M. ARNOLD
148 B — MICHCAL D. VAN ALSTINE, CAROLYN A. VAN ALSTINE

COUNTRY CLUB ESTATES HOMEOWNERS ASSOCIATION OF NORTH ST. PAUL

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

PARCEL 145B
JOHN P. KRASKY
MARY ANN KRASKY
JERRY SKELTON

PI. 30+00 EL. 973.53
V.C.=100' M=0.19
EXISTING GRADE
PROFILE GRADE = ℄
-2.49%
-1.10%
PI. 38+00

91 L.F. 15" R.C.P. @ 1.0%
49 L.F. 15" R.C.P. @ 1.0%
965.87 — 965.78 — 966.27 — 965.61
965.61 — 965.01 — 964.37
960.08 — 959.99 — 960.48 — 959.82
962.37 — 959.82

980 — 975 — 970 — 965 — 960

REVISIONS

	DATE	BY
T.E. NO. 147	10/4/88	CRS
T.E. NO. 65	11-16-88	S.H.B.
T.E. NO. 147	11-18-88	S.H.B.
T.E. NOS. 65, 146 SURVEYORS PARCELS 148A, 150	11-21-88	S.H.B.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6463

REVISIONS	DATE	BY
T.E. NO. 65 & 66	10/3/88	CRS
PARCEL No. 67	10/3/88	TJL
PARCEL No. 147	10/3/88	TJL
PARCEL No. 148	10/3/88	TJL
PARCEL No. 149	10/3/88	TJL

STATE AID PROJ. NO. 62-668-20

SHEET NO. 30 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 73
SAMI J. SLAIEH
MARY E. SLAIEH
KNUTSON MORTGAGE AND FINANCE CORPORATION

PARCEL NO. 74
~~BEREK BEN BIGOS~~
HELENA BIGOS
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
~~JOSEPH LOMBARDO AND JOYCE LOMBARDO~~
APT. 2240 SK.
DOROTHY BIGOS
HERSHEY BIGOS

NORTH SAINT PAUL

PARCEL NO. 75
DICK GREGOR
MAXINE GREGOR
METROPOLITAN LIFE INSURANCE COMPANY
APT. 2051
APT. 2061

PARCEL NO. 76
AMANDA T. HUSTON

NORTH ST. PAUL FIFTH ADDITION

LOT 1, BLOCK 2 McKNIGHT AIRES
BLOCK 1 LOT 1 LOT 2
BLOCK 11 LOT 21
VACATED BELMONT AVE.
HO 2007
HO 2077
EXISTING R/W
CONST. LIMITS
BUS SHELTER
C.B.121
C.B.125
C.B.6
MH.6
42" RCP
65' RCP
15" RCP
RECONSTRUCT
McKNIGHT RD.
B612 C&G
10" V.C.P.
SECTION LINE
CONST. ℄
C.B.12
C.B.120
C.B.119
C.B.123
C.B.124
C.B.231
MH.4
MH.5
SD231
36" RCP
27" RCP
SHRYER AVE.
BOULDER
EXISTING R/W
CONST. LIMITS
DECK
4-PLEX
WOODS
LOT 1 BLOCK 2
COUNTRY CLUB ESTATES
BLOCK I
KILLMAN AVE.
LOT 19
LOT 18
LOT 17
LOT 16
LOT 15
LOT 14
LOT 13
LOT 12
LOT 11
LOT 10
HO. 2044
HO. 2054
HO. 2060
HO. 2064
HO. 2068
HO. 2072
HO. 2074
HO. 2080
HO. 2082
NORTHWOOD HEIGHTS
CMP
15" CMC
K SAVE

PARCEL NO. 150A
~~TOWNHOME INVESTMENT COMPANY, INC.~~
~~FIRST STATE BANK OF NEW BRIGHTON~~
COUNTRY CLUB ESTATES HOMEOWNERS ASSOCIATION OF NORTH ST. PAUL

PARCEL NO. 151
~~JOSEPH T. ROGERS~~
~~LUCILLE I. ROGERS~~
~~ROBERT P. GLASS~~
~~JEAN M. SARAFOLEAN~~
~~WALDRON R. JEROME~~
~~HAROLD C. EDSTROM~~
PAULINE E. PHILLIPS

PARCEL NO. 152
~~JOSEPH A. WALTOS~~
STANLEY PAWLIK
TERESA PAWLIK

PARCEL NO. 153
KATHERYNE KOESLING

PARCEL NO. 154
~~HAROLD W. BECKER~~
~~ROXANNE M. BECKER~~
~~NORTHLAND MORTGAGE COMPANY~~
CLARENCE J. GALLAGHER

PARCEL NO. 155
ALLENE F. NELSON

PARCEL NO. 156
WILLIAM W. LYONS
MARGARET M. LYONS

PARCEL NO. 157
DALE S. FURRER
~~CYNTHIA M. FURRER~~
~~NORTHLAND MORTGAGE COMPANY~~
CHARLES E. WASHINGTON JR.
PEGGY J. WILLIAMS

PARCEL NO. 158
~~GEORGE K. ZEBE~~
~~DOROTHY C. ZEBE~~
MELVIN A. HUMPHREY
SHIRLEY A. HUMPHREY

PARCEL NO. 159
~~JAMES R. ROSS~~
~~DEBORAH J. ROSS~~
~~BANCO MORTGAGE COMPANY~~
WENDY L. DUFRESNE
BETH MARIE REICHOW

10 L.F. 15" R.C.P. @ 1.0%
24 L.F. 15" R.C.P. @ 0.5%
46 L.F. 15" R.C.P. @ 0.5%
15 L.F. 15" R.C.P. @ 0.5%
958.50
958.40
958.36
957.29
959.20
959.32
959.43
959.20
959.28
EXISTING GRADE
-1.10%
PROFILE GRADE = ℄
957.29
36 L.F. 15" R.C.P. @ 1.0%
55 L.F. 15" R.C.P. @ 1.0%
954.40
954.04
954.85
953.93
954.30
954.10
953.40
100' V.C.
M=0.075'
Pt. 41+00
El. 961.43
953.93
953.40
32 L.F. 15" R.C.P. @ 1.0%
21 L.F. 15" R.C.P. @ 0.5%
954.92
954.76
954.86
954.76
-0.517%
953.48
953.48

970 965 960 955 950

38 39 40 41 42 43 44 45 46 47

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS
- PROPOSED DRAINAGE EASEMENT

REVISIONS	DATE	BY
T.E. NO. 156	10/4/83	CRS
T.E. 71,75,73,150 OWNERSHIPS PARCELS 151-154,74	11-22-83	SJD
	11-29-83	SJD

REVISIONS	DATE	BY
T.E. NO. 73	10/1/88	LPS
PARCEL No. 152	10/3/88	TJL
PARCEL No. 157	10/3/88	TJL
PARCEL No. 158	10/3/88	TJL
PARCEL No. 159	10/3/88	TJL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Pahl
Date 3-29-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
T. R. Tuthill
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 31 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

FIFTH ADDITION TO NORTH ST. PAUL

NORTH SAINT PAUL

MATCH LINE STA. 8+59
SEE SHEET NO. 47

PT = 8+71.01

BLOCK 11

PARCEL NO. 77
LLOYD A. URBAN
LAVONNE M. URBAN
HOFFMAN'S CORNER OIL COMPANY
SUN OIL COMPANY OF PENNSYLVANIA
GAS STATION

PARCEL NO. 78
KATHLEEN M. PETERSON

PARCEL NO. 79
DONALD F. PALME
CAROLE V. PALME
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION
FIRST MERCHANT STATE BANK OF SAINT PAUL

PARCEL NO. 80
CONRAD J. HOLZEMER
MARION E. HOLZEMER
FARMERS AND TRADERS LIFE INSURANCE COMPANY

N. ST. PAUL RD. ℄ CONSTRUCTION CURVE 3
P.I. = 10+03.30
Δ = 7°57'32"
D = 4°
R = 1432.394'
T = 99.646
L = 198.97

BURKE AVENUE 60'

STA. 138+00
MATCH LINE
SEE SHT. 49

CASTLE WOOD
LOT 29

McKNIGHT RD.

B 624 C&G

494.97

SECTION LINE & ℄ SURVEY

EAST LINE LOT 29

SOUTH LINE LOT 29

ROAD

COUNTY

WATER

RECONSTRUCT

CONST. ℄

15" CMP

D.C.B.

BEGIN WALL + 55
BEGIN FENCE + 55

WALL

T.E. CONST. LIMITS

15'X15' Δ PROPOSED R/W ACQ.

PROPOSED 5' WIDE CONC. SIDEWALK.

APT. BLDG. 2145

HO. 2149

HO. 2121

HO. 2092

HO. 2096

HO. 2146

HO. 2267
TRACT "E" R.L.S NO. 52

HO. 2270

HO. 2293
7th AVE.

LOT 1 · LOT 5 · LOT 6 · LOT 7 · LOT 8 · LOT 9 · LOT 10 · LOT 11 · LOT 12 · LOT 13 · LOT 14 · LOT 15

BLOCK 10 · BLOCK 1 · BLOCK C · BLOCK A

NORTHWOOD HEIGHTS

P.O.T. McKNIGHT RD. STA. 50+00.89
7TH AVE. STA. 10+00.00
Δ NO. ST. PAUL RD. 1° 03' 53" RT.

+20 BEGIN TAPER
+30 END TAPER RT

NOTE: MEDIAN ISLAND RADII IS 3' TO FACE OF CURB UNLESS OTHERWISE NOTED

NOTE: CONST. EASEMENTS PAST THE R/W LINE HAVE BEEN REMOVED.

MATCH LINE STA. 11+60
SEE SHEET NO. 48 FOR REVIONS, ALSO
NORTH SAINT PAUL

MATCH LINE STA. 140+00
SEE SHT. 49

PARCEL NO. 160
~~JEFFREY G. KUMMER~~
~~MARSHA C. KUMMER~~
~~SUBURBAN COASTAL CORP.~~
~~BANCO MORTGAGE COMPANY~~
JOHN THOMAS TRIPLETT
ROXANN M. TRIPLETT

PARCEL NO. 161
~~JOHN N. OLSEN~~
BARBARA A. OLSEN
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION
(JOHN J. SCOTT JR.)

PARCEL NO. 162
KWONG C. LUM
PETER N. CREE
UNITED MORTGAGE CORPORATION

PARCEL NO. 163
BERNARD L. MERTENS
MARIE M. MERTENS

PARCEL NO. 164
~~ALAN LEE LAUERMANN~~
~~UNITED FIRST MORTGAGE CORPORATION~~
JOSEPH SCHEUNEMANN
ROGER VORWERK
PROGRESS INVESTMENTS
JOHN C. KOERNER
DEBORAH C. KOERNER

PARCEL NO. 165
MELVIN H. ENGELMANN
BELL FEDERAL SAVINGS AND LOAN ASSOCIATION

WALL STA. 53+00 TO +60 SALVAGE & INSTALL C-L FENCE AS DIRECTED 33' TO 34.5' RT.

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER
- PROPOSED TEMPORARY SLOPE EASEMENT
- PROPOSED DRAINAGE EASEMENT

WARP GRADE
N.E. ROADWAY

5 L.F. 15" R.C.P. @ 1.0%
53 L.F. 15" R.C.P. @ 1.0%
62 L.F. 15" R.C.P. @ 0.50%

EXISTING GRADE
PROFILE GRADE = ℄

-5.17%
+0.46%
-3.20%
-1.46%

EL=957.75
VC=75'
M=0.091875
EL=957.73
EL=957.90
P.I. 50+75
EL=958.59
V.C.=300'
M=1.3725
EL=953.79
P.I. 54+00
EL=948.19
V.C.=50'
M=0.10875'
P.T. 52+25
P.V.C. 48+12.5
P.I. 48+50
EL. 957.55
P.T. 48+87.5
P.V.C. 49+25

952.50 · 952.45 · 952.15 · 952.68 · 951.15 · 952.28 · 952.36 · 955.47 · 955.64 · 955.95 · 952.15 · 951.30 · 951.15 · 950.80 · 951.05 · 949.95 · 941.84 · 941.34

960 · 955 · 950 · 945

47 · 48 · 49 · 50 · 51 · 52 · 53 · 54 · 55 · 56

REVISIONS	DATE	BY	REVISIONS	DATE	BY
~~PARCEL No. 163~~ PARCEL No. 165	5/15/84	LKF	T.E. NO. 163	10/3/88	C.R.S.
PARCEL No. 160	10/3/88	T.J.L.	T.E. NO. 165	10/3/88	C.R.S.
PARCEL No. 161	10/3/88	T.J.L.	T.E. NO'. 163, 164, 245	11-23-88	S.H.B.
T.E. NO. 160	10/3/88	C.R.S.	OWNERSHIP NO. 164	11-28-88	S.H.B.
T.E. NO. 162	10/3/88	C.R.S.			

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fiddler
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Kindera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 32 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 82
JOHN E. BLOOMQUIST, INC.

PARCEL NO. 83
OWNERSHIPS LISTED BELOW

PARCEL NO. 84
SAHARA INVESTMENT CO.
ANCHOR BLOCK COMPANY
THE FIRST NATIONAL BANK OF SAINT PAUL
JOHN STEVEN BIALOZYNSKI
WILLIAM F. SCHIFSKY AND LaVERNE M. SCHIFSKY
THOMAS M. SCHIFSKY AND FRANCES M. SCHIFSKY
JEROME O. SCHIFSKY AND MARGO L. SCHIFSKY
CHRISTINE M. HOGEN AND JAMES CHARLES HOGEN
GREGORY E. SCHIFSKY

PARCEL NO. 81
DALE M. HAMLIN
JANET M. HAMLIN
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

LOT 29 CASTLE WOOD
HO. 2255
LOT 28
LOT 21
354' TO S. LINE LOT 21, CASTLEWOOD
PROPOSED ℄
PROPOSED 20' STORM SEWER EASEMENT
PROPOSED 26' ENTRANCE
PROPOSED 5' WIDE CONC. SIDEWALK
ABANDONED LINE RAILROAD
+00 BEGIN TAPER LT & RT.
CONST. LIMITS
CLOSE ENT.
PROPOSED 26' ENT.
PROP. R/W
CENTER MEDIAN
EXISTING MEDIAN
REMOVE
RR. SIGN
SECTION LINE & SURVEY LINE
EAST LINE LOT 29
McKNIGHT RD.
CONST. ℄
MH.
SIGNAL
DOC. NO. 427386
TRACT "E"
TRACT "A"
R. L. S. NO. 52
PROPOSED CONST. LIMITS 12-17-86
LOT 4
LOT 1 BLOCK 3
LOT 12
LOT 11
LOT 10
LOT 9 BLOCK 2
EXIST. R/W
NORTH ST. PAUL PROPER
LEASE BLOCK TO ANCHOR BLOCK CO.

PARCEL NO. 165
MELVIN H. ENGELMANN
BELL FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 166
ANCHOR BLOCK COMPANY
THE FIRST NATIONAL BANK OF SAINT PAUL
FIRST TRUST COMPANY OF SAINT PAUL AND LUCILLE E. GIANNACCINI, EXECUTORS
GENERAL ELECTRIC CREDIT CORPORATION
LUCILLE E. GIANNACCINI

PARCEL NO. 83
SOO LINE RAILROAD COMPANY
FIRST NATIONAL BANK OF MINNEAPOLIS
FRANK B. KRAUSE, TRUSTEES
THE NORTHERN TRUST COMPANY
CHARLES H. CORY II TRUSTEES

PARCEL NO. 166A
ANCHOR BLOCK COMPANY
THE FIRST NATIONAL BANK OF SAINT PAUL
FIRST TRUST COMPANY OF SAINT PAUL AND LUCILLE E. GIANNACCINI, EXECUTORS
GENERAL ELECTRIC CREDIT CORPORATION
LUCILLE E. GIANNACCINI

NORTH SAINT PAUL

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS
- PROPOSED DRAINAGE EASEMENT

EXISTING GRADE
PROFILE GRADE = ℄
-1.46%
V.C. = 100'
M = 0.26'
+0.58%
P.I. 58+00 EL. 942.35
P.I. 60+50 EL. 943.80
V.C. = 150'
M = 0.20'
-0.50%
943.08
942.64
943.37
943.43
950
945
940
56 57 58 59 60 61 62 63 64 65

REVISIONS	DATE	BY	REVISIONS	DATE	BY
STORM SEWER ESMT.	7/1/87	B.J.	T.E. NOS. 84, 166A	11-3-88	SB
T.E. NO. 82	9/30/88	CDS			
PARCELS 81+82 LOT LINE	11-23-88	SB			
T.E. NO. 82	11-23-88	SB			
H.E. NO. 82	11-23-88	SB			

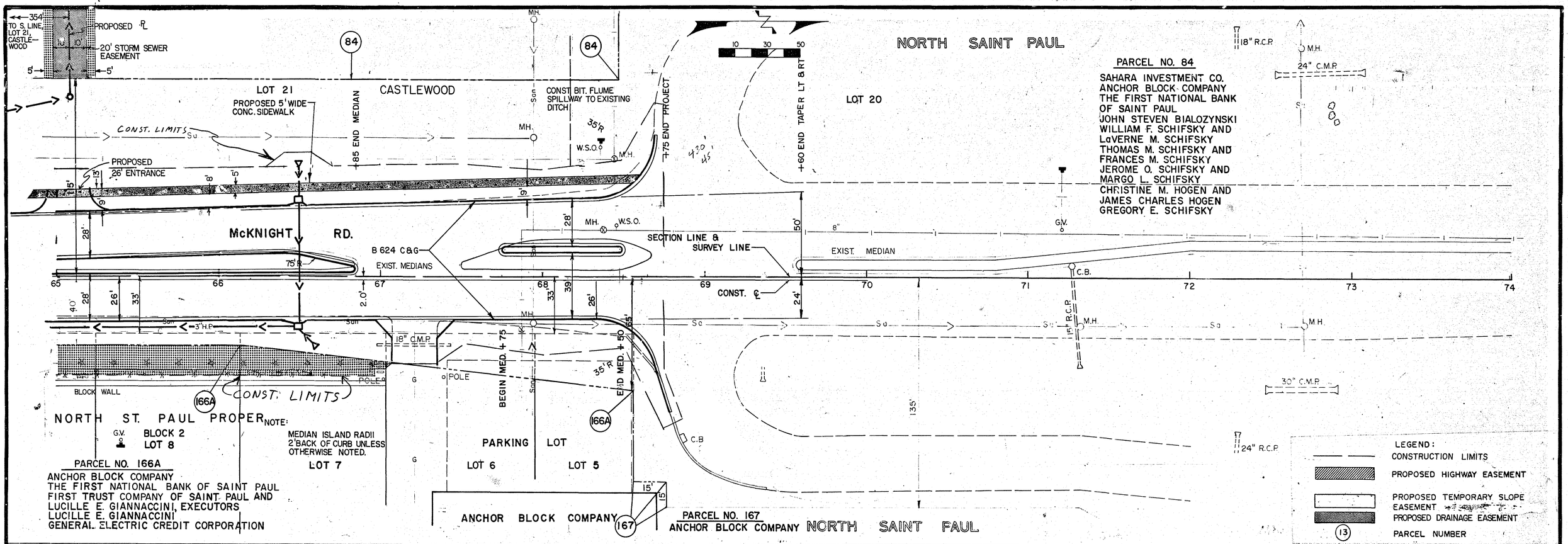
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K Fiddler
Date 3-29-84 Reg. No. 13501

I hereby certify that this survey, plan, report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota
J. R. Rudera
DATE 4-27-1984 REG. NO. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 33 OF 53 SHEETS

28-103



REVISIONS	DATE	BY	REVISIONS	DATE	BY
STORM SEWER ESMT.	7/1/87	B.J.			
T.E. 166A	11-23-83	S.B.			

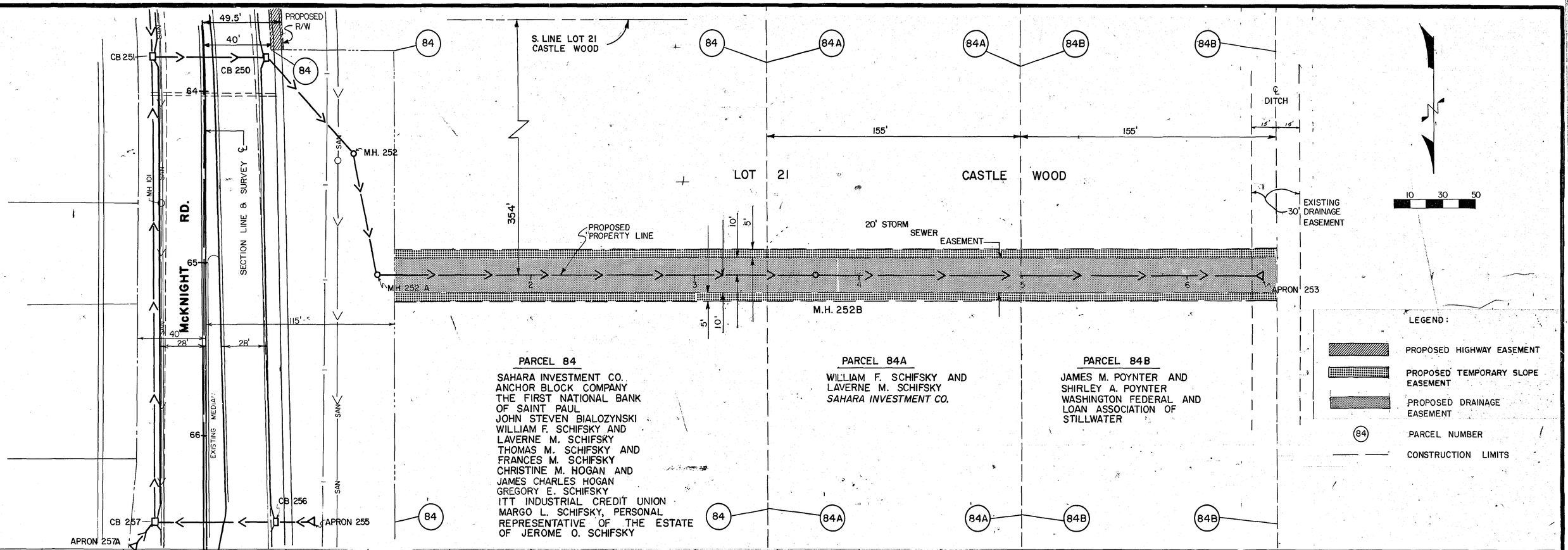
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Larry K. Fieldsa
Date 3-29-84 Reg. No. 13501

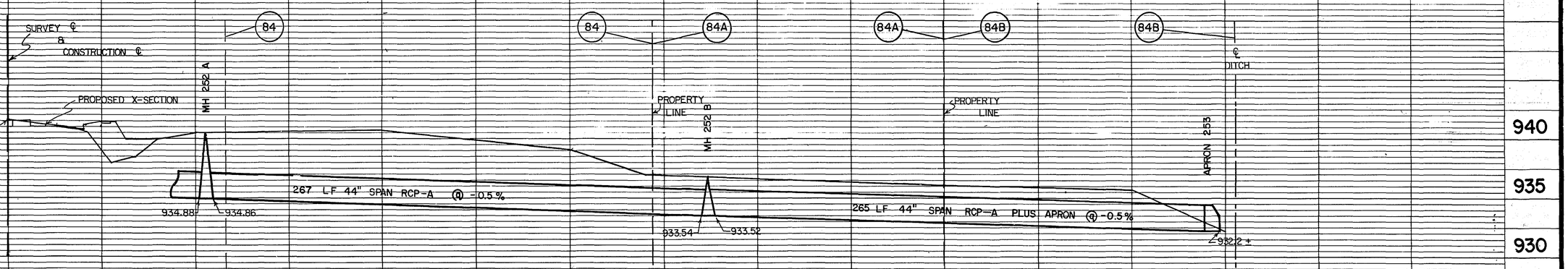
I hereby certify that THIS SURVEY, PLAN or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. R. Rivera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 34 OF 53 SHEETS

28-103





REVISIONS	DATE	BY	REVISIONS	DATE	BY
STORM SEWER EASMT.	7/1/87	G.J.			
OWNERSHIP PARCEL 84A	11-27-86	JJ			

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A D LY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Joseph A. Doucha

DATE 7-2-87 REG. NO. 8271

STORM SEWER EASMENT

S.P. 62-668-20

Sheet No. 34A of 53 Sheets

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY	LKF & BJ	11/82		
UTILITIES	LKF & BJ	11/82		
PROFILE				

PARCEL NO. 168
HAZEL PARK BRANCH OF THE CHRISTIAN AND MISSIONARY ALLIANCE, A CORPORATION
ST. PAUL FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 169
ARTHUR T. HARRIS
LILLIAN T. HARRIS

PARCEL NO. 170
PATRICIA A. SINKS

PARCEL NO. 171
MICHAEL R. FORTNEY
COMMERCIAL STATE BANK IN ST. PAUL

PARCEL NO. 172
OTTO B. KLETT
AURORA M. KLETT

PARCEL NO. 173
DONALD R. NELLESSEN
DOROTHY N. NELLESSEN

PARCEL NO. 174
LEWIS JOHN CROSBY
LORRAINE ELVERA CROSBY

PARCEL NO. 175
HARRY A. WILKE
JOAN A. WILKE
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 176
NORMAN F. PAUL
ALICE M. PAUL
BANCO MORTGAGE COMPANY

PARCEL NO. 177
MUNG-LIN SIMON TAN
HOME FEDERAL SAVINGS AND LOAN ASSOCIATION OF MINNEAPOLIS

PARCEL NO. 3
SANDRA J. WAHLBERG
CAROLYN M. BRADLEY
NORTHERN FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 178
HOWARD J. FORRESTALL

PARCEL NO. 179
ROBERT H. ADRIAN
MARIE ADRIAN
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 180
ANDREW MORZENTI

PARCEL NO. 181
ELLERY W. PERRY
JOAN M. PERRY
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 182
ANTHONY J. HARTMANN
KATHERINE E. HARTMANN

PARCEL NO. 183
LARRY W. MONSON
MARY T. MONSON
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 184
BALLARD P. STANCHFIELD
MARVIS E. STANCHFIELD
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 185
RICHARD O. JACOBSON
MARY J. JACOBSON
THE MINNESOTA MUTUAL LIFE INSURANCE COMPANY

PARCEL NO. 186
ROBERT F. DECK
HELLEN G. DECK

PARCEL NO. 187
ARCHIE L. JOHNSON
DELORES J. JOHNSON

PARCEL NO. 188
ADELAIDE M. ROSS
ROBERT W. ROSS
JANET J. ROSS

PARCEL NO. 189
LLOYD G. EASTLICK
VALERIE L. EASTLICK

PARCEL NO. 190
GAJENDRA V. JANI
KANTA G. JANI
BANCO MORTGAGE COMPANY

PARCEL NO. 2
RICHARD M. McMAHON
FIRST STATE BANK OF SAINT PAUL

N

SCALE 1"=30' 50'

MISC.

60' STREET — STORM SEWER — C.B. — M.H. — G.V. — 27" — 8" — 24" — 33" STORM — 60' HOWARD

200' — 45' — 40' — 35' — 20'

RECONSTRUCT C.B. — EXISTING B618 C & G

REMOVE OR ABANDON EXISTING C.B. LEADS

EXISTING COMBINED SEWER

6" D.I.P. — CONSTRUCTION LIMITS

EAST THIRD STREET

So. VAULT — 8" C.I.

RECONSTRUCT 8 C.B.

MATCH LINE, STA. 51+89 SEE SHEET No. 11

ST PAUL FOOSHES EAST HOME ADDITION NO. 4

BLOCK 7

ST PAUL FOOSHES EAST HOME ADDITION NO. 3

BLOCK 6

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

+84 C.B. — +80 M.H. — +102 C.B.

EL. 956.95 — EL. 956.85 — EL. 956.6

35 LF. 15" R.C.P. — 25 LF. 15" R.C.P.

REMOVE OR PLUG & ABANDON EXISTING SEWER LEADS.

EXISTING COMBINED SANITARY & STORM SEWER

+64 C.B. — +56 M.H. — +45 M.H. — +64 C.B.

EL. 968.38 — EL. 968.04 — 34 L.F. 15" R.C.P.

EL. 968.78 — 20 L.F. 15" R.C.P. — EL. 968.58

EL. 964.89 — EXISTING COMBINED SANITARY & STORM SEWER

+80 — +110 — +45

132 L.F. 24" R.C.P. @ 0.5%

130 L.F. 24" R.C.P. @ 0.5%

235 L.F. 18" R.C.P. @ 3.25%

280 L.F. 15" R.C.P. @ 3.25%

EL. 955.94 — EL. 956.60 — EL. 957.25 — EL. 964.89 — EL. 974.00

EXISTING COMBINED STORM & SANITARY SEWER

REMOVE OR ABANDON EXISTING SEWER PIPE AND EXISTING M.H.

CONSTRUCT M.H. OVER EXISTING COMBINED STORM & SANITARY SEWER PIPE

SEE McKNIGHT RD. SHEET No. FOR DETAILS

985 / 980 / 975 / 970 / 965 / 960 / 955 / 950

44 45 46 47 48 49 50 51 52

THIRD STREET

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Zellmer
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. K. Zellmer
Date 4-27-1984 Reg. No. 6469

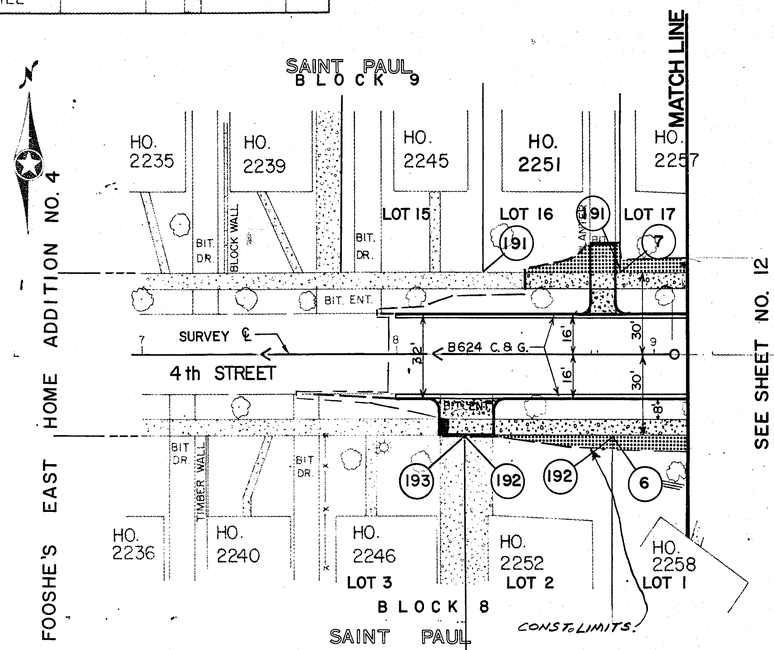
STATE AID PROJ. NO. 62-668-20

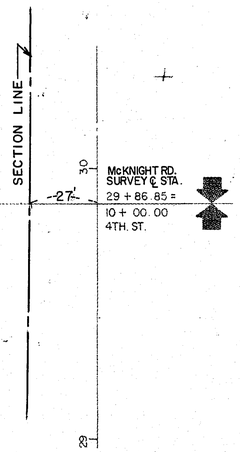
SHEET NO. 35 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 191
LEROY M. JOHNSON
MARGARET ANN JOHNSON





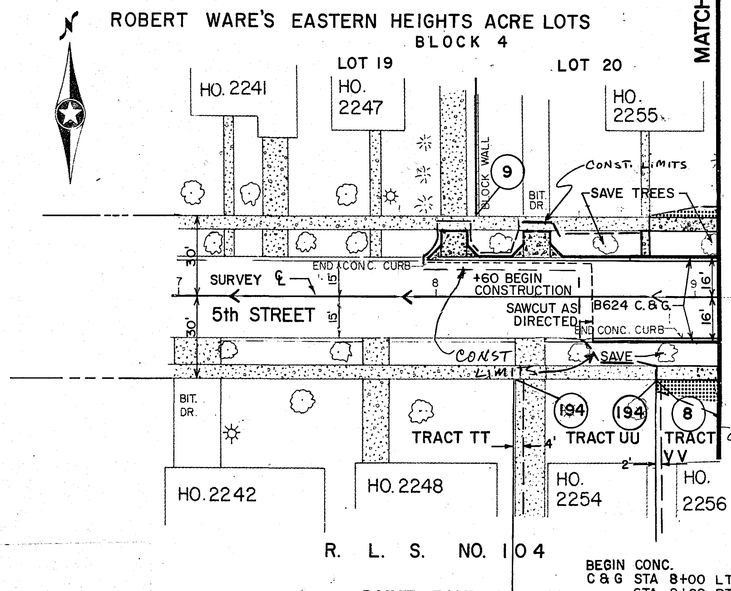
10 30 50
SCALE

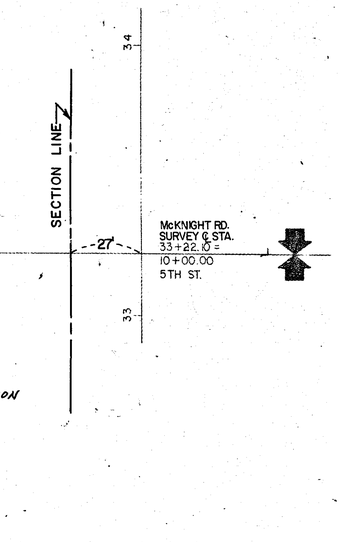
PARCEL NO. 193
MICHAEL A. THELL
BEVERLY A. THELL
THE LOMES AND
NETTLETON COMPANY

BEGIN CONC.
C&G STA 8+00

PARCEL NO. 192
GREGORY R. PETERSON
MARIAN C. PETERSON
TWIN CITY FEDERAL SAVINGS
AND LOAN ASSOCIATION

PARCEL NO. 9
FRED J. CROPSEY
JOYCE ANN CROPSEY
EASTERN HEIGHTS
STATE BANK OF
SAINT PAUL



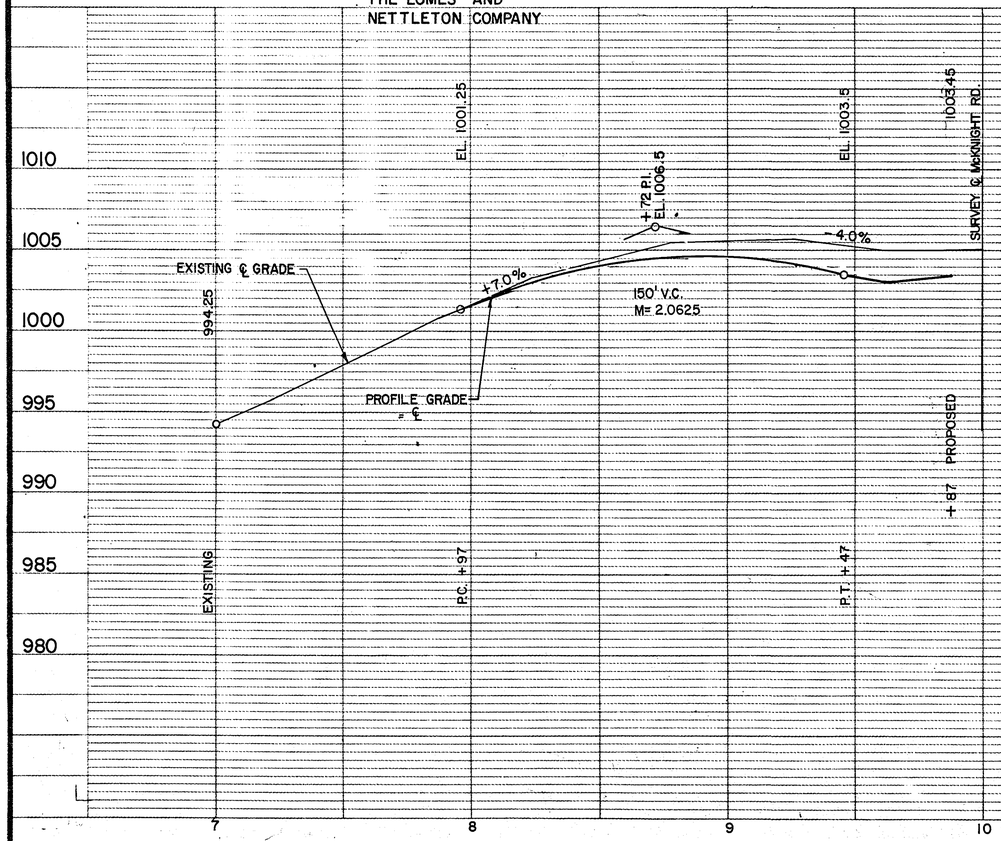


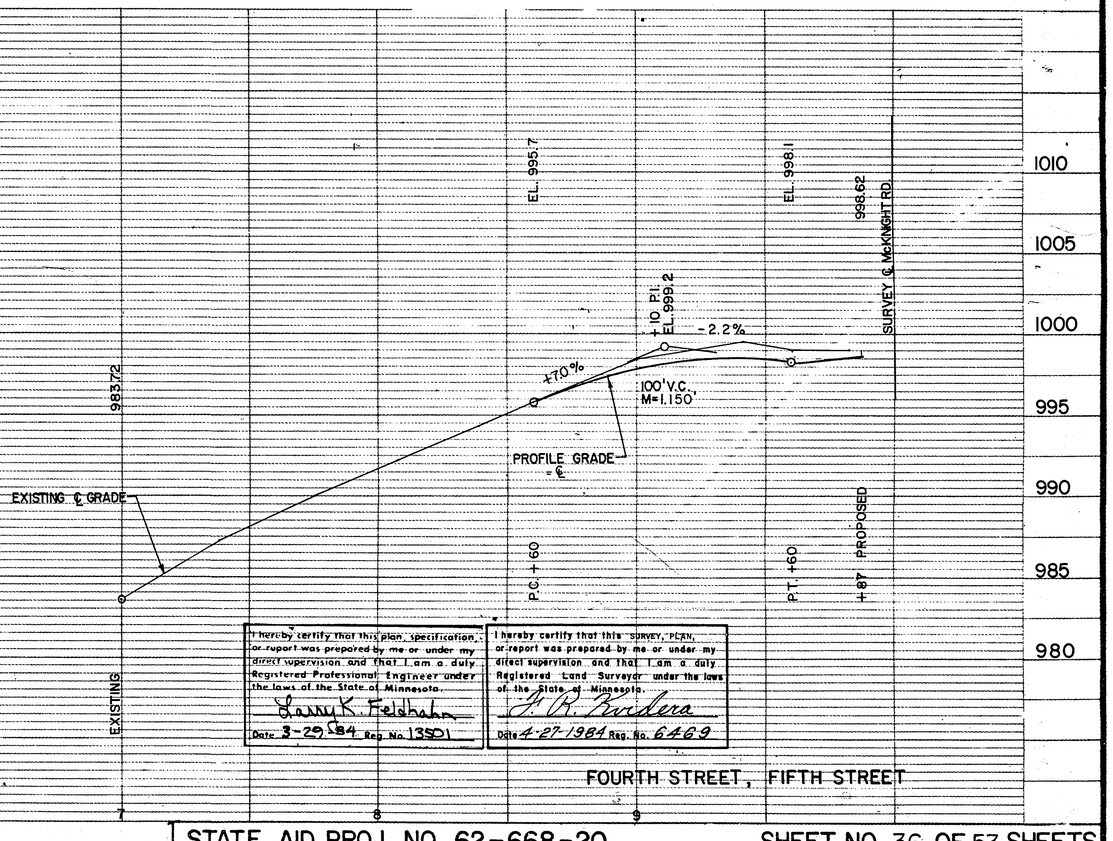
BEGIN CONC.
C&G STA 8+00 LT.
STA 8+60 RT.

PARCEL NO. 194
HARLAN E. LEISTIKOW
JUDITH M. LEISTIKOW
MINNESOTA FEDERAL SAVINGS
AND LOAN ASSOCIATION

LEGEND:

- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS





I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Feldhahn
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Rivdera
Date 4-27-1984 Reg. No. 6469

FOURTH STREET, FIFTH STREET

STATE AID PROJ. NO. 62-668-20

SHEET NO. 36 OF 53 SHEETS

28-103

TOPOGRAPHY
UTILITIES
PROFILE

PARCEL NO. 196
EDWARD P. ABUAN
JUDY A. ABUAN
BANCO MORTGAGE COMPANY

PARCEL NO. 198
EUGENE W. ROGERS
JEAN ROGERS

PARCEL NO. 199
THOMAS C. THOMPSON
FIRST TRUST COMPANY OF SAINT PAUL

PARCEL NO. 16
CLIFFORD D. GEBHARD
VALERIE V. GEBHARD

PARCEL NO. 195
EMMANOUEL KAPPOS
ALICE KAPPOS
FIRST TRUST COMPANY
OF SAINT PAUL

PARCEL NO. 197
SIDNEY G. GADOW
WILLIAM H. GADOW

CONST. LIMITS

SEE SHT. NO. 39
STA. 0+94
MATCH LINE

10 30 50
SCALE

SCALE: 1" = 30'

HO 2235 | HO 2239 | HO 2243 | HO 2249 | HO 2257

LOT 24 | LOT 25 | LOT 26 | LOT 27 | LOT 28 | LOT 29 | LOT 30

EAST AVE.

CONSTRUCT 26' BIT. ENTRANCE

B624 C.&G.

SURVEY LINE & SECTION LINE

CONST. ℄ 40:1 TAPER

MINNEHAHA AVE. (T.H. 5)

B624 C.&G.

DOC. NO. 488465

CONSTRUCTION LIMITS

+00 BEGIN CONST. ℄ TAPER

BEGIN TAPER

+50 CURB

MATCH LINE STA. 9+83 (SEE SHEET NO. 13)

PARCEL NO. 200
KEITH R. SETLEY
NORTHERN FEDERAL SAVINGS
AND LOAN ASSOCIATION

LOT 3

PARCEL NO. 15
VERNON M. EIDE & ALICE L. EIDE
TIMOTHY M. EIDE & BEVERLY J. EIDE
TWIN CITY FEDERAL SAVINGS
AND LOAN ASSOCIATION
2244 S-1 LIMITED PARTNERSHIP C.P.

APT. 2248

LOT 1

LOT 2
BLOCK 1

+40 CONST. ℄ P.I.

ST. PAUL

ROBERT L. WARE'S EASTERN HEIGHTS ACRE LOTS

PARCEL NO. 86
ANTHONY E. CHICONE
HELEN A. CHICONE

BLDG.

LOT 13 | LOT 14

B612 C.&G.

CONSTRUCTION LIMITS

PARKING

CONSTRUCT WALL

PARCEL NO. 201
JOHN B. RUBBELKE
REGINA ANNA RUBBELKE

PARCEL NO. 202
DONALD C. PLUMB
SHIRLEY L. PLUMB
KUNTSON MORTGAGE
AND FINANCIAL CORPORATION

PARCEL NO. 203
LAUNIE A. MAKI
FEDERAL NATIONAL
MORTGAGE ASSOCIATION

MINNEHAHA SUBURBAN HEIGHTS

SOUTH 1/2 LOT 15 | LOT 16 | LOT 17

HO. 2299 | HO. 2303 | HO. 2311

CONSTRUCTION LIMITS

(SEE SHEET NO. 14) MATCH LINE STA. 12+66

SURVEY LINE & SECTION LINE

MINNEHAHA AVE.

CONST. ℄

40:1 TAPER

PROPOSED R/W LINE

CONST. LIMITS

PARCEL NO. 85A
MINNESOTA MINING AND MANUFACTURING CO.
FIRST NATIONAL BANK OF MINNEAPOLIS

+00 END CONST. ℄ TAPER
END B624 C.&G.
BEGIN 15:1 TAPER RT.

+03 TAPER P.I.

MAPLEWOOD

LEGEND:

PROPOSED HIGHWAY EASEMENT

PROPOSED TEMPORARY SLOPE EASEMENT

(13) PARCEL NUMBER

CONSTRUCTION LIMITS

PROFILE

PROPOSED ℄ PROFILE GRADE

EXISTING ℄ GRADE

+3.08 %

+1.81 %

-0.73%

+2.86 %

-0.45%

V.C. = 100'
M = 0.155'

VC=125'
M=0.5609375'

VC=300'
M=1.24125'

P.I. = +00
ELEV. 994.54

P.C. +50

P.T. +50

P.I. +50
ELEV. 999.38

P.T. +12.5

P.C. +20

P.I. +70
EL. 1002.67

WARP

McKNIGHT RD

PROPOSED EDGE McKNIGHT RD.

SURVEY ℄ McKNIGHT RD.

PROPOSED ℄ McKNIGHT RD.

PROPOSED EDGE McKNIGHT RD.

R.C. + 87.5

985.3 | 993.0 | 994.4 | 996.44 | 996.88 | 996.85 | 997.10 | 998.17 | 998.38

1005 | 1000 | 995 | 990 | 985 | 980

+00 | +05 | +41 | +53 | +83

7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

Date 4-27-1984 Reg. No. 6469

MINNEHAHA AVE.

STATE AID PROJ. NO. 62-668-20

SHEET NO. 37 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

PARCEL NO. 204
MARIE V. ROBINSON
DAVID P. ROBINSON
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 205
KARIN M. KINNEY
THE SCHENECTADY SAVINGS BANK

PARCEL NO. 206
DAVID L. SCHRIBER
VIRGINIA A. SCHRIBER
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

MAPLEWOOD

PARCEL NO. 207
THOMAS JOHN JACKA
SHARON P. JACKA
FIRST STATE BANK OF ST. PAUL
THE SPRING COMPANY

PARCEL NO. 208
GIULIO CASCI
MARY CASCI
BRUCE L. DUDDING

PARCEL NO. 209
JAMES M. LINDENFELSER
MILDRED M. LINDENFELSER

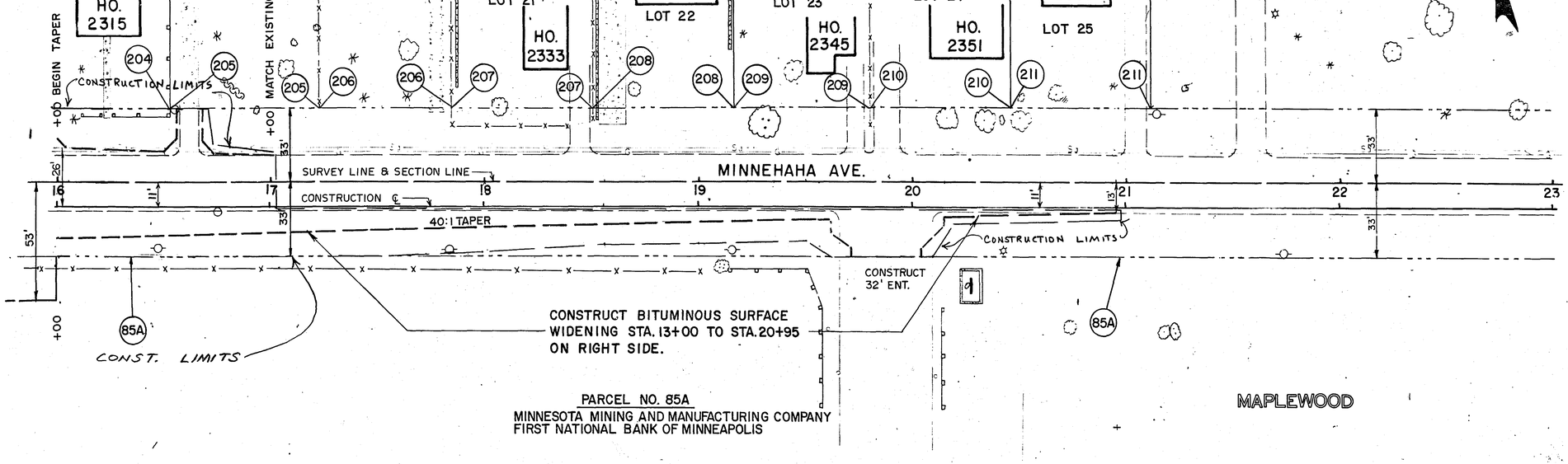
PARCEL NO. 210
MYRA J. BECKERMANN
ST. PAUL FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 211
HAROLD A. LARSON
FLORENCE M. LARSON

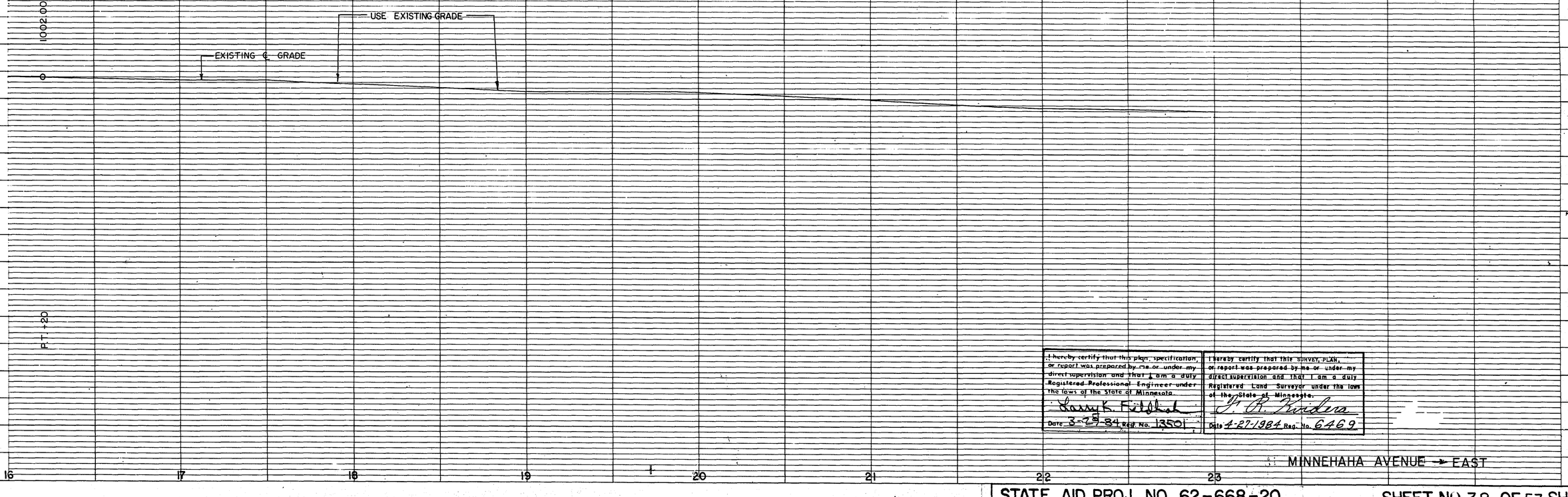
HO. 2315 · HO. 2333 · HO. 2339 · HO. 2345 · HO. 2351 · HO. 2355 · HO. 2369

LOT 18 · LOT 19 · LOT 20 · LOT 21 · LOT 22 · LOT 23 · LOT 24 · LOT 25

10 30 50
SCALE
SCALE: 1" = 30'



LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fuhrer
Date 3-28-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
D. R. Anderson
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 38 OF 53 SHEETS

28-103

TOPOGRAPHY		
UTILITIES		
PROFILE		

SCALE 10 30 50

PARCEL NO. 16
CLIFFORD D. GEBHARD
VALERIE V. GEBHARD

ST. PAUL

PARCEL NO. 16A
ROBERT L. CREAGER
SANDRA J. CREAGER

HO. 2257

GAR.

HO. 2256

HO. 2255

PARCEL NO. 18
WARREN FORSBERG
JUREANE H. FORSBERG
FIRST STATE BANK OF SAINT PAUL

PARCEL NO. 20
WARREN FORSBERG AND JUREANE FORSBERG
THOMAS M. WIENER AND EUNICE C. WIENER
NORTHWESTERN STATE BANK, SAINT PAUL, MINNESOTA

STA. 0+94 SEE SHT. NO. 37 MATCH LINE

CONSTRUCT BARRIER MOUND

SECTION LINE & SURVEY ℄

CONSTRUCTION LIMITS

McKNIGHT RD. (EAST AVE.)

CONSTRUCT 26' ENT.

B624 ℄ & G

PROPOSED R/W

REANEY AVE.

CONST. ℄ SURVEY ℄

MATCH EXISTING

HO. 75

LOT 15

CONSTRUCTION LIMITS

AUDITORS SUBDIVISION NUMBER 77

SUBDIVISION OF LOT 16 AUDITORS SUBDIVISION NUMBER 77 FOR CARDINAL PARK OFFICE BUILDING

BLDG. LOT 16

BLDG. 18 LOT 16A

54.4'

BLDG LOT 17

PARKING LOT

CONSTRUCTION LIMITS

MAPLEWOOD

PARCEL NO. 17
ALLEN A. HOHENWALD
PHYLLIS A. HOHENWALD

BLDG. 18

BLDG.

SAVE TREES

PARCEL NO. 212
EARL W. BERGQUIST

GAR.

MATCH LINE SEE SHEET NO. 14
STA. 1+76

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- CONSTRUCTION LIMITS

EAST AVE.

EXISTING GRADE

USE EXISTING GRADE

1005
1000
995
990

0 1 2 3 4

REANEY AVE.

MATCH EXISTING 0+00

PROFILE GRADE = ℄

-0.56 %

EXISTING GRADE

EL. 1000.68

3+00 FACE OF CURB McKNIGHT ROAD

1005
1000
995
990

0 1 2 3 4

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fullerton
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Anderson
Date 4-27-1984 Reg. No. 6469

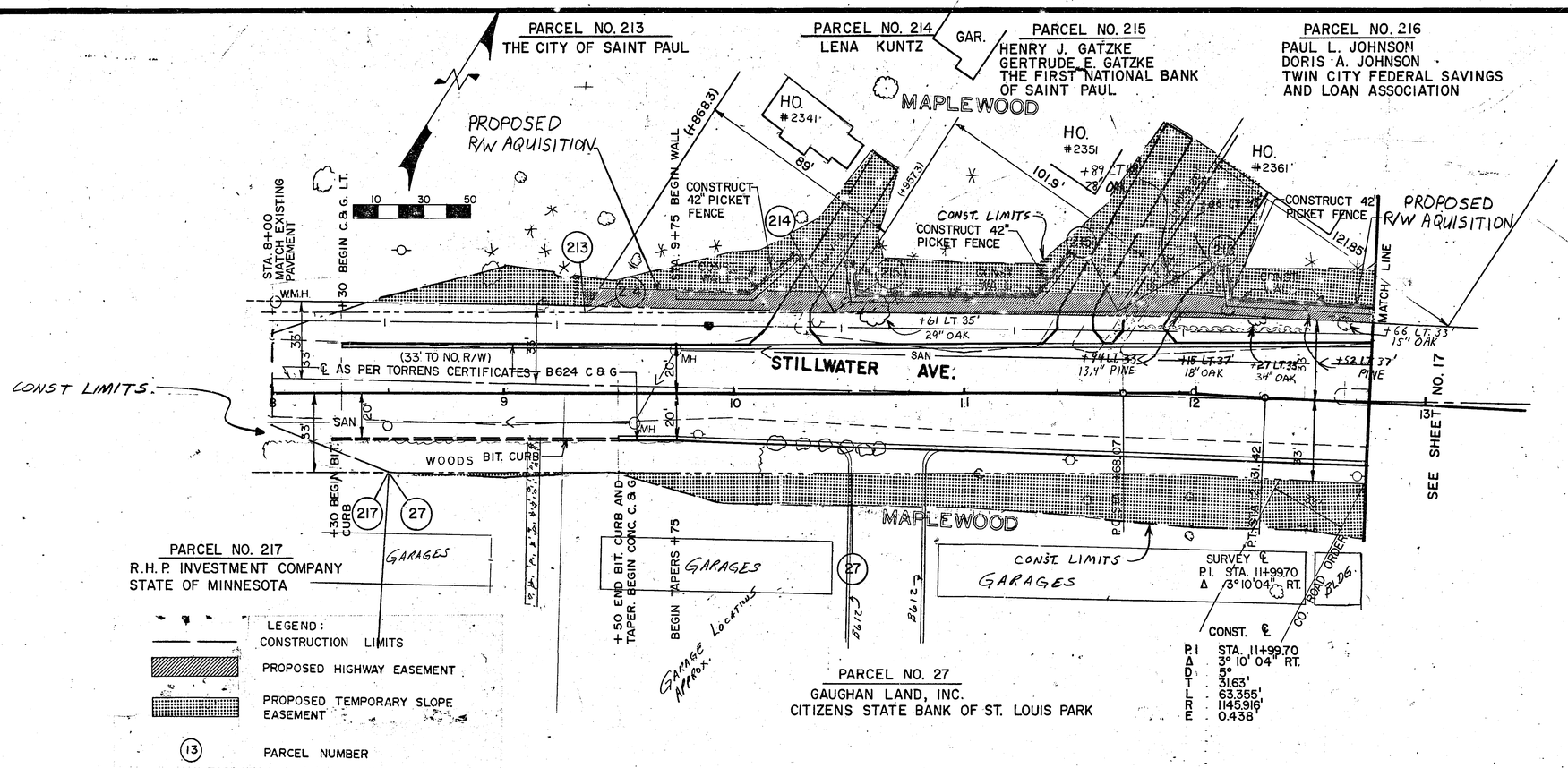
REANY AVE.
EAST AVE. NOW McKNIGHT ROAD C.R. 158

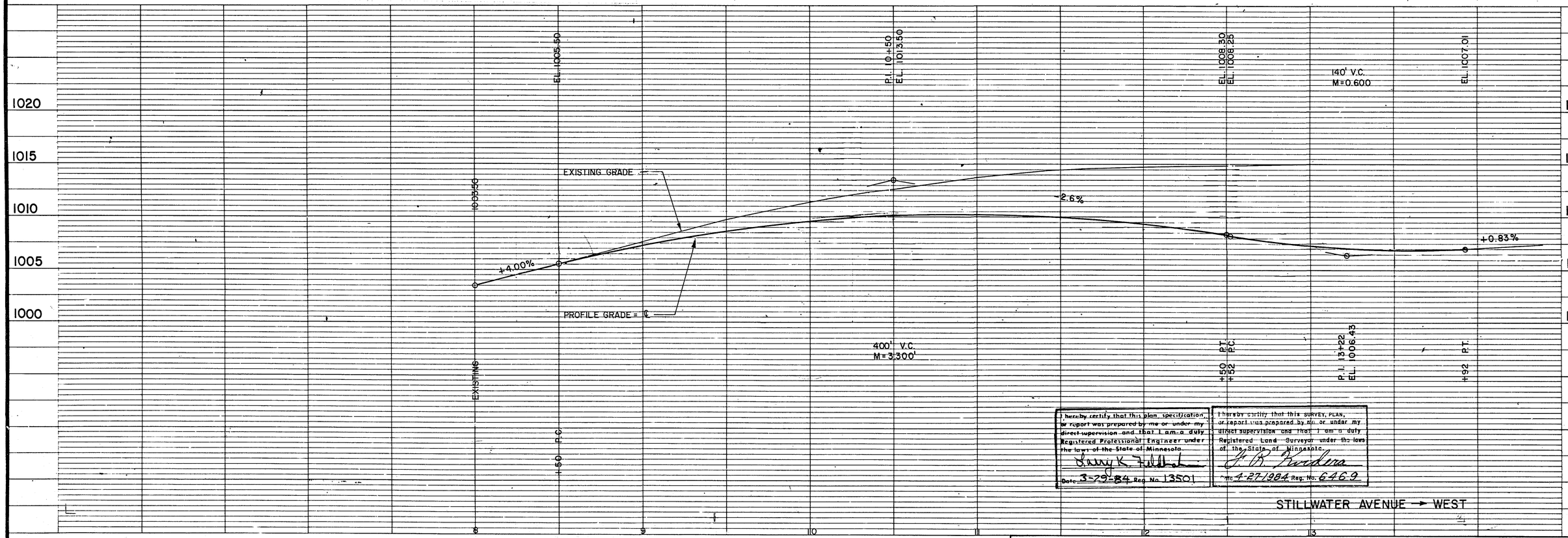
STATE AID PROJ. NO. 62-668-20

SHEET NO. 39 OF 53 SHEETS

28-107

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE





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Larry K. Fullerton
Date 3-29-84 Reg. No. 13501

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J. R. Rudeen
Date 4-27-1984 Reg. No. 6469

STILLWATER AVENUE → WEST

S.A.P. No. 62-668-20

Sheet No. 40 of 53 Sheets

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				

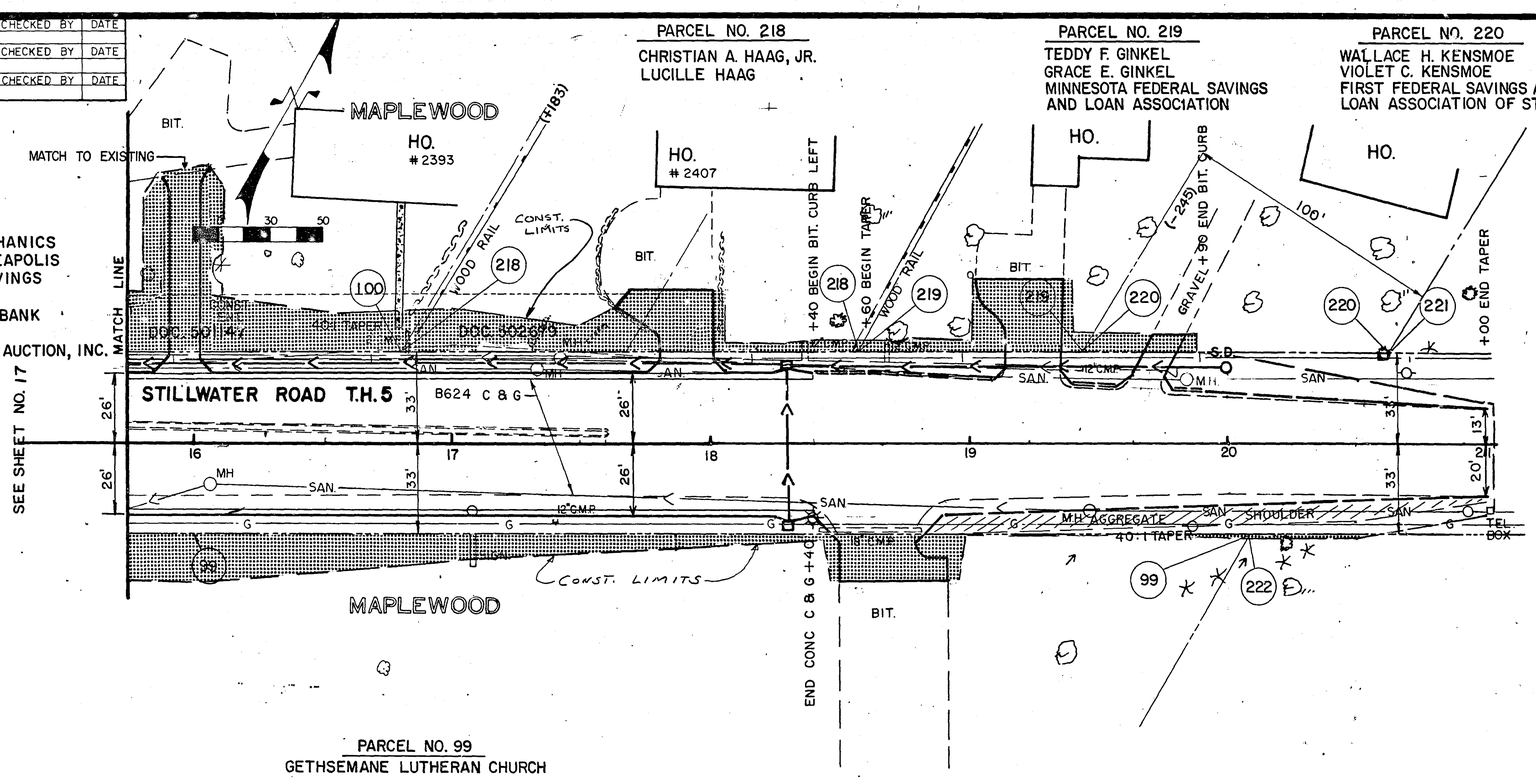
PARCEL NO. 100
LANNY JOEL BOYER
LINDA M. BOYER
THE FARMERS AND MECHANICS SAVINGS BANK OF MINNEAPOLIS
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION
THE MIDWAY NATIONAL BANK OF ST. PAUL
GREATER CHICAGO AUTO AUCTION, INC.

PARCEL NO. 218
CHRISTIAN A. HAAG, JR.
LUCILLE HAAG

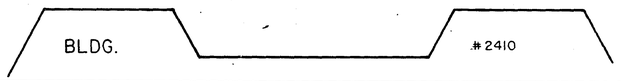
PARCEL NO. 219
TEDDY F. GINKEL
GRACE E. GINKEL
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 220
WALLACE H. KENSMOE
VIOLET C. KENSMOE
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

PARCEL NO. 221
GERALD O. EGGERT



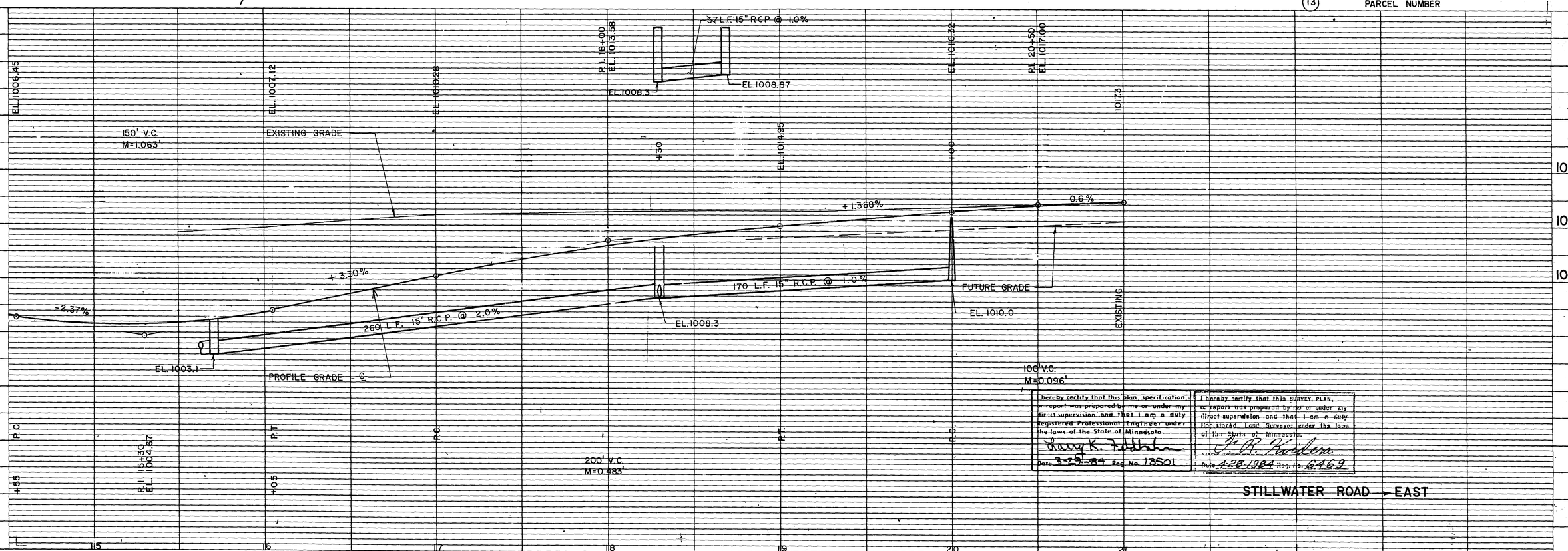
PARCEL NO. 99
GETHSEMANE LUTHERAN CHURCH



TAPER RIGHT SIDE SHOULDER FROM 8' AT STA. 20+50 TO MATCH EXISTING AT STA. 21+00

PARCEL NO. 222
PHILIP B. LEEMAN

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Tubbs
Date 3-29-84 Reg. No. 13501

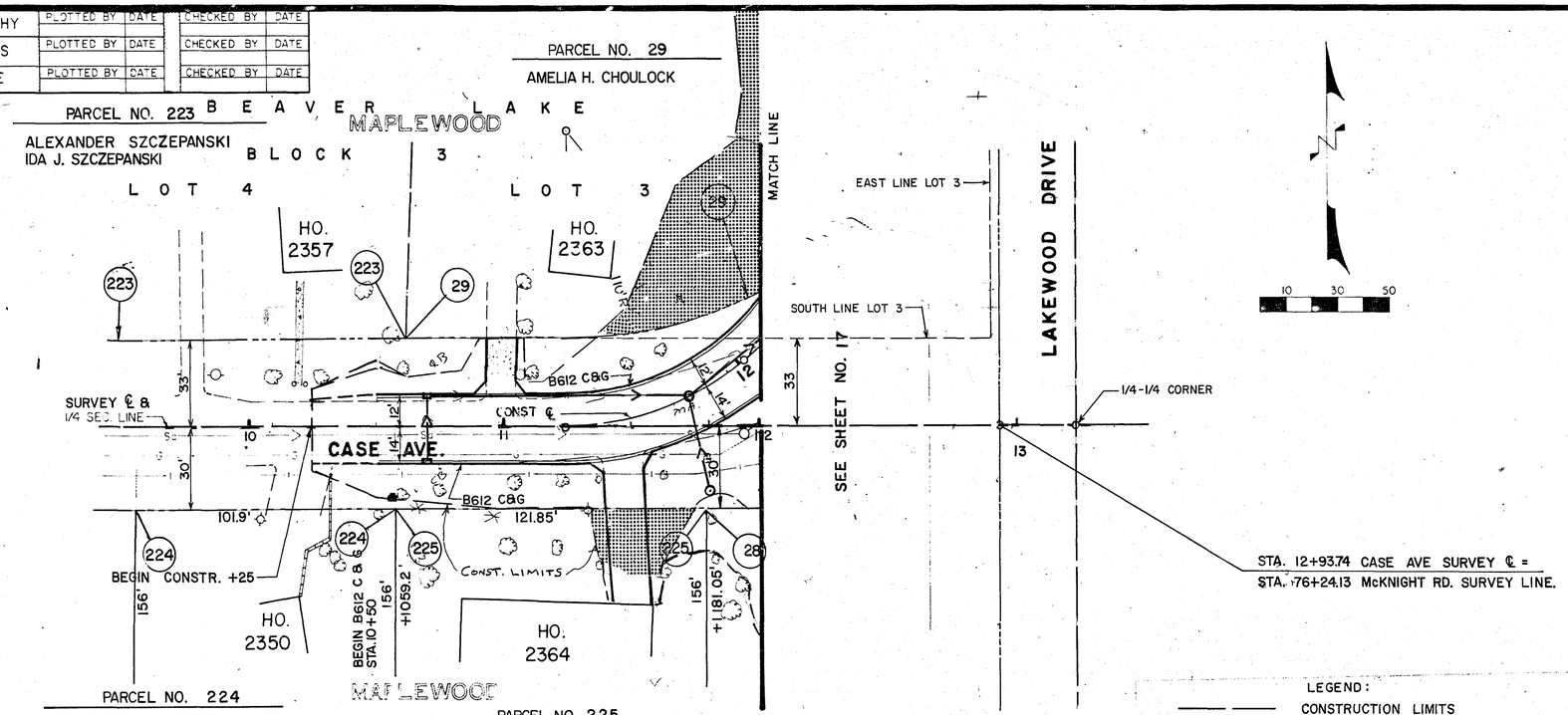
I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. R. Anders
Date 4-28-1984 Reg. No. 6469

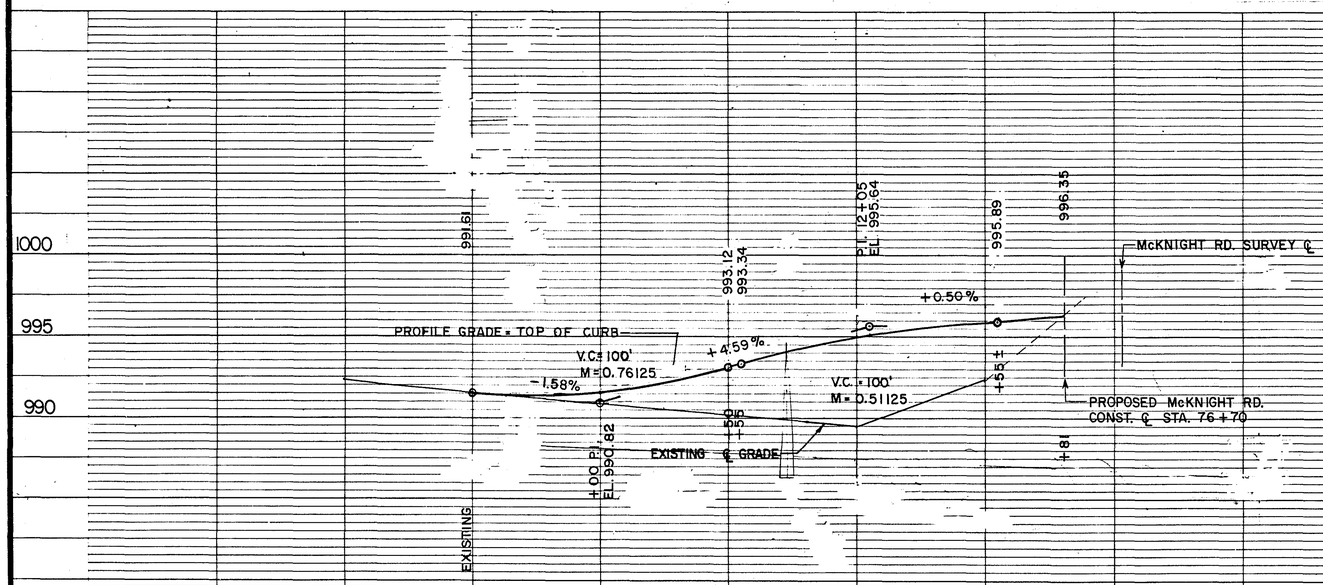
STILLWATER ROAD - EAST

STATE AID PROJ. NO. 62-668-20

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES				
PROFILE				





I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Fuhrman
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Kuldera
Date 4-27-1984 Reg. No. 6469

CASE AVENUE

STATE AID PROJ. NO. 62-668-20

SHEET NO. 42 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 34
PERRY J. SHORTRIDGE
MARLENE A. SHORTRIDGE
ROBERT N. BERGLUND
BERNADINE R. BERGLUND

HO. 2345

CONST. LIMITS

BEGIN BIT. CURB AT ENTRANCE

+60 BEGIN TAPER

+40 END TAPER BEGIN B624 C.& G.

STA. 12+00

30:1 TAPER

MARYLAND AVE

8"

24'

18'

33'

9 10 Sa 11 MH Sa 12

30:1 TAPER

+60 BEGIN TAPER

+70 BEGIN BIT. CURB

+40 END TAPER BEGIN B624 C.& G.

MATCH LINE

CONST. LIMITS

WOODS

PARCEL NO. 30A
COUNTY OF RAMSEY

LEGEND:
CONSTRUCTION LIMITS
PROPOSED HIGHWAY EASEMENT
PROPOSED TEMPORARY SLOPE EASEMENT
(13) PARCEL NUMBER

MAPLEWOOD

SURVEY ℄ — CONST ℄

SEE SHEET NO. 20

LAKEWOOD DRIVE

N. 1/16 N.W. 1/4 SEC. 25 T. 29 N. R 22 W.
1/4 – 1/4 CORNER, MARYLAND AVE.

STA. 13+22.36

CONST. TANGENT STA. 13+30.86

PARCEL NO. 34A
ROBERT N. BERGLUND
BERNADINE R. BERGLUND
PERRY J. SHORTRIDGE
MARLENE A. SHORTRIDGE

+33 BEGIN TAPER

STA. 14+00

DOC. NO. 2087445

30:1 TAPER

REMOVE 50 L.F. B618 CONC. C & G STA. 15+50 TO STA 16+00
MATCH EXISTING B6-18 C.& G.

+13 END TAPER

MARYLAND AVE

24'

33'

18'

14 15 16

30:1 TAPER

DOC. NO. 2087431

MATCH LINE

+33 BEGIN TAPER

+13 END TAPER

CONST. LIMITS

LOT 8, BLOCK 1
BEAVER LAKE ADDITION

PARCEL NO. 110
RICHARD J. SCHREIER
PATRICIA A. SCHREIER
RICHARD E. SAGSTETTER
CAROL C. SAGSTETTER

10 30 50

EL. 977.05
P.I. 9+50 EL. 976.5
EL. 972.77
EL. 971.85
EL. 966.56
EL. 957.22
P.I. 13+87.5 EL. 967.84
EL. 958.17
EL. 958.88

V.C. = 100'
M = 0.55375

EXISTING GRADE

-1.07%

-5.50%

FUTURE GRADE

P.I. 1+00 EL. 970.8

PROFILE GRADE = ℄

EXISTING

V.C. = 250'
M = 2.115625'

STA. 13+10± MARYLAND AVE. SURVEY ℄ = ELEV. 966.8±
McKNIGHT RD. CONST. ℄

+1.27%

+1.27%

V.C. = 100'
M = 0.08'

8 L.F. 15" R.C.P. @ 10%

8 L.F. 15" R.C.P. @ 10%

964.68 964.6 963.5 EXISTING 30" R.C.P. 964.6 964.68 962.94

+0.63%

+2.72%

P.I. 1+00 EL. 969.7

MATCH EXISTING

V.C. = 50'
M = 0.123125

EXISTING 30" R.C.P.

962.94

958.92

957.0

P.C. 15+50

P.I. 15+75 EL. 969.02

EXISTING +13

980 975 970 965 960

P.C. = P.O.T. 9+00 | P.T. 10+00 | P.C. 10+35 | P.I. 11+60 EL. 964.96 | P.T. 12+85 | P.C. 13+37.5 | P.T. 14+37.5

10 11 12 13 14 15 16

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Larry K. Fullhart
Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
H. R. Rividera
Date 4-27-1984 Reg. No. 6469

MARYLAND AVENUE

STATE AID PROJ. NO. 62-668-20

SHEET NO. 43 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

REVISIONS	DATE	BY	REVISIONS	DATE	BY
S.E.	4-12-86				

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONTROL OF ACCESS LINE
- (13) PARCEL NUMBER

SCALE 10' 30' 50'

MAPLEWOOD

N 78°12'30"E 704.77

PARCEL NO. 38A
VERNON E. POTTER
THERESA M. POTTER
LINCOLN FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL

BEGIN NON-ACCESS LIMITS AT STA. 114+00.

CONST. LIMITS

STA 113+79

PATH

B624 C&G

SURVEY ℄

CONSTRUCTION ℄

CONSTRUCT "V" GUTTER

30'R

PC STA 0+71

SURVEY ℄ STA 114+34.24

75'R ON ℄

PT STA 1+53.35

BULK SERVICE DRIVE

WOODS

26'

495'

15'

PARCEL NO. 35
BULK SERVICE CORPORATION
ADOLPHUS BROWN AND DORIS BROWN
DONALD OTTELEY
DONALD OTTELEY
CAPITAL INDUSTRIAL DISTRICT
BEVERLY BANK

CONSTR. LIMITS

NORTH LINE S.W. 1/4 OF THE S.W. 1/4

BULK SERVICE DRIVE
CONST. ℄
P.I. = 1+16.88
Δ = 62° 54' 30"
R = 75
D = 76°23'40"
T = 45.88
L = 82.35

P.C. CONST. STA 1+01.00

PARCEL NO. 36
PHILLIP F OSWALD
TONY L. OSWALD
LOIS A. OSWALD

SEE SHT. NO. 21

CONSTR. LIMITS

PC STA 3+61.5

P.I. CONST. ℄ 4+96.41
Δ = 89° 57' 07"
R = 125
D = 45°50'12"
T = 112.90
L = 196.24

PT STA 5+57.75

BLDG.

PARCEL NO. 37

EL. 1001.42
EL. 1001.42
EL. 1000.50
EL. 997.62
EL. 983.25
P.I. 4+50
EL. 982.0
EL. 982.0

PROPOSED ELEV. 1001.82

GRADE

V.C. = 75'
M = 0.2250

PROFILE GRADE = ℄

-2.6%

-5.0%

0.0%

WEIGHT SCALE EL. 982.5

EXISTING GROUND EL. 982.0

BULK SERVICE ROAD

V.C. = 50'
M = 0.31250

STA 113+75 McKNIGHT SURVEY ℄

+24
+28

P.C. +62.5
P.I. 1+00
EL. 999.50
P.T. +37.5

P.C. +25
P.T. +75

1010
1005
1000
995
990
985
980

0 1 2 3 4 5

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-20-86 Reg. No. 13501

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-23-86 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 44 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 111
HILLCREST DEVELOPMENT

MAPLEWOOD

REMOVE EXISTING ROADWAY AS DIRECTED

HARVESTER HEIGHTS
BLOCK 8
LOT 29 LOT 30

PARCEL NO. 42
HILLCREST COUNTRY CLUB INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

HARVESTER HEIGHTS, ST. PAUL
BLOCKS 8,5,4 AND 1

MATCH EXISTING

McKNIGHT RD.

DOC. NO. 1486482

SECTION - LINE

WOODS

SEE SHT. NO. 22

CITY OF ST PAUL

SURVEY ℄

IVY AVE.

CONSTRUCTION LIMITS

PARCEL NO. 40
CHICAGO, SAINT PAUL, MINNEAPOLIS AND OMAHA RAILWAY COMPANY

BRIDGE

PROPOSED 120

PARCEL NO. 41
LAWRENCE H. GREFE
EVA E. GREFE
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION
CITY OF ST. PAUL FOR PUBLIC UTILITIES

LOT 1
BLOCK 7
GAR.

MURRY LANE ADDITION PLAT 2

McKNIGHT ROAD
STA. 120+64.26 = IVY AVE.

END TAPER

BEGIN TAPER

PARCEL NO. 120
EVERETT EDWARDS
MINNESOTA FEDERAL SAVINGS AND LOAN ASSOCIATION
JACK W. HIRSCH
NANCY A. HIRSCH
HOLDEN INC.
JOHN W. KELLY

MATCH EXISTING S 512 CURB & GUTTER 1+80

SEE McKNIGHT RD. SHEET NO. 25
MATCH LINE 0+80

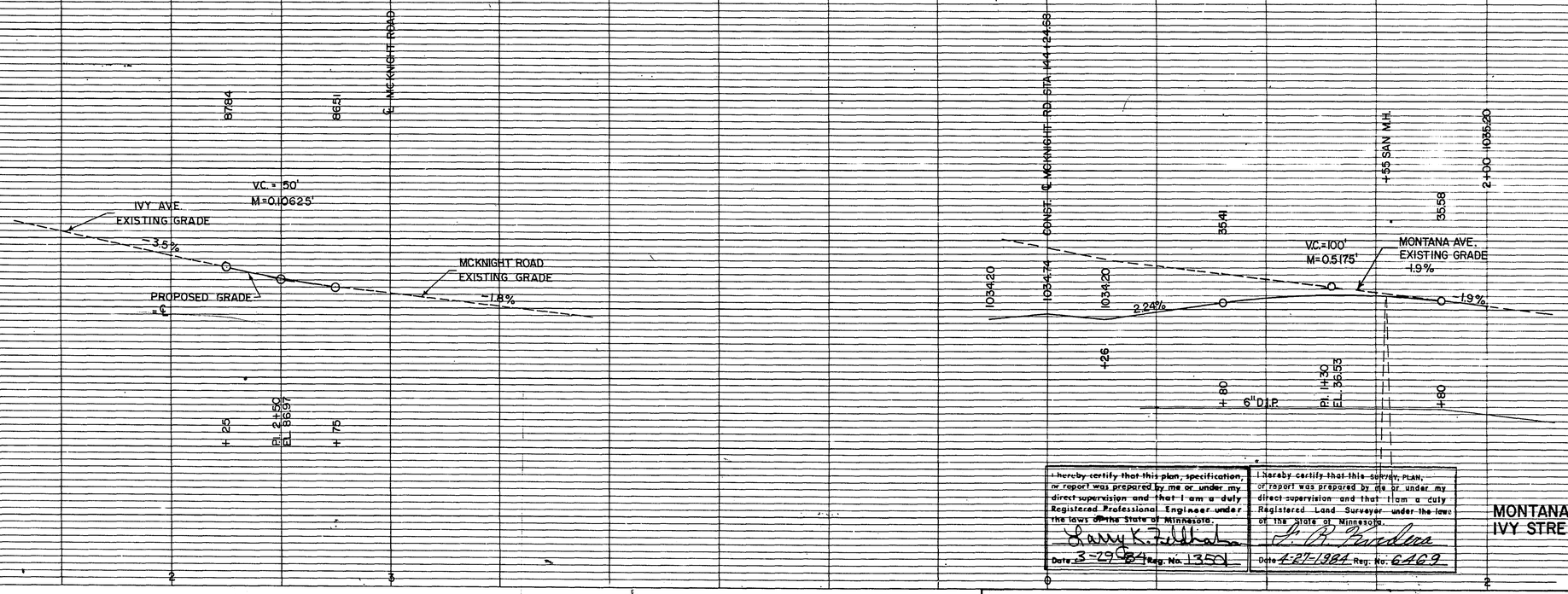
MISC.
HO.
CONST LIMITS
WOOD SLATS FENCE
W.S.O.
S 512 CURB & GUTTER
M.H.
Sa
MONTANA AVE.
END CONSTRUCTION

PARCEL NO. 119
GOOD VALUE HOMES, INC.
NORTHWESTERN STATE BANK
CHARTER CONSTRUCTION CORPORATION
P CHRISTENSEN & SONS INC.

L O T 1 L O T 2
B L O C K 3
A C O R N G R E E N H O U S E S

TELE. BOX

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER
- CONTROL OF ACCESS LINE



MONTANA AVE.
IVY STREET

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Larry K. Zubbach
Date 3-19-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
L. R. Pardeen
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 45 OF 53 SHEETS

28-103

	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 226
CECIL LAVERNE ANDERSON
LINNEA ELAINE ANDERSON
LUTHERAN BROTHERHOOD, MN. CORP.

PARCEL NO. 43
CONVENIENCE MARKETS, A PARTNERSHIP, CONSISTING OF WILLIAM BARBUSH AND GERTRUDE BARBUSH

THE CANADA LIFE INSURANCE COMPANY OF NEW YORK
THE SOUTHLAND CORPORATION

MAPLEWOOD

T. 29 N. R. 22 W. — 14 13 23 24 — R. 22 W. T. 29 N.

PARCEL NO. 129
THE FIRST NATIONAL BANK OF SAINT PAUL

MAPLEWOODS ESTATES

LOT 3 BLOCK 1

LOT 5 BLOCK 2
HILLCREST GARDENS

43
226
EXISTING CONCRETE ENTRANCE APRON
AGG. SHOULDER
MATCH LINE
TAPER TO MATCH EXISTING
12'
33'
CONST LIMITS
LARPENTEUR
222'
15:1 TAPER
T BUR
42
POND
AGG SHOULDER
70'
10'
STA. 1+85 BEGIN CONC. C&G

McKNIGHT RD.

STA. 3+00 LARPENTER AVE. SURVEY ℄ = STA. 159+36± McKNIGHT RD. SURVEY ℄

STA. 3+16.5 LARPENTEUR AVENUE SURVEY ℄ = STA. 160+10.95 McKNIGHT RD. CONST. ℄

AVE.

SEE SHEET NO'S 26 & 27

129
SD
AGGREGATE SHOULDER
12'
15:1 TAPER
50'
+50 END TAPER
WOODS
26'
33'
60'
45'
MH CONST LIMITS
5
6
7
128
END CONC C&G CONST STA 4+76
AGGREGATE SHOULDER
+00 END TAPER

PARCEL NO. 128

LORRELEI BOLLMANN & E. DAVID BOLLMAN	1/6
LOUIS E. FAULKNER & MARSHA FAULKNER	1/6
AGNES KLEIN	1/3
FRANCES B. HOAG	1/6
ROGER L. LANGE JR.	1/6
CANDYCE C. LANGE	
LAWRENCE R. LANGE	
BARBARA K. LANGE	
ROGER L LANGE	

MAPLEWOOD

10 30 50

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT

PARCEL NO. 42
HILLCREST COUNTRY CLUB, INC.
NORTHWESTERN NATIONAL BANK OF ST. PAUL

+15 C.B. | +15 C.B. | +15 SD 55 | +15 CB 171 | +15 CB 170

ADJUST TO PROPOSED GRADE
EL. 1018.37
EL. 1018.08
58 L.F. 15" @ 0.50%
59 LF 15" R.C.P. @ 0.4%
29 LF 15" R.C.P. + APRON @ 0.4%
1016.00
1016.17
1016.27
1016.40
1016.70
1016.82
1017.00
20 LF 15" R.C.P. @ 0.4%

1030 | 1025 | 1020 | 1015 | 1010

1022.8
PROPOSED GRADE
EXISTING GRADE
V.C.=50' M=0.12'
-1.53%
+0.43
FUTURE GRADE
126 LF. 15" R.C.P. @ 0.50%
EL. 1018.08
EL. 1017.4±
+50 RT. EXISTING
+00 P.I. EL. 1020.5
1020.90
1021.30
1020.90
+86 APRON 69
V.C.=50' M=0.1031
-0.55%
EXISTING GRADE
1017.00
1016.82
1016.70
29 LF 15" R.C.P. + APRON @ 0.4%
P.I. = 4+25.43 EL. = 1020.43
+94 SURVEY ℄
+90 CONST ℄
+16.5
+40
1022.9
PROPOSED GRADE
+1.10%
FUTURE GRADE
+50 RT. EXISTING

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

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Date 3-29-84 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 4-27-1984 Reg. No. 6469

LARPENTEUR AVENUE

STATE AID PROJ. NO. 62-668-20

SHEET NO. 46 OF 53 SHEETS

28-103

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TOPOGRAPHY				
UTILITIES				
PROFILE				

HO. 2187-2189 FIFTH ADDITION TO NORTH ST. PAUL

PARCEL NO. 228
DONALD PALME
CAROLE V. PALME
TWIN CITY FEDERAL SAVINGS AND LOAN ASSOCIATION

APT. 2210

PARCEL NO. 229
ANDERS E. JACOBSON

HO. 2209

PARCEL NO. 227
BRUCE G. ADAMS
JOYCE P. ADAMS
UNITED MORTGAGE CORPORATION
LOTS 26-29 INC.
BLOCK 18

BELMONT LANE
5TH ST.
ELDRIDGE AVE.
NORTH SAINT PAUL
BLOCK 10
BLOCK 12
GAR
PARKING LOT
LOT 1 BLOCK 2 McKNIGHT AIRES
LOT 3 BLOCK 1 McKNIGHT AIRES
LOT 1 BLOCK 1 URBAN
NORTH ST. PAUL ROAD
SKILLMAN AVE.
NO. 1/2 BELMONT AVE.
MATCH LINE - SEE SHEET NO. 32

PARCEL NO. 230
BEE-DALE, INC.
NORTH STAR STATE BANK OF ROSEVILLE

PARCEL NO. 231
BEREK BEN BIGOS
HELENA BIGOS
TWIN CITIES FEDERAL SAVINGS AND LOAN ASSOCIATION

PARCEL NO. 232
DICK GREGOR
MAXINE GREGOR
McKNIGHT AIRES INVESTMENT GROUP

PARCEL NO. 233
JOHN P. JENSEN
BONNIE K. JENSEN
FEDERAL NATIONAL MORTGAGE ASSOCIATION

HO. 2230 FIFTH ADDITION TO NORTH ST. PAUL

HO. 2264

PARCEL NO. 234
THOMAS M. WATTERS
NORTHLAND MORTGAGE COMPANY

APT. 2209

NO SUPERELEVATION

NO SUPERELEVATION

LEGEND:
- CONSTRUCTION LIMITS
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT

REVISIONS	DATE	BY	REVISIONS	DATE	BY
T.C. 228	11-28-83	SA			
D.E. 233, 234	11-23-83	SA			

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Date 3-29-84 Reg. No. 13501

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Date 4-27-1984 Reg. No. 6469

NORTH SAINT PAUL ROAD ⟶ WEST

STATE AID PROJ. NO. 62-668-20

SHEET NO. 47 OF 53 SHEETS

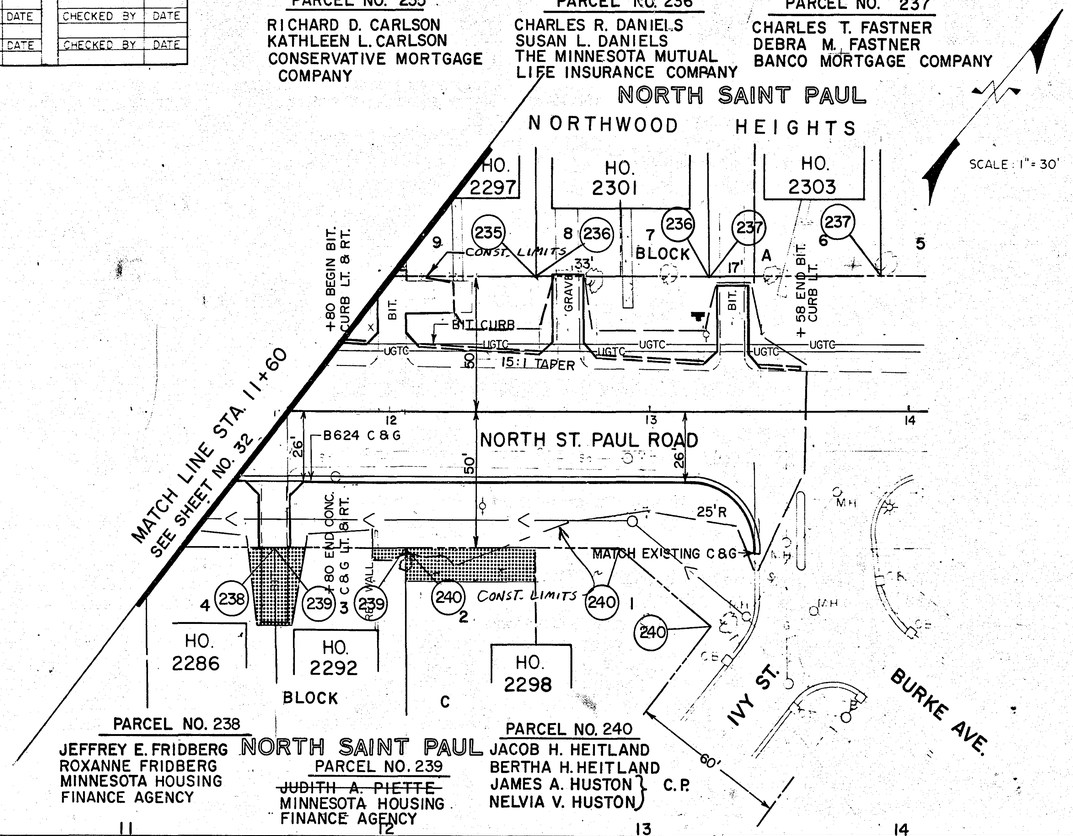
28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 235
RICHARD D. CARLSON
KATHLEEN L. CARLSON
CONSERVATIVE MORTGAGE COMPANY

PARCEL NO. 236
CHARLES R. DANIELS
SUSAN L. DANIELS
THE MINNESOTA MUTUAL LIFE INSURANCE COMPANY

PARCEL NO. 237
CHARLES T. FASTNER
DEBRA M. FASTNER
BANCO MORTGAGE COMPANY

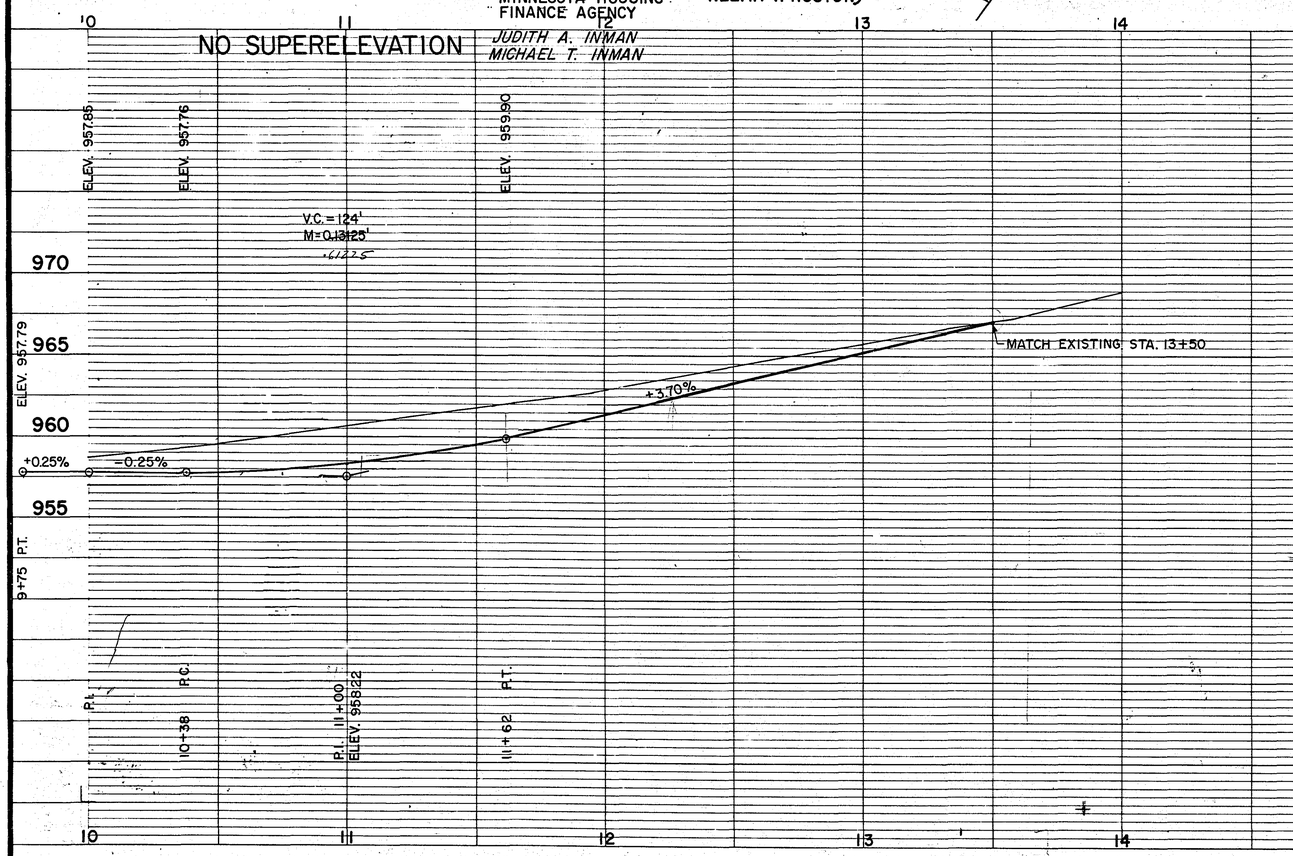


PARCEL NO. 238
JEFFREY E. FRIDBERG
ROXANNE FRIDBERG
MINNESOTA HOUSING FINANCE AGENCY

PARCEL NO. 239
~~JUDITH A. PIETTE~~
MINNESOTA HOUSING FINANCE AGENCY

PARCEL NO. 240
JACOB H. HEITLAND
BERTHA H. HEITLAND
JAMES A. HUSTON } C.P.
NELVIA V. HUSTON

LEGEND:
- PROPOSED TEMPORARY SLOPE EASEMENT
- PROPOSED HIGHWAY EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER



REVISIONS	DATE	BY
PARCEL No. 239	10/3/88	TJL
ADDITIONAL OWNER NO. 238	11-28-88	SB

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Date 4-27-1984 Reg. No. 6469

7TH. AVE.
NORTH SAINT PAUL ROAD → EAST

STATE AID PROJ. NO. 62-668-20

SHEET NO. 48 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 82
JOHN E. BLOOMQUIST, INC.

PARCEL NO. 241
LORRAINE M. MCKINNON
FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF ST. PAUL
MINNESOTA HOUSING FINANCE AGENCY

PARCEL NO. 242
DANIEL C. FLEMING
KAREN M. CUSHING
ALL STATE ENTERPRISES MORTGAGE CORPORATION

CASTLE WOOD

SCALE 1"=30'

0 10' 30' 50'
SCALE

LOT 29

NO. ST. PAUL

R. L. S. NO. 52

TRACT E

HO. 2273

TRACT D

HO. 2279

TRACT C

EAST LINE OF LOT 29

SECTION CORNER

SOUTH LINE OF LOT 29

SEE SHEET NO. 32

CO. RD. "B"

MATCH LINE

BLOCK A

NORTHWOOD HEIGHTS

BLOCK 1

HO. 2238

HO. 2246

HO. 2270

HO. 2274

5TH ADDITION TO NORTH ST. PAUL

NO. ST. PAUL

+00 BEGIN TAPERS

END BIT. CURB

PARCEL NO. 243
WARREN R. JOHNSON
LOIS A. JOHNSON

PARCEL NO. 244
JEFFREY A. CAMPBELL
DONNA M. CAMPBELL
FIRST FAMILY MORTGAGE CORPORATION OF FLORIDA
STATE BANK OF LAKE ELMO
THOMAS K. BELAIR
CONNIE J. BELAIR
DAVID MILLER
PATRICIA MILLER
ARLENE D. LARKIN

PARCEL NO. 245
~~DONALD R. HILES~~
~~ARLENE D. HILES~~
~~FEDERAL NATIONAL MORTGAGE ASSOCIATION~~
ROBERT W. SHAY
JANET L. HANSON

PARCEL NO. 246
MICHAEL JAMES HUSKEY
LINDA D. HUSKEY
BANCO MORTGAGE COMPANY

LEGEND:
- PROPOSED HIGHWAY EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER
- PROPOSED DRAINAGE EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT

56 L.F. 24" R.C.P. @ 0.50%
20 L.F. 27" R.C.P @ 0.50%
94112
940.84
940.74
EXISTING GRADE
945.61
945.91
-0.50%
+1.1%
+6.66%
+0.50%
P.I. +78 EL. 946.30
P.I. +20 EL. 946.40
CONST. ℄ ELEV. 946.79
STA. 139+00 CO. RD. B SURVEY ℄ = STA. 544+56.86 McKNIGHT RD. SURVEY ℄
42
P.I. +75 EL. 946.67
V.C.=100' M=0.76
P.I. +80 EL. 953.60
FUTURE GRADE
16 L.F. 15" R.C.P. @ 4.2% STUB FOR FUTURE USE
942.00
941.84
941.34
EXISTING
P.I. 137+93 EL. 945.36
+43
+43
955
950
945
940
935
136
137
138
139
140
141
142

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Date 3-29-84 Reg. No. 13501

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Date 4-27-1984 Reg. No. 6469

REVISIONS	DATE	BY
T.E. NO. 165	10/5/88	CRS
T.E. NO. 241	10/11/88	CRS
T.E. 82, 165, 275	11-22-88	SB
D.E. 82	11-22-88	SB
ADDITIONAL OWNERS PARCEL 244	11-28-88	SB
OWNERSHIP PARCEL 245	11-29-88	SB

COUNTY ROAD "B"

STATE AID PROJ. NO. 62-668-20

SHEET NO. 49 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

PARCEL NO. 85A

MINNESOTA MINING AND MANUFACTURING COMPANY
FIRST NATIONAL BANK OF MINNEAPOLIS

MAPLEWOOD

PROPOSED 3M BUILDING

PROPOSED 3M BUILDING

SANITARY SEWER SERVICE

LEGEND:
- PROPOSED DRAINAGE EASEMENT
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER

Mc KNIGHT ROAD

ADDITIONAL R/W TO BE ACQUIRED

SIGN

C.B.

Tel

77°56'43"

M.H.

15" C.M.P.(2)

60"x15" C.M.P.(2)

20' PERMANENT SANITARY SEWER EASEMENT

4x4 WOOD GUARDRAIL

EXISTING BITUMINOUS DRIVE

CONST. LIMITS

PROPOSED 3M ROAD

20' PERMANENT SANITARY SEWER EASEMENT

WILLOWS

20' STORM SEWER EASEMENT (PROPOSED)

LINE X

LINE W

39°55'07"

MARGARET ST.

VACATED

CONST. LIMITS

20' STORM SEWER EASEMENT (PROPOSED)

CONWAY POND (3M)

698

PARCEL NO. 85

MINNESOTA MINING AND MANUFACTURING COMPANY

RIPRAP

SECTION LINE

SURVEY ℄

OLD R/W LINE

33' 34' 33' 27' 40' 49.5' 39 91'

45 L.F. 15" R.C.P. @ 0.5%

124 L.F. 15" R.C.P. @ 1.0%

982.62

982.85

980.08

981.48

980.54

979.08

(ANTICIPATED)

EXISTING GROUND PROFILE OVER PROPOSED STORM SEWER

PROPOSED 3M ROAD PROFILE (ESTIMATED)

100 L.F. 30" R.C.P. @ 1.0%

980.08

290 L.F. 30" R.C.P. @ 0.5%

979.08

977.63

240 L.F. 30" R.C.P. @ 0.5%

976.4

EXISTING 10" V.C.P. SANITARY SEWER

966.43

10" V.C.P. SEWER

967.13

990 985 980 975 970 965

0 1 2 3 4 5 6

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Feldhaus
Date 3-29-84 Reg. No. 15501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
J. R. Kvidera
Date 4-27-1984 Reg. No. 6469

CONWAY POND
STORM SEWER

STATE AID PROJ. NO. 62-668-20

SHEET NO. 50 OF 53 SHEETS

28-103

TOPOGRAPHY	PLOTTED BY DATE	CHECKED BY DATE
UTILITIES	PLOTTED BY DATE	CHECKED BY DATE
PROFILE	PLOTTED BY DATE	CHECKED BY DATE

PARCEL NO. 85A

MINNESOTA MINING AND MANUFACTURING COMPANY
FIRST NATIONAL BANK OF MINNEAPOLIS

MAPLEWOOD

PROPOSED 3M BUILDING

PROPOSED 3M BUILDING

SANITARY SEWER SERVICE

LEGEND:
- PROPOSED DRAINAGE EASEMENT
- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- CONSTRUCTION LIMITS
- (13) PARCEL NUMBER

Mc KNIGHT ROAD

SECTION LINE

SURVEY ℄

OLD R/W LINE

33' 27' 33' 34' 33' 40' 49' 39 40

ADDITIONAL R/W TO BE ACQUIRED

SIGN

Tel Tel

C.B.

85A

77°58'43"

M.H.

15" C.M.P.(2)

EXISTING BITUMINOUS DRIVE

4x4 WOOD GUARDRAIL

PROPOSED 3M ROAD

CONST. LIMITS

20' PERMANENT SANITARY SEWER EASEMENT

60"x15" C.M.P.(2)

WILLOWS

LINE X

LINE W

20' STORM SEWER EASEMENT (PROPOSED)

20' STORM SEWER EASEMENT (PROPOSED)

39°55'07"

MARGARET ST.
VACATED

33'

698

PARCEL NO. 85
MINNESOTA MINING AND MANUFACTURING COMPANY

CONWAY POND (3M)

85

CONWAY POND
STORM SEWER

45 L.F. 15" R.C.P. @ 0.5%
982.62
982.85
980.08

124 L.F. 15" R.C.P. @ 1.0%
981.48
980.54
979.08

EXISTING GROUND PROFILE OVER PROPOSED STORM SEWER

PROPOSED 3M ROAD PROFILE (ESTIMATED)

100 L.F. 30" R.C.P. @ 1.0%
980.08
979.08

290 L.F. 30" R.C.P. @ 0.5%
977.63

240 L.F. 30" R.C.P. @ 0.5%
976.4

EXISTING 10" V.C.P. SANITARY SEWER
966.43

10" V.C.P. SEWER
967.13

990 985 980 975 970 965

0 2 3 4 5 6

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Larry K. Fullhart
Date 3-29-84 Reg. No. 15501

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J. A. Bridera
Date 4-27-1984 Reg. No. 6469

STATE AID PROJ. NO. 62-668-20

SHEET NO. 50 OF 53 SHEETS

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	PLOTTED BY	DATE	CHECKED BY	DATE
TOPOGRAPHY				
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE

ESSEX PARK

ST. PAUL

STREET

12 11 10 9 8 7 6 5 4 3 2 1

30'

13+20.13

BUR. TEL.

SEWER

207'

McKNIGHT ROAD

(EAST AVE.)

SECTION LINE & SURVEY ℄

14 15 16 17 18 19 20 21 23

REMOVE C.B. M.H.

ABANDON

15" SEWER

12" SEWER

6" SEWER

20"

33'

BENNETT'S HARVESTER WORKS ADDITION

LINE "L"

66'

27 27 247

CONST LIMITS

20' 12' 12'

SEE SHEET 52

S.D.

ESMT. BASELINE

SIXTEENTH LINE

7th

LEGEND

- PROPOSED HIGHWAY EASEMENT
- PROPOSED TEMPORARY SLOPE EASEMENT
- (26) PARCEL NUMBER
- DRAINAGE EASEMENT
- CONSTRUCTION LIMITS

MAPLEWOOD

TRACT A

REGISTERED LAND SURVEY NO. 21

CONST. LIMITS

PARCEL NO. 247

BEAVER LAKE LUTHERAN CHURCH
EASTERN HEIGHTS STATE BANK OF SAINT PAUL

N

0 10 20 30 40 50

PARCEL NO 248
COUNTY OF RAMSEY

248

40°

20' 10' 80' 10' 10'

AVENUE

ABANDON

C.B. G.V. M.H.

5" B.O.

STILLWATER

8" 6" DRAIN

24"

C

REGISTERED LAND SURVEY NO. 248

B

EXISTING C.B. M.H. C.B.

52 L.F. 15" R.C.P @ 1.0%

17 L.F. 15" R.C.P. @ 1.0%

967.03

363 L.F. 18" R.C.P. @ 2.35%

77 L.F. 18" R.C.P. @ 2.38%

958.50 958.33 956.50 956.33

159 L.F. 24" R.C.P @ 3.98%

950.0

POND IA EASEMENT

985 980 975 970 965 960 955 950

14 15 16 17 18 19 20 21

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Date 3-29-84 Reg. No. 13501

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Date 4-27-1984 Reg. No. 6469

S. A. P. No. 62-668-20

Sheet No. 51 Of 53 Sheets

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LEGEND:
CONSTRUCTION LIMITS
PROPOSED HIGHWAY EASEMENT
PROPOSED TEMPORARY SLOPE EASEMENT
(26) PARCEL NUMBER
DRAINAGE EASEMENT

PARCEL NO. 247
BEAVER LAKE LUTHERAN CHURCH
EASTERN HEIGHTS STATE BANK
OF SAINT PAUL

PARCEL NO. 27
GAUGHAN LAND, INC.
CITIZENS STATE BANK
OF ST. LOUIS PARK

TRACT A
REGISTERED LAND SURVEY
NO. 21

TRACT A
REGISTERED LAND SURVEY
NO. 137

SEE SHEET 51

SEE SHEET 15

McKNIGHT ROAD
Section Line

CHURCH DRIVE

EAST SEVENTH ST.

AVENUE "H"

CONSTRUCTION LIMITS

S. LINE R.L.S. NO. 137

DOC. NO. 1404036

33'

TOP OF SLOPE

BOTTOM OF SLOPE

ESMT. BASELINE

LINE "G"

LINE "H"

POND
1.5 ACRES AREA
7 ACRE FEET

Δ = 30°
D = 45° 06' 53"
T = 34.03'
R = 127'
L = 66.5

LOT 4
SUBDIVISION
NO. 77

LOT 6

GARAGES

SEE SHEETS 15 & 53

PARCEL NO. 26
JULIA A. LEPSCHE

PARCEL NO. 25A
DONALD R. JOHN
TONI M. JOHN
FEDERAL NATIONAL MORTGAGE ASSOCIATION

AUDITORS

S. LINE R.L.S. NO. 21

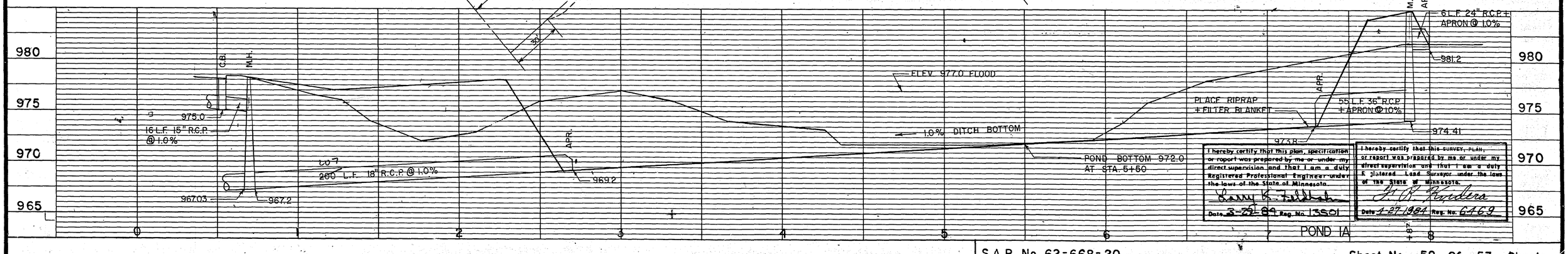
DOC. NO. 2138526 DRAINAGE EASEMENT
DOC. NO. 1294734
DOC. NO. 1404036

CONSTRUCTION LIMITS

N.W. LINE R.L.S. NO. 21

15' ROAD

165'
125'
225'
207'
276'
315.6'
236'
184'
66'
30'



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Date 3-22-89 Reg. No. 13501

I hereby certify that this SURVEY, PLAN, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 1-27-1984 Reg. No. 6469

S.A.P. No. 62-668-20

Sheet No. 52 Of 53 Sheets

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LEGEND:
CONSTRUCTION LIMITS
PROPOSED HIGHWAY EASEMENT
PROPOSED TEMPORARY SLOPE EASEMENT
(26) PARCEL NUMBER
DRAINAGE EASEMENT

PARCEL NO. 247
BEAVER LAKE LUTHERAN CHURCH
EASTERN HEIGHTS STATE BANK
OF SAINT PAUL

PARCEL NO. 27
GAUGHAN LAND, INC.
CITIZENS STATE BANK
OF ST. LOUIS PARK

PARCEL NO. 26
JULIA A. LEPSCHE

PARCEL NO. 25A
DONALD R. JOHN
TONI M. JOHN
FEDERAL NATIONAL MORTGAGE ASSOCIATION

TRACT A REGISTERED LAND SURVEY NO. 21

TRACT A REGISTERED LAND SURVEY NO. 137

SEE SHEET 51

SEE SHEET 15

SEE SHEETS 15 & 53

McKNIGHT ROAD (EAST 16 AVENUE)

CHURCH DRIVE

E. SEVENTH ST.

AUDITORS SUBDIVISION NO. 77

LOT 4

LOT 6

POND
1.5 ACRES AREA
7 ACRE FEET

TOP OF SLOPE

BOTTOM OF SLOPE

ESMT. BASELINE

CONSTRUCTION LIMITS

S. LINE R.L.S. NO. 137

DOC. NO. 1404036

W. LINE R.L.S. NO. 21

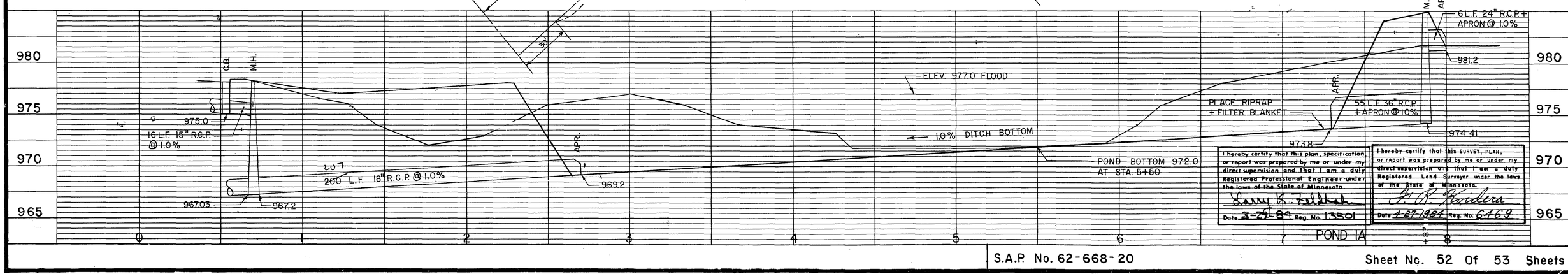
S. LINE R.L.S. NO. 21

DOC. NO. 2138526 DRAINAGE EASEMENT
DOC. NO. 1294734
DOC. NO. 1404036

GARAGES

Δ = 30°
D = 45° 06' 53"
T = 34.03'
R = 127'
L = 66.5

0 10 20 30 40 50



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Date 3-22-89 Reg. No. 13501

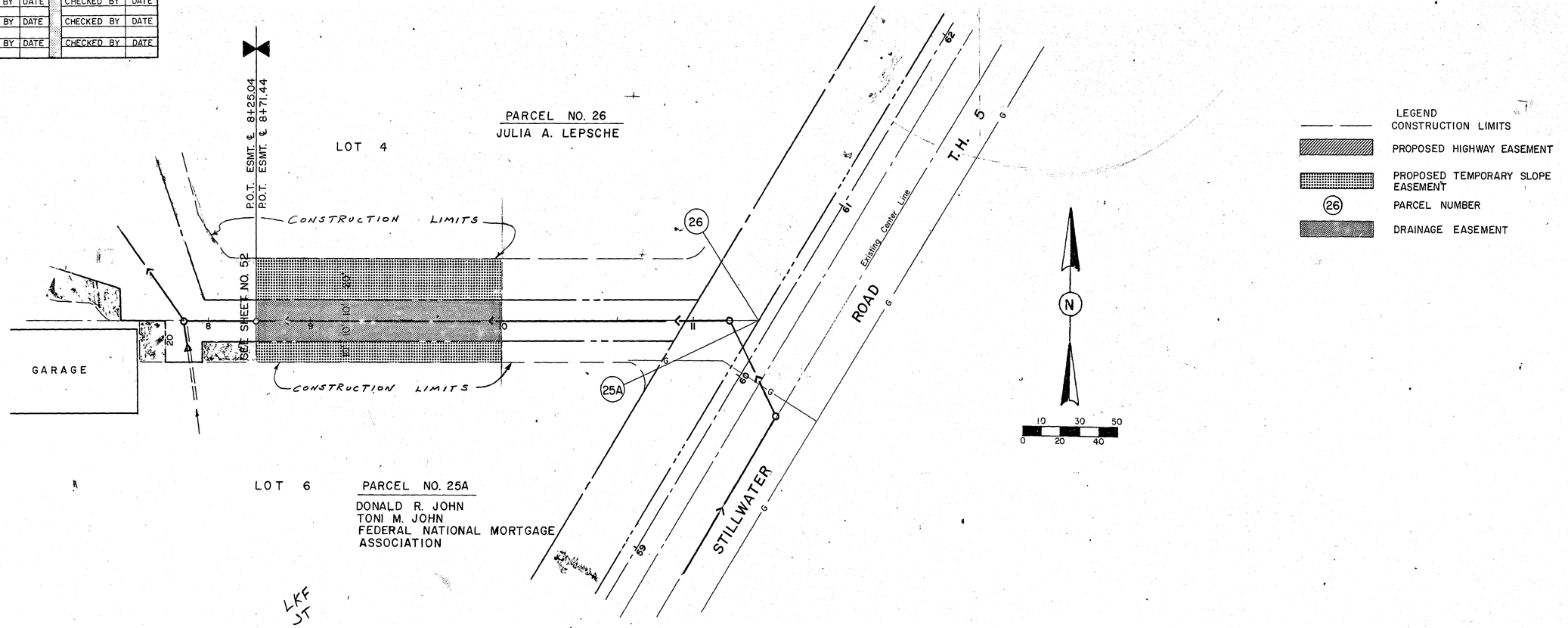
I hereby certify that this SURVEY, PLAN, or REPORT was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
Date 1-27-1989 Reg. No. 6469

S.A.P. No. 62-668-20

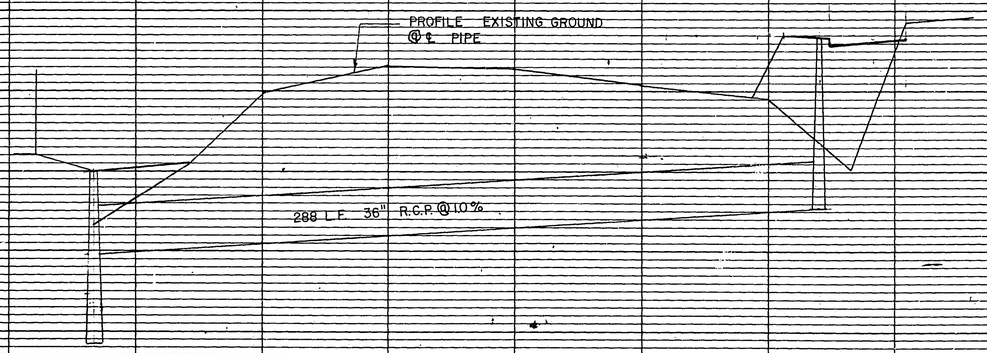
Sheet No. 52 Of 53 Sheets

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TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE



LKF
JT



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Larry K. Zilka
Date 3-29-84 Reg. No. 13501

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.
G. A. Burdine
Date 1-27-1984 Reg. No. 6469

POND 1A EASEMENT

S.A.P. No. 62-668-20

Sheet No. 53 Of 53 Sheets

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