Sheet

WATER SUPPLY WELL NO. 3 PUMPING EQUIPMENT

FOR

HARING CHARTER TOWNSHIP

HARING TOWNSHIP, WEXFORD COUNTY, MICHIGAN



VICINITY MAP

HARING CHARTER TOWNSHIP

OWNER 515 BELL AVE, CADILLAC, MI 49601 231.775.8822

ENGINEER

GOSLING CZUBAK ENGINEERING SCIENCES, INC.

UTILITY CONTACTS

NAME OF OWNER

TYPE OF UTILITY

AT&T TELEPHONE, 616.881.2268

CHARTER COMMUNICATIONS CABLE TV 4273 58TH ST., HOLLAND, MI 49423 800.778.9140

CHARTER COMMUNICATIONS FIBER OPTICS 105 KENT ST., IRON MOUNTAIN, MI 49801 800.778.9140

> CONSUMERS ENERGY ELECTRIC 800.778.9140

> > DTE ENERGY GAS 231.878.8630

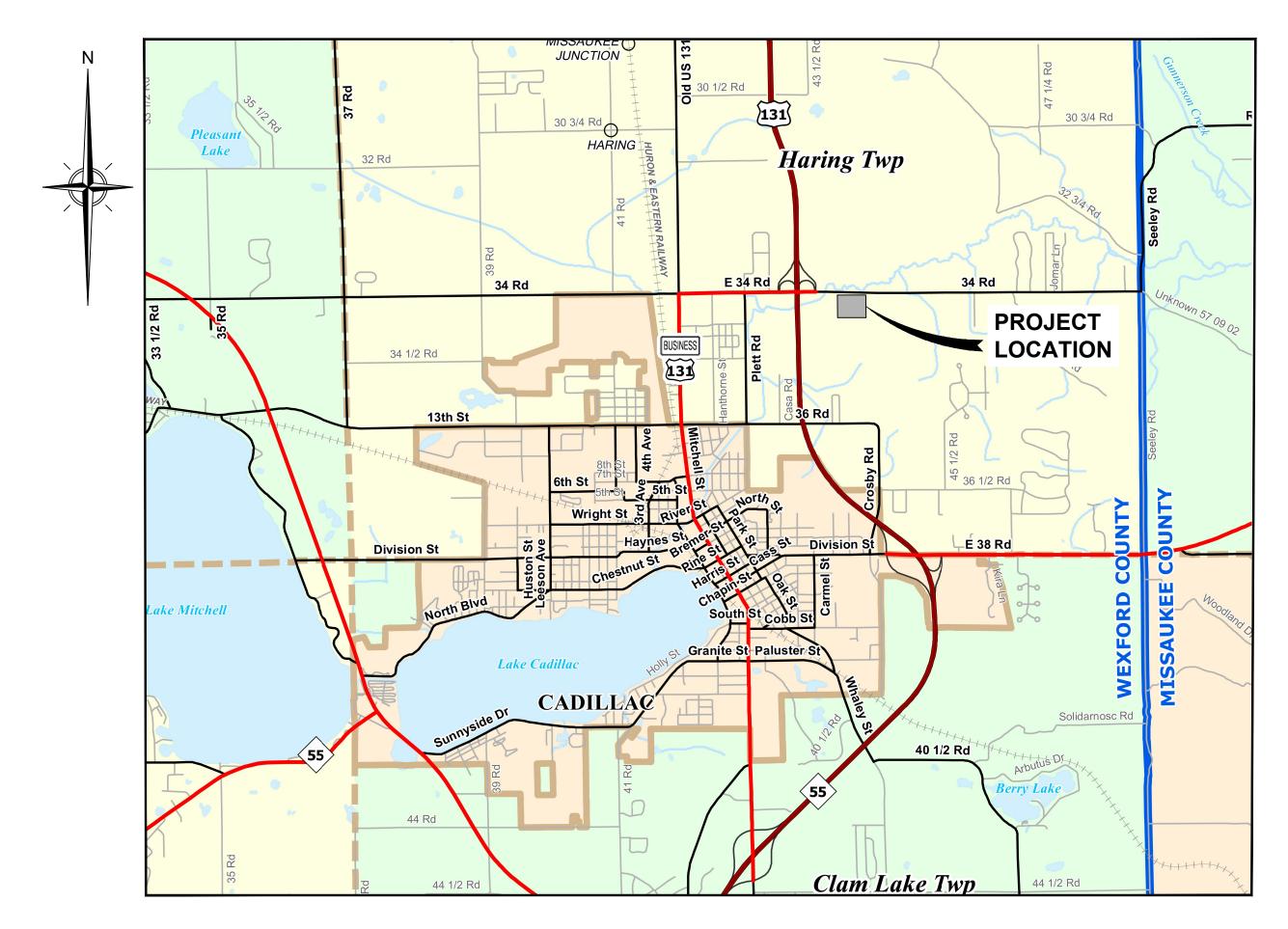
HARING CHARTER TOWNSHIP POTABLE WATER 517.242.7131

HARING CHARTER TOWNSHIP SANITARY SEWER 517.242.7131

KEPS TECHNOLOGIES INC. NET FIBER OPTICS 1800 NORTH GRAND RIVER AVE LANSING, MI 48906

MERIT NETWORK FIBER OPTICS 880 TECHNOLOGY DR., ANN ARBOR, MI 48108-8963 734.527.5729

800.778.9140



LOCATION MAP NOT TO SCALE

Know what's below. Call before you dig.

Issue Date 10/9/2025

> Project No. 240359

ORIGINAL SHEET SIZE IS 22x34 - HALF SCALE SHEET IS 11x17

Sheet List Table

Sheet Number

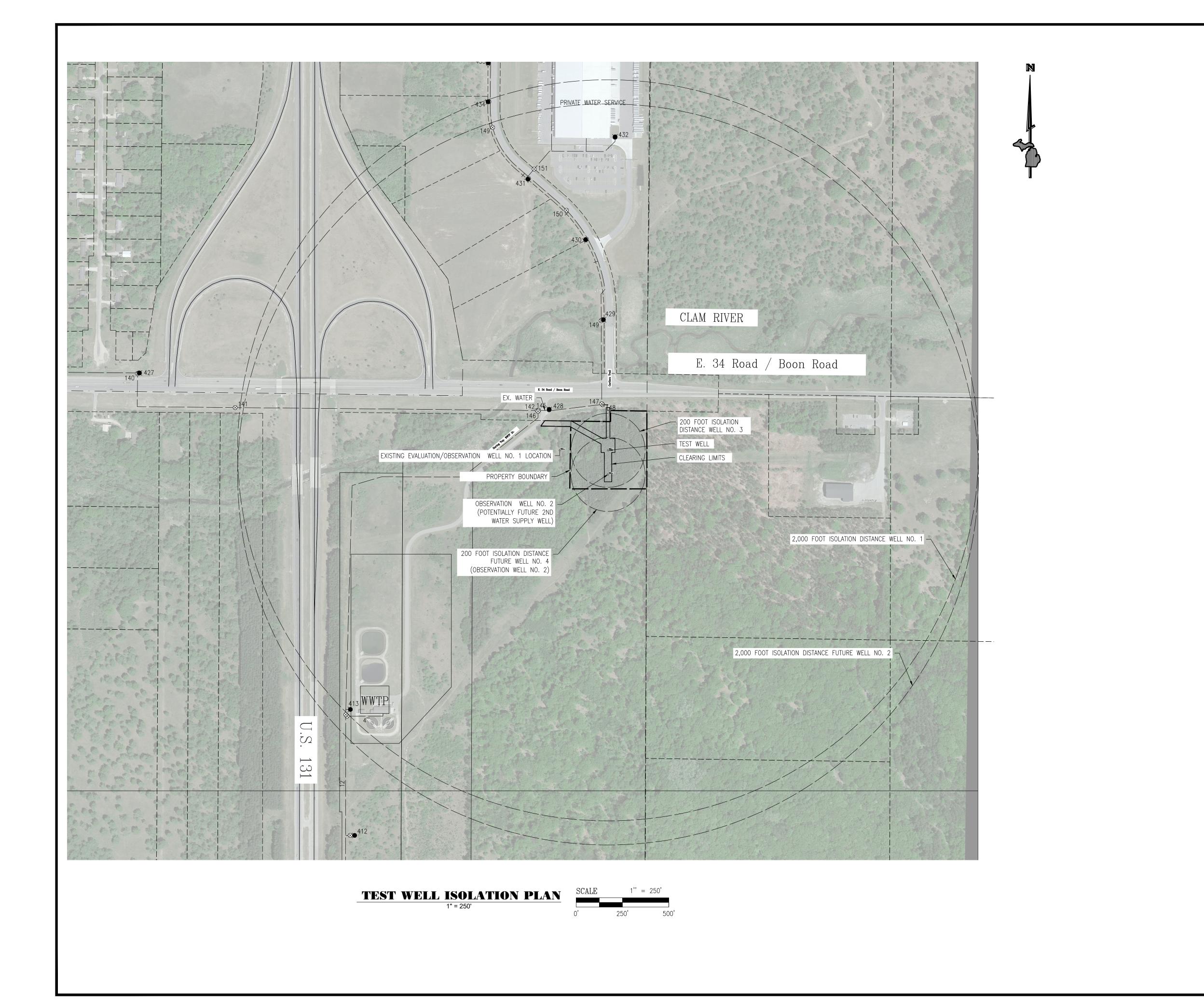
Sheet Title

COVER

WELL ISOLATION PLAN

NEW WATER SUPPLY PIPING PLAN

WATER DETAILS



1280 Business Park Dr.

Traverse City, Michigan 231-946-9191 phone info@goslingczubak.com www.goslingczubak.com

CIVIL ENGINEERING
SURVEYING
ENVIRONMENTAL SERVICES
GEOTECHNICAL
CONSTRUCTION SERVICES
DRILLING
LANDSCAPE ARCHITECTURE

Date Issued: Date Surveyed: Designed By: Drawn By: Checked By:

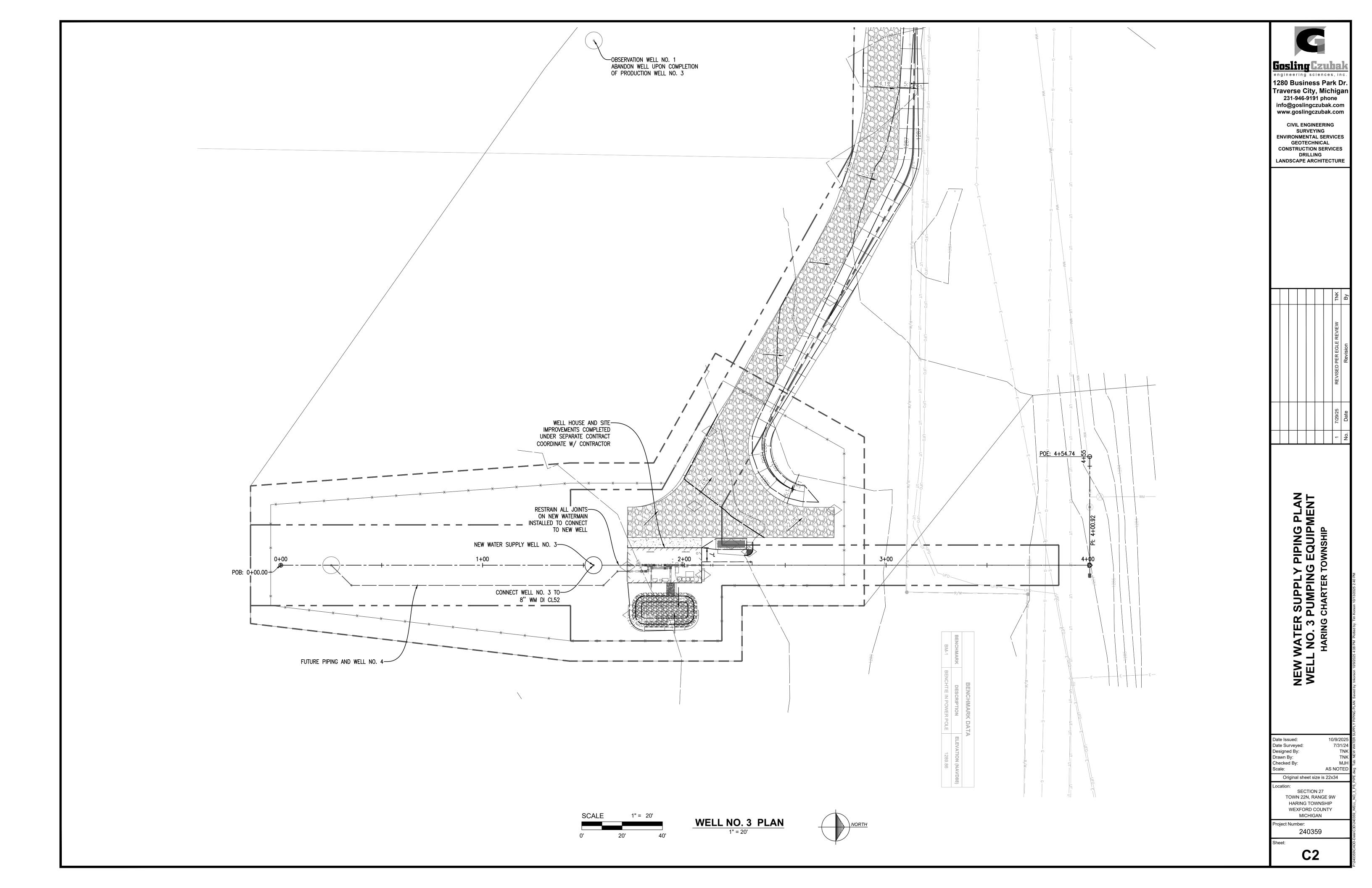
10/9/2025 APRIL 2024 TNK

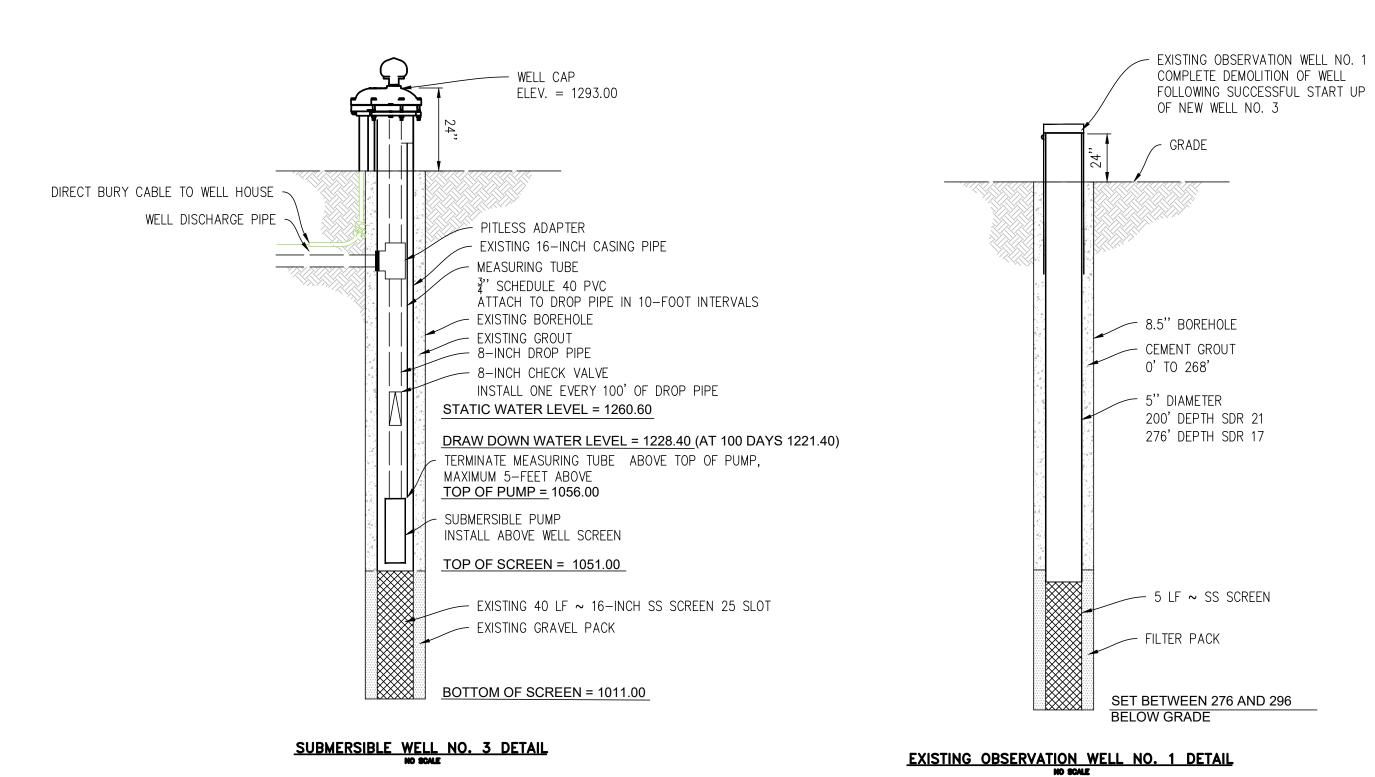
Original sheet size is 22x34

SECTION 27 TOWN 22N, RANGE 9W HARING TOWNSHIP WEXFORD COUNTY MICHIGAN

240359

C1





UNDER PAVEMENT I IN UNPAVED AREA (PRIVATE ROADS, DRIVEWAYS, & SMALL PATCHES ON COUNTY ROADS) SAWCUT EX. -PAVEMENT — DAMAGED – PAVEMENT FINISHED GRADE - BITUMINOUS PAVT. EX. PAVEMENT IN TWO COURSES
PER SPECIFICATIONS - EXCAVATED MATERIAL 6"-22A AGGREGATE -BASE, C.I.P. D + 24" MAX. / / / / D + 16" MIN. CLEAN COMPACTED SAND FILL (USE FOR BACKFILL UNDER ALL PAVEMENT, SIDEWALK AND CURBS) NOTES: COMPACT SAND FILL TO 95% MAX. DRY UNIT WEIGHT. COMPACTED ASTM D2321 PIPE BEDDING AND INITIAL BACKFILL 2. USE METHOD II FOR ALL PLASTIC SANITARY SEWERS AND WATER MAINS. SHAPE TO FIT -PIPE BARREL METHOD II METHOD I IN CLAY, HARDPAN, ROCK, & FOR PLASTIC SANITARY SEWERS & WATER MAINS IN SAND AND GRAVEL

TRENCH DETAIL

NOT TO SCALE

CIVIL ENGINEERING SURVEYING **ENVIRONMENTAL SERVICES** GEOTECHNICAL CONSTRUCTION SERVICES DRILLING LANDSCAPE ARCHITECTURE WATER DETAILS
NO. 3 PUMPING EQUIPMENT
HARING CHARTER TOWNSHIP Date Issued: Date Surveyed: Designed By: Drawn By: Checked By: AS NOTED Original sheet size is 22x34 SECTION 27 TOWN 22N, RANGE 9W HARING TOWNSHIP WEXFORD COUNTY MICHIGAN

Project Number:

240359

C3

engineering sciences, inc.

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