

STREET IMPROVEMENT DISTRICT NO. 85 MANDAN, NORTH DAKOTA

(CITY PROJECT NO. 91-6)

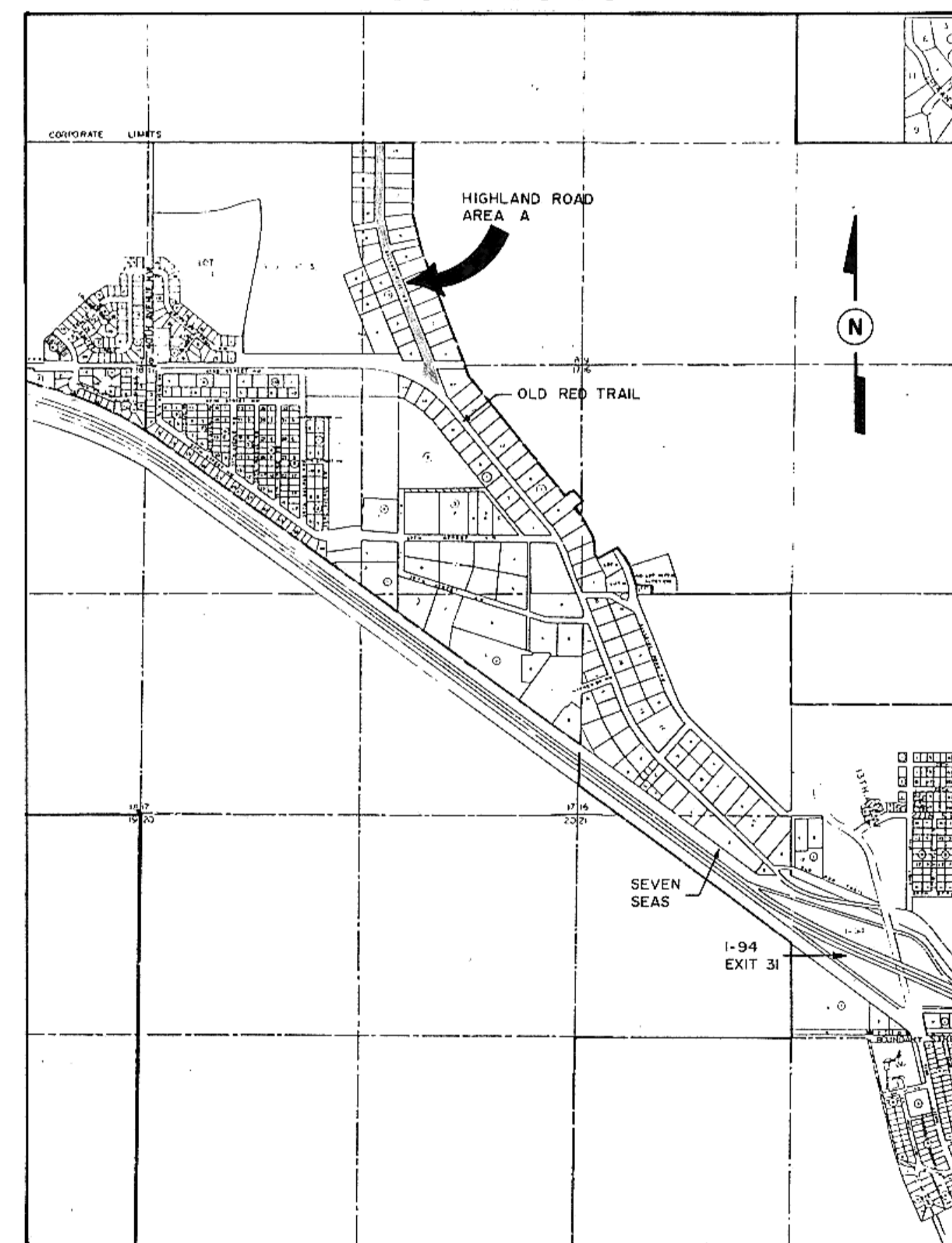
**BOARD OF CITY COMMISSIONERS
MANDAN, NORTH DAKOTA**

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ED FROELICH, COMMISSIONER
TOM KELSCH, COMMISSIONER
TONY ENGELHARDT, COMMISSIONER
BOB CHRISTIANSON, COMMISSIONER
KEVIN CHRIST, AUDITOR
THOMAS LITTLE, CITY ENGINEER

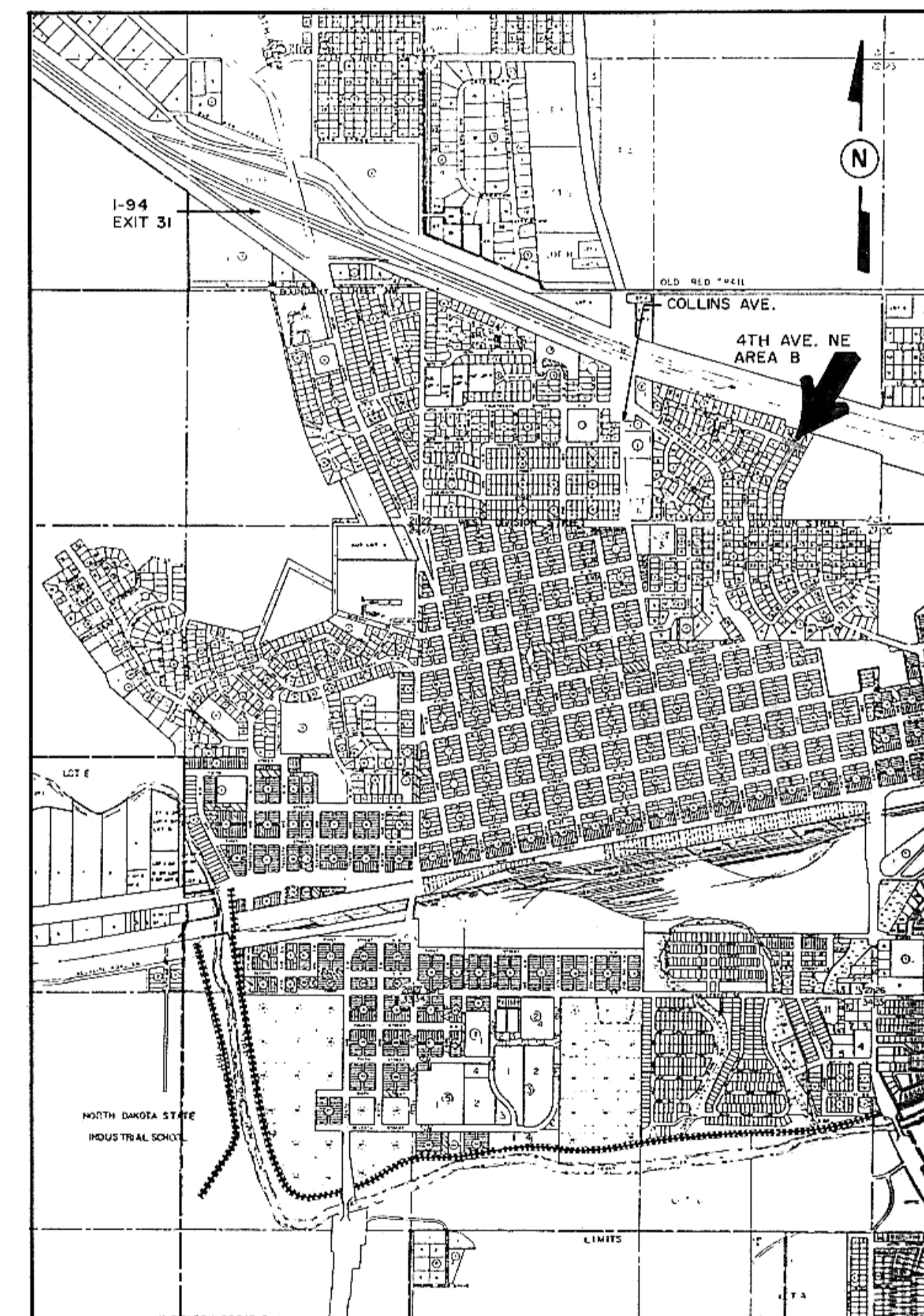
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5	AREA C, PINTAIL LOOP S.E. PLAN & PROFILE
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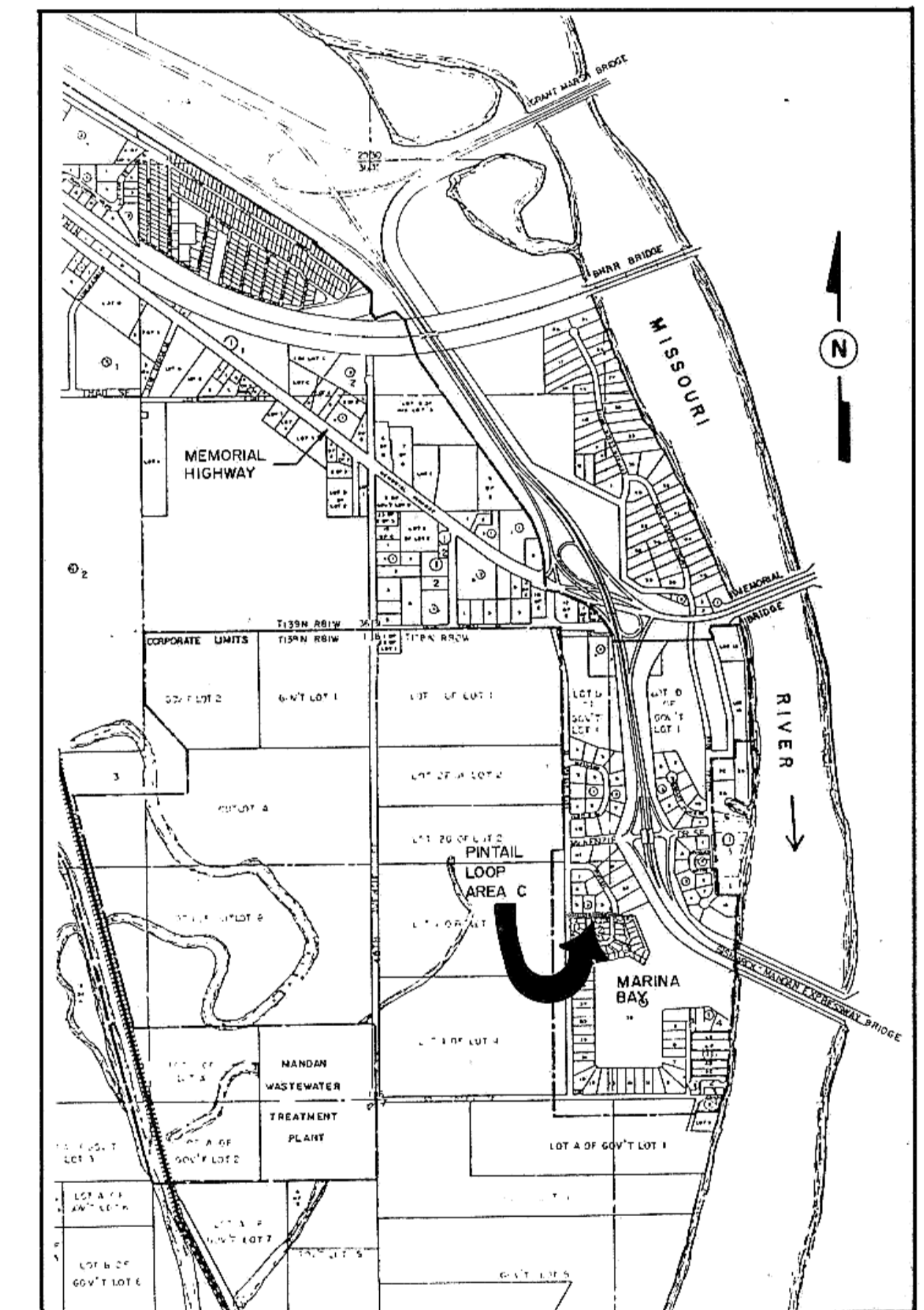
AREA A



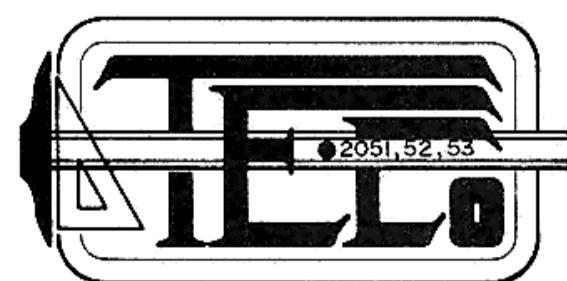
AREA B



AREA C



APPROVED: _____ DATE _____
THOMAS LITTLE, R.P.E. CITY ENGINEER, MANDAN, NORTH DAKOTA



PREPARED BY:

TOMAN ENGINEERING CO. ★ CONSULTING ENGINEERS ★ MANDAN, NORTH DAKOTA

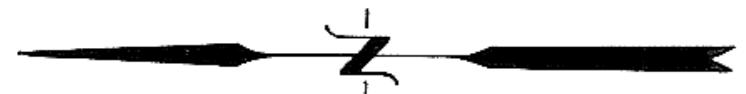
CONSULTING CIVIL & ENVIRONMENTAL ENGINEERS
P.O. BOX 708 • 906 2ND ST. N.W. • MANDAN, NORTH DAKOTA 58554 • 701-683-6483

JUNE 1991



D 85

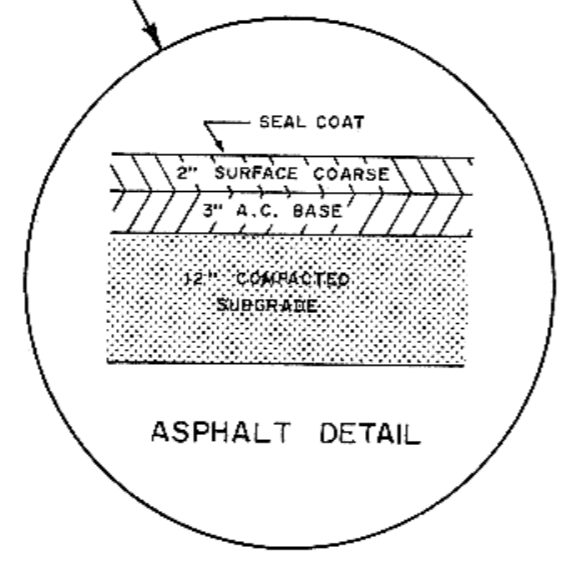
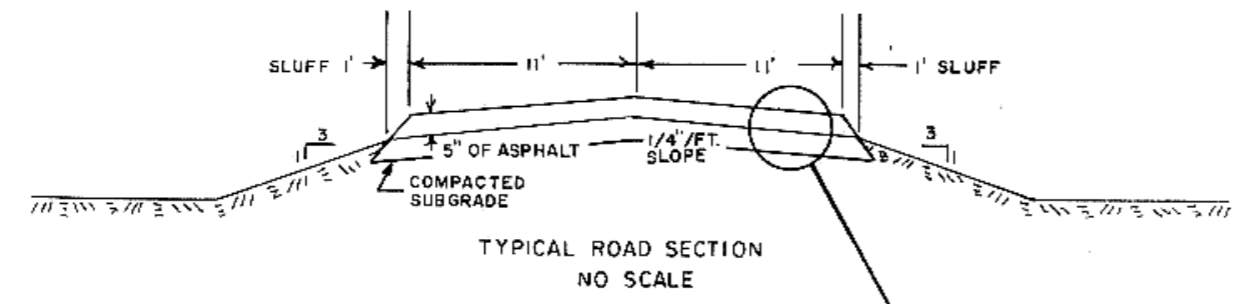
HIGHLAND ROAD
AREA A
SID 85



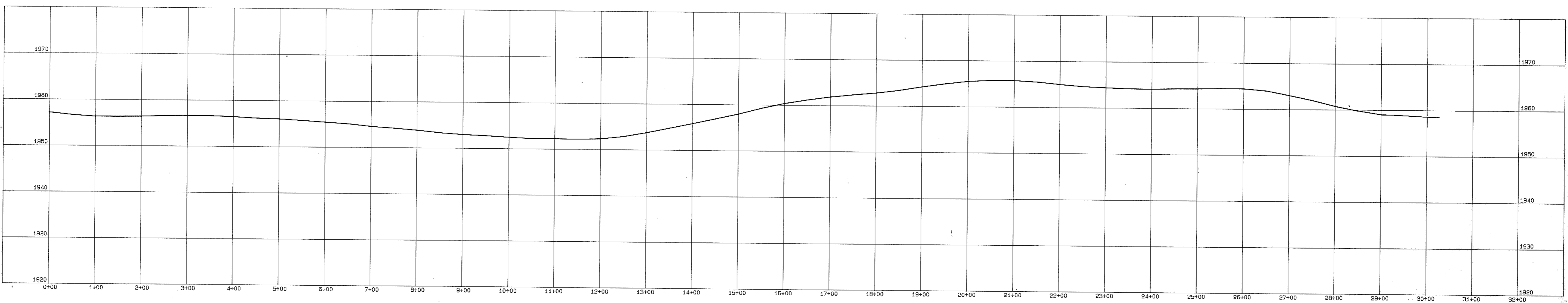
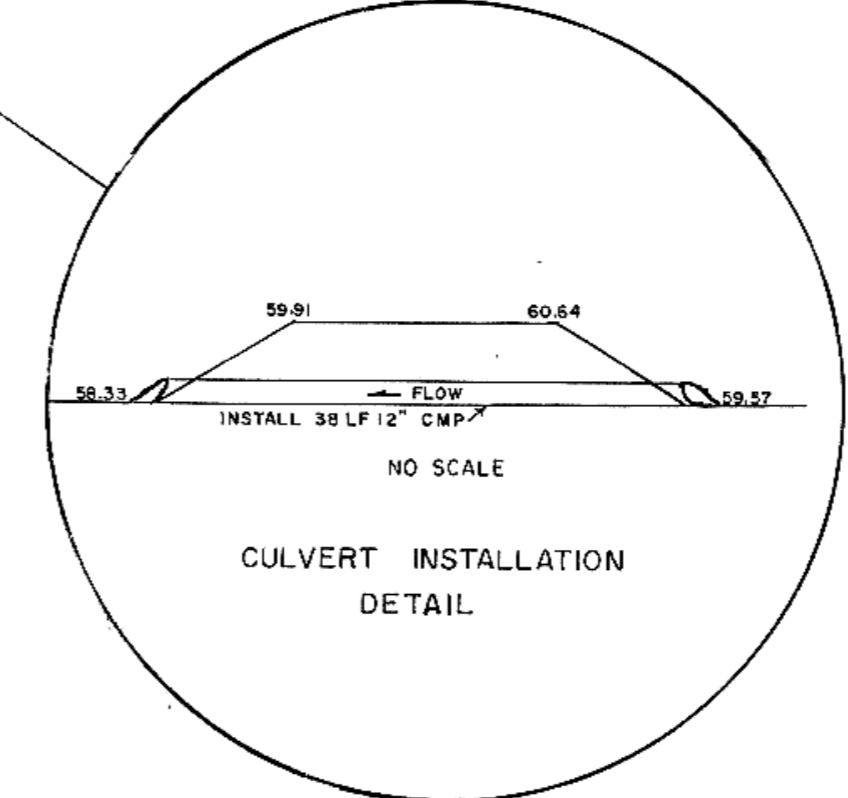
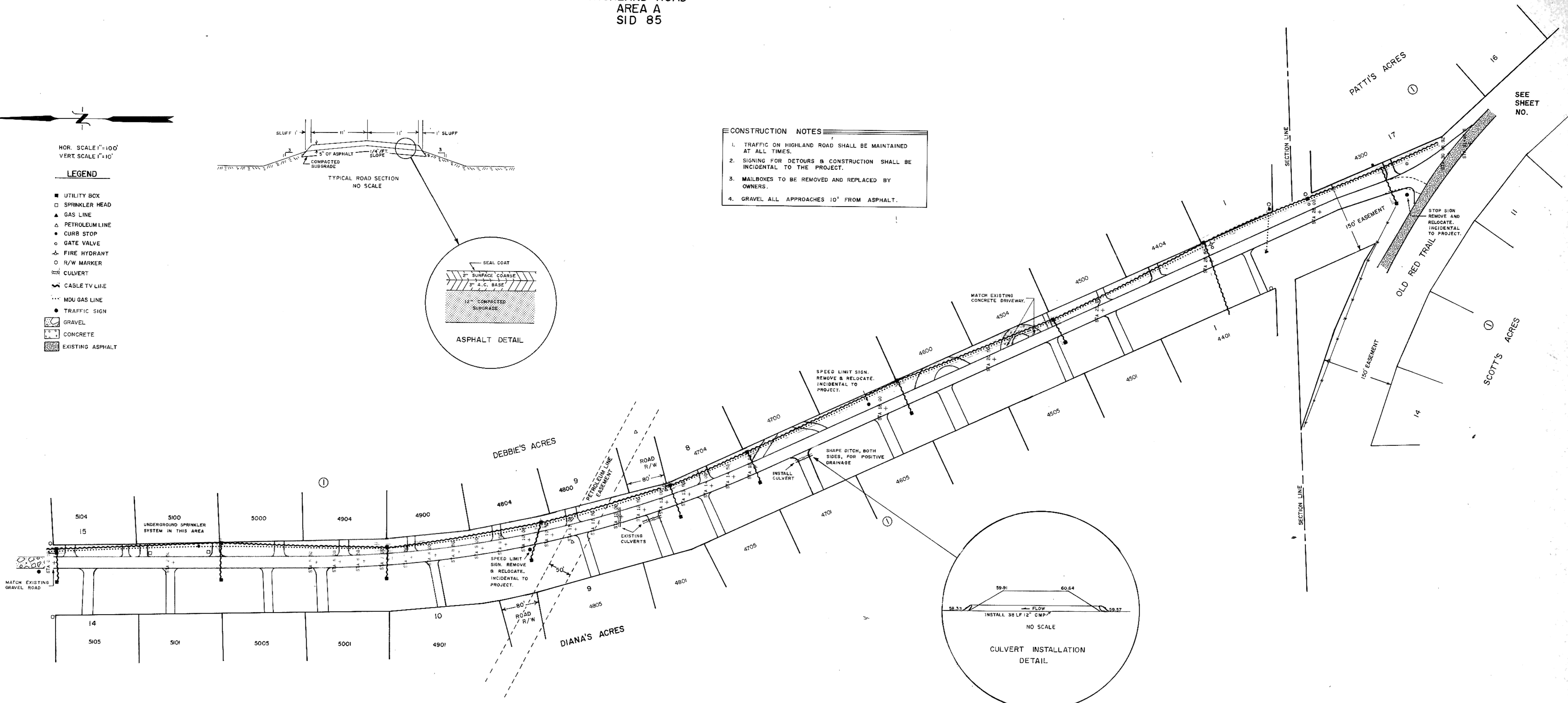
HOR. SCALE 1"=100'
VERT. SCALE 1"=10'

LEGEND

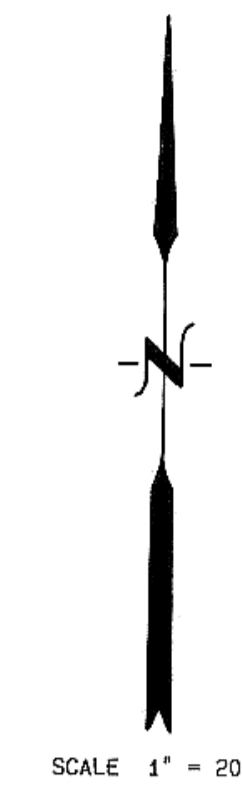
- UTILITY BOX
- SPRINKLER HEAD
- ▲ GAS LINE
- △ PETROLEUM LINE
- CURB STOP
- GATE VALVE
- FIRE HYDRANT
- R/W MARKER
- ▬ CULVERT
- ▬ CABLE TV LINE
- ▬ MDU GAS LINE
- TRAFFIC SIGN
- ▨ GRAVEL
- ▨ CONCRETE
- ▨ EXISTING ASPHALT



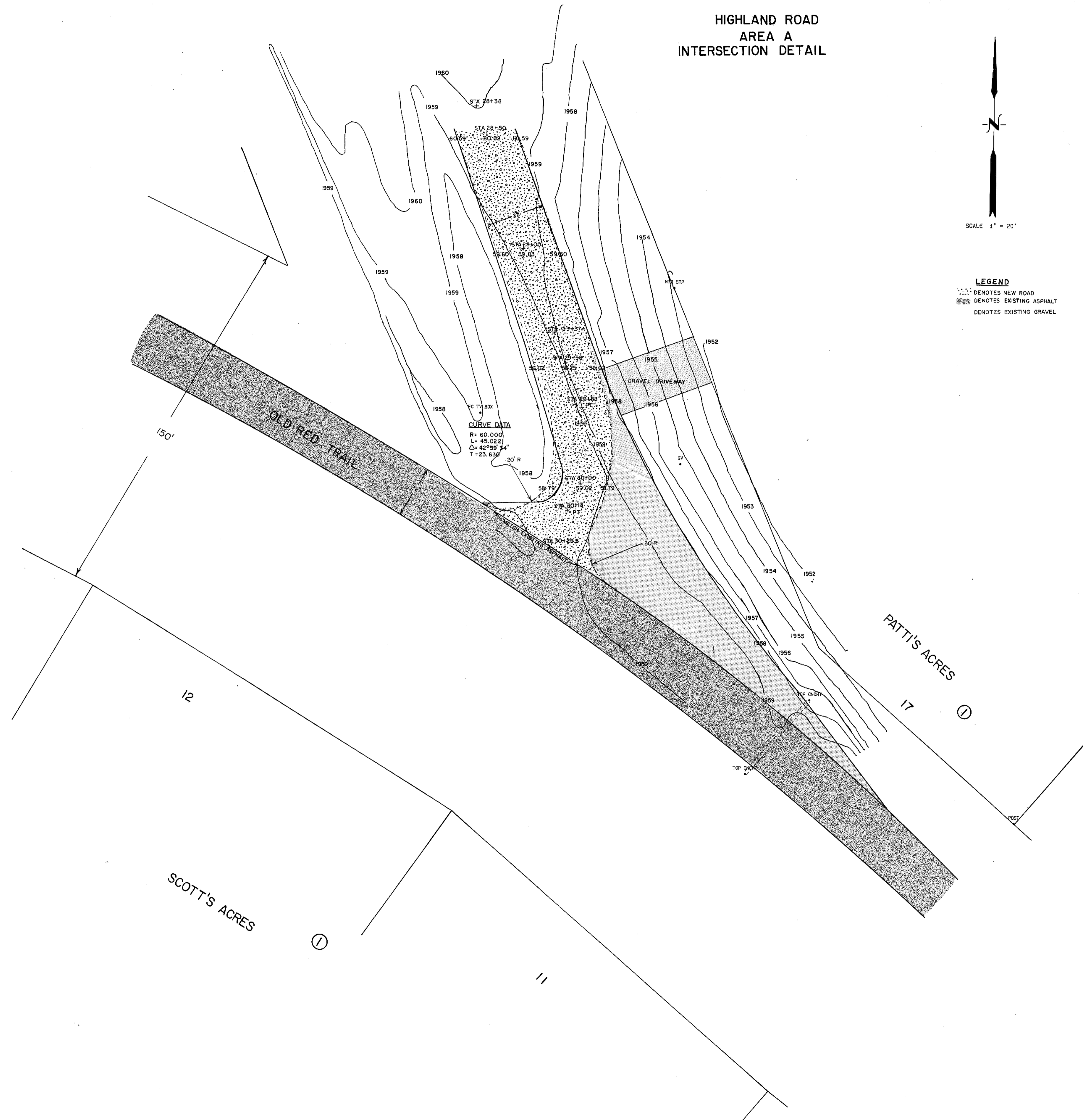
- CONSTRUCTION NOTES
1. TRAFFIC ON HIGHLAND ROAD SHALL BE MAINTAINED AT ALL TIMES.
 2. SIGNING FOR DETOURS & CONSTRUCTION SHALL BE INCIDENTAL TO THE PROJECT.
 3. MAILBOXES TO BE REMOVED AND REPLACED BY OWNERS.
 4. GRAVEL ALL APPROACHES 10' FROM ASPHALT.



HIGHLAND ROAD
AREA A
INTERSECTION DETAIL



LEGEND
 --- DENOTES NEW ROAD
 ▨ DENOTES EXISTING ASPHALT
 ▩ DENOTES EXISTING GRAVEL



PINTAIL LOOP SE

AREA "C"
SID 85

BM: NE FLANGE BOLT, HYDRANT; N. SIDE PINTAIL LOOP SE,
ACROSS FROM LOT 1, BLK 2, SHORES OF MARINA BAY, 1637.70'

SCALE: HOR 1" = 30'
VERT 1" = 2'

CAUTION
LOCATE ALL BURIED UTILITIES BEFORE DIGGING

ELECTRICAL SYMBOL LEGEND

- ☒ FEED POINT-NEW
- ☒ FEED POINT-EXISTING
- ⊗ LIGHTING STANDARD/LUMINAIRE-NEW
- ⊗ LIGHTING STANDARD/LUMINAIRE-EXISTING
- JUNCTION BOX
- UNDERGROUND CIRCUITRY-DIRECT BURIAL-3 CONDUITERS UNDERSTOOD
- - - CONDUIT FOR UNDERGROUND CIRCUITRY

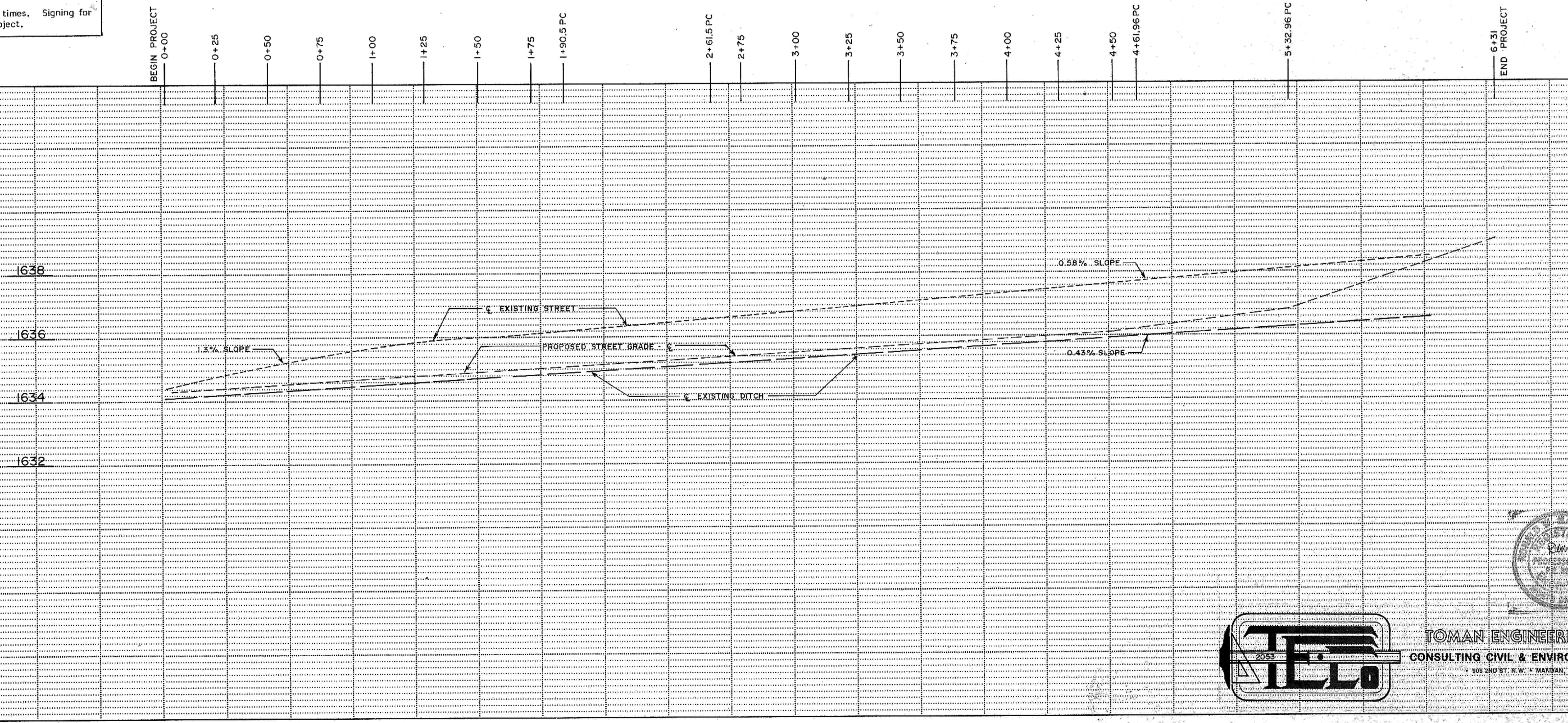
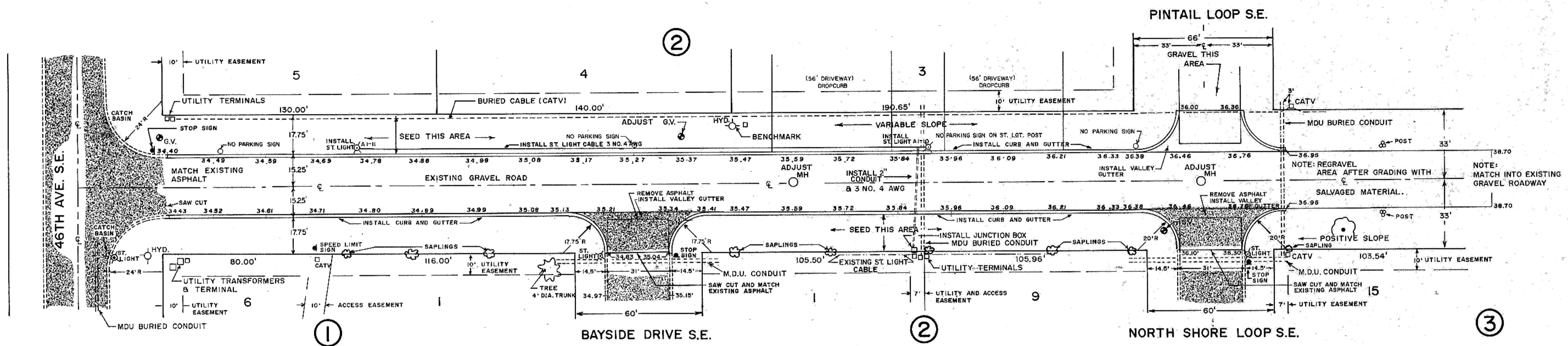
CONSTRUCTION NOTES

1. All grades as shown are gutter grades.
2. Existing roadway is 24' wide with 6" of gravel. Gravel is to be removed and salvaged and placed at designated areas.
3. Do not disturb trees.
4. Remove ends of curbs and gutter.
5. All boulevards from curb and gutter to the property line shall be top soiled and seeded.
6. Traffic on Pintail Loop shall be open to traffic at all times. Signing for detours and construction shall be incidental to the project.

NOTE: "INSTALL" INDICATES ITEM HAS BEEN INSTALLED BY CONTRACTOR

DATE	
BY	
SURVEYED	
PLOTTED	
NOTED	
NO.	

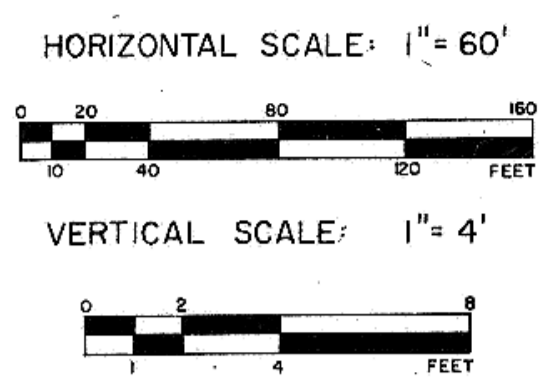
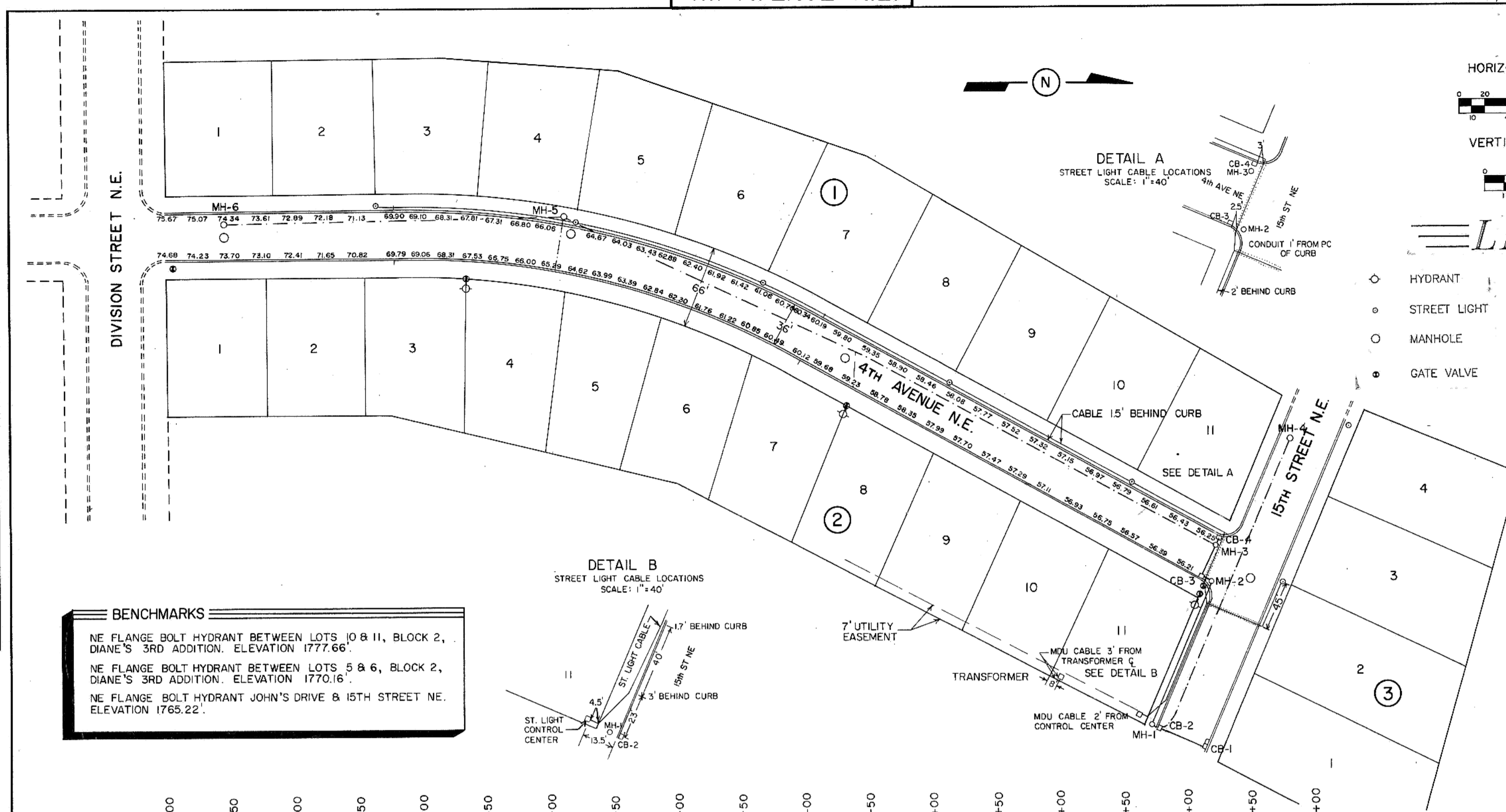
DATE	
BY	
SURVEYED	
PLOTTED	
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NO.	



TOMAN ENGINEERING COMPANY
CONSULTING CIVIL & ENVIRONMENTAL ENGINEERS
1000 3RD ST. N.W. • MANHATTAN, NORTH DAKOTA 58544 • 701-543-4143

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	



LEGEND

- HYDRANT
- STREET LIGHT
- MANHOLE
- GATE VALVE
- STORM SEWER MANHOLE
- CATCH BASIN
- 2" CONDUIT
- UNDERGROUND CIRCUITRY
- 15" REINFORCED CONCRETE PIPE
- 6" PERFORATED COLLECTOR PIPE

