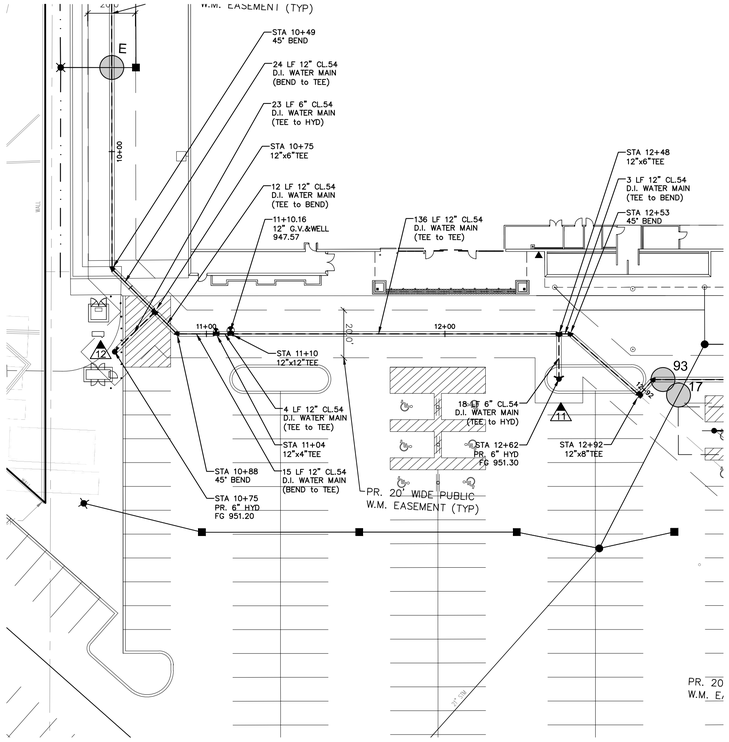
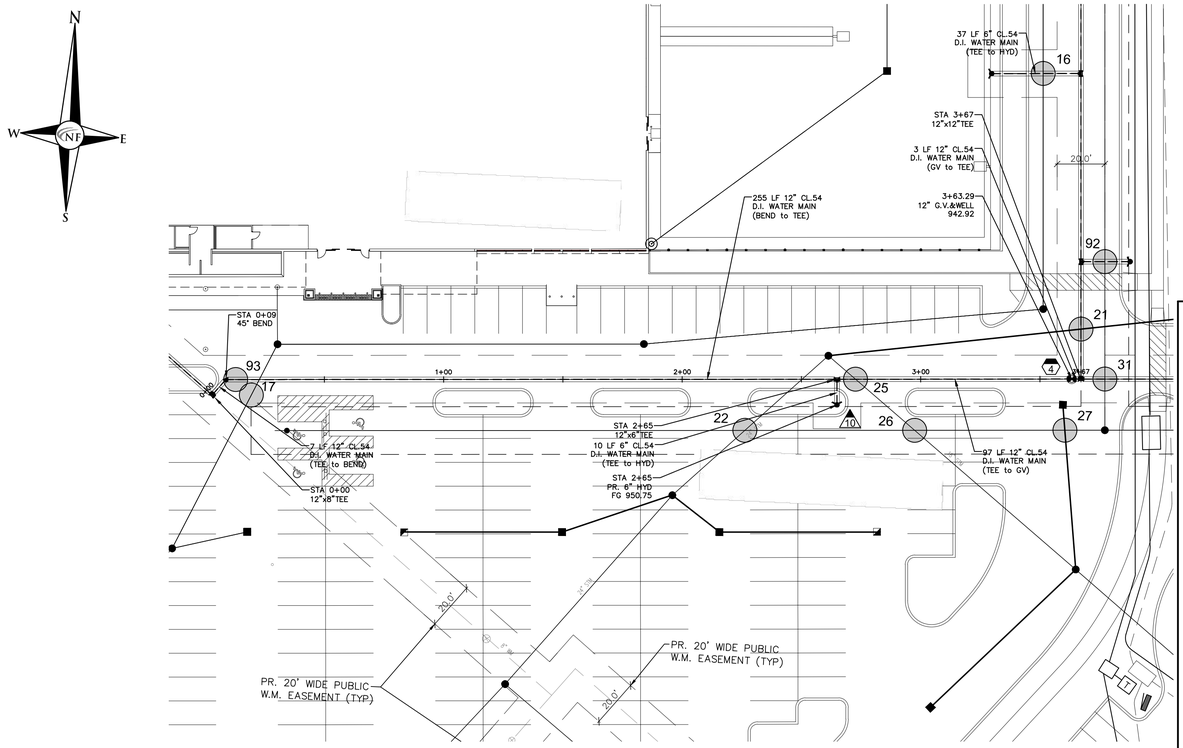
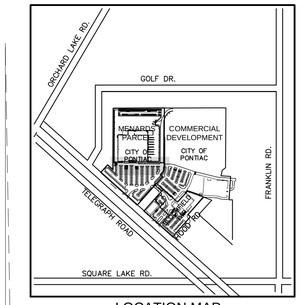


WATER MAIN DETAIL "D"
1" = 30'



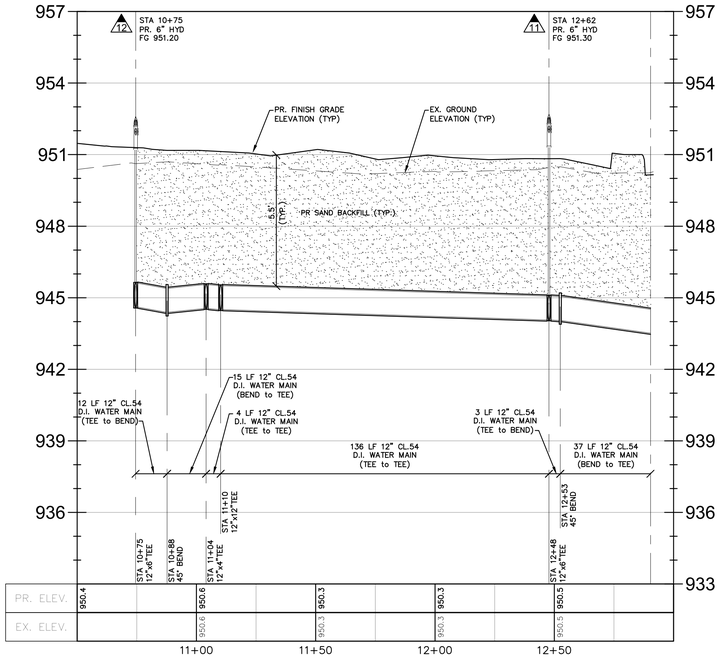
WATER MAIN DETAIL "E"
1" = 30'

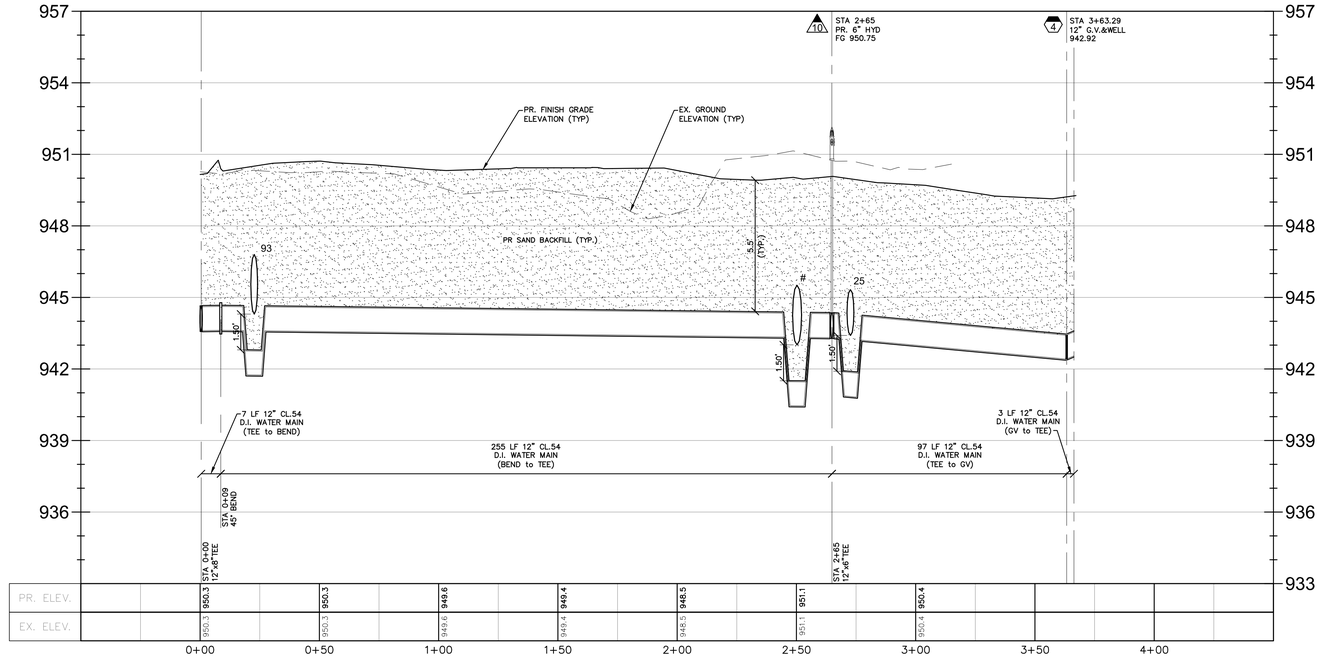


LOCATION MAP
N.T.S.

LEGEND

- CLEAN-OUT / MANHOLE — EXISTING SANITARY SEWER
- HYDRANT / GATE VALVE — EXISTING WATER MAIN
- INLET / RYCB / MANHOLE / CB — EXISTING STORM SEWER
- EXISTING BURIED CABLES
- EXISTING GAS MAIN
- UTILITY POLE / GUY POLE / GUY WIRE — EXISTING OVERHEAD LINES
- EXISTING LIGHT POLE / EXISTING SIGN
- 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
- A — UTILITY CROSSING
- TC 600.00 — PR. TOP OF CURB ELEVATION
- GU 600.00 — PROPOSED GUTTER ELEVATION
- TW 600.00 — PROPOSED TOP OF WALK ELEVATION
- TP 600.00 — PR. TOP OF PAVEMENT ELEV.
- FG 600.00 — PROPOSED FINISH GRADE
- 600 — PROPOSED CONTOUR
- PROPOSED SWALE
- PR. DRAINAGE DIRECTION
- PROPOSED INLET FILTER
- DRAINAGE AREA LIMITS
- PROPOSED SILT FENCE
- LIMITS OF SOIL DISRUPTION



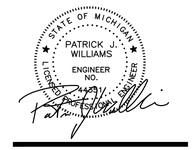


NF ENGINEERS

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:
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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 10+25 to 12+53
Sta 0+00 to 3+67

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'

30 15 0 15 30 45

NFE JOB NO. **A116-21**
SHEET NO. **C-49**