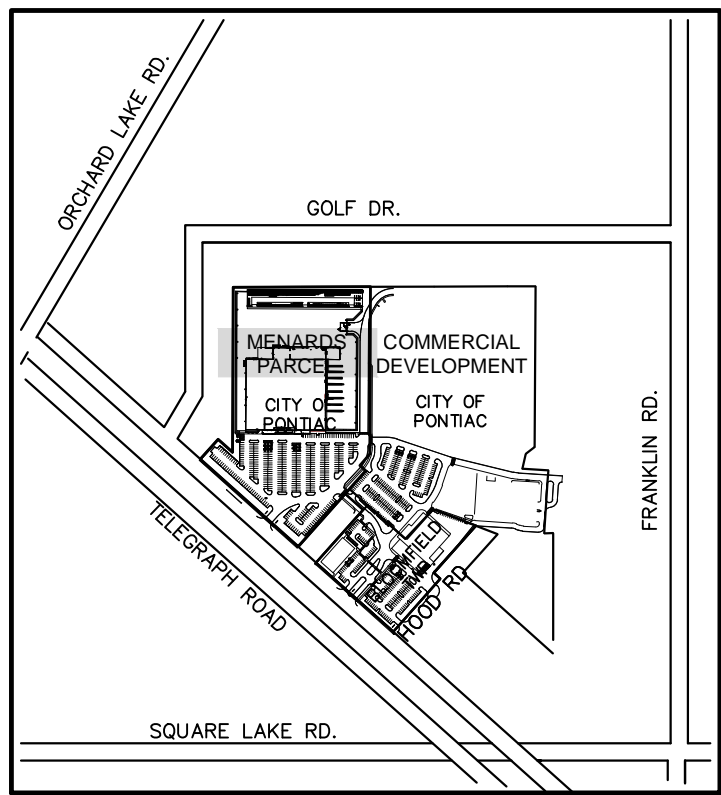


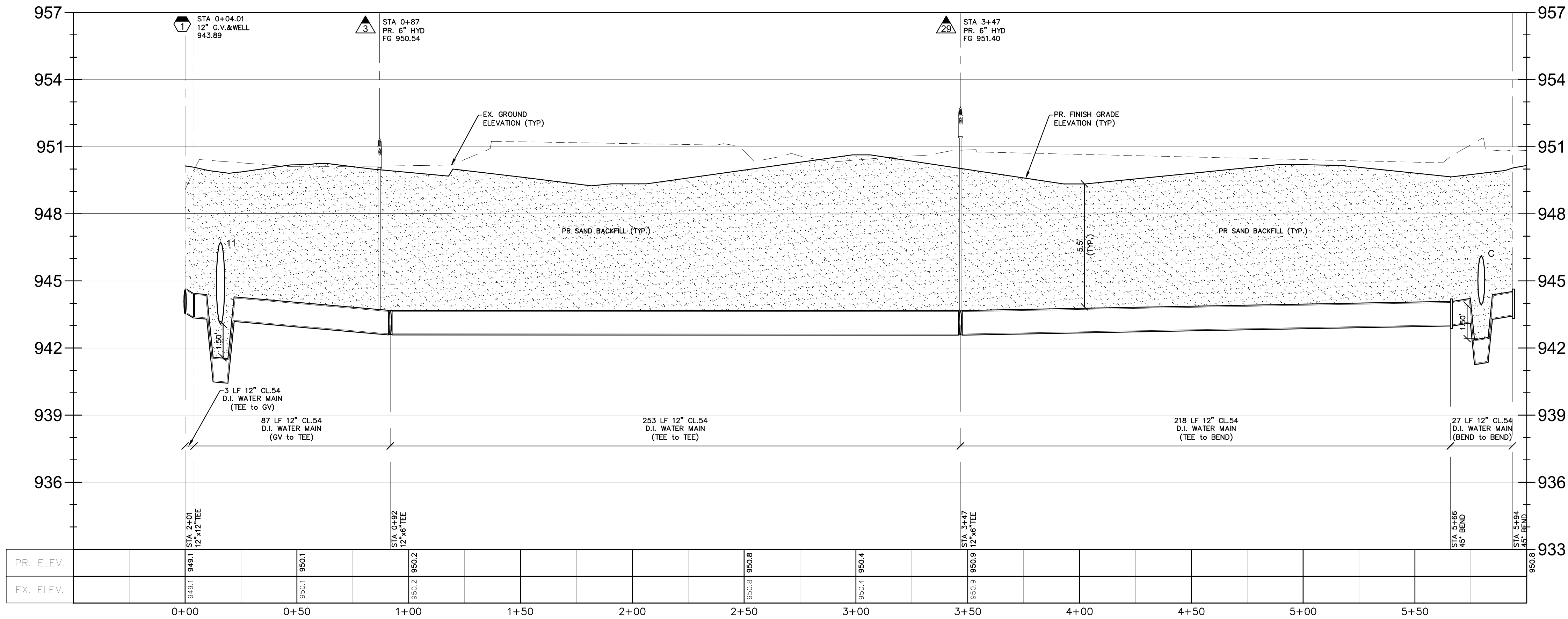
WATER MAIN DETAIL "B"
1" = 30'



LOCATION MAP
N.T.S.

LEGEND

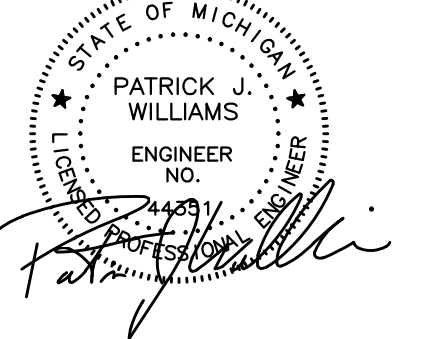
- | | | | | |
|-----------------------------|---------------|-------------------------|----|----------------------|
| CLEAN-OUT | MANHOLE | EXISTING SANITARY SEWER | | |
| HYDRANT | GATE VALVE | EXISTING WATER MAIN | | |
| INLET | RYCB | EXISTING STORM SEWER | | |
| | | EXISTING BURIED CABLES | | |
| | | EXISTING GAS MAIN | | |
| UTILITY POLE | GUY POLE | GUY WIRE | | |
| EXISTING LIGHT POLE | EXISTING SIGN | EXISTING OVERHEAD LINES | | |
| C.O. | MANHOLE | PR. SANITARY SEWER | | |
| HYDRANT | GATE VALVE | PROPOSED WATER MAIN | | |
| INLET | RYCB | MANHOLE | CB | PROPOSED STORM SEWER |
| COMPACT TO 95% MAX. DENSITY | | | | |
| PR. SAND BACKFILL | | | | |
| UTILITY CROSSING | | | | |
| PR. TOP OF CURB ELEVATION | | | | |
| PROPOSED GUTTER ELEVATION | | | | |
| PR. TOP OF WALK ELEVATION | | | | |
| PR. TOP OF PAVEMENT ELEV. | | | | |
| PROPOSED FINISH GRADE | | | | |
| PROPOSED CONTOUR | | | | |
| PROPOSED SWALE | | | | |
| PR. DRAINAGE DIRECTION | | | | |
| PROPOSED INLET FILTER | | | | |
| DRAINAGE AREA LIMITS | | | | |
| PROPOSED SILT FENCE | | | | |
| LIMITS OF SOIL DISRUPTION | | | | |



CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS

NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL. (248) 332-7931
FAX. (248) 332-8257

SEAL



PROJECT
Village at Bloomfield

CLIENT
REDICO
One Towne Square,
Suite 1600
Southfield, MI 48076

Contact:
Phone: (248) 784-6486

PROJECT LOCATION
Part of the W. 1/2 of Section 5,
T. 2N., R. 10E., and part of the
NE 1/4 of Section 6, T. 2N., R.
10E., Bloomfield Township, The
City of Pontiac and Bloomfield
Township (conditionally
transferred to The City of
Pontiac) Oakland County,
Michigan

SHEET
Water Main Plan & Profiles
Sta 0+00 to 5+94



Know what's below
Call before you dig.

DATE ISSUED / REVISED
05-12-17 Bids / Permits

DRAWN BY:

A. Wiseman

DESIGNED BY:

A. Wiseman

APPROVED BY:

P. Williams

DATE:

03-16-17

SCALE: 1" = 30'



NFE JOB NO.

A116-21

SHEET NO.

C-47