

Appendix Q

- *Utility Overlap Maps*
- *Utility Inventory and Contact List*

Utility Overlap Maps

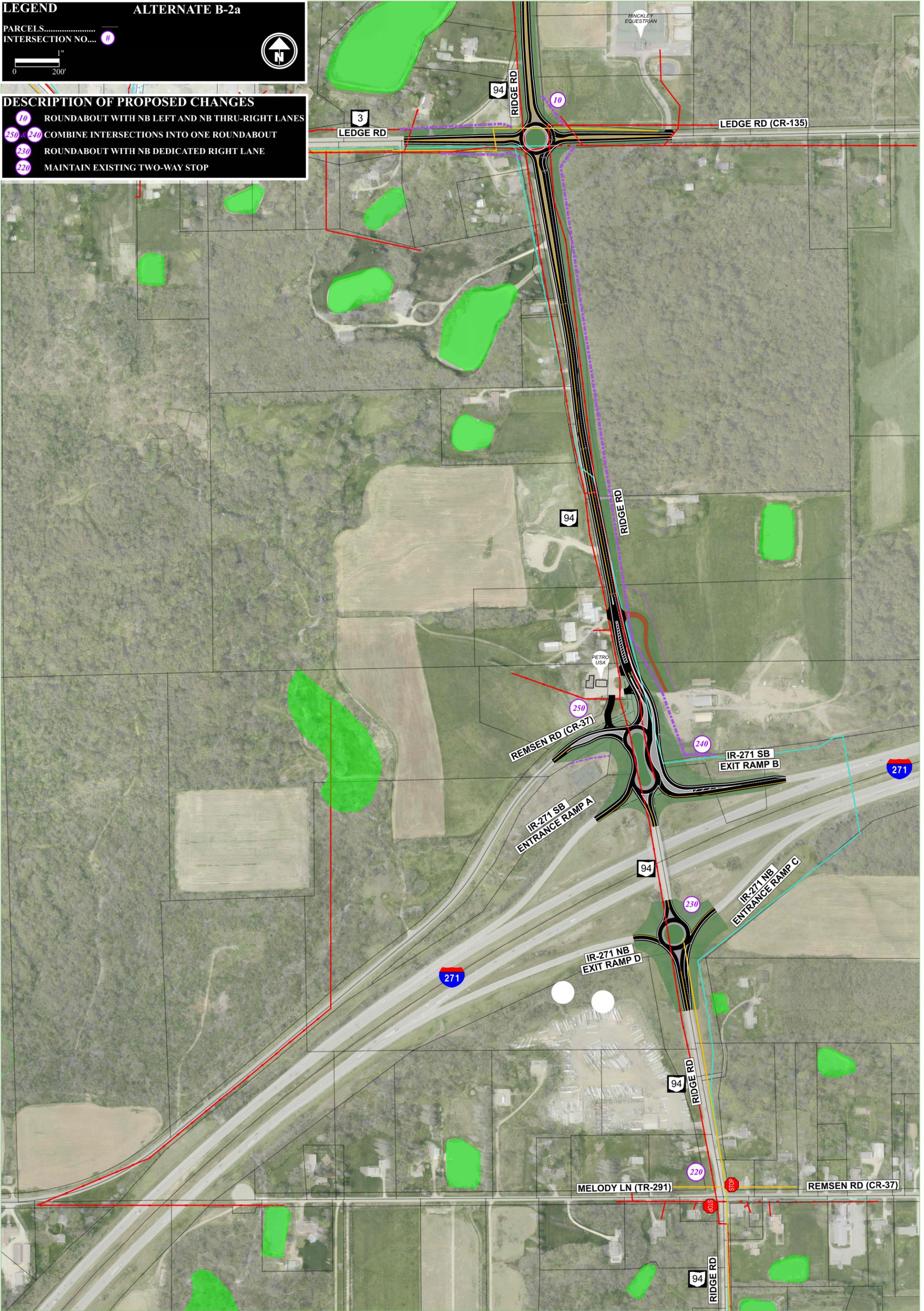
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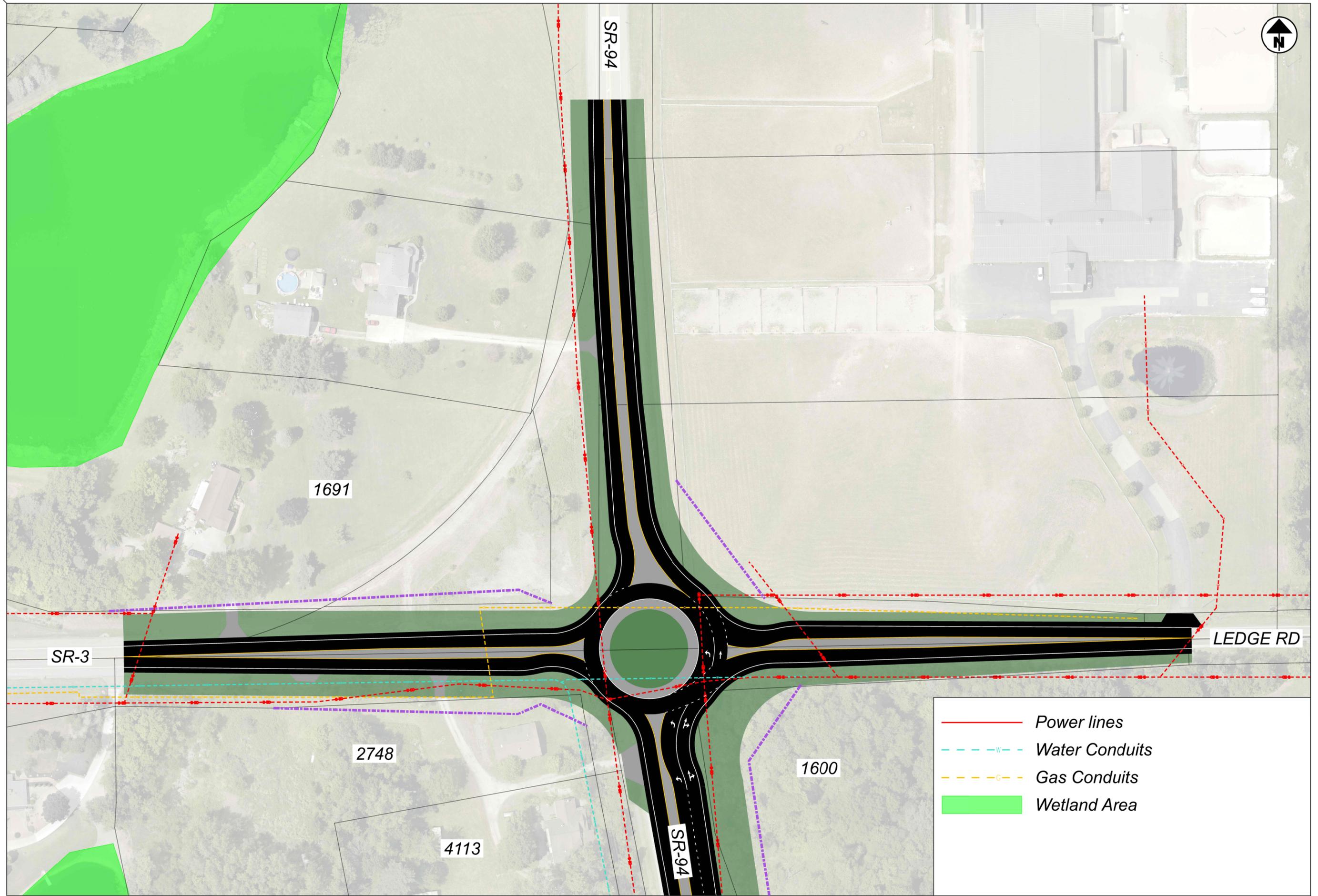
PARCELS.....

INTERSECTION NO..... #

DESCRIPTION OF PROPOSED CHANGES

- 10 ROUNDABOUT WITH NB LEFT AND NB THRU-RIGHT LANES
- 250 & 240 COMBINE INTERSECTIONS INTO ONE ROUNDABOUT
- 230 ROUNDABOUT WITH NB DEDICATED RIGHT LANE
- 220 MAINTAIN EXISTING TWO-WAY STOP



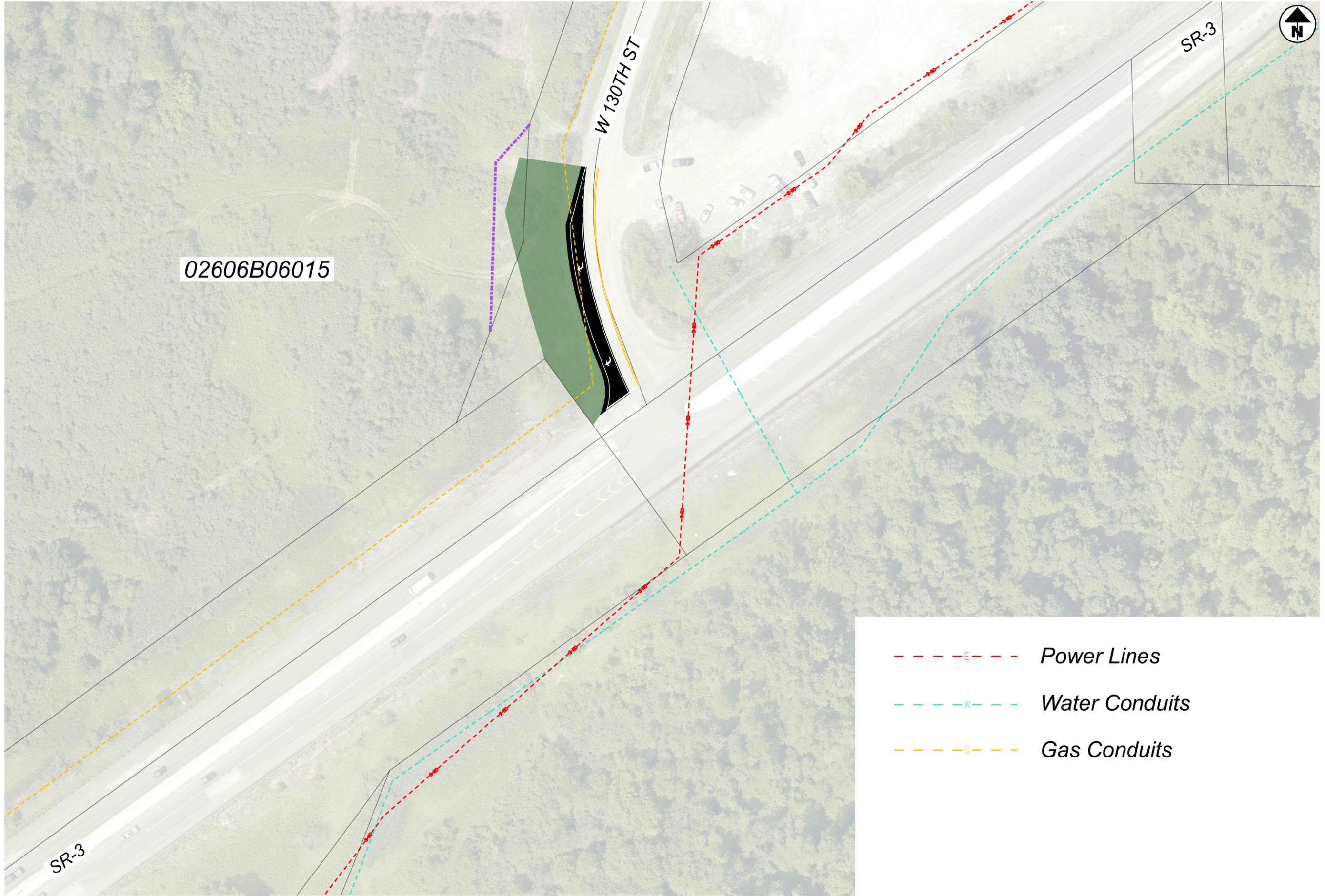


-  Power lines
-  Water Conduits
-  Gas Conduits
-  Wetland Area

117028 MED-71/271 STUDY ALTERNATIVE B
STATE ROUTE 94 & STATE ROUTE 3 UTILITY OVERLAP EXHIBIT

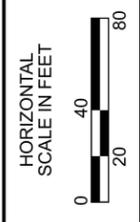


DESIGNER	
CAC	
REVIEWER	
XXX MM-DD-YY	
PROJECT ID	
117028	
SHEET	TOTAL
P.0	0



- - - E - - - Power Lines
- - - W - - - Water Conduits
- - - G - - - Gas Conduits

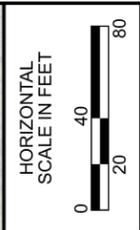
MED-71/271 STUDY ALTERNATIVE A
STATE ROUTE 3 & WEST 130TH STREET UTILITY OVERLAP EXHIBIT



DESIGN AGENCY

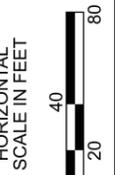
88 West Church Street
Newark, OH 43055
(740) 345-1921 (ph)
www.adrinnovation.com

DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



MED-71/271 STUDY ALTERNATIVE A-1
INTERSTATE ROUTE 71 & STATE ROUTE 3 UTILITY OVERLAP EXHIBIT

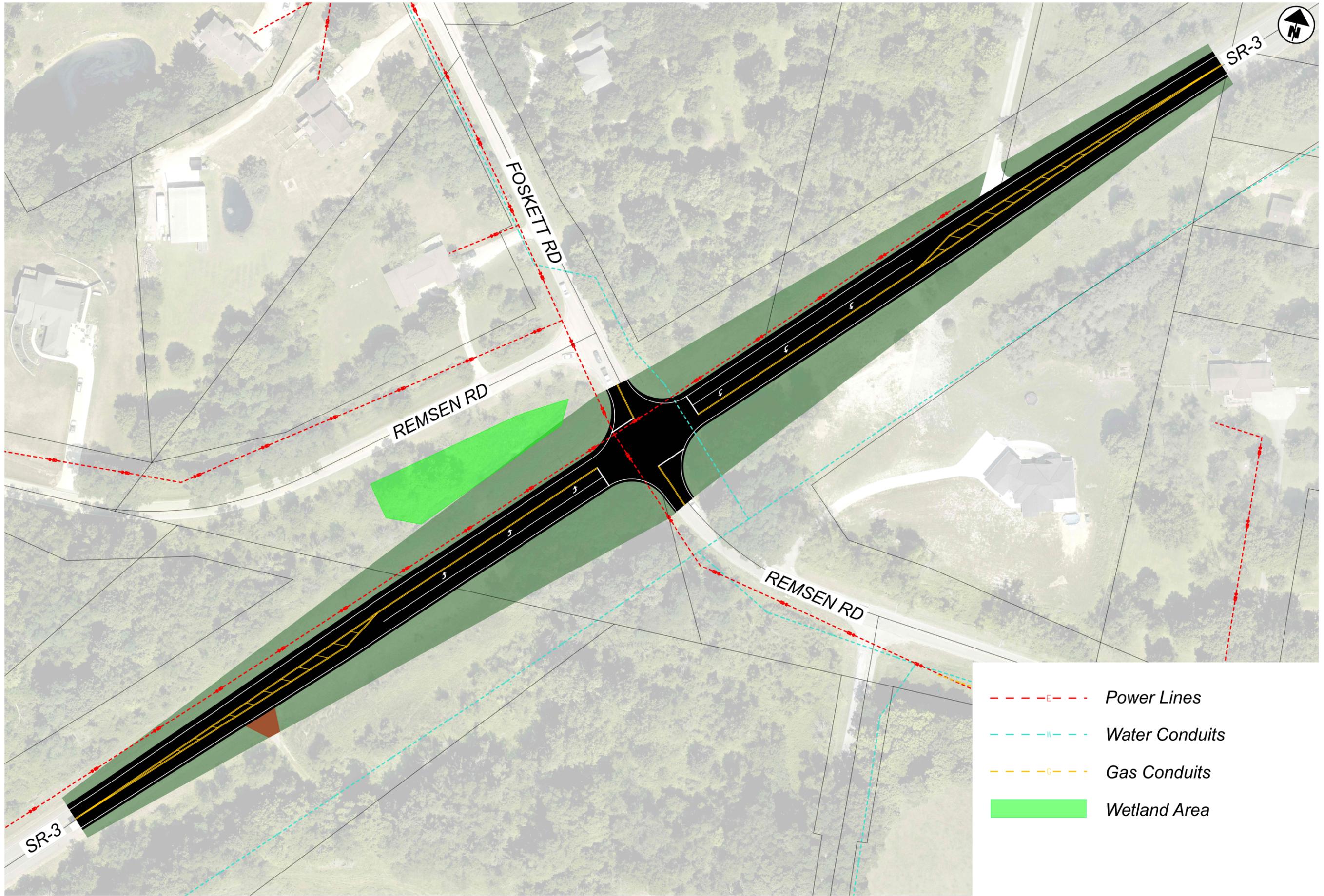
DESIGN AGENCY	
ADR An Employee Owned Company	
88 West Church Street Newark, OH 43055 (740) 345-1921 (ph) www.adrinnovation.com	
DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



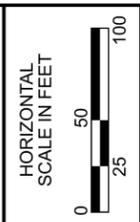
MED-71/271 STUDY ALTERNATIVE A
INTERSTATE ROUTE 71 & STATE ROUTE 3 UTILITY OVERLAP EXHIBIT

DESIGN AGENCY
ADR
 DESIGN • ENGINEERING • INNOVATION
 An Employee Owned Company
 88 West Church Street
 Newark, OH 43055
 (740) 345-1921 (ph)
 www.adrinnovation.com

DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



- E --- Power Lines
- W --- Water Conduits
- G --- Gas Conduits
- Wetland Area



MED-71/271 STUDY ALTERNATIVE A
STATE ROUTE 3 & REMSEN ROAD & FOSKETT ROAD UTILITY OVERLAP EXHIBIT

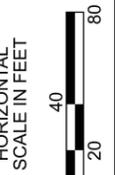
DESIGN AGENCY

 An Employee Owned Company
 88 West Church Street
 Newark, OH 43055
 (740) 345-1921 (ph)
 www.adrinnovation.com

DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



- - - E - - - Power Lines
- - - W - - - Water Conduits
- - - G - - - Gas Conduits
- Wetland Area



DESIGN AGENCY
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 An Employee Owned Company
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DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
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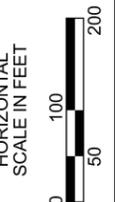
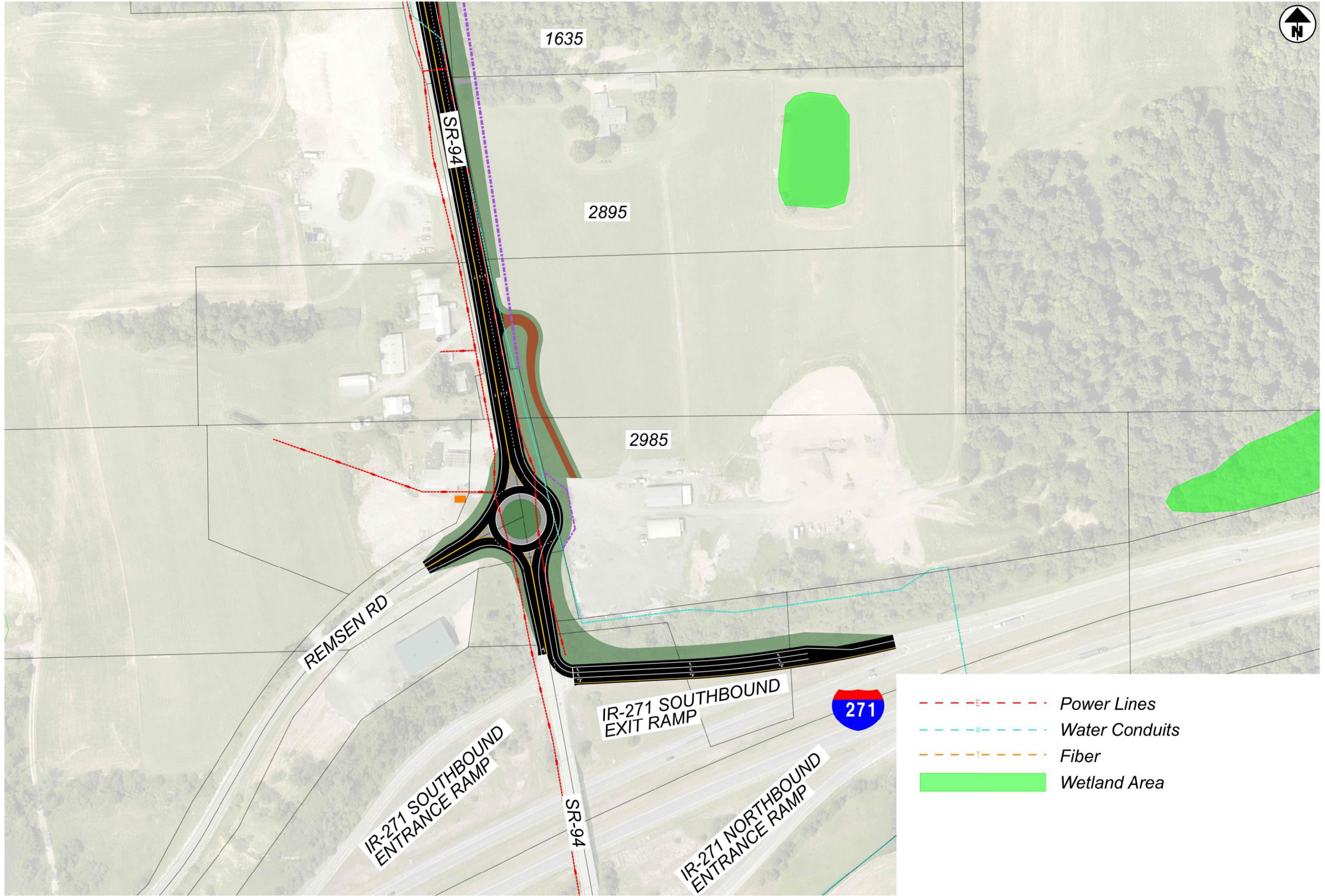


117028 MED-71/271 STUDY MEDIUM TERM ALTERNATIVE
STATE ROUTE 94 & REMSEN ROAD UTILITY OVERLAP EXHIBIT

DESIGN AGENCY



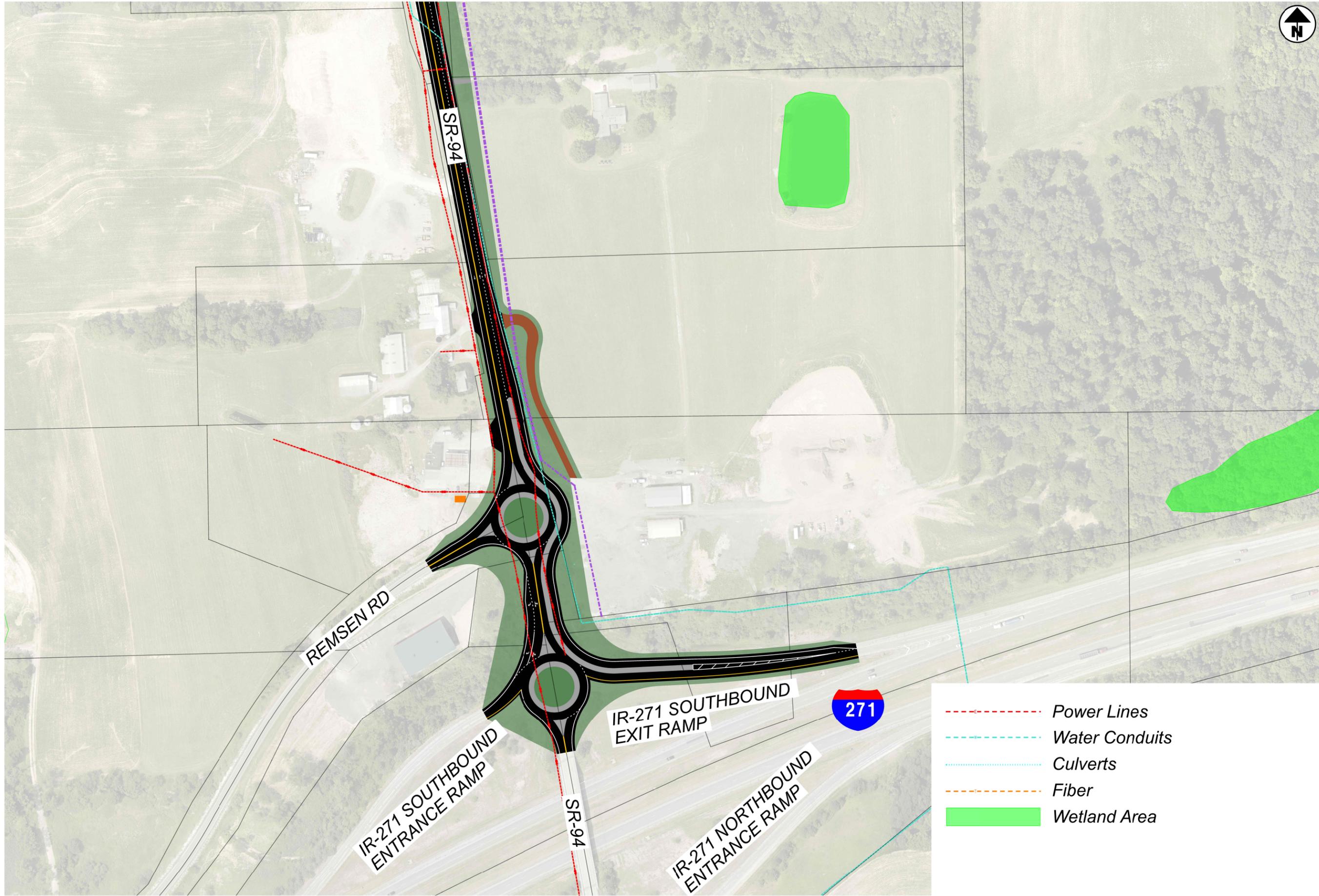
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REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



DESIGN AGENCY

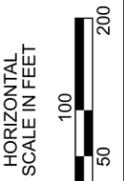
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REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
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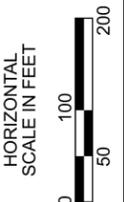
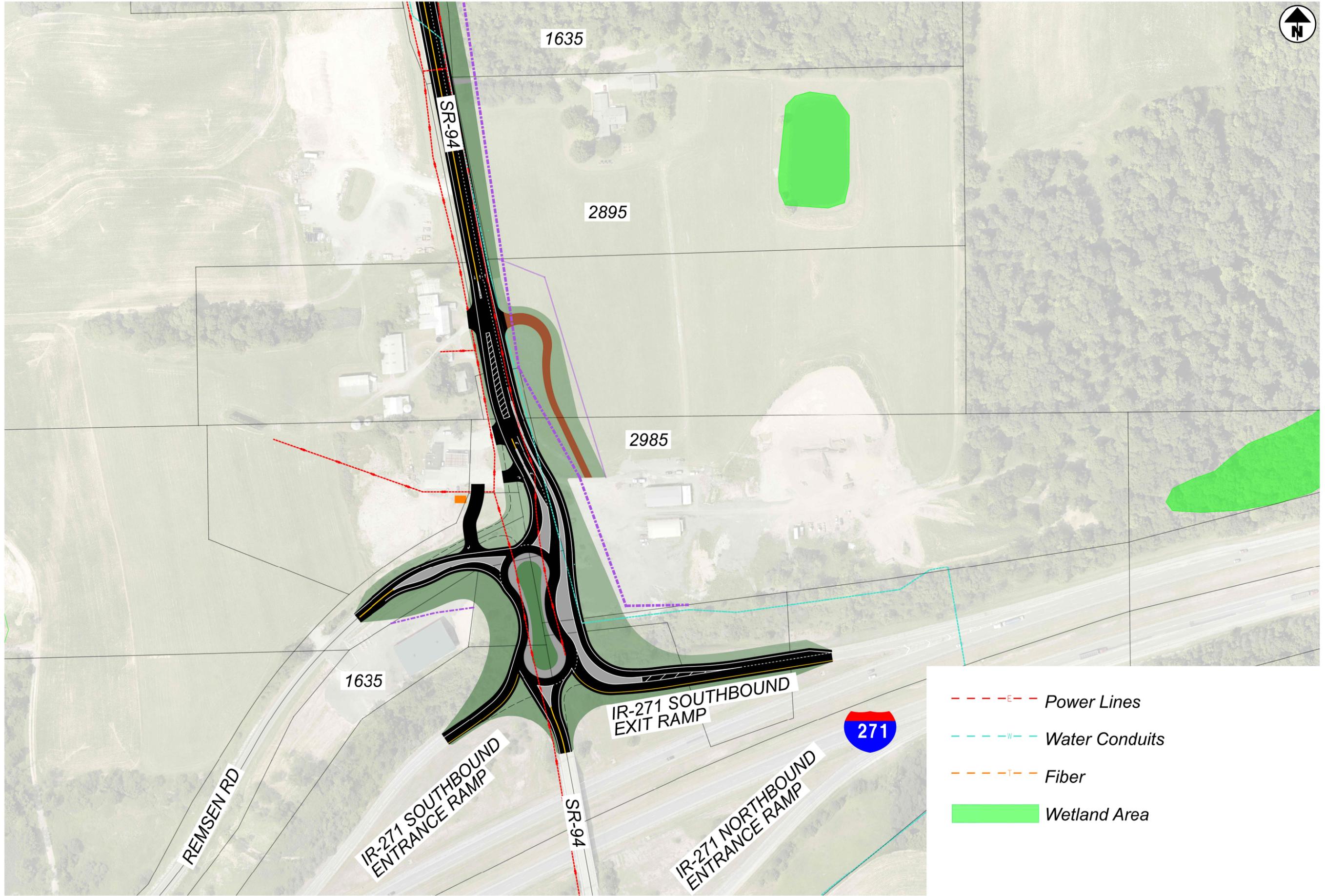
- Power Lines
- Water Conduits
- Fiber
- Wetland Area



DESIGN AGENCY	CAC
DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0

117028 MED-71/271 STUDY ALTERNATIVE B
INTERSTATE ROUTE 271 SOUTHBOUND & SR 94 AND SR 94 & REMSEN RD UTILITY OVERLAP EXHIBIT

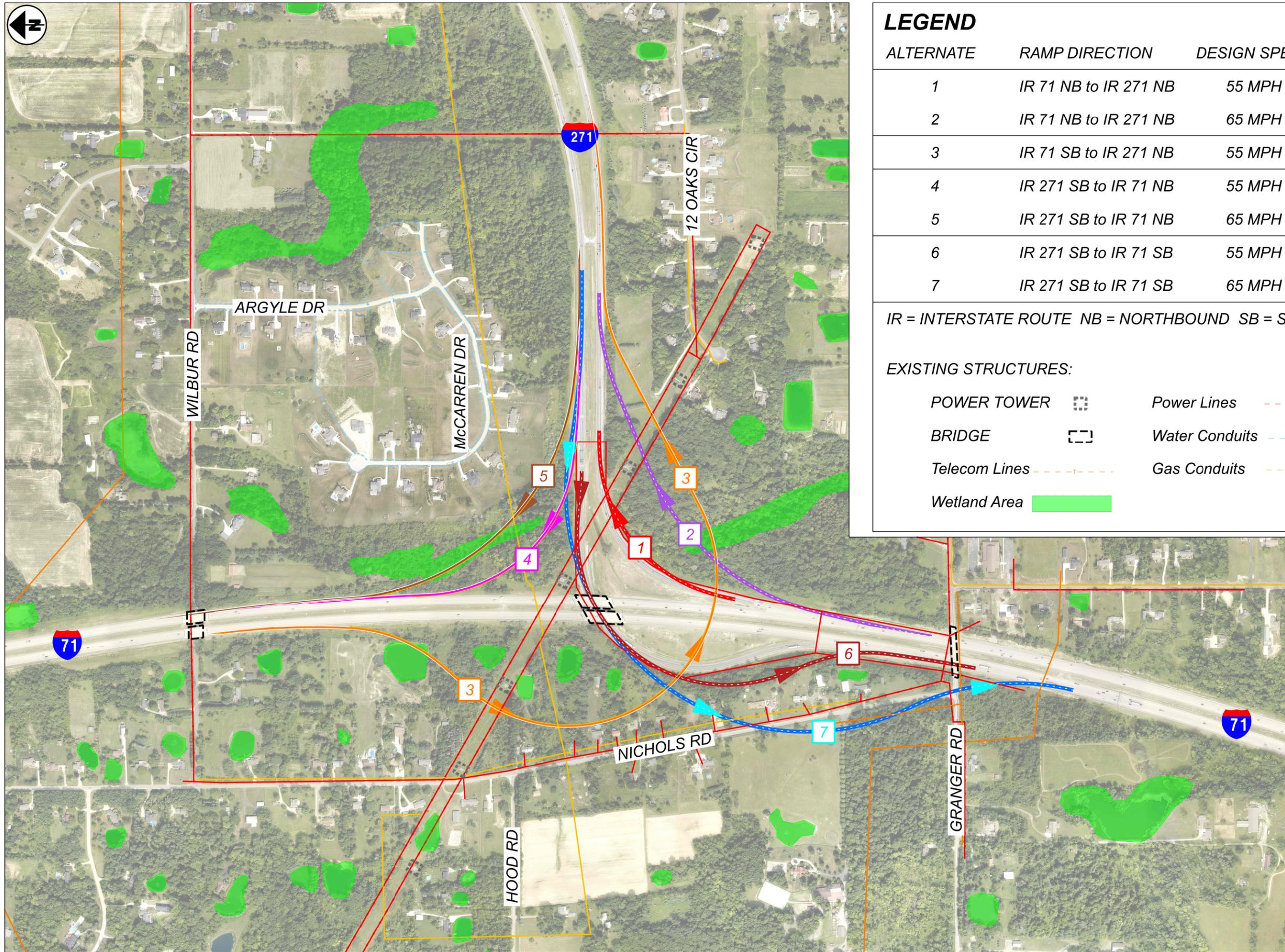




DESIGN AGENCY



DESIGNER	BPM
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0



LEGEND

ALTERNATE	RAMP DIRECTION	DESIGN SPEED	
1	IR 71 NB to IR 271 NB	55 MPH	—
2	IR 71 NB to IR 271 NB	65 MPH	—
3	IR 71 SB to IR 271 NB	55 MPH	—
4	IR 271 SB to IR 71 NB	55 MPH	—
5	IR 271 SB to IR 71 NB	65 MPH	—
6	IR 271 SB to IR 71 SB	55 MPH	—
7	IR 271 SB to IR 71 SB	65 MPH	—

IR = INTERSTATE ROUTE NB = NORTHBOUND SB = SOUTHBOUND

EXISTING STRUCTURES:

POWER TOWER		Power Lines	
BRIDGE		Water Conduits	
Telecom Lines		Gas Conduits	
Wetland Area			



DESIGN AGENCY



DESIGNER	CAC
REVIEWER	XXX MM-DD-YY
PROJECT ID	117028
SHEET	TOTAL
P.0	0

Utility Inventory and Contact List

Utility Log MED-71-271 Planning Study

Utilities – Ohio811

Electrical

FirstEnergy Service Company

TicketNotification@usicllc.com

76 South Main Street Akron, Ohio 44308

(800) 633-4766

[Website](#)

Potable and Sanitary Sewers

Medina County Sanitary Engineers

Corey Spitzer

cspitzer@ohmedinaco.org

Kyle Waun

kwaun@ohmedinaco.org

791 W Smith Rd, Medina, OH 44256

(330) 723-9585

[Basemap](#)

[Website](#)

Traffic Signals

ODOT

Kenneth.allen@dot.ohio.gov

906 Clark Avenue, OH 44805

(419) 207-7116

Gas Lines

Columbia Gas

Michelle Harvey

MHarvey@nisource.com

5363 Seville Rd, Seville, OH 44273

(330) 416-7329

[Website](#)

Storm Sewers

Medina County Engineer's Office

Wes Kent

Wkent@medinaco.org

791 West Smith Rd, Medina, OH 44256

(330) 723-9561

[Website](#)

Gas Pipelines

Aspire Energy

Cheryl Lemon

clemon@aspireenergyco.com

300 Tracy Bridge Rd, Orrville, OH 44667

(330) 682-7726

[Website](#)

Energex Power Inc.

Justin Weaver

Justin.weaver@energexpower.com

353 E Lincoln Highway, Coatesville, PA 19320

(724) 622-0093

[Website](#)

Sunoco Pipeline

encroachments@energytransfer.com

8111 Westchester Drive, Dallas, TX 75225

(713) 989-7080

[Website](#)

Oil Wells

G & O Resources LTD

(330) 761-3508

96 E Crosier St, Akron, OH 44311

G & O RESOURCES HAS NOT COMPLETED THE ENCROACHMENT REQUEST AS REQUESTED

Telecommunication Facilities

Verizon Business

investigations@verizon.com

1095 Avenue of the Americas, New York, NY 10036

(212) 395-1000

[Website](#)

MCG Utilities on Behalf of AT&T Transmission / Long Lines

Adam Schneider

Adam.schneider@mcgutilities.com

(440) 522-6920

Dan Gardner

Dan.gardner@mcgfiber.com

(440) 610-7457

1220 American Blvd., Ste 2, West Chester, PA 19380

(866) 624-4897

[Website](#)

Spectrum / Time Warner

(888) 406-7063

2733 W Market St, Fairlawn, OH 44333

SPECTRUM HAS NOT COMPLETED THE ENCROACHMENT REQUEST AS REQUESTED

Medina County Fiber Network

dcorrado@fibercounty.com

(330) 723-8028

144 N. Broadway, Suite 119 Medina, OH 44256

MCFN HAS NOT COMPLETED THE ENCROACHMENT REQUEST AS REQUESTED

MCI (Possibly MCI Worldcom)

(216) 265-9953

515 East Amite Street, Jackson, Mississippi 39201

PERMANENTLY CLOSED IF MCI WORLDCOM IS CORRECT

MCI HAS NOT COMPLETED THE ENCROACHMENT REQUEST AS REQUESTED

Armstrong Cable

(877) 277-5711

660 S Benbrook Rd, Butler, PA 16001

[Website](#)

ARMSTRONG CABLE HAS NOT COMPLETED THE ENCROACHMENT REQUEST AS REQUESTED

Odot Facilities

Surveying And Mapping, LLC (SAM)

Evan Kraus

Evan.Kraus@sam.biz

(614) 899-0079

929 Eastwind Drive, Suite 201, Westerville, Ohio, 43081

[Website](#)

Odot 3 Traffic

Michael Lemmon

Michael.Lemmon@dot.ohio.gov

Med I71/271 Utility Log

District 11 Utility Coordinator: John Schafrath, John.Schafrath@dot.ohio.gov,

- Submitted OUPS ticket A317303493-00A for SR 94, Between I-271 and SR 3 on 6/22/2023.
- Submitted OUPS ticket A317400845-00A for SR 3, Between SR 606 and SR 94 on 6/23/2023.
- Submitted OUPS ticket B317400438-00B for SR 3, Between SR606 and Granger Rd on 6/23/2023.
- Submitted OUPS ticket A317401047-00A for SR 94, Between I-271 and Granger Rd on 6/23/2023.
- Submitted OUPS ticket A317401110-00A for I-271, Between I-71 and SR 94 on 6/23/2023.
- Submitted OUPS ticket A317401160-00A for I-71, Between I-271 and SR 3 on 6/23/2023.
- Submitted OUPS ticket A317401282-00A for I-71, Between I-271 and SR 18 on 6/23/2023.
- Submitted OUPS ticket A319301325-00A for 3000 ft of roadway along Remsen Rd, North of I-271, starting at the Intersection with SR 94 on 7/12/2023.

FirstEnergy Service Company

- Responded to ticket A317303493-00A on 6/22/2023 with an arial map showing electrical lines, both arial and underground.
- Responded to tickets A317400845-00A, B317400438-00B, A317401047-00A, A317401110-00A, A317401160-00A, and A317401282-00A on 6/23/2023 with an arial map showing electrical lines, both arial and underground.
- Responded to ticket A319301325-00A on 7/12/2023 with an arial map showing electrical lines, both arial and underground.
- Electrical lines added to utility basemap in approximate locations.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - Ohio Edison Transmission
 - Bryan Hunsche, 76 South Main Street Akron, Ohio 44308, 330-384-5180, bhunsche@firstenergycorp.com
 - Ohio Edison Company
 - Chris Putzier, supervisor for Medina County, 6326 Lake Avenue Elyria, Ohio 44035, 440-829-9265, cputzier@firstenergycorp.com

Medina County Sanitary Engineers

- Responded to ticket A317303493-00A on 6/22/2023 with an arial map showing both sanitary and potable water lines.
- Responded to tickets A317400845-00A, B317400438-00B, A317401047-00A, A317401110-00A, A317401160-00A, and A317401282-00A on 6/23/2023 with an arial map showing both sanitary and potable water lines.

- Responded to ticket A319301325-00A on 7/12/2023 with an arial map showing both sanitary and potable water lines.
- Sanitary and potable water lines added to utility basemap in approximate locations.

Ohio Department of Transportation

- Responded to ticket A317303493-00A on 6/23/2023 with traffic signal plans.
- Responded to tickets A317401282-00A, A317401160-00A, B317400438-00B, A317400845-00A, and A317401110-00A with traffic signal and lighting plans.

Columbia Gas of OHIO

- Responded to ticket A317303493-00A on 6/23/2023 with an arial map showing natural gas lines in the area.
- Responded to tickets A317400845-00A, B317400438-00B, A317401047-00A, A317401110-00A, A317401160-00A, and A317401282-00A on 6/26/2023 with an arial map showing natural gas lines in the area.
- Responded to ticket A319301325-00A on 7/18/2023 with an aerial map showing natural gas lines in the area.
- Gas lines added to utility basemap in approximate locations.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - Tom Jadlos, 7080 Fry Road, Middleburg Heights, Ohio 44130, 440-891-2493, tjadlos@nisource.com

Aspire Energy

- Responded to ticket A317401047-00A, A317401282-00A, A317401160-00A, A317401110-00A on 6/28/2023 with arial map of the Aspire Energy natural gas pipeline.
- Gas pipeline added to utility basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - Anthony D'Egidio, 300 Tracy Bridge Rd, Orrville Oh, 44667, 330-682-1642, adegidio@chpk.com

Medina County Engineer's Office

- Emailed Richard Yosick, ryosick@medinaco.org, to inquire about the storm sewers in the area on 6/28/2023.
- Wes Kent, wkent@medinaco.org, responded on 7/7/2023 with shapefile of storm sewers. Shapefile was added to utility basemap in geographically accurate location.

- Emailed District Utility Coordinator on 7/31/2023 for utility contact.

Verizon Business (MCI)

- Responded to tickets B317400438-00B and A317401110-00A on 6/23/2023 with arial map of utilities in the area.
- Utilities added to utility basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - MCI Metro (subsidiary of Verizon) Jeff (Thomas) Kadusky, 1150 West 3rd St., Cleveland, Ohio 44256, 330-819-1444 thomas.kadusky@verizon.com

Sunoco

- Responded to tickets A317401160-00A, A317401110-00A, A317401047-00A, and B317400438-00B on 7/6/2023 with an Arial map showing the pipeline that travels through the area.
- Pipeline added to utility basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - Energy Transfer Partners (formerly Sun Pipeline, formerly Sunoco Pipeline L.P.)
 - Elliott Porter, Specialist Land & Right of Way, 525 Fritztown Road, Sinking Spring, Pennsylvania 19608, 610-670-3292 office, ELLIOTT.PORTER@energytransfer.com

Energex Power Inc.

- Responded to tickets B317400438-00B and A317401047-00A on 6/23/2023 with an Arial map showing the gas facilities in the area.
- Pipeline added to utility basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - Jim Stout, 525 W. Newcastle, Suite 4, Zelienople, PA 16063, 724-601-0798, Jim.stout@energexpower.com

MCG Utilities

- Responded to tickets B317400438-00B, A317401047-00A, A317401110-00A, A317401160-00A, and A317401282-00A on 7/3/2023 on behalf of AT&T Transmission / Long Lines with an arial map showing transmission facilities in the area.
- Transmission facilities added to utility basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.

- From their website:
 - **Phone:**
886-624-4897 (866-MCG-GUYS)
 - **Corporate Headquarters:**
1220 American Blvd., Ste. 2
West Chester, PA 19380

AT&T Transmission

- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - AT&T Corp - National Construction and Engineering (AT&T Transmission – long lines), William “Bill” Taggart, SR TECH PROJ MGMNT OH, MI, KY, WV, 8372 E. Broad St., Reynoldsburg, Ohio 43068, PHONE – 614-868-2511, EMAIL – wt2462@att.com
 - **AT&T, consultant for AT&T, (reviews plans for Bill Taggart for AT&T Transmission - Long lines)**, Metropolitan Communications Group (MCG), Chad Harkness, Engineering Director, 450 W. Wilson Bridge Road, Suite 180, Worthington, Ohio 43085, Email- Chad.Harkness@mcgfiber.com

Surveying and Mapping, LLC

- Responded to ticket A317401110-00A on 6/23/2023 with an arial map of ODOT facilities in the area.
- Responded to ticket A317401160-00A and A317401282-00A on 6/26/2023 with an arial map of ODOT facilities in the area.
- ODOT facilities added to basemap in approximate location.
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - **Rhett Sloan**, SUE Department Manager, SAM Companies, 12480 DeBartolo Drive, Unit F, North Jackson, OH 44451, Main: 330-794-4455, rhett.sloan@sam.biz

G&O Resources LTD

- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - **From the web:** 96 E Crosier St, Akron, OH 44311, [\(330\) 761-3508](tel:3307613508)

Spectrum / Time Warner

- Emailed District Utility Coordinator on 7/31/2023 for utility contact.

- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - **Charter Communications**, Mak Nichols, 1200 Brownstone Ave., Akron, Ohio 44310, 330-572-4104 office, Mak.Nichols@charter.com

Medina County Fiber Network

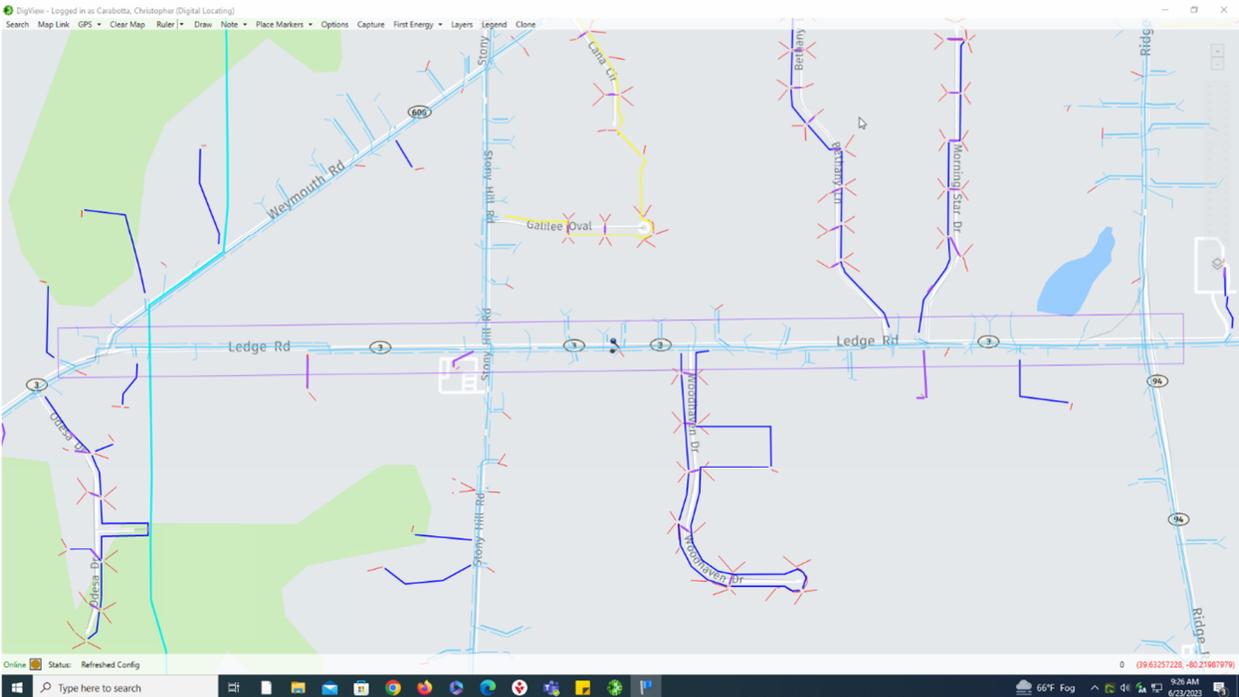
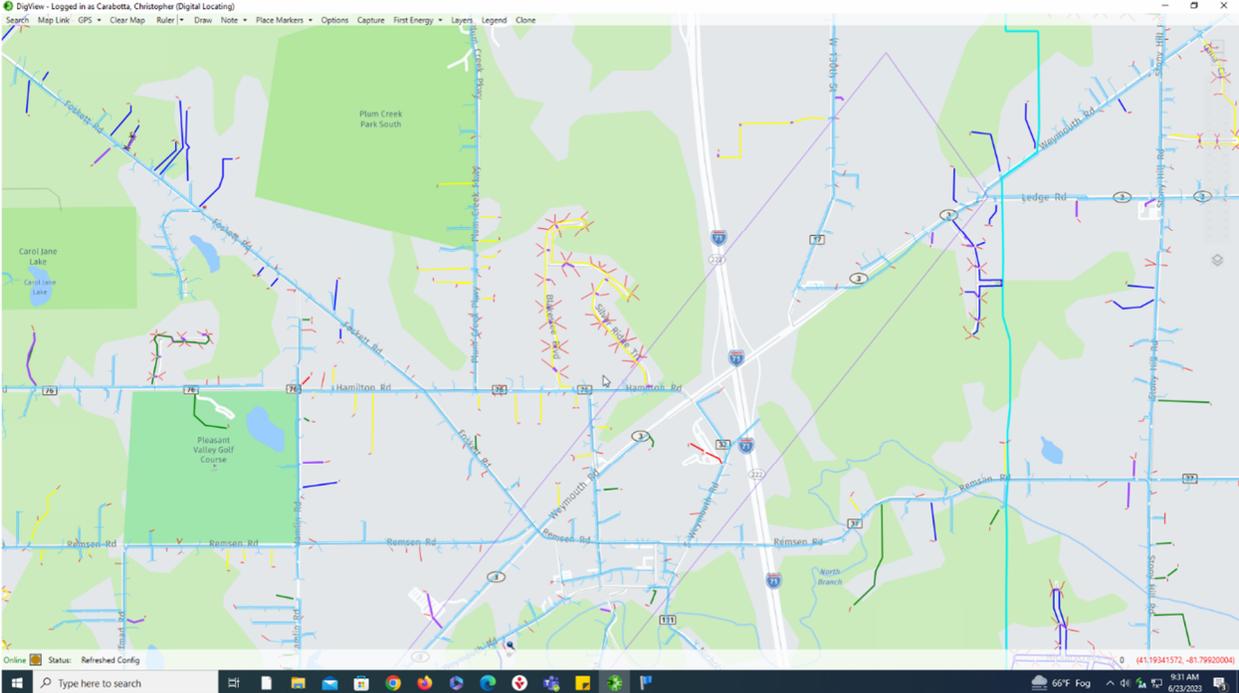
- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - David Corrado, 144 N. Broadway St. Suite 119, Medina, Ohio 44256, 216.832.7059, dcorrado@fibercounty.com

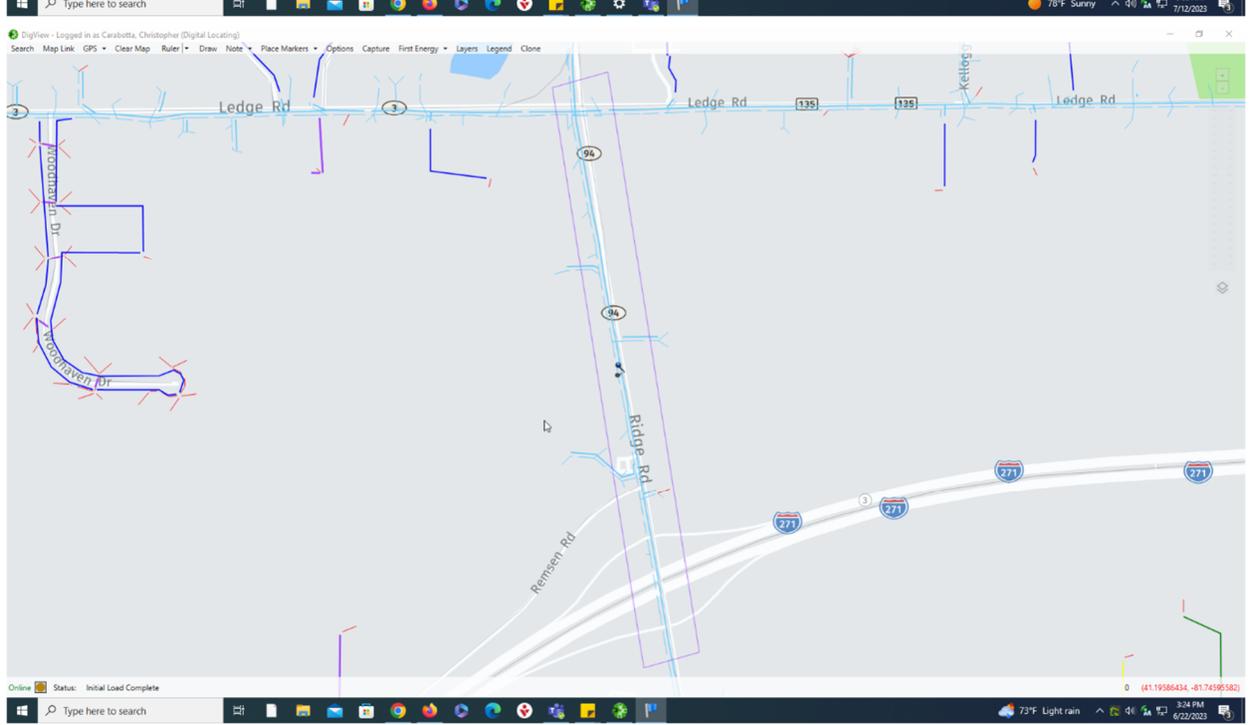
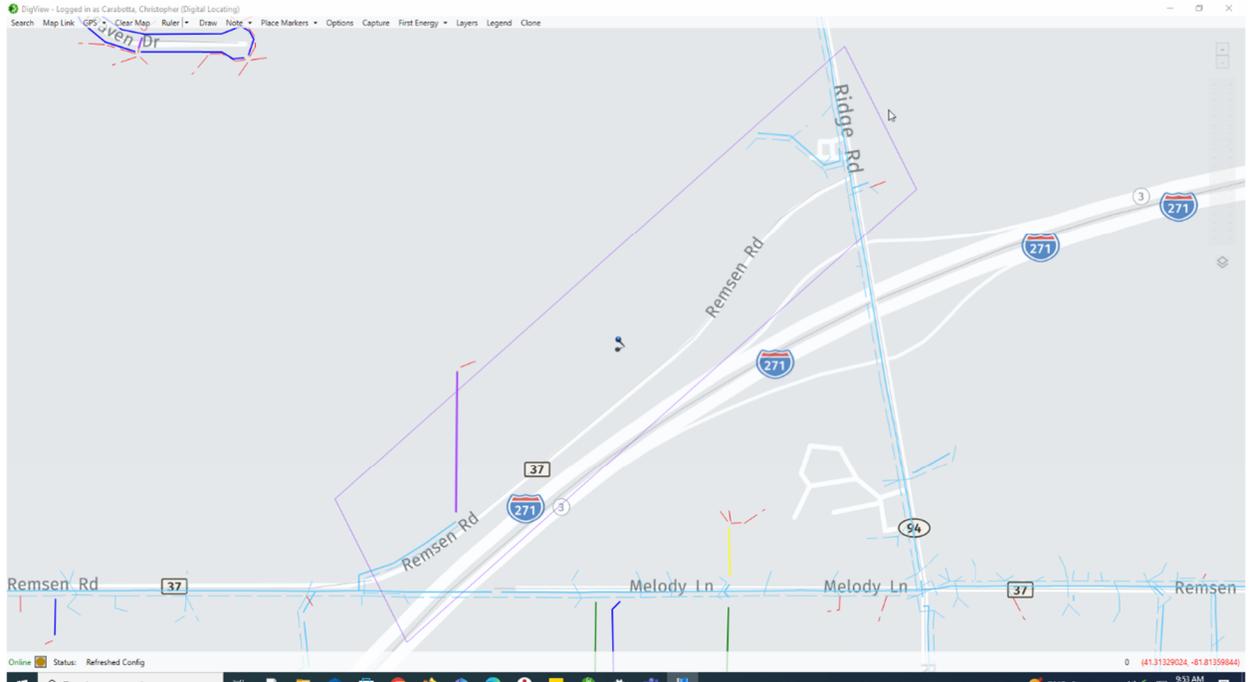
Armstrong Cable

- Emailed District Utility Coordinator on 7/31/2023 for utility contact.
- Utility Coordinator Responded on 8/1/2023 with utility contact.
 - **Armstrong Utilities**, Mark Loyer, 1141 Lafayette Rd., Medina, OH 44256, 330-802-5991 cell, mloyer@agoc.com

Utility Atlases

Electrical Lines





DigView - Logged in as Carabotta, Christopher (Digital Locating)

Search Map Link GPS Clear Map Ruler Draw Note Place Markers Options Capture First Energy Layers Legend Clone

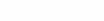
Online Status Refreshed Config

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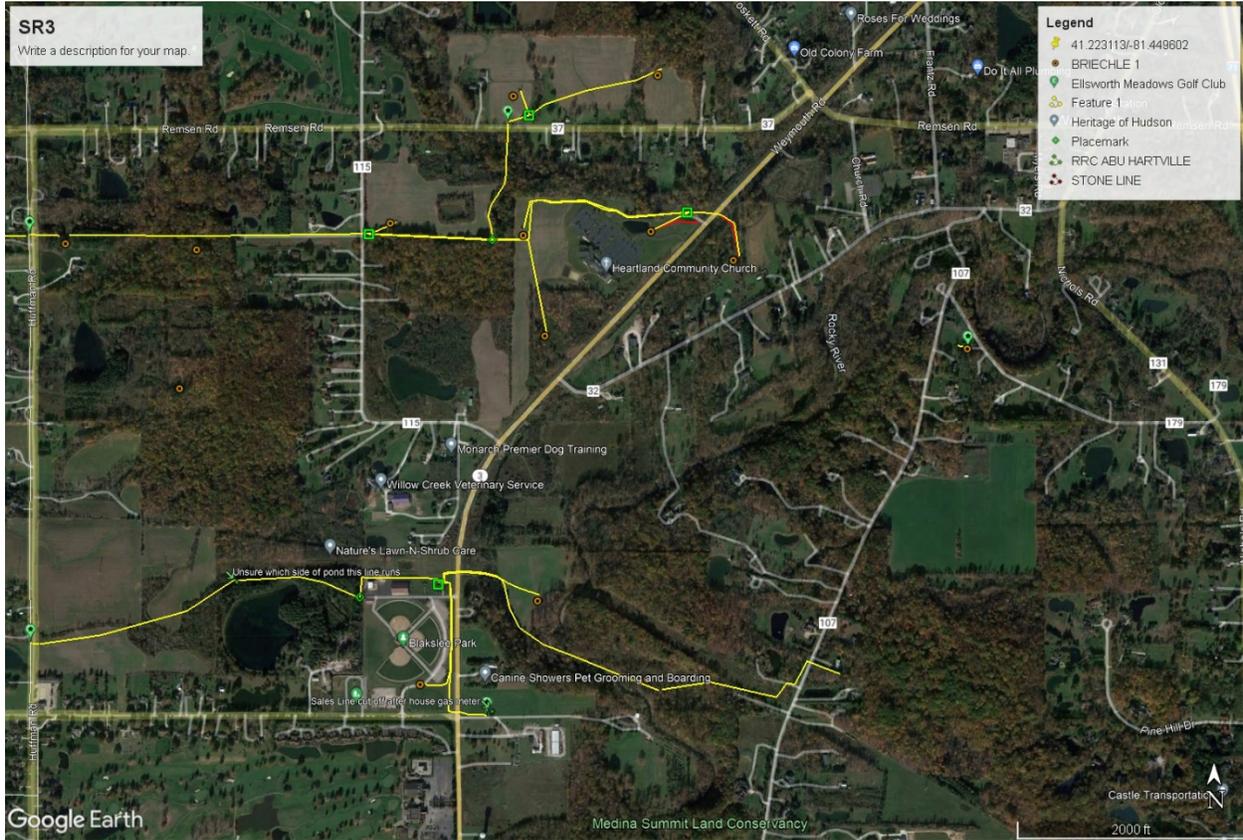
Type here to search

66°F Fog 9:42 AM 6/23/2023

First Energy

	Abandoned
	Annotations
	Conduit Main Buried
	Electric Aerial Primary
	Electric Aerial Secondary
	Electric Buried 2 Phase Primary
	Electric Buried 3 Phase Primary
	Electric Buried A Phase Primary
	Electric Buried B Phase Primary
	Electric Buried C Phase Primary
	Electric Buried Secondary
	Electric Buried Transmission
	Electric Fiber Cable Aerial
	Electric Fiber Cable Buried
	Electric Handhole
	Electric HP Buried
	Electric Junction Box
	Electric Light
	Electric Manhole
	Electric Pedestal
	Electric Pole
	Electric Surface Structure
	Electric Three Phase Transmission
	Electric Transformer

Gas Lines



Design Information Request



Attention: Columbia Gas Design Information

Columbia Gas of Ohio wants to thank you for your proactive efforts in damage prevention through your recent design one call request. Safety is a deeply rooted part in Columbia Gas' culture. As part of our continual effort to improve, we understand that your partnership in preventing utility damages is essential. Partner with us and *Dig with CARE Keep Ohio Safe!*

Enclosed is a copy of Columbia Gas map(s) indicating the approximate location of our mainline facilities within the scope of your design one call request. It is important to note that this map reflects only the approximate location of active mains and **must not** be used to commit Columbia Gas until locations are verified and field checked by the company. Columbia Gas requests the opportunity to partner with your company to eliminate or minimize any potential conflicts with your project. Additionally, we ask that a final set of plans with construction schedules be submitted to the appropriate engineering contact for the operation area in which your project coincides. If additional design information is needed, please utilize the contacts provided in this correspondence.

Lastly, we kindly ask that your company review the following information below referencing the Ohio Revised Code and industry best practices.

Ohio Revised Code

The Ohio Revised Code (Section 3781.28 – Excavator Notifying Protection Service or Pipeline Owner) requires that an Operator must.... “within forty-eight hours of receiving notice under section 3781.28 of the Revised Code,.....review the status of its facilities within the excavation site, locate and mark its underground utility facilities at the excavation site in such a manner as to indicate their course, and report the appropriate information to the protection service for its positive response system.” Once, the location of buried facilities have been located by the utility operator, it is the responsibility of the excavator to exercise reasonable care when working around identified facilities to include hand digging to fully exposing the facilities. It is general practice for Columbia Gas to install gas lines from 18 inches to 24 inches below the surface of the ground at the time of installation. This information gives no reasonable basis for establishing the current depth below grade of the facility along its course at any time after the line was installed. **DO NOT** rely on any indication of approximate depth of installation when planning or performing your project as several factors make this information an unreliable source. An example of a contributing factor can be changes in grade or terrain above the gas line after the date of installation. In some cases, a gas line's installation depth can also be non-uniform as a consequence of unevenness in the terrain or grade above it or because of underground obstructions that require vertical displacement.

Industry Best Practices

The Common Ground Alliance is a broad based coalition of utility companies, municipalities, excavators, locators and regulatory agencies that come together to promote and enhance damage prevention efforts. Please visit the Excavation Best Practices section of CGA's website located at <http://www.commongroundalliance.com>, for more information on safe excavation practices.



Columbia Gas
of Ohio
A NISource Company

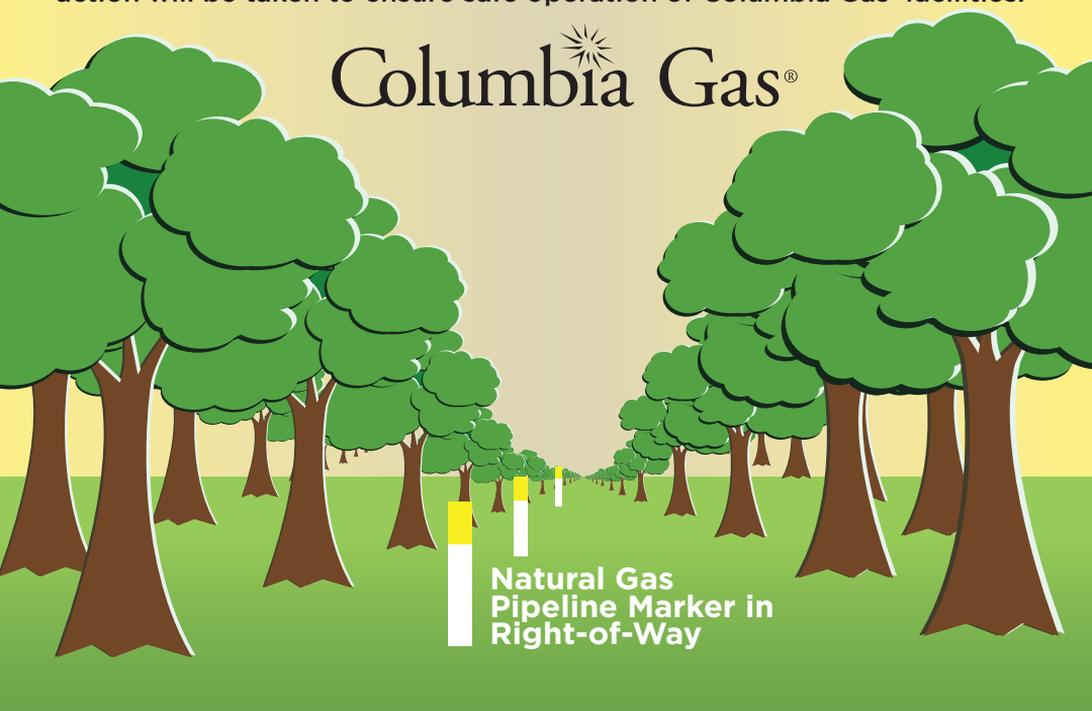
GUIDELINES FOR AVOIDANCE OF ENCROACHMENT ON COMPANY RIGHTS-OF-WAY

Encroachments within pipeline right-of-way limits include, but are not limited to:

- Structures (Pools, Decks, Sheds, Out-Buildings, Man-Made Bodies of Water)
- Dwellings
- Garages
- Operation of Equipment
- Grading Operations (Cut or Fill)
- Planting and/or Removal of Trees and Shrubs
- Septic Tanks, Lines or Leach Beds
- Restriction to Access of Company's Right-of-Way (Fences, Concrete, Manholes, Walls, Brush Piles, Physical Threats)
- Unapproved Utility Installments

Any planned encroachment or encroachment that is in the process of construction or placement upon Columbia Gas pipeline right-of-way will be investigated by Columbia Gas representatives. Appropriate action will be taken to ensure safe operation of Columbia Gas' facilities.

Columbia Gas[®]

An illustration of a pipeline right-of-way. A central path is lined with rows of stylized green trees with brown trunks. In the foreground, a white and yellow marker stands on the path. The background is a light yellow gradient.

Natural Gas
Pipeline Marker in
Right-of-Way

Cables, Pipelines and Other Facilities CROSSING COLUMBIA GAS PIPELINES

All utilities or third parties must notify Columbia Gas during planning and prior to construction. When crossing Columbia Gas facilities, the following factors are to be taken into consideration:

- Other utilities and fiberoptic lines must cross Columbia Gas pipelines at/or as near practical to 90 degrees.
- The utility or fiber optic line must maintain a minimum clearance as required by the Company.
- Electric and fiber optic lines must cross below Columbia Gas pipelines and be encased for the complete width of the Columbia Gas right-of-way.
- All utilities crossing Columbia Gas facilities must be installed with warning tape, marker posts or both.
- Should contact be made with a natural gas pipeline resulting in a release of product, turn off any motorized equipment and have all persons moved to a safe location.
- From a safe location immediately contact **911 and Columbia Gas**.

Columbia Gas of Ohio

Customer Service: 1-800-344-4077

Natural Gas Leaks/Emergencies:

911 and 1-800-344-4077

columbiagasohio.com

Ohio Utilities Protection Services

OUPS.org

1-800-362-2764 or 811

Columbia Gas of Virginia

Customer Service: 1-800-543-8911

Natural Gas Leaks/Emergencies:

911 and 1-800-544-5606

columbiagasva.com

Miss Utility of Virginia

va811.com

1-800-552-7001 or 811

Columbia Gas of Kentucky

Customer Service: 1-800-432-9345

Natural Gas Leaks/Emergencies:

911 and 1-800-434-9515

columbiagasky.com

Kentucky 811

kentucky811.org

1-800-752-6007 or 811

Columbia Gas of Pennsylvania

Customer Service: 1-888-460-4332

Natural Gas Leaks/Emergencies:

911 and 1-888-460-4332

columbiagaspa.com

Pennsylvania One Call

pa1call.org

1-800-242-1776 or 811

Columbia Gas of Maryland

Customer Service: 1-800-460-4332

Natural Gas Leaks/Emergencies:

911 and 1-800-460-4332

columbiagasmd.com

Miss Utility of Maryland

missutility.net/maryland

1-800-257-7777 or 811

Legend - Gas:

Gas Customer Connection

Placement Source:

-  GPS
-  Manual
-  Automated
-  Unknown

-  Gas Customer Tap
-  Abandoned Customer Tap

Pipeline Marker

-  Aerial
-  Marker Ball
-  MarkerBall, on Active
-  Marker Ball, on Abandoned
-  Other
-  Post
-  Tracer Wire Station
-  Building Point
-  <all other values>

Station

-  Regulator
-  Meter
-  Meter with Reg
-  Single Customer Regulator
-  Stand Alone Odorizer
-  Well
-  <all other values>

Misc. Point Land Features

-  Cable/Television Manhole
-  Cable/Television Pedestal
-  Catch Basin
-  Drain Manhole
-  Electric Manhole
-  Electric Pedestal
-  Gas Light
-  Generic Point Land Feature
-  Guard Rail
-  Hydrant
-  Iron Pipe
-  Light Pole
-  Pole
-  Process Pull Manhole
-  Property Marker
-  Sewer Manhole
-  Telephone Manhole
-  Telephone Pedestal
-  Unknown Manhole
-  Water Box
-  Water Gate
-  Witness Post
-  <all other values>

Encroachment Point

-  COMPLETE
-  <all other values>

Controllable Fitting

-  Bottom Out; High Volume Tee; Service Tee; Side Out; Spherical Tee; Three Way Tee; Unknown
-  ShortStopp; ShortStopp Full Encirclement; ShortStopp Tee Full Encirclement; Stopper; Stopple
-  <all other values>

Non-Controllable Fitting

-  Bell Joint; Blow-Down; Clamped Bell Joint; Ell; Encapsulated Bell Joint; Mechanical Sleeve; Pumpkin; Saddle; Tee; Unknown; Weld Insulator
-  Blow-Off; Relief
-  CheckValve
-  Coupling
-  Cross
-  End Cap
-  Expansion Joint
-  Flange
-  PIF
-  Reducer
-  Transition
-  Drip
-  Pipe Change
-  Anode Bed
-  Bond Junction
-  Rectifier
-  <all other values>

Non-Utility Owned Land Rights Point

-  NiSourceAcquired
-  NiSourceGranted
-  Miscellaneous Linear Land Features
-  <all other values>

-  Abandoned Gas Valve
-  Abandoned Controlled Fitting
-  Abandoned Non-Controlled Fitting
-  Abandoned Drip
-  Abandoned Station
-  Abandoned Leak Report
-  Abandoned Test Point
-  Abandoned Pipe Change
-  Abandoned CP Anode Bed

-  Abandoned Riser
-  Abandoned Gas Main Location
-  Abandoned Gas Pipe Casing
-  Abandoned Gas Pipe
-  GPS
-  Manual
-  Automated
-  <all other values>

Transmission Main by Pressure

-  Foreign
-  DOT Transmission
-  Pseudo-Transmission

Distribution Main by Pressure

-  High Pressure
-  Medium Pressure
-  Low Pressure
-  Unknown Pressure

-  Gas Pipe Casing
-  CP Wire



Created by: J.Lawrence (FRE) Last updated 3/16/2022

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A317303493

GAS LINES

Prepared for:

JACKSON STIPE

ADR INNOVATION

Date: 6/23/2023

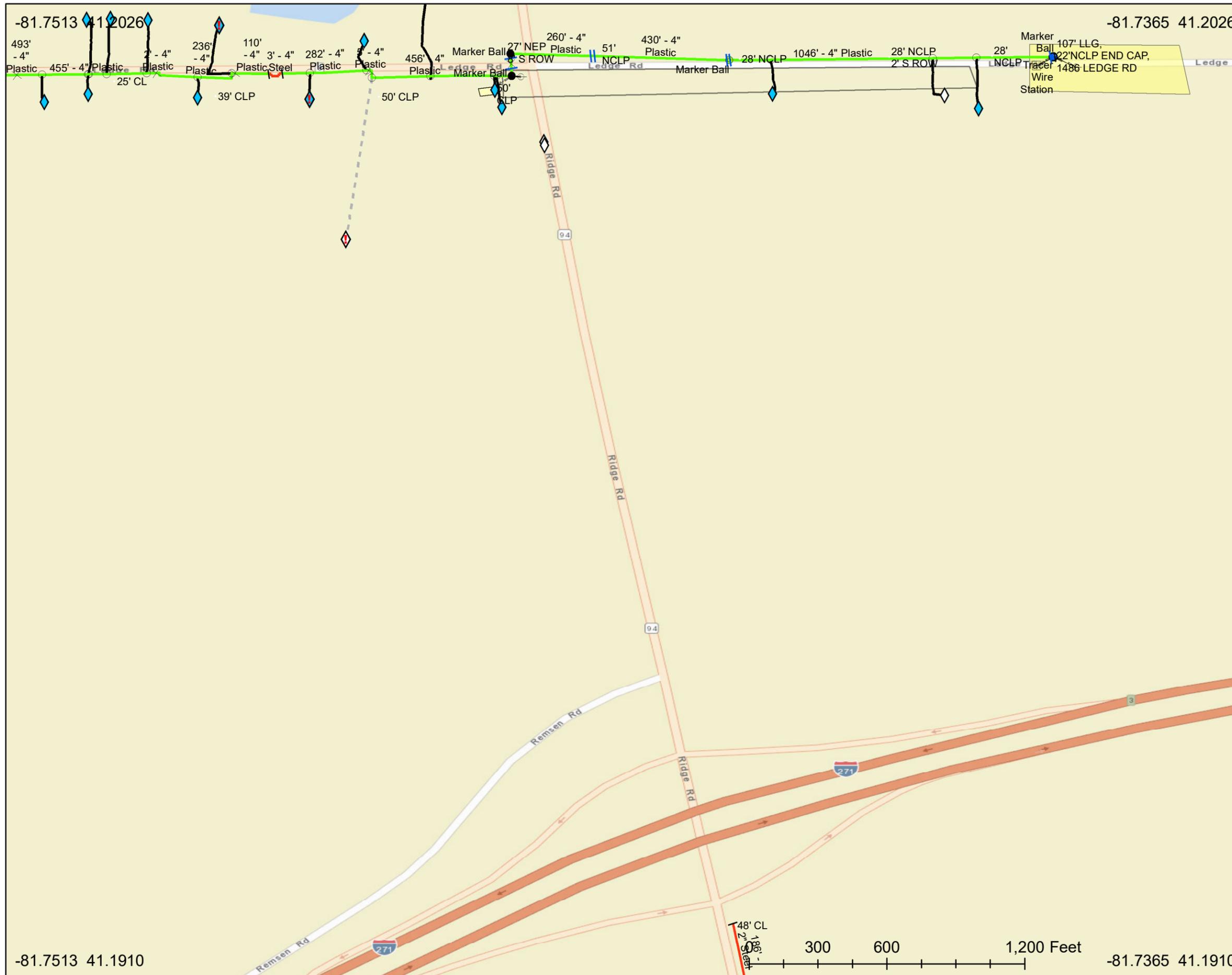
Property of Columbia Gas, 2023

1:4,977 1 inch = 415 feet

Coordinate System: GCS WGS 1984

Datum: WGS 1984

Units: Degree

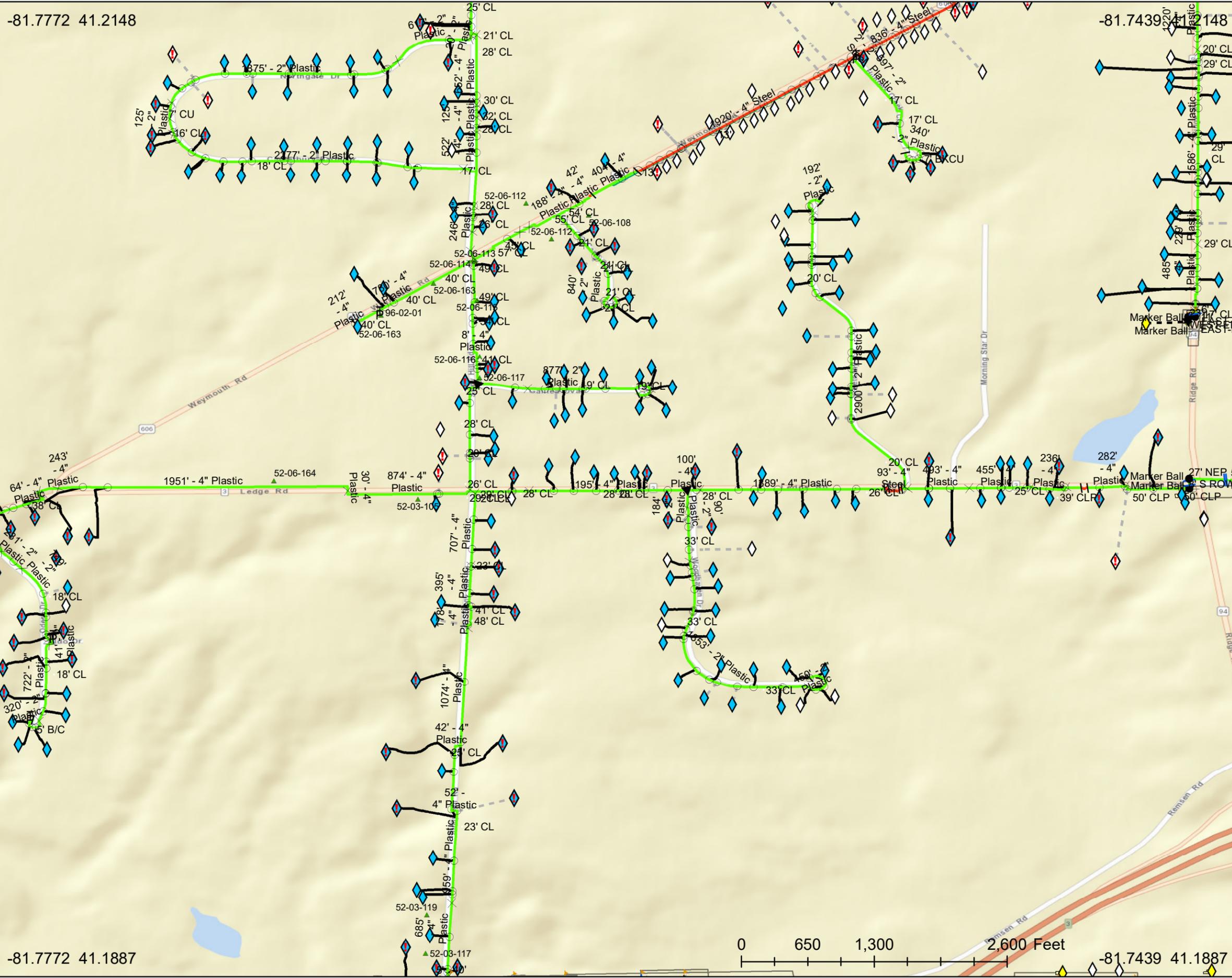


Legend	
Gas Main by Material	Gas Customer Connection
Steel	GPS
Plastic	Manual
Cast Iron	Automated
Wrought Iron	Gas Customer Tap
Fittings	
Other	
<all other values>	
Gas Service	Station
GPS	Meter with Regulator
Manual	Meter
Automated	Regulator
<all other values>	Single Customer Regulator
Test Station	Stand Alone Odorizer
Anode Bed	T_Pipeline Supplier
	T_Well
	<all other values>
Capital Work Area	Controllable Fitting
EXECUTED	Controllable Tee
IN PROG	Controllable Stopper
COMPLETED	<all other values>
OTHERS	Non-Controllable Fitting
	Blow-Off, Relief
	Flange
	Check Valve
	PIF
	Coupling
	Reducer
	Cross
	Transition
	End Cap
	Joints
	Expansion Joint
	<all other values>

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Note: If there is no Gas data within the requested area extents, a basemap will display with no features.



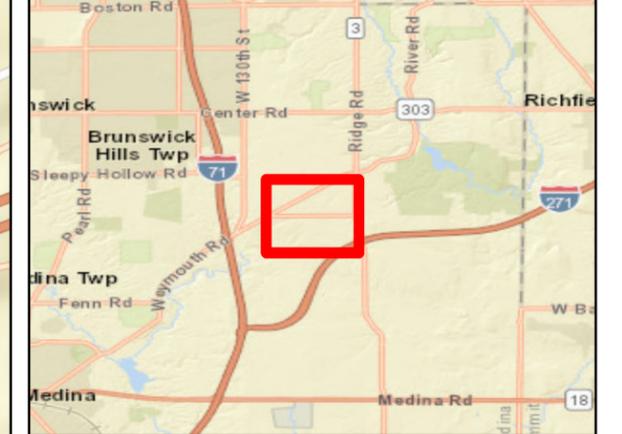
A317400845

GAS LINES
 Prepared for:
JACKSON STIPE
ADR INNOVATION
 Date: 6/26/2023

Property of Columbia Gas, 2023
 1:11,188 1 inch = 932 feet
 Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree

Legend	
Gas Main by Material	Gas Customer Connection
Steel	GPS
Plastic	Manual
Cast Iron	Automated
Wrought Iron	Gas Customer Tap
Fittings	Station
Other	Meter with Regulator
Pop Pipe	Meter
Gas Pipe Casing	Regulator
Gas Service	Single Customer Regulator
GPS	Stand Alone Odorizer
Manual	T_Pipeline Supplier
Automated	T_Well
Test Station	Rectifier
Anode Bed	Controllable Fitting
Building Polygon	Controllable Tee
Misc. Linear Land Features	Controllable Stopper
Capital Work Area	Expansion Joint
EXECUTED	Blow-Off, Relief
IN PROG	Check Valve
OTHERS	Coupling
	Cross
	End Cap
	Flange
	PIF
	Reducer
	Transition
	Joists
	<all other values>

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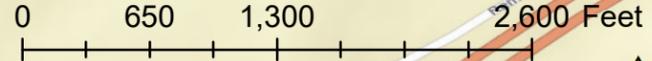
Note: If there is no Gas data within the requested area extents, a basemap will display with no features.

-81.7772 41.2148

-81.7439 41.2148

-81.7772 41.1887

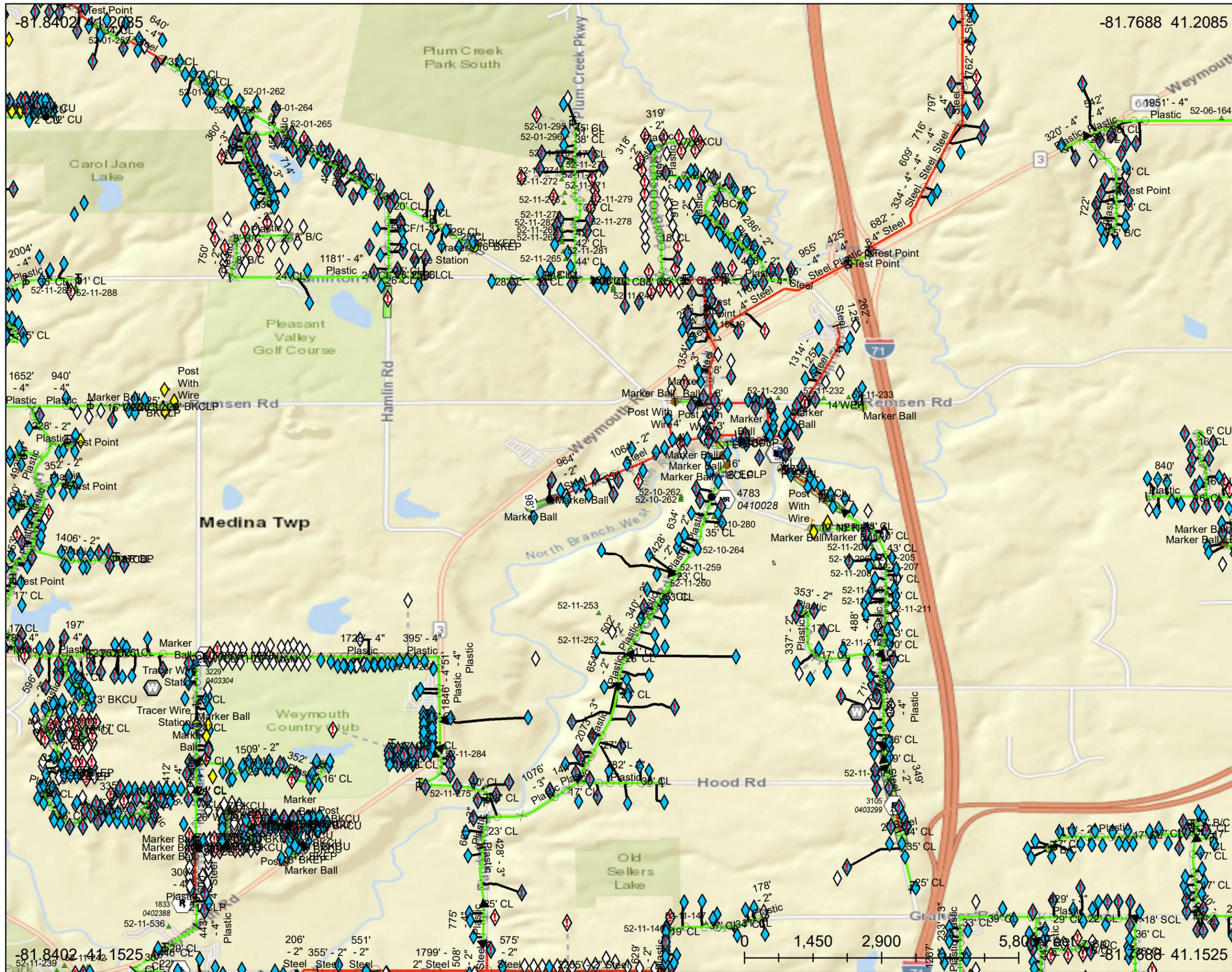
-81.7439 41.1887



B317400438

GAS LINES
 Prepared for:
JACKSON STIPE
ADR INNOVATION
 Date: 6/26/2023

Property of Columbia Gas, 2023
 1:24,057 1 inch = 2,005 feet
 Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree



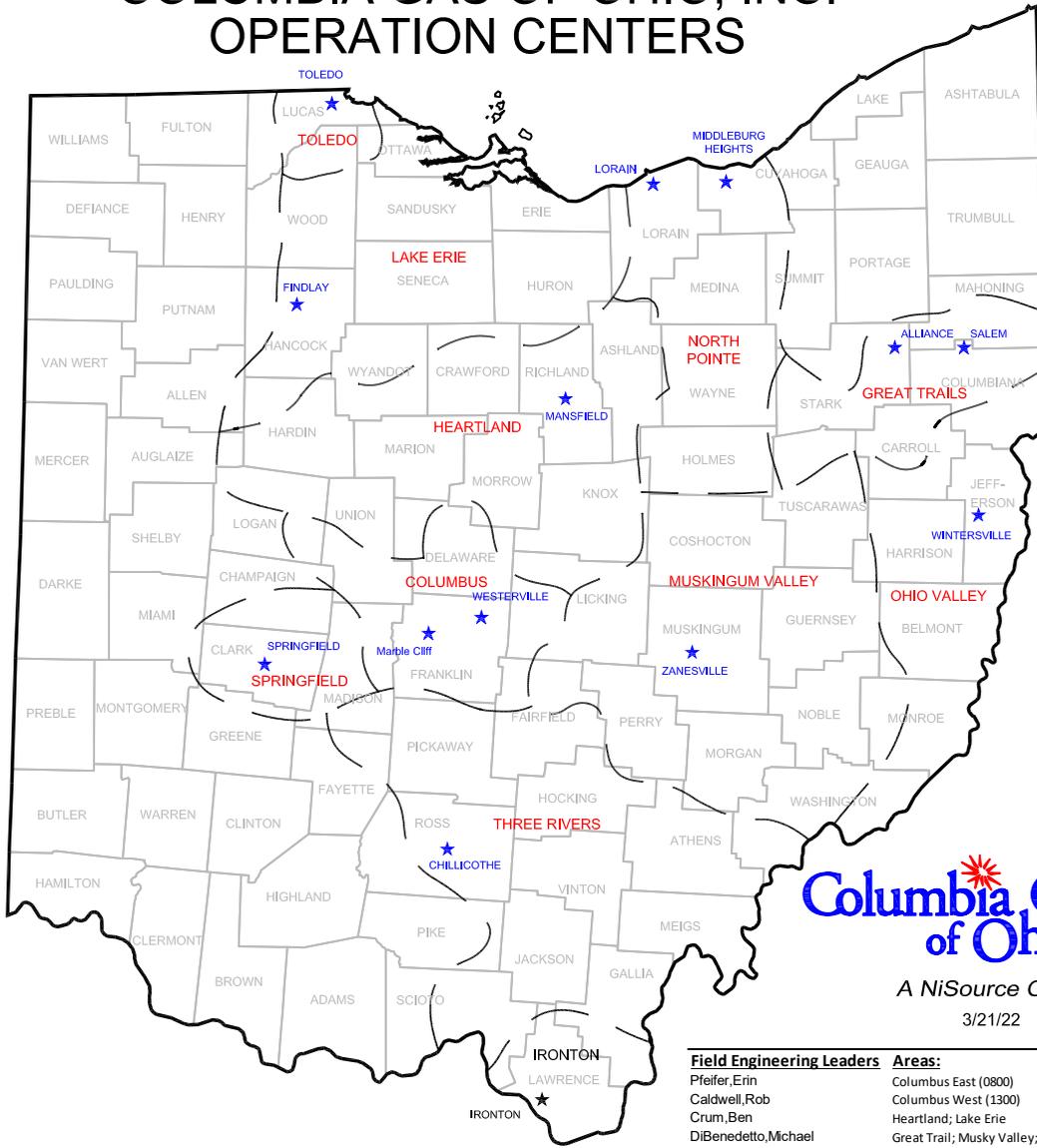
Legend	
Gas Main by Material	Gas Customer Connection
Steel	GPS
Plastic	Manual
Cast Iron	Automated
Wrought Iron	Gas Customer Tap
Fittings	
Other	
<all other values>	
Pop Pipe	
Gas Pipe Casing	
Gas Service	Station
GPS	Meter with Regulator
Manual	Meter
Automated	Regulator
<all other values>	Single Customer Regulator
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Misc. Linear Land Features	<all other values>
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	Controllable Tee
	Controllable Stopper
	<all other values>
	Non-Controllable Fitting
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	Check Valve
	PIF
	Coupling
	Reducer
	Cross
	Transition
	End Cap
	Joints
	Expansion Joint
	<all other values>

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Note: If there is no Gas data within the requested area extents, a basemap will display with no features.

COLUMBIA GAS OF OHIO, INC. OPERATION CENTERS



**Columbia Gas[®]
of Ohio**
A NiSource Company
3/21/22

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Caldwell, Rob	Columbus West (1300)
Crum, Ben	Heartland; Lake Erie
DiBenedetto, Michael	Great Trail; Musky Valley; Ohio Valley
Stechschulte, Daniel	Toledo
Blair, Chris	North Pointe
Woodyard, Tiffany R	Ironton; Springfield; Three Rivers

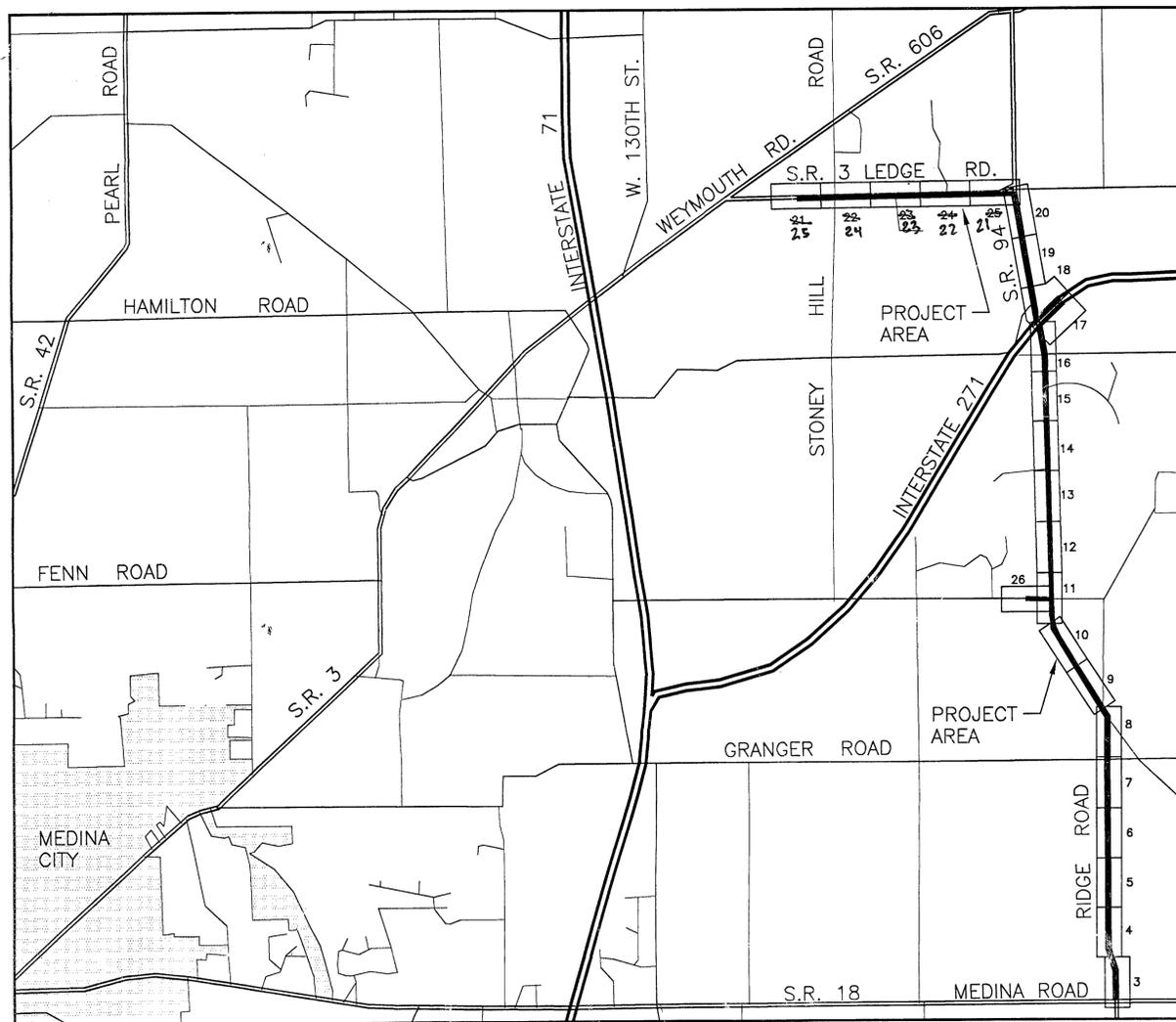
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Water Mains

WATER SYSTEM IMPROVEMENT

for

S.R. 94 S.H. 553 RIDGE ROAD, S.R. 3 S.H. 32 LEDGE ROAD & C.H. 66 WILBUR ROAD MEDINA COUNTY, OHIO



SCALE 2" = 1 MILE

JAMES A. MORRISON, P.E. REG. No. 26480 DATE



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4.....	PLAN AND PROFILE: STA. 14+00 TO 29+00 RIDGE ROAD
5.....	PLAN AND PROFILE: STA. 29+00 TO 44+00 RIDGE ROAD
6.....	PLAN AND PROFILE: STA. 44+00 TO 59+00 RIDGE ROAD
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27.....	HYDRANT AND VALVE LOCATION MAP
28.....	TRAFFIC CONTROL PLAN
29.....	STANDARD DETAIL SHEET—MCSE WATER MAIN STANDARDS
30.....	EROSION CONTROL AND SEDIMENTATION CONTROL

HYDRANT CODES ASSIGNED 20 OCTOBER 2000 *g*

PROJECT NUMBER: 500/00-7.1.19.2		— PLAN PREPARED BY —	
COUNTY: MEDINA	TOWNSHIP: MEDINA, GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: AUGUST 2001	 S.R. 94 RIDGE RD., S.R. 3 LEDGE RD. & C.H. 66 WILBUR RD. WATER MAIN 2001 WATER DISTRICT 500
DATE	DESCRIPTION	BY	
			SHEET 1 OF 30

WATER GENERAL NOTES

- Water mains are to be installed in accordance with the construction and material specifications of the Medina County Sanitary Engineers as detailed in regulations. All bends, tee crosses, valves, hydrants, and special size or direction shall be thrust blocked.
- All PVC or Ductile Iron water main trenches under and/or within five (5) feet of existing or future pavements is to be backfilled with #411 crushed limestone for State Highways & #304 crushed limestone for County Highways, or meet the requirements of the authority having highway maintenance responsibility. Trench conditions for type "K" copper waterline (3/4" service connection) shall be backfilled with #310 bank run gravel for one foot, then #304 crushed limestone to the pavement base for County Highways, or meet the requirements of the authority having highway maintenance responsibility.
- Minimum depth of cover shall be five feet (5') unless otherwise noted.
- A six inch (6") hydrant assembly shall include the tee, valve, pipe, a standard six inch (6") hydrant, thrust blocking and necessary offset to set hydrant to proper grade. Hydrants shall be Mueller Centurion Model A-423, A.V.K. Model 2780, or Kennedy K-81D; 5/4" valve opening; minimum 200 P.S.I. operating pressure.
- In the testing of a new water main installation, where it is connected to an existing water main for the test, failure of the test or any damage to the existing facilities shall be the sole responsibility of the contractor.
- The contractor shall assume full responsibility for making all necessary arrangements with all utility companies.
- The contractor shall provide a 6 foot by six foot (6' x 6') I.D. plywood or boxed sheathed chlorination pit at various locations as specified by the Medina County Sanitary Engineers. The MCSE will perform chlorination and final flushing following completion of pressure and leakage tests by the contractor.
- The sewer and water contractor shall make arrangements with the MCSE department for the installation of all water connections. Prior to paving, the MCSE department shall make the water taps and install all the connections to twelve feet (12') beyond the property line with a curb stop and box. All excavation and backfill will be performed by the owner.
- All water service connections shall be maintained at a minimum of four feet (4') of cover. At the end of each curb box a 4' x 4' x 8' long treated timber shall be buried 4' deep (leaving 4' Exposed). **NOTE: The subplot number or city lot number (whichever is applicable) must be permanently displayed on the front of each 4x4 before final inspection of the project.
- Minimum horizontal separation between water mains and storm or sanitary sewers is ten feet (10'). When this condition cannot be met, the bottom of the water main must be at least eighteen inches (18") above the top of the sewer, or the sewer must have joints equivalent to water main standards and must be pressure tested.
- A final inspection by the MCSE of all water mains is required. Inspection requirements for acceptance of the water lines are:
 - A hydrostatic pressure and leakage test per MCSE standard specs.
 - A disinfection (chlorination) test per MCSE standard specs.
- Costs for all tests relative to testing and inspection shall be borne by the developer (owner).
- All fittings to be mechanical joint. Resilient wedge gate valves must be Mueller series A-2360-20, A.V.K. Series 25, or Kennedy Kenseal II; minimum 250 P.S.I. operating pressure.
- Prior to tying into the individual water service connections, the developer shall pay the current permit and meter fees.
- Pipe Specifications:

WATER MAIN MATERIAL	A.W.W.A. SPECIFICATION	SIZES	CLASS
Ductile Iron Cement Lined	A.W.W.A. C-151-76	4" thru 12"	52
Ductile Iron Cement Lined Pressure Class	A.W.W.A. C-151	14" thru 64"	350
(Use a MCSE approved restrainer gland with all fittings)			
PVC Pressure Pipe	A.W.W.A. C-900-75	4" - Up	150
(When using PVC C-900 w/ Ductile Iron valves or fittings UNI-FLANGE 1300 restrainer glands or approved equal must be used) NOTE: See MCSE Rules and Regulations for detailed specifications.			
- Polyethylene Encasement: All mechanical joints, all retained mechanical joints, all valves and all pipe and fittings where shown on the drawing, or where required, shall be polyethylene encased. Polyethylene Encasement for mechanical joints, retained mechanical joints, or any joint requiring bolts, shall be generally in accordance with American National Standard ANSI/A.W.W.A. C105/A21.5-82 for Polyethylene Encasement for Ductile-Iron Piping for Water and Other Liquids. Mechanical joints, retained mechanical joints and all bolted joints shall have double Polyethylene Encasement of class "C" (black) film, method "C" doubling sheet and providing one foot (1') minimum overlap on pipe or fitting on both sides of joint. All pipe and fittings where shown on the drawings or where otherwise required to be polyethylene encased shall be encased in using class "C" film, method "B". Polyethylene Encasement shall be securely taped snug around pipe and fittings.
- Painting and Stainless Steel Bolts: After erection and before polyethylene encasement, all exposed or damaged coating shall be cleaned and painted with three (3) field coats of Inertol 50 or Bitumastic 50 or equivalent. All bolts exposed to the ground shall be 316 stainless steel, including valve and packing nuts/bolts, mechanical "T" bolts, and bolts used on Mega-lug anchors. Field painting of stainless steel items will not be required.
- Standard plastic tracer tape is to be buried approximately 4'-0" directly above water line to facilitate its location at a later date.
- The installation of Polyvinyl Chloride (PVC) pressure pipe and fittings for water mains shall follow ANSI/A.W.W.A. C 605.
- The disinfection of water mains shall follow ANSI/A.W.W.A. C 651.
- The installation of Ductile Iron (D.I.) pressure pipe and fittings for water mains shall follow ANSI/A.W.W.A. C 600.
- All valves and hydrants must be from the same manufacturer (i.e. Mueller valves and Mueller hydrants, not Kennedy valves and Mueller hydrants).

GENERAL NOTES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND DRAWINGS FROM VARIOUS SOURCES. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. ALSO, THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. THE BOARD OF COUNTY COMMISSIONERS OF MEDINA COUNTY AND THE MEDINA COUNTY SANITARY ENGINEERING DEPARTMENT EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF INFORMATION GIVEN REGARDING EXISTING UNDERGROUND UTILITIES.
- THE OWNER OFFERS THE EXISTING UNDERGROUND INFORMATION AS SHOWN ON THE PROFILE SHEETS AS A GUIDE ONLY, BUT DOES NOT GUARANTEE OR ASSUME ANY LIABILITY IMPLIED OR OTHERWISE FOR THE ACCURACY OF INFORMATION GIVEN HEREON. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN FOR HIMSELF THE CONDITIONS THAT HE MAY ENCOUNTER DURING COMPLETION OF THE PROJECT.
- ALL SURVEY CENTERLINES LOCATIONS FOR GROUND CONTROL WILL BE ESTABLISHED BY THE ENGINEER. DURING CONSTRUCTION OF THE WATERLINES, THE SURVEY CENTERLINES, OFFSET LOCATIONS, HUBS, STAKES, FLAGS, MARKERS, PINS, AND/OR REFERENCE POINTS MUST BE PROTECTED BY THE CONTRACTOR. IF IT IS NECESSARY TO RESET ANY HUBS, STAKES, FLAGS, MARKERS, PINS AND/OR REFERENCE POINTS WHICH HAVE BEEN DISTURBED, THE CONTRACTOR SHALL PAY THE ENGINEER ALL SUCH COSTS OF RESTAKING AT PREVAILING WAGE RATES.
- ALL EXISTING PROPERTY PINS, RODS, MONUMENTS, MONUMENT BOXES AND/OR BENCHMARKS IN THE CONSTRUCTION AREA MUST BE PROTECTED AT ALL TIMES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RE-ESTABLISH THOSE ITEMS DISTURBED BY HIS WORK, BY USING HIS OWN ENGINEERING FORCES, AND/OR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO PLACEMENT OF HIS BID FOR THIS PROJECT.
- BLASTING WILL NOT BE PERMITTED UNLESS APPROVED BY THE OWNER.
- ALL ABANDONED PIPES SHALL BE BULKHEADED AND FILLED WITH SAND.
- EXISTING CATCH BASINS, WHERE DISTURBED, SHALL BE RESET TO FINISHED GRADE, OR PAVEMENT ELEVATION AS DIRECTED BY THE ENGINEER.
- ALL UTILITY SERVICE SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL MANHOLES, CATCH BASINS AND MONUMENT RIMS, VALVE BOXES, CASTING AND COVERS SHALL BE ADJUSTED TO FINISHED PAVEMENT ELEVATIONS OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE ALL DRAWINGS FOR PERTINENT INFORMATION RELATED TO STRUCTURAL WORK.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS RELATED TO EXISTING CONSTRUCTION, EXISTING SERVICES, TEMPORARY SERVICE AND THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND FINAL CLEARANCE OF ANY REQUIRED NEEDLING, UNDERPINNING, SHORING, OR BRACING OF EXISTING STRUCTURES.
- NOTIFY THE ENGINEER OF ANY UNUSUAL SOIL CONDITIONS, SUCH AS SPRINGS OR SEEPAGE OF WATER ENCOUNTERED, OR WHERE A DIFFERENT BEARING MATERIAL IS EVIDENT AND THERE IS A QUESTION OF THE BEARING CAPACITY.
- SEE SPECIFICATIONS FOR: QUALITY OF CONSTRUCTION REQUIRED, PERFORMANCE LEVELS OF WORKMANSHIP, MANUFACTURING AND INDUSTRY STANDARDS, STRENGTH REGULATIONS, GUARANTEE REQUIREMENTS.
- MINOR ALIGNMENT CHANGES MAY BE REQUIRED DURING CONSTRUCTION DUE TO POSSIBLE UTILITY CONFLICTS, AS DIRECTED BY THE ENGINEER.
- NO SUPPLEMENTAL CLAUSES, CONDITIONS, NOTATIONS OR STIPULATIONS BY THE BIDDERS SHALL BE PERMITTED ON OR ATTACHED TO THE BID PROPOSAL.
- ERRORS IN BIDDING COMPUTATIONS SHALL BE AT THE PERIL OF THE BIDDER. ALL ERRORS SHALL BE RESOLVED AS MOST FAVORABLE TO THE OWNER AND THE SUCCESSFUL BIDDER WAIVES ANY AND ALL CLAIMS AGAINST THE OWNER OR RIGHT OF REFORMATION OF THE BID AFTER THE PUBLIC OPENING OF THE BIDS.
- THE CONTRACTOR IS TO CONFIRM THE INVERT ELEVATIONS OF ALL EXISTING SEWERS AFFECTED BY HIS WORK PRIOR TO COMMENCEMENT OF WORK AND REPORT ALL FINDINGS TO THE ENGINEER.
- PAVING AND/OR RESURFACING WORK SHALL NOT BE SCHEDULED FOR COMPLETION UNTIL PRIOR APPROVAL OF THE CONTRACTOR'S PROGRESS SCHEDULE HAS BEEN GRANTED OR DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL OBTAIN HIGHWAY USE PERMITS FROM THE MEDINA COUNTY HIGHWAY ENGINEER PRIOR TO CONSTRUCTION ON TOWNSHIP OR COUNTY ROADWAYS. THE MEDINA COUNTY SANITARY ENGINEER WILL OBTAIN O.D.O.T. PERMITS FOR WORK IN STATE OF OHIO ROADWAYS.
- WORK LIMITS SHALL BE LIMITED TO WITHIN THE RIGHT-OF-WAY. ALL OF THE CONTRACTOR'S OPERATIONS MUST BE CONFINED WITHIN THE EXISTING STREET'S RIGHT-OF-WAY LIMITS OR THE EXISTING WATERLINE EASEMENTS ACQUIRED BY THE OWNER. ANY ADDITIONAL CONSTRUCTION EASEMENTS NEEDED FOR COMPLETION OF HIS WORK MUST BE SECURED FROM THE PROPERTY OWNERS BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.
- EXCESS EXCAVATION FOR THE PROJECT SHALL BE WASTED ON THE PROJECT SITE AS DIRECTED BY THE ENGINEER, OR EXCESS EXCAVATION NOT WASTED ON THE JOB SITE SHALL BE HAULED AWAY BY THE CONTRACTOR AT HIS EXPENSE AT NO ADDITIONAL COST TO THE OWNER. MATERIALS DISPOSED OF OFF-SITE MUST BE DISPOSED OF IN AN ENVIRONMENTALLY SOUND FASHION AND IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- TREES: ALL TREES SHALL BE SAVED UNLESS OTHERWISE NOTED, OR AS DIRECTED BY THE ENGINEER. EXTREME CAUTION MUST BE TAKEN TO PROTECT THE TREES. ANY DAMAGE TO THE TREES MUST BE REPAIRED AND THE METHOD OF REPAIR MUST RECEIVE PRIOR APPROVAL FROM THE ENGINEER.
- RESTORATION OF THE WORK AREA: BEFORE RELEASE OF THE FINAL PAYMENT A COMPLETE REVIEW OF THE ENTIRE WORK AREA WILL BE MADE TO VERIFY THE AREA IS RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER.

- THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY, AS REQUIRED BY SECTION 153.64 OHIO REVISED CODE. AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE UTILITY PROTECTION SERVICE, AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN ON THE PLANS. THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN FORTY-EIGHT HOURS, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.
- SANITARY SEWERS ARE TO BE SEPARATED FROM EXISTING AND PROPOSED POTABLE WATER LINES BY A MINIMUM HORIZONTAL DISTANCE OF TEN FEET (10'), OUTSIDE DIAMETER TO OUTSIDE DIAMETER. IN INSTANCES WHERE WATER AND SEWER LINE MUST CROSS, THE WATERLINE IS TO MAINTAIN A VERTICAL DISTANCE OF EIGHTEEN INCHES (18") ABOVE THE SEWER, OUTSIDE DIAMETER TO OUTSIDE DIAMETER.
- ALL CONSTRUCTION EQUIPMENT SHALL BE EQUIPPED WITH MUFFLERS IN ACCORDANCE WITH FEDERAL SAFETY STANDARDS.

WATER LINES	COUNTY OF MEDINA
STORM SEWERS	791 WEST SMITH ROAD
SANITARY SEWERS	MEDINA, OH 44256 (216) 225-3113 or (330) 723-9575
	RURAL LORAIN COUNTY WATER AUTHORITY
	P.O. BOX 567
	LA GRANGE, OH 44050
	(216) 355-5121
ELECTRIC LINES	OHIO EDISON
	6325 LAKE AVE.
	ELYRIA, OH 44035
	(440) 326-3288
TELEPHONE LINES	GENERAL TELEPHONE OF OHIO
	6223 NORWALK ROAD
	MEDINA, OH 44256
	(330) 722-9580
GAS LINES	COLUMBIA GAS OF OHIO
	P.O. BOX 548
	MEDINA, OH 44258-0548
	(330) 725-4961 or (800) 344-4077
	COLUMBIA GAS OF OHIO
	827 WALNUT ROAD
	ELYRIA, OH 44035
	(216) 323-5551
	COLUMBIA GAS TRANSMISSION
	P.O. BOX 629
	MEDINA, OH 44258-0629
	(330) 721-4165
	EAST OHIO GAS
	2100 EASTWOOD AVE.
	AKRON, OH 44305
	(330) 798-7148 or (330) 798-7104
	OHIO WELL & GAS ASSOCIATION (One Call)
	1-800-925-0988
CABLE TV	CABLEVISION
	CONSTRUCTION DEPT.
	14300 S. INDUSTRIAL PARK
	MAPLE HTS., OH 44137
	(216) 663-4003
	ARMSTRONG UTILITIES INC., CATV
	1141 LAFAYETTE RD.
	MEDINA, OH 44256
	(330) 723-3536
	TIME WARNER
	105 W. PROSPECT ST.
	P.O. BOX 10
	LODI, OH 44254
	(330) 948-2116 or (800) 821-7250
OUPS	REGISTERED UNDERGROUND UTILITIES
	PROTECTION SERVICE
	1-800-362-2764

ADDITIONAL NOTES FOR TOWNSHIP AND COUNTY HIGHWAYS:
 MEDINA COUNTY HIGHWAY ENGINEER INSPECTORS WILL PERIODICALLY CHECK THAT:
 1. SIGNS & FLAGGERS (PATROLMEN) ARE USED EVERY DAY (2).
 2. THE ROAD IS WASHED EVERY DAY.
 3. THE EXCAVATED AREA IS CLOSED OR PLATED DAILY.
 4. PREMIUM FILL IS USED IF THE TRENCH IS WITHIN 5'-0" OF THE EDGE OF THE PAVEMENT.
 5. TRENCH BOXES & LADDERS ARE USED AS REQUIRED BY M.C.E.
 6. ALL EQUIPMENT IS PARKED 10'-0" MINIMUM FROM THE PAVEMENT EDGE.

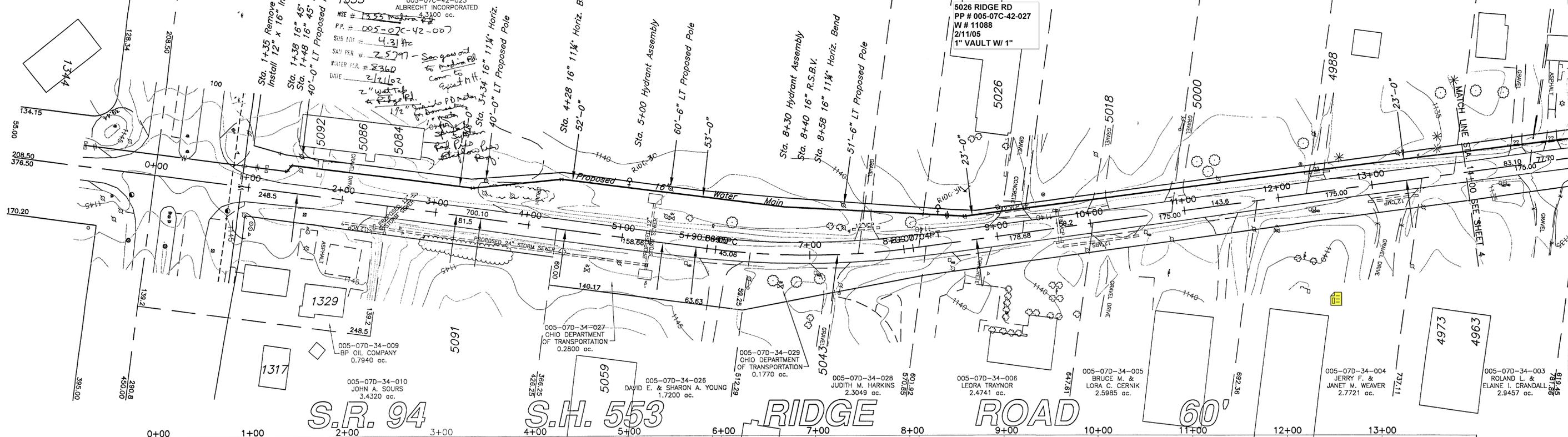
CAUTION:
 Contact all utilities before beginning construction (Refer to General Note #26).

DATE	DESCRIPTION	BY
5/17/2001	ADDED WATER NOTE #22, UPDATED WATER NOTES #15 & #17	MJ
11/2/99	ADDED WATER NOTES #19, #20 & #21	MJ
1/29/99	UPDATED WATER NOTES #4 & #13	MJ
10/2/97	UPDATED WATER NOTES #2, #4 & #13	MJ
9/11/97	UPDATED WATER NOTES #4 & #13	MJ
8/25/97	UPDATED WATER NOTES #9, #15 & #15	MJ
7/24/00	UPDATED GENERAL NOTE #27 PER OHIO EPA	KJ

— PLAN PREPARED BY —
MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9565 (330) 225-3113

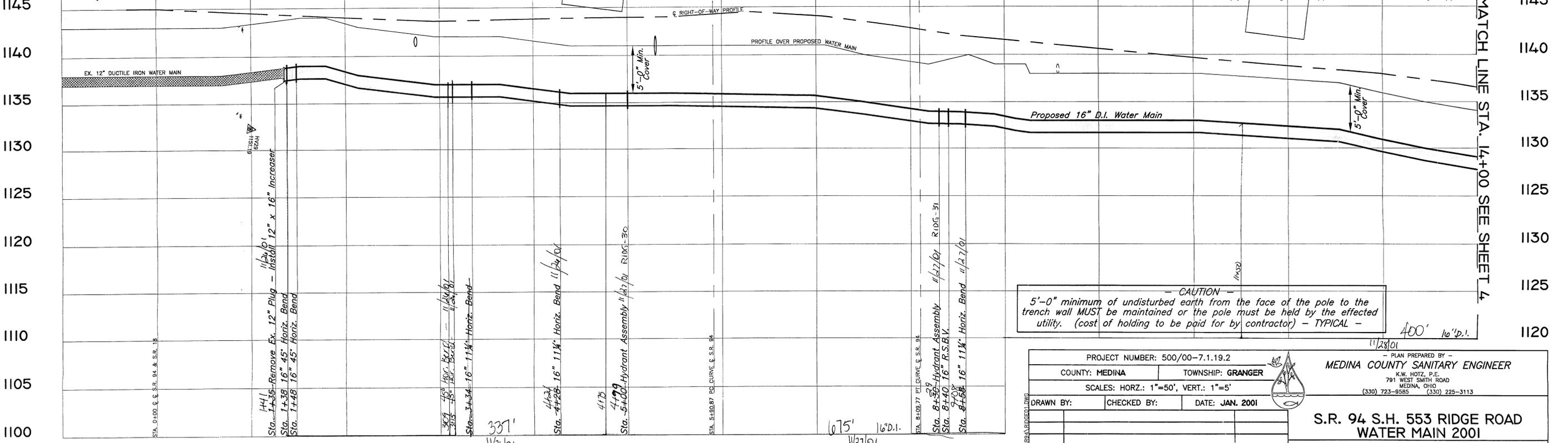
GENERAL NOTES

2 30
 SHEET OF 30



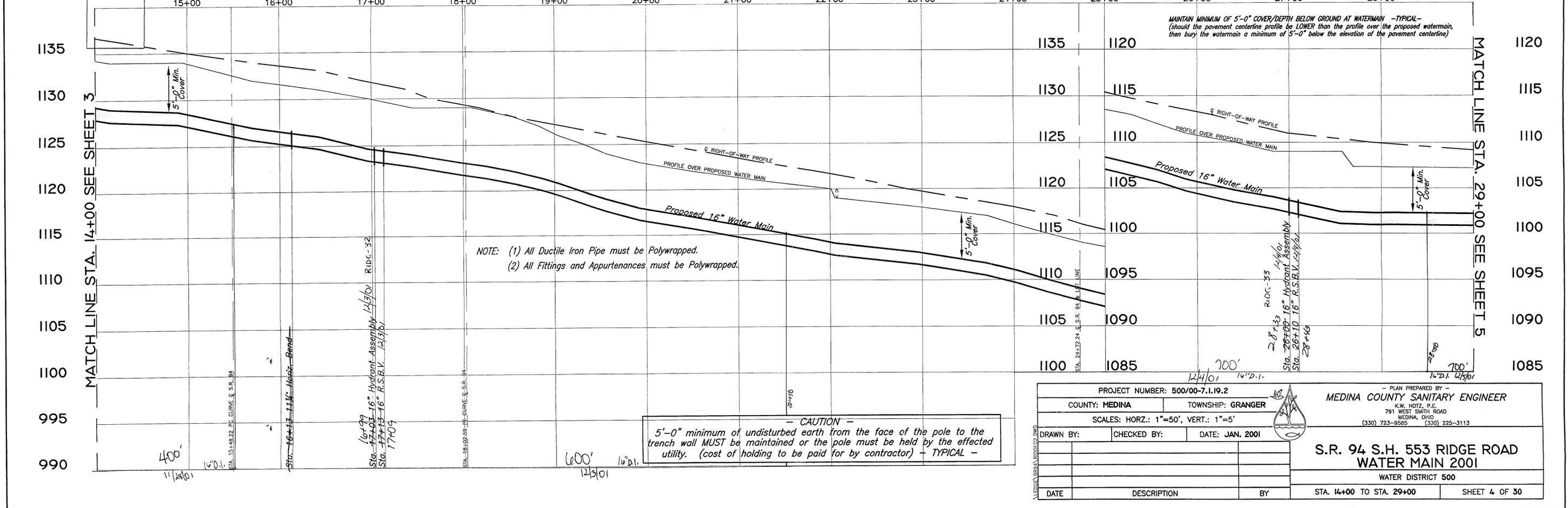
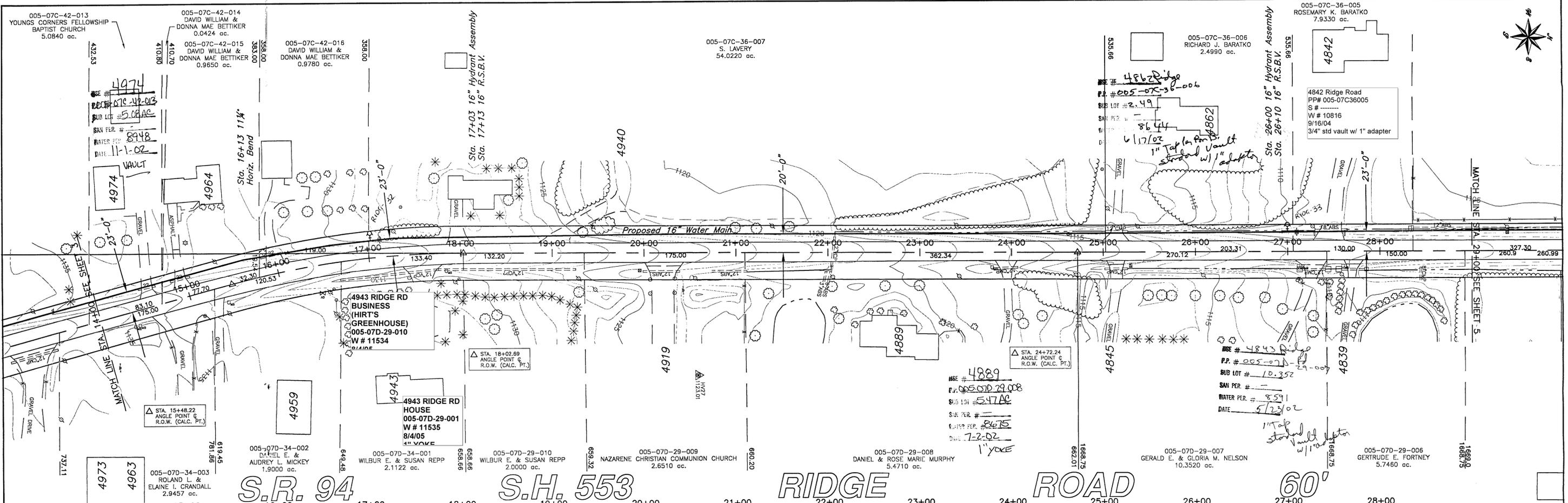
MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain,
 then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001	
S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001			
WATER DISTRICT 500			
DATE	DESCRIPTION	BY	STA. 1+35 TO STA. 14+00 SHEET 3 OF 30

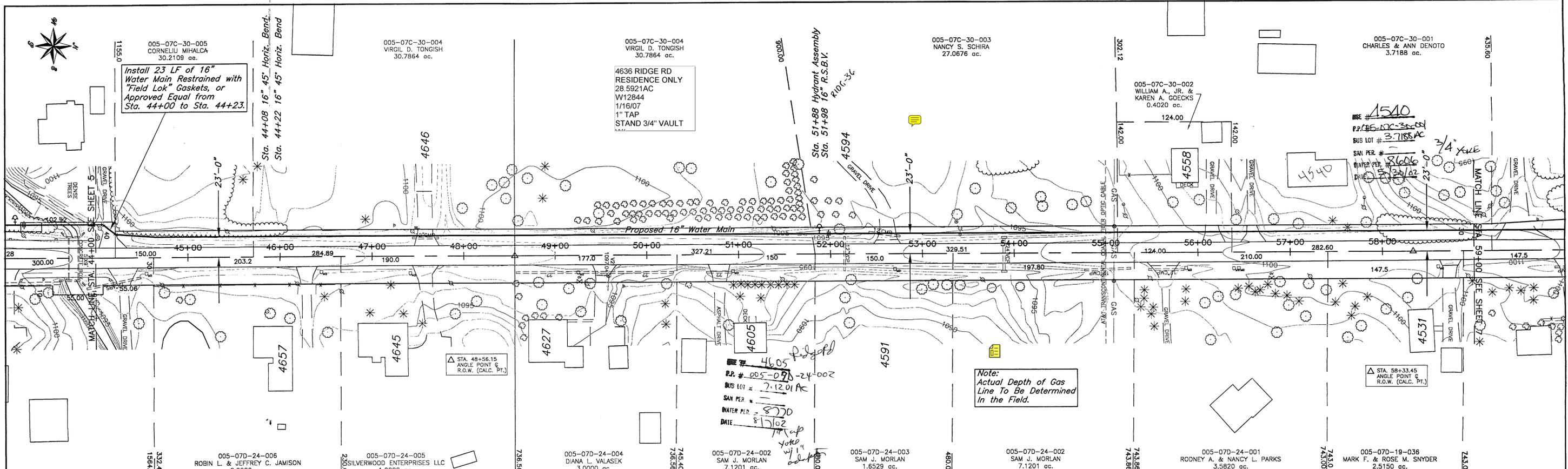


NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

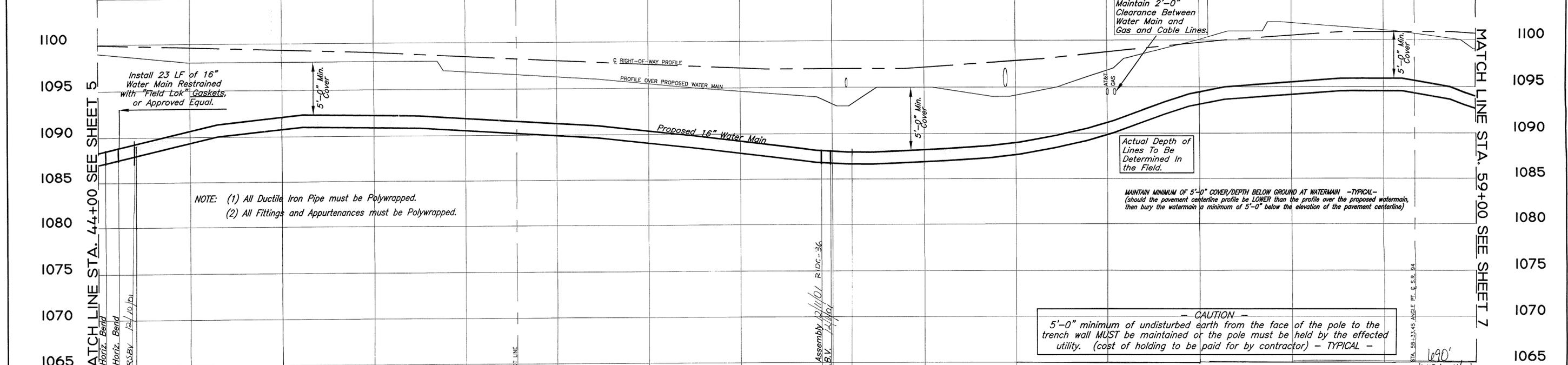
CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: GRANGER		
SCALES: HORZ.: 1"=50', VERT.: 1"=5'				
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001		
DATE	DESCRIPTION	BY	S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001	
			WATER DISTRICT 500	
			STA. 14+00 TO STA. 29+00 SHEET 4 OF 50	





S.R. 94 S.H. 553 RIDGE ROAD 60'



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Maintain 2'-0" Clearance Between Water Main and Gas and Cable Lines.

Actual Depth of Lines To Be Determined In the Field.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (Should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2			MEDINA COUNTY SANITARY ENGINEER		
COUNTY: MEDINA			TOWNSHIP: GRANGER		
SCALES: HORZ.: 1"=50', VERT.: 1"=5'					
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001	TITLE S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001 WATER DISTRICT 500		
DATE	DESCRIPTION	BY	STA. 44+00 TO STA. 59+00 SHEET 6 OF 30		

MATCH LINE STA. 44+00 SEE SHEET 5

MATCH LINE STA. 59+00 SEE SHEET 7

005-07C-30-005 CORNELIU MIHALCA 30.2108 ac.
 Install 23 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal from Sta. 44+00 to Sta. 44+23.

005-07C-30-004 VIRGIL D. TONGISH 30.7864 ac.
 4636 RIDGE RD RESIDENCE ONLY 28.5921AC W12844 1/16/07 1" TAP STAND 3/4" VAULT

005-07C-30-003 NANCY S. SCHIRA 27.0676 ac.

005-07C-30-001 CHARLES & ANN DENOTO 3.7188 ac.

005-07D-24-006 ROBIN L. & JEFFREY C. JAMISON 2.0000 ac.

005-07D-24-005 SILVERWOOD ENTERPRISES LLC 1.0000 ac.

005-07D-24-004 DIANA L. VALASEK 3.0000 ac.

005-07D-24-002 SAM J. MORLAN 7.1201 ac.

005-07D-24-003 SAM J. MORLAN 1.6529 ac.

005-07D-24-002 SAM J. MORLAN 7.1201 ac.

005-07D-24-001 RODNEY A. & NANCY L. PARKS 3.5820 ac.

005-07D-19-036 MARK F. & ROSE M. SNYDER 2.5150 ac.

4605
 P.P. # 005-07D-24-002
 SUB LOT # 7.1201 AC
 SAN PER # 5770
 WATER P.L.R. 8/1/02
 DATE 8/1/02

Note:
 Actual Depth of Gas Line To Be Determined In the Field.

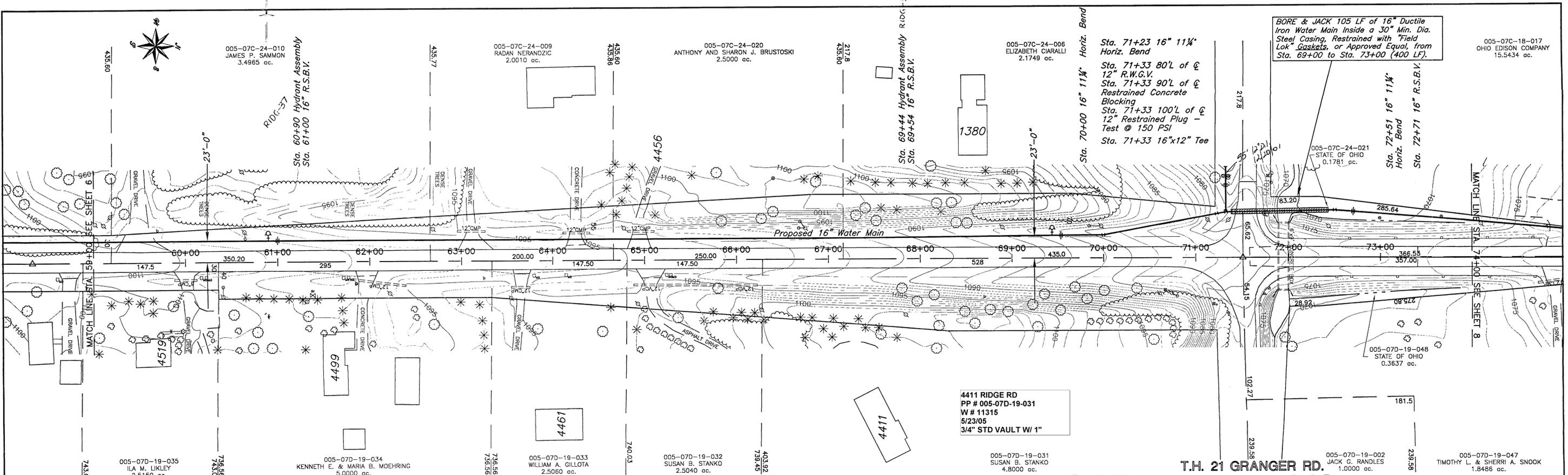
△ STA. 58+33.45
 ANGLE POINT & R.O.W. (CALC. PT.)

160' 12/10/01

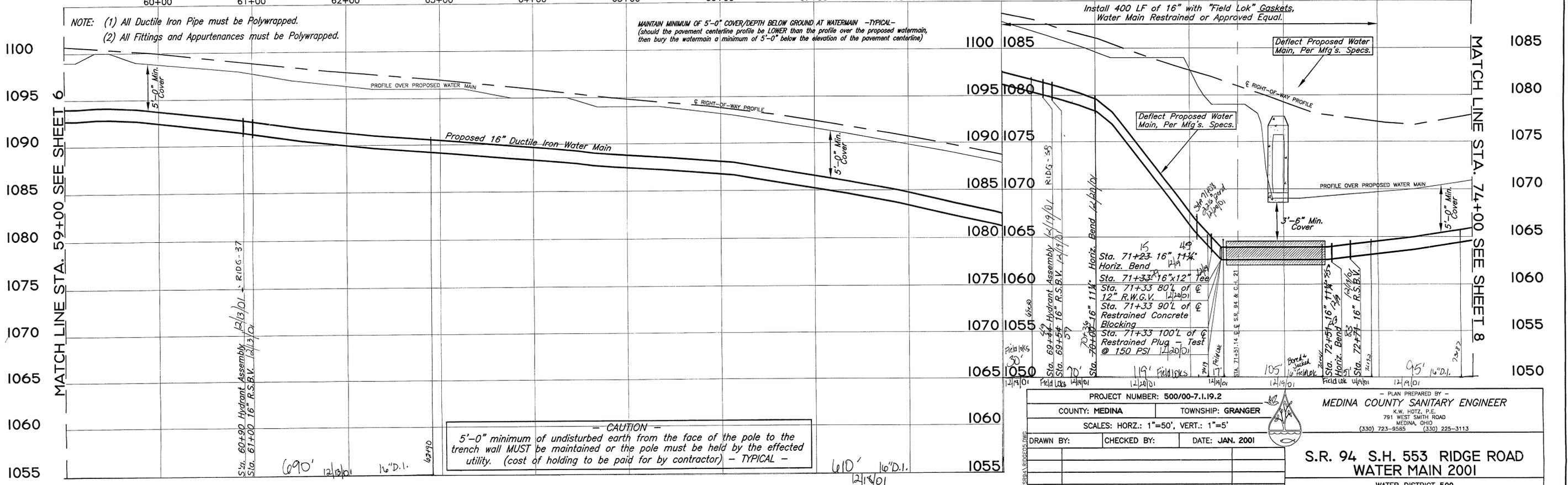
620' 12/10/01

380' 12/10/01

160' D.I. 12/10/01



S.R. 94 S.H. 553 RIDGE ROAD 60'



PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. HOTZ, P.E. 781 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001	
DATE		DESCRIPTION	BY
		STA. 59+00 TO STA. 74+00	SHEET 7 OF 30

S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001



005-07C-18-017
OHIO EDISON COMPANY
15.5434 ac.

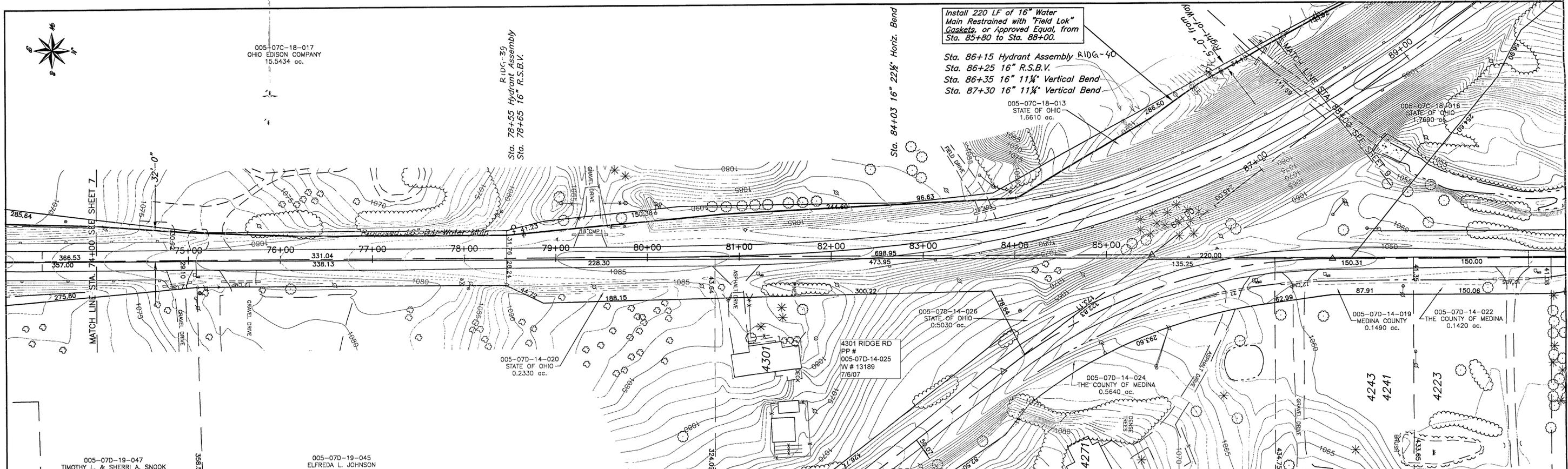
RIDG-39
Sta. 78+55 Hydrant Assembly
Sta. 78+65 16" R.S.B.V.

Install 220 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 85+80 to Sta. 88+00.

Sta. 86+15 Hydrant Assembly RIDG-40
Sta. 86+25 16" R.S.B.V.
Sta. 86+35 16" 11 1/4" Vertical Bend
Sta. 87+30 16" 11 1/4" Vertical Bend

005-07C-18-013
STATE OF OHIO
1.6610 ac.

Sta. 84+03 16" 22 1/2" Horiz. Bend



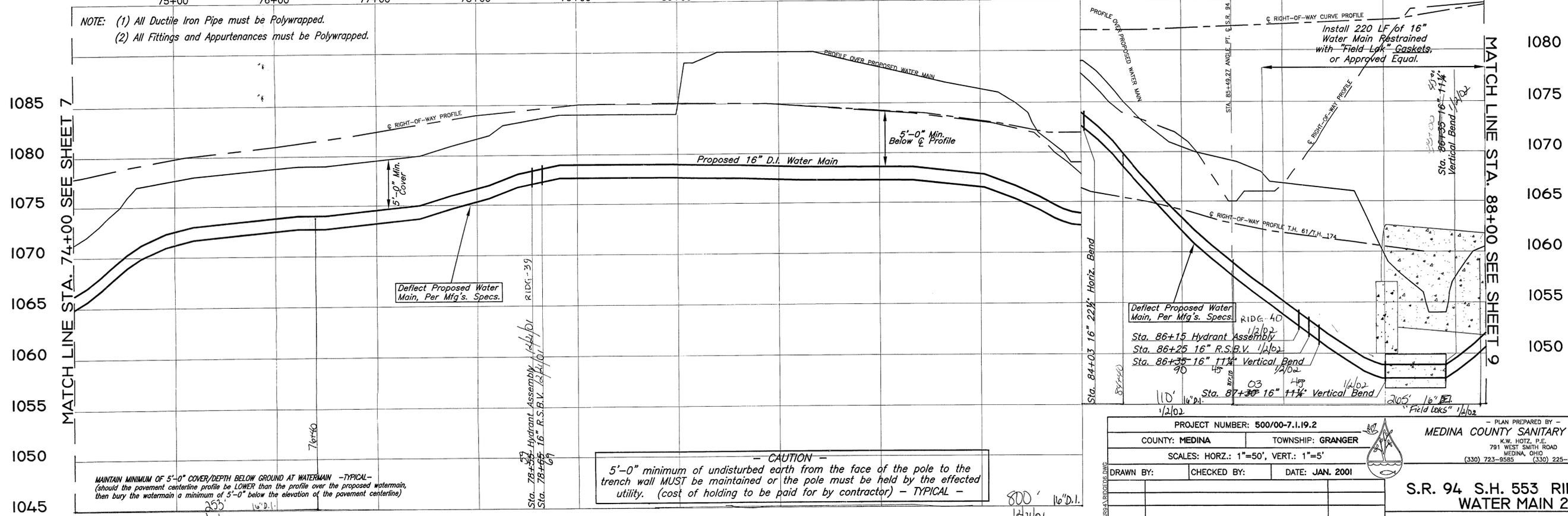
S.R. 94

S.H. 553

RIDGE ROAD

60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

Install 220 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

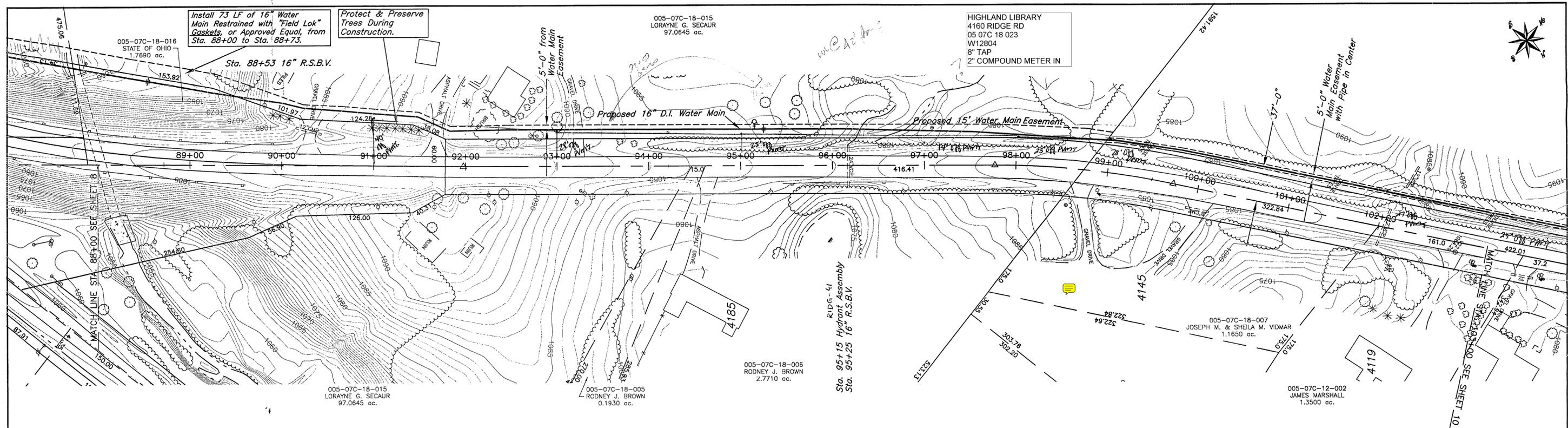
Deflect Proposed Water Main, Per Mfg's. Specs.
RIDGE 40
Sta. 86+15 Hydrant Assembly
Sta. 86+25 16" R.S.B.V.
Sta. 86+35 16" 11 1/4" Vertical Bend
Sta. 87+30 16" 11 1/4" Vertical Bend

PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY -	
COUNTY: MEDINA		TOWNSHIP: GRANGER		MEDINA COUNTY SANITARY ENGINEER
SCALES: HORZ.: 1"=50', VERT.: 1"=5'				
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001		
DATE DESCRIPTION BY				
S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001			WATER DISTRICT 500	
STA. 74+00 TO STA. 88+00			SHEET 8 OF 30	

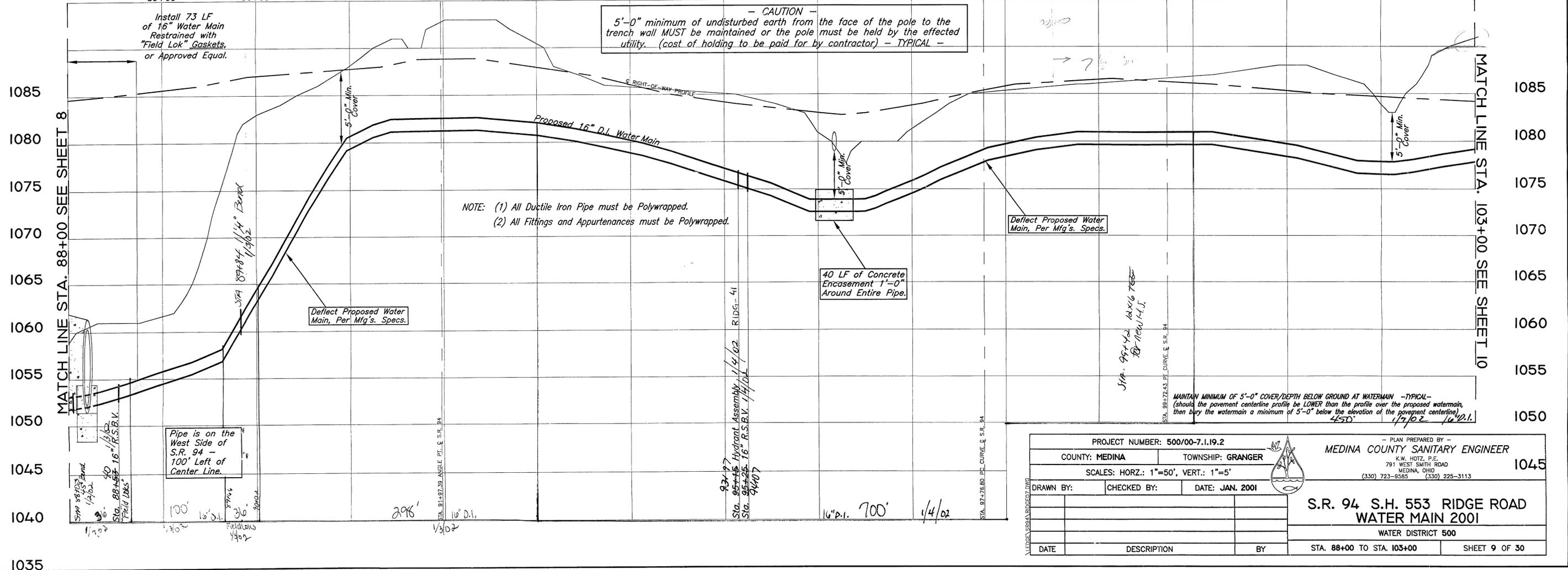
MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

12/21/01

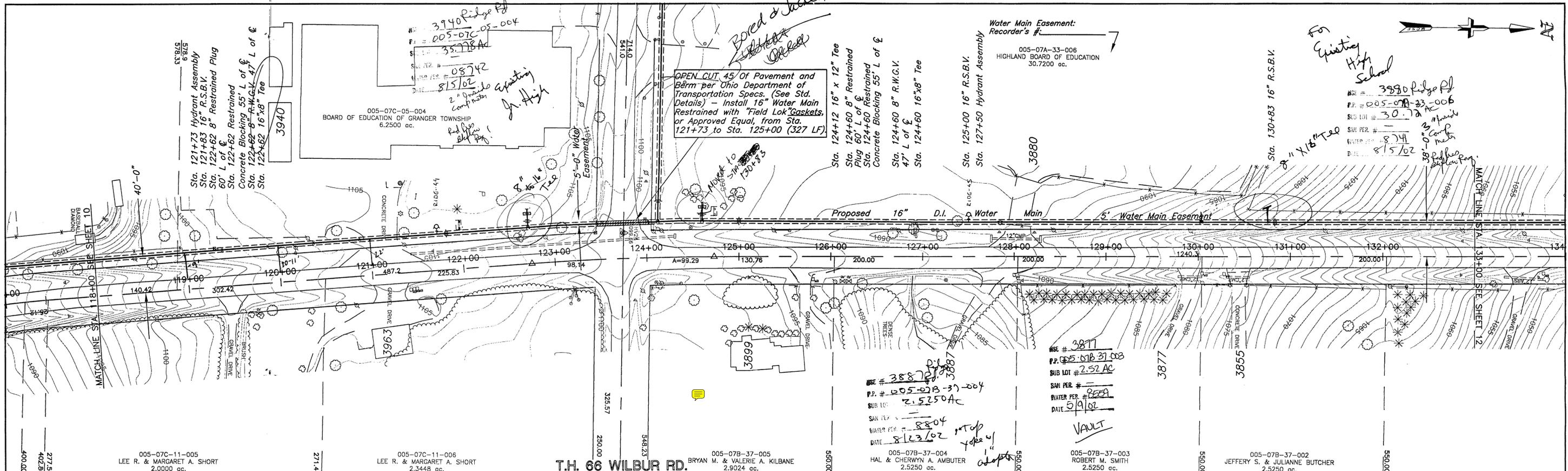
800' 16"D.I.
12/21/01



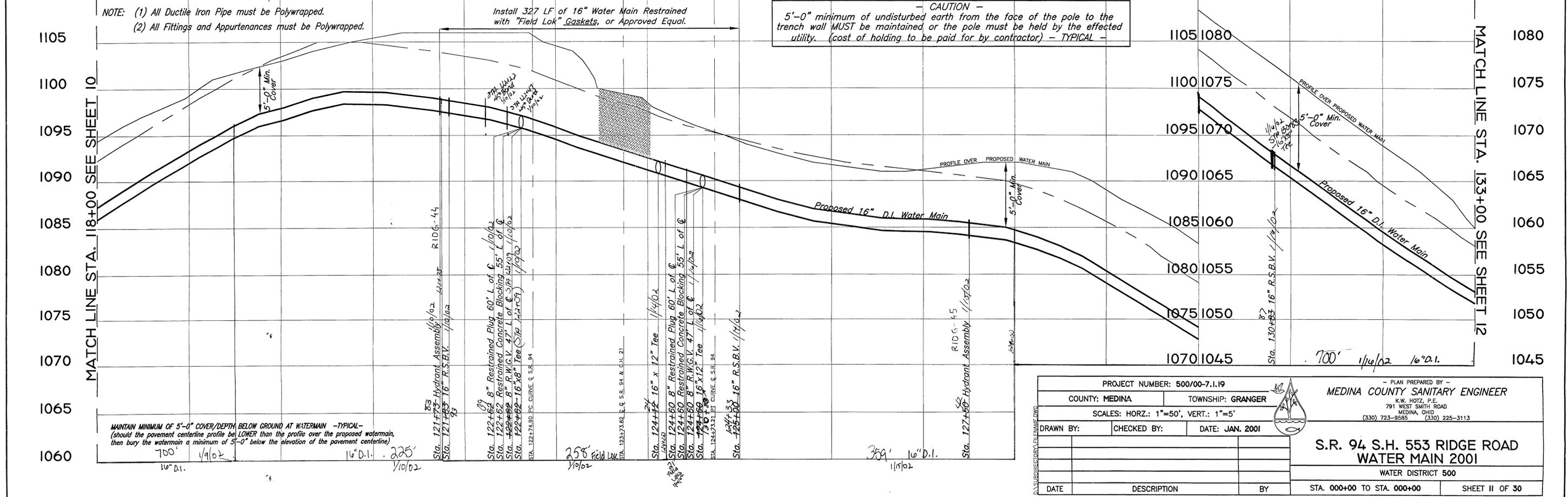
S.R. 94 S.H. 553 RIDGE ROAD 60'



PROJECT NUMBER: 500/00-7.1.19.2			- PLAN PREPARED BY -	
COUNTY: MEDINA		TOWNSHIP: GRANGER		1045
SCALES: HORZ.: 1"=50', VERT.: 1"=5'				
DRAWN BY:		CHECKED BY:		DATE: JAN. 2001
S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001 WATER DISTRICT 500				
DATE			DESCRIPTION	
STA. 88+00 TO STA. 103+00			SHEET 9 OF 30	



S.R. 94 S.H. 553 RIDGE ROAD 60'



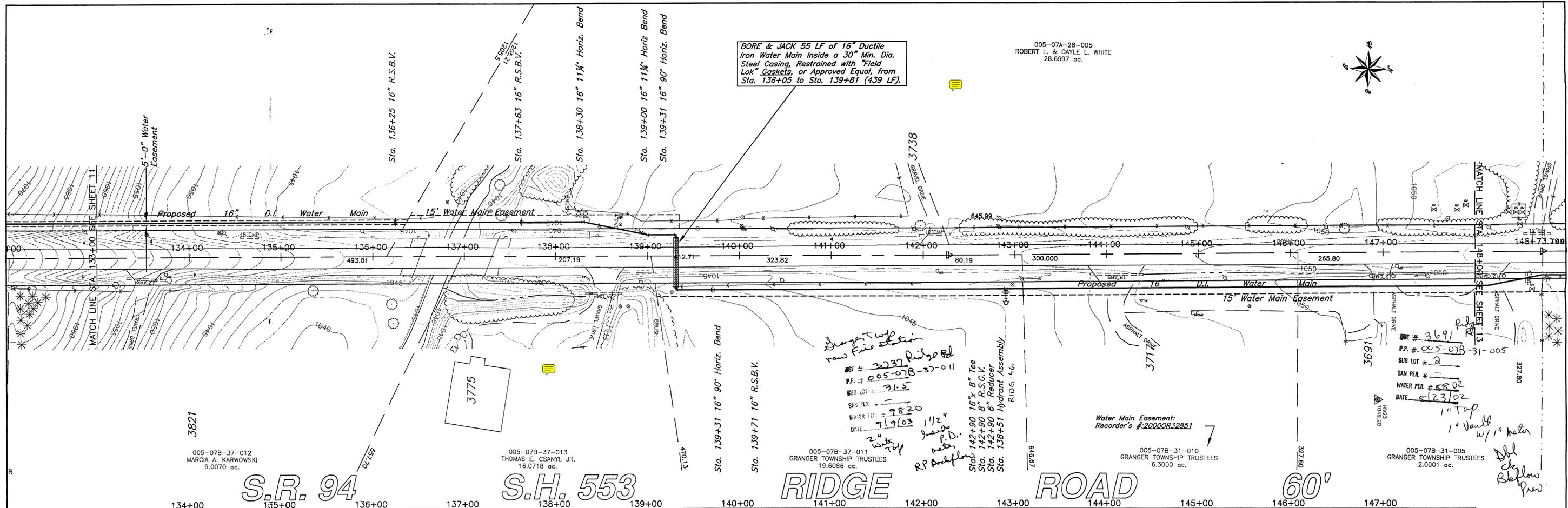
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Install 327 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

CAUTION - 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (Should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

PROJECT NUMBER: 500/00-7.1.19		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: GRANGER	MEDINA COUNTY SANITARY ENGINEER	
K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113			
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001	
S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001			
WATER DISTRICT 500			
DATE	DESCRIPTION	BY	STA. 000+00 TO STA. 000+00 SHEET II OF 30



005-078-37-012
MARCIA A. KARWOWSKI
9.0070 ac.

005-078-37-013
THOMAS E. CSANYI, JR.
16.0718 ac.

005-078-37-011
GRANGER TOWNSHIP TRUSTEES
19.6086 ac.

005-078-31-010
GRANGER TOWNSHIP TRUSTEES
6.3000 ac.

005-078-31-005
GRANGER TOWNSHIP TRUSTEES
2.0001 ac.

S.R. 94 S.H. 553 RIDGE ROAD 60'

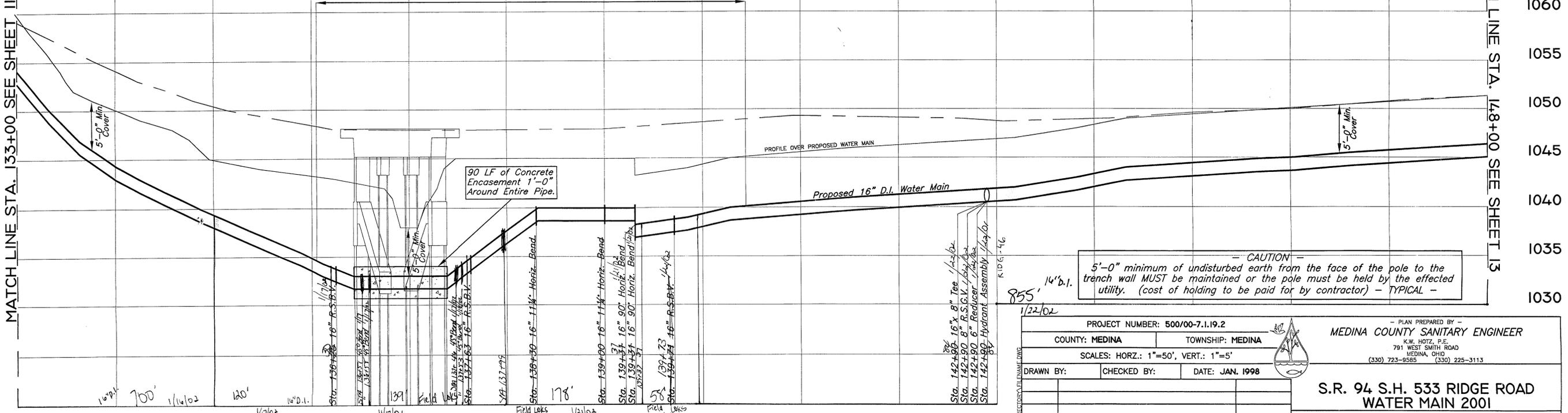
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

Install 439 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

90 LF of Concrete Encasement 1'-0" Around Entire Pipe.

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -



PROJECT NUMBER: 500/00-7.1.19.2		
COUNTY: MEDINA	TOWNSHIP: MEDINA	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		
DRAWN BY:	CHECKED BY:	DATE: JAN. 1998
<p>PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9565 (330) 225-3113</p>		
<p>S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 200I</p>		
WATER DISTRICT 500		
DATE	DESCRIPTION	BY
STA. 133+00 TO STA. 148+00		SHEET 12 OF 30



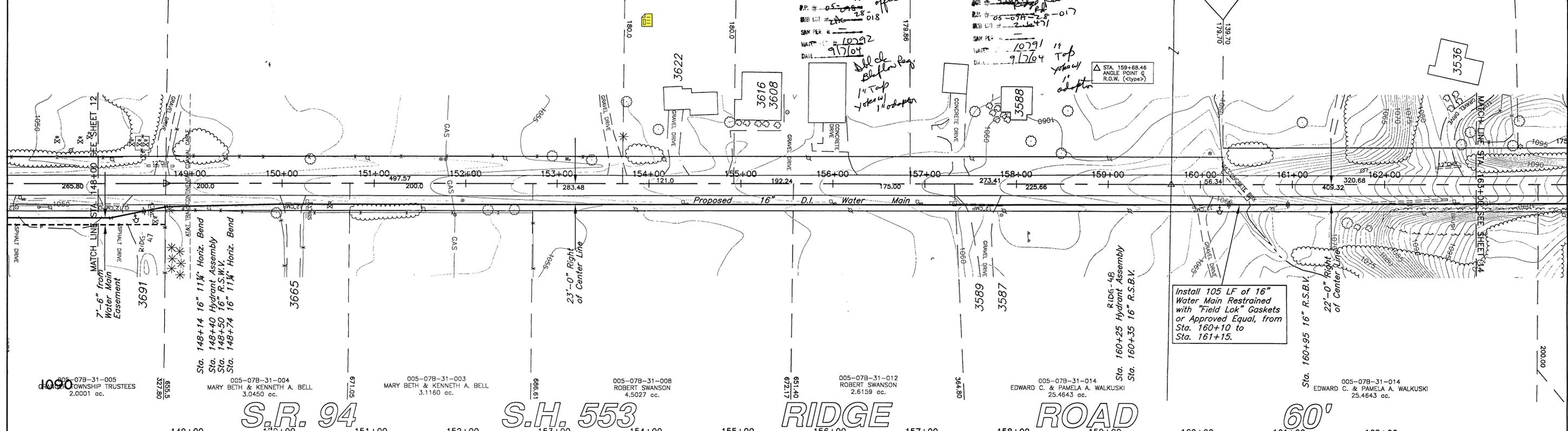
005-07A-28-005
ROBERT L. & GAYLE L. WHITE
28.6997 ac.

005-07A-28-003
JOSEPH PAUL NEMCHIK
0.5000 ac.

005-07A-28-018
NELSON F. & WILMA LUCILLE MCGUIRE
2.0000 ac.

005-07A-28-017
ALAN R. MCGUIRE
2.6471 ac.

005-07A-23-030
DONALD K. WILSON
2.4942 ac.



S.R. 94

S.H. 553

RIDGE

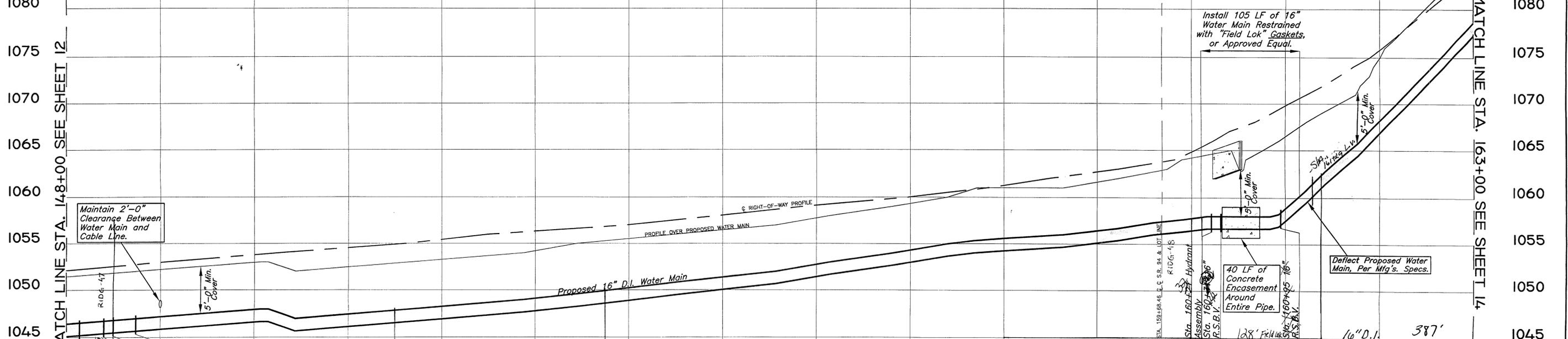
ROAD

60'

Install 105 LF of 16" Water Main Restrained with "Field Lok" Gaskets or Approved Equal, from Sta. 160+10 to Sta. 161+15.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (Should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



Maintain 2'-0" Clearance Between Water Main and Cable Line.

Install 105 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

40 LF of Concrete Encasement Around Entire Pipe.

Deflect Proposed Water Main, Per Mfg's. Specs.

NOTE: Actual Depth of Cable Line to Be Determined in the Field.

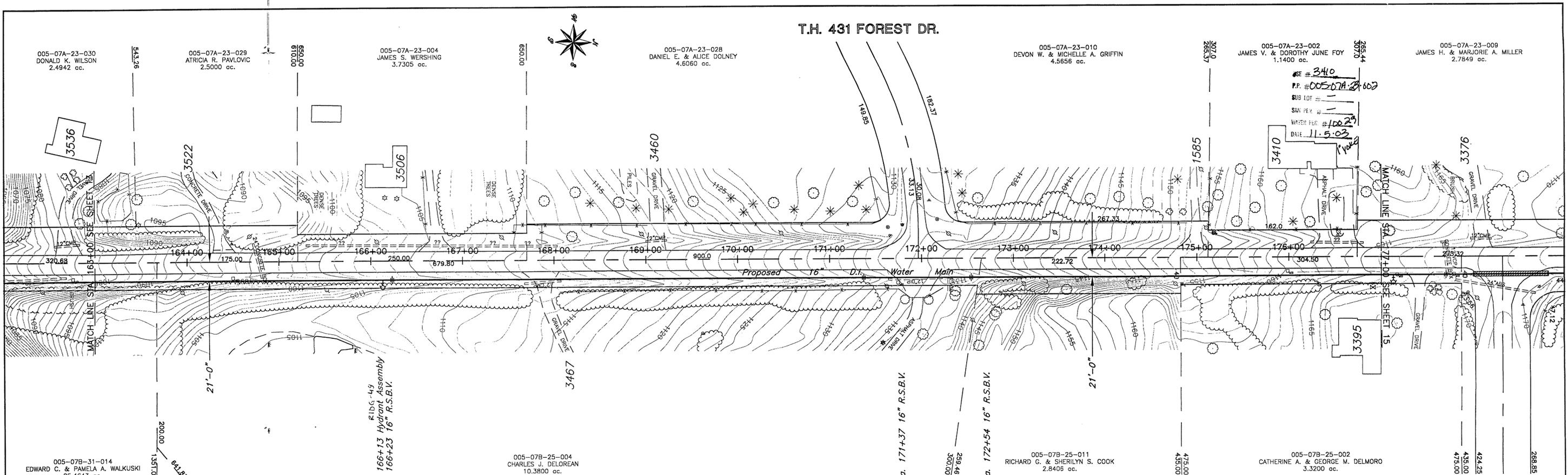
CAUTION - 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'	DATE: JAN. 2001		
DRAWN BY:	CHECKED BY:	BY	
DATE	DESCRIPTION	STA. 148+00 TO STA. 163+00	

WATER DISTRICT 500
SHEET 13 OF 30

S.R. 94 S.H. 553 RIDGE ROAD
WATER MAIN 2001

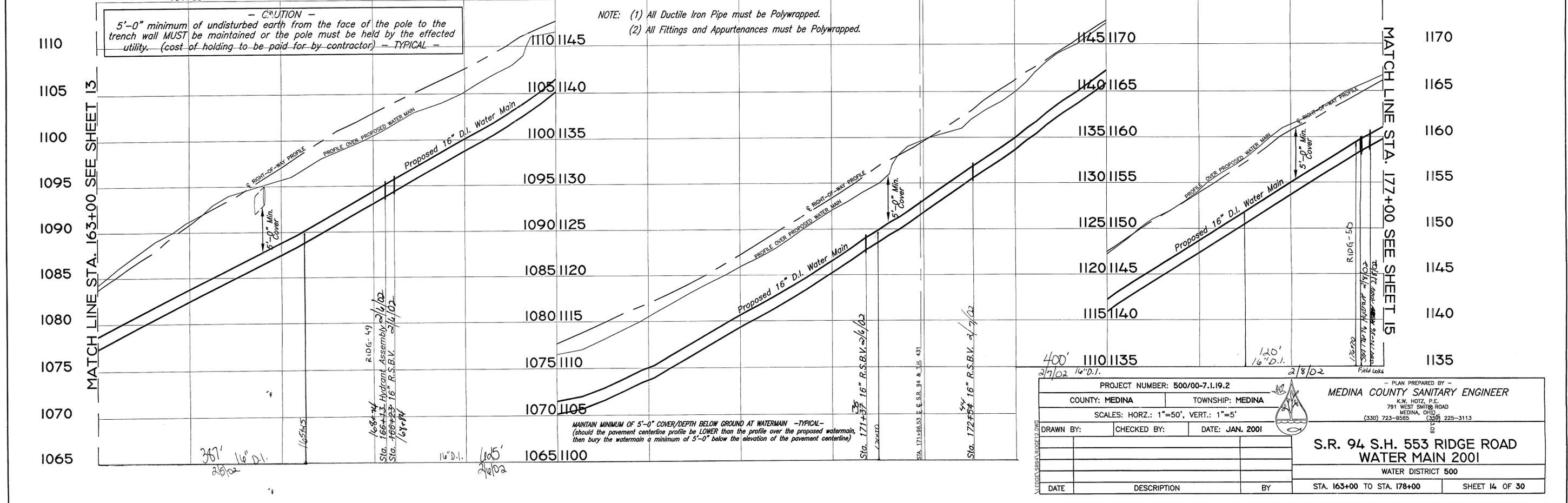
STA. 148+00 TO STA. 163+00



005-07A-23-030 DONALD K. WILSON 2.4942 ac. 005-07A-23-029 ATRICIA R. PAVLOVIC 2.5000 ac. 005-07A-23-004 JAMES S. WERSHING 3.7305 ac. 005-07A-23-028 DANIEL E. & ALICE DOLNEY 4.6060 ac. 005-07A-23-010 DEVON W. & MICHELLE A. GRIFFIN 4.5656 ac. 005-07A-23-002 JAMES V. & DOROTHY JUNE FOY 1.1400 ac. 005-07A-23-009 JAMES H. & MARJORIE A. MILLER 2.7849 ac.

005-07B-31-014 EDWARD C. & PAMELA A. WALKUSKI 25.4643 ac. 005-07B-25-004 CHARLES J. DELOREAN 10.3800 ac. 005-07B-25-011 RICHARD C. & SHERILYN S. COOK 2.8405 ac. 005-07B-25-002 CATHERINE A. & GEORGE M. DELMORO 3.3200 ac.

SEE # 3410
P.P. # 005-07A-23-002
SUB LOT #
SAN PER #
WATER P.C. # 100.23
DATE 11.5.03

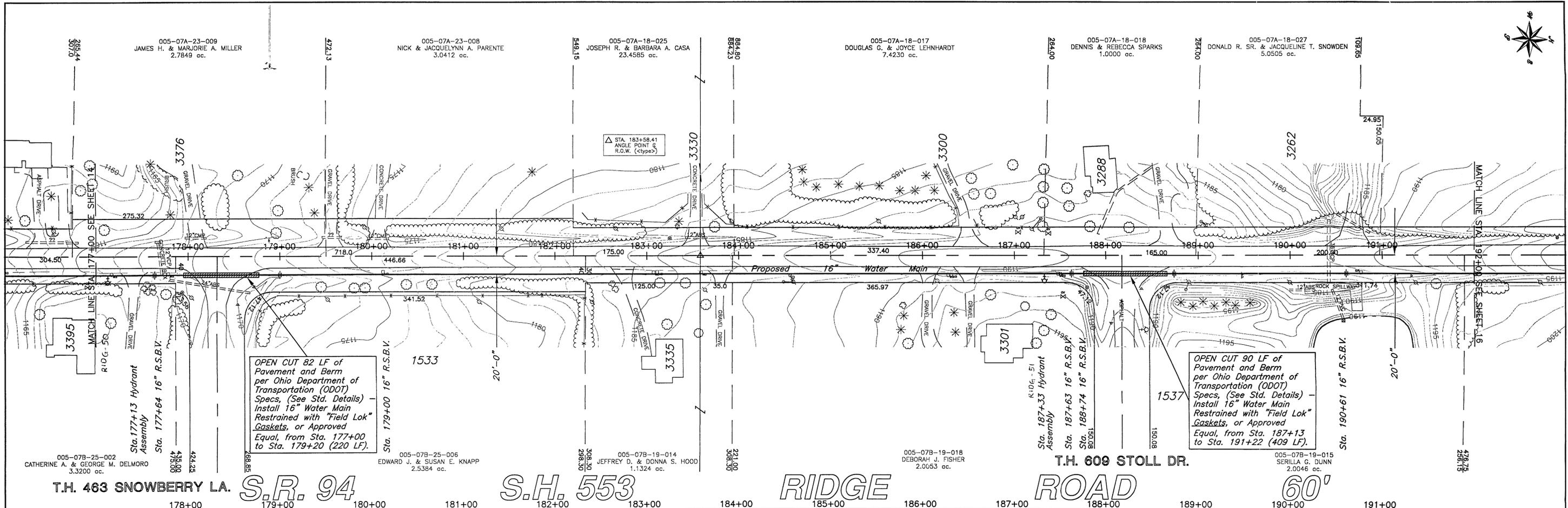


CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

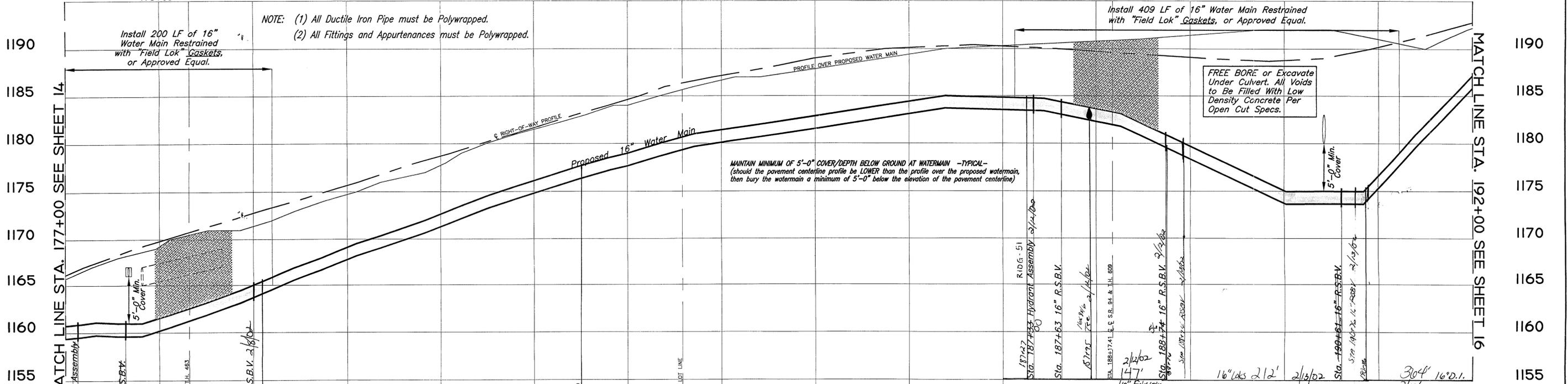
PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY -		
COUNTY: MEDINA			TOWNSHIP: MEDINA		
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			MEDINA COUNTY SANITARY ENGINEER		
DRAWN BY:			K.W. HOTZ, P.E.		
CHECKED BY:			791 WEST SMITH ROAD		
DATE: JAN. 2001			MEDINA, OHIO		
			(330) 723-9585 (330) 225-3113		
S.R. 94 S.H. 553 RIDGE ROAD					
WATER MAIN 2001					
WATER DISTRICT 500					
DATE		DESCRIPTION		BY	
STA. 163+00 TO STA. 178+00		SHEET 14 OF 30			



OPEN CUT 82 LF of Pavement and Berm per Ohio Department of Transportation (ODOT) Specs. (See Std. Details) - Install 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 177+00 to Sta. 179+20 (220 LF).

OPEN CUT 90 LF of Pavement and Berm per Ohio Department of Transportation (ODOT) Specs. (See Std. Details) - Install 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 187+13 to Sta. 191+22 (409 LF).

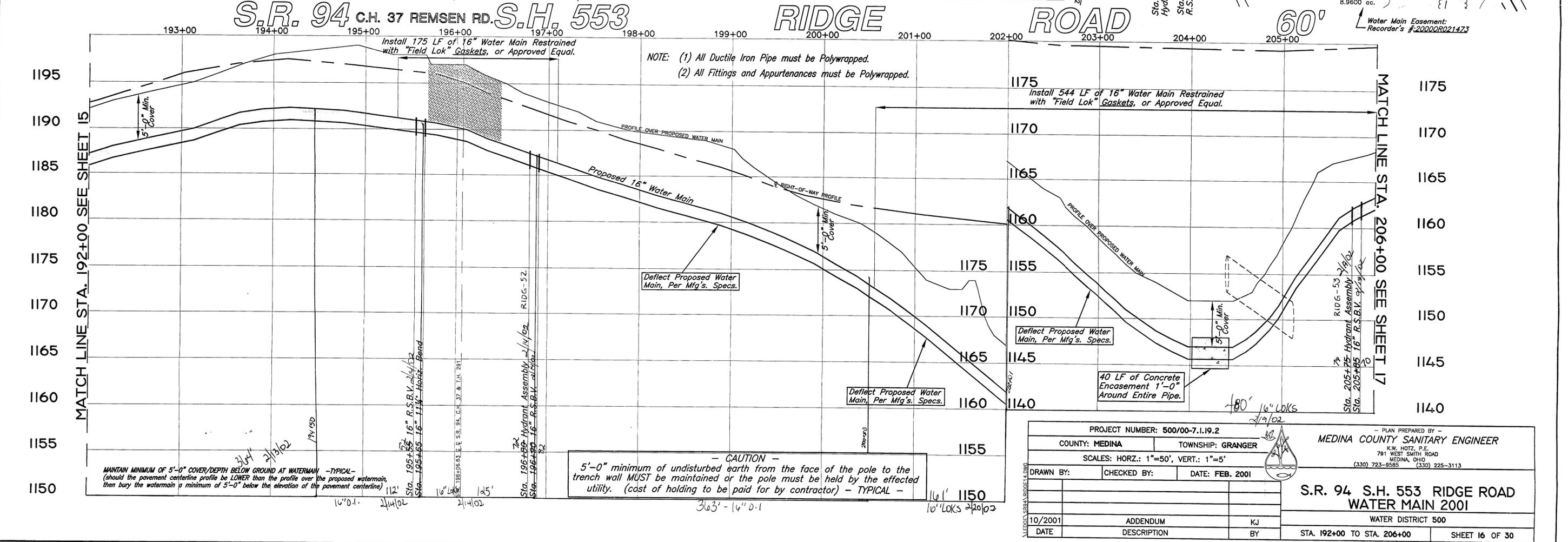
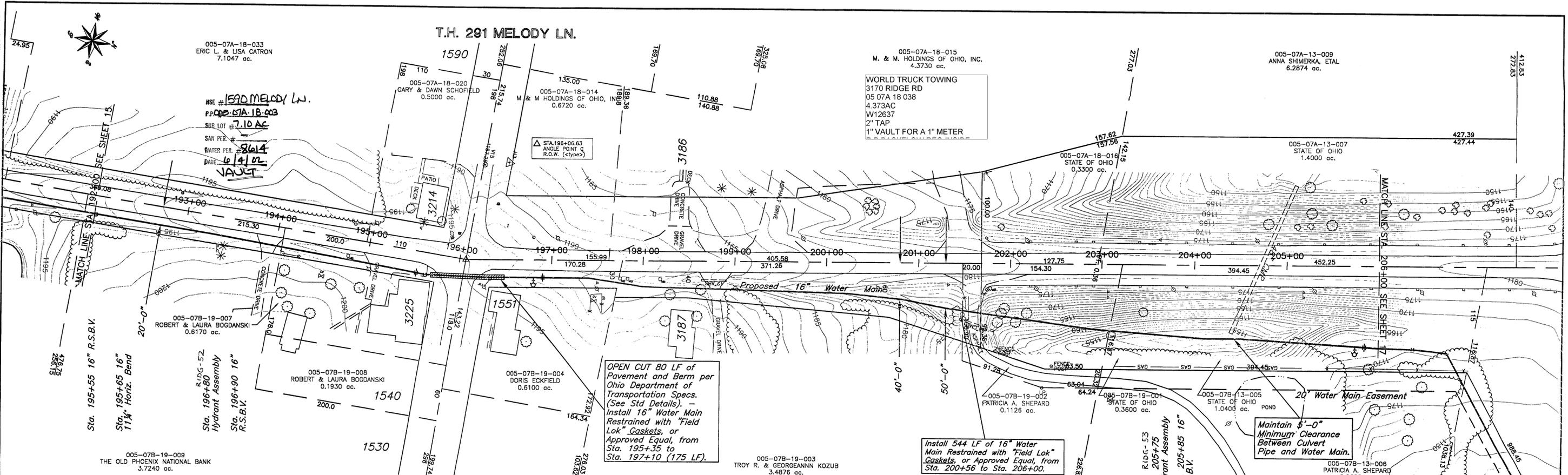
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall **MUST** be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: JAN. 2001	TITLE
			S.R. 94 S.H. 553 RIDGE ROAD WATER MAIN 2001
			WATER DISTRICT 500
DATE	DESCRIPTION	BY	STA. 178+00 TO STA. 192+00 SHEET 15 OF 30

477 16" D.I.
2/12/02



PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E.	
DRAWN BY:	CHECKED BY:	791 WEST SMITH ROAD	
		MEDINA, OHIO	
		(330) 723-9585 (330) 225-3113	
S.R. 94 S.H. 553 RIDGE ROAD			
WATER MAIN 2001			
WATER DISTRICT 500			
STA. 192+00 TO STA. 206+00		SHEET 16 OF 30	



005-07A-13-007
STATE OF OHIO
1.4000 ac.

005-07B-13-005
STATE OF OHIO
1.0400 ac.

005-07B-13-006
PATRICIA A. SHEPARD
8.9600 ac.

005-07B-13-001
BRYAN L. & DEBRA L. ALBER
31.1190 ac.

Bore Under I-271 is Not
Part of This Project

Install 83 LF of 16" Water
Main Restrained with "Field Lok"
Gaskets, or Approved Equal, from
Sta. 206+00 to Sta. 206+83.

Water Main Easement:
Recorder's #20010R021473

Sta. 206+37
16" 11 1/4"
Horiz. Bend

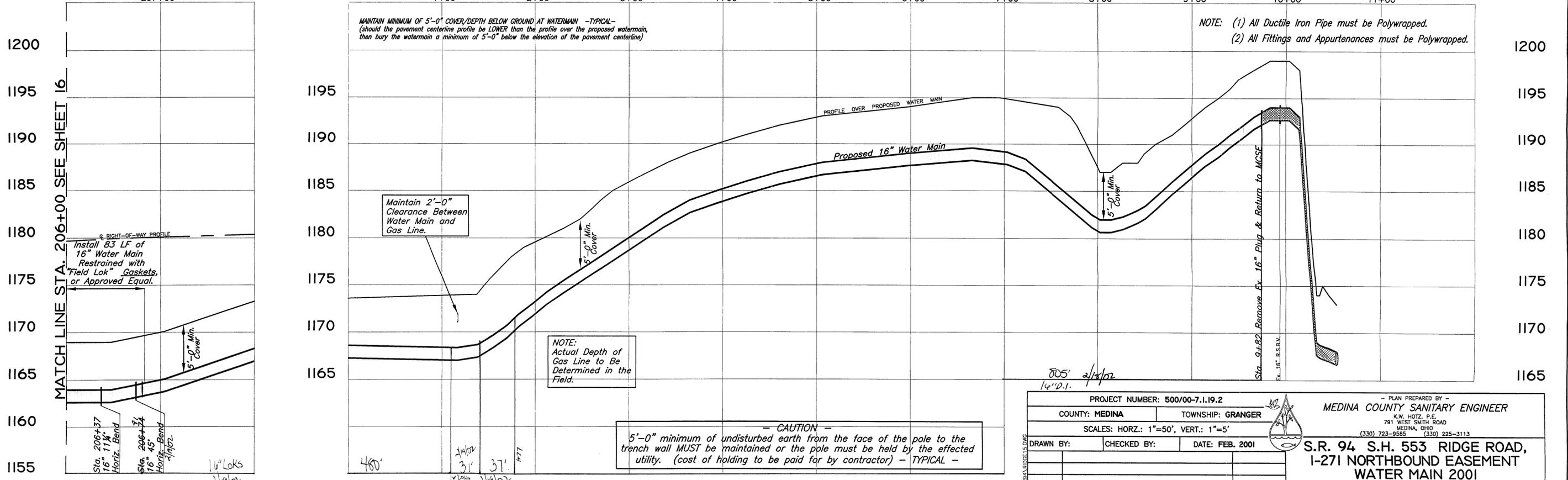
Sta. 206+74
16" 45"
Horiz. Bend

Sta. 9+82 Remove
Ex. 16" Plug &
Return to MCSE

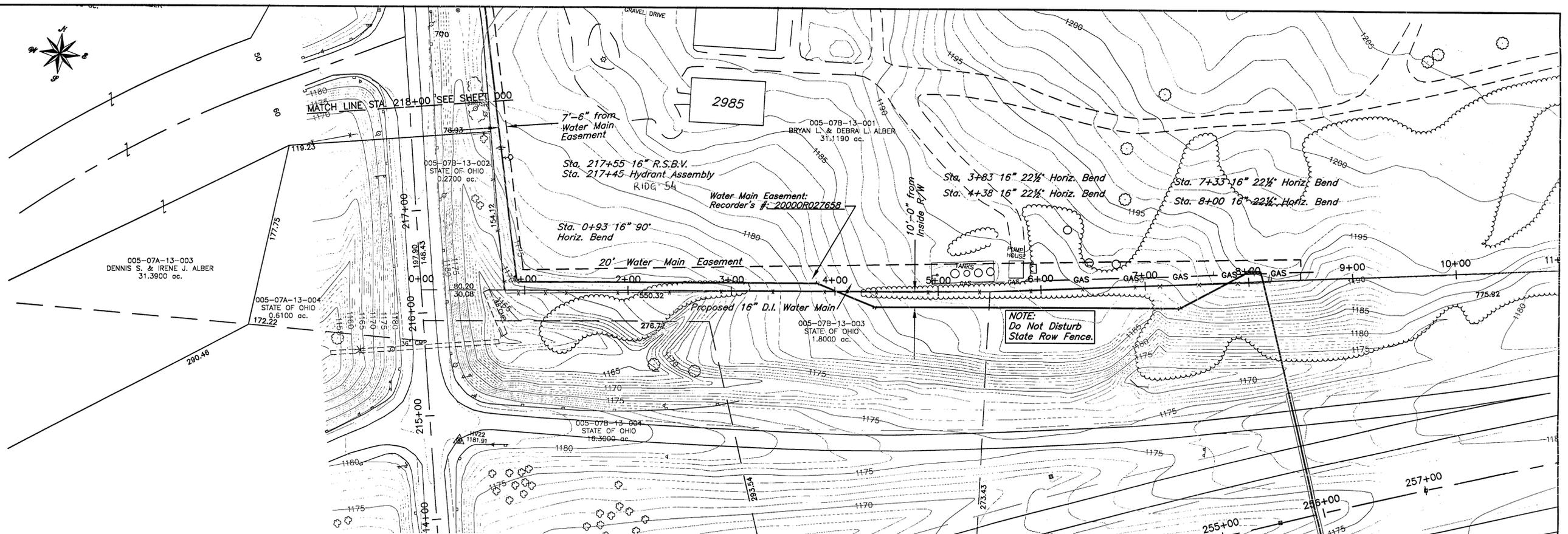
EX. 16" R.S.B.V.

S.R. 94 RIDGE ROAD 60'
207+00

INTERSTATE 271 NORTHBOUND EASEMENT 20'

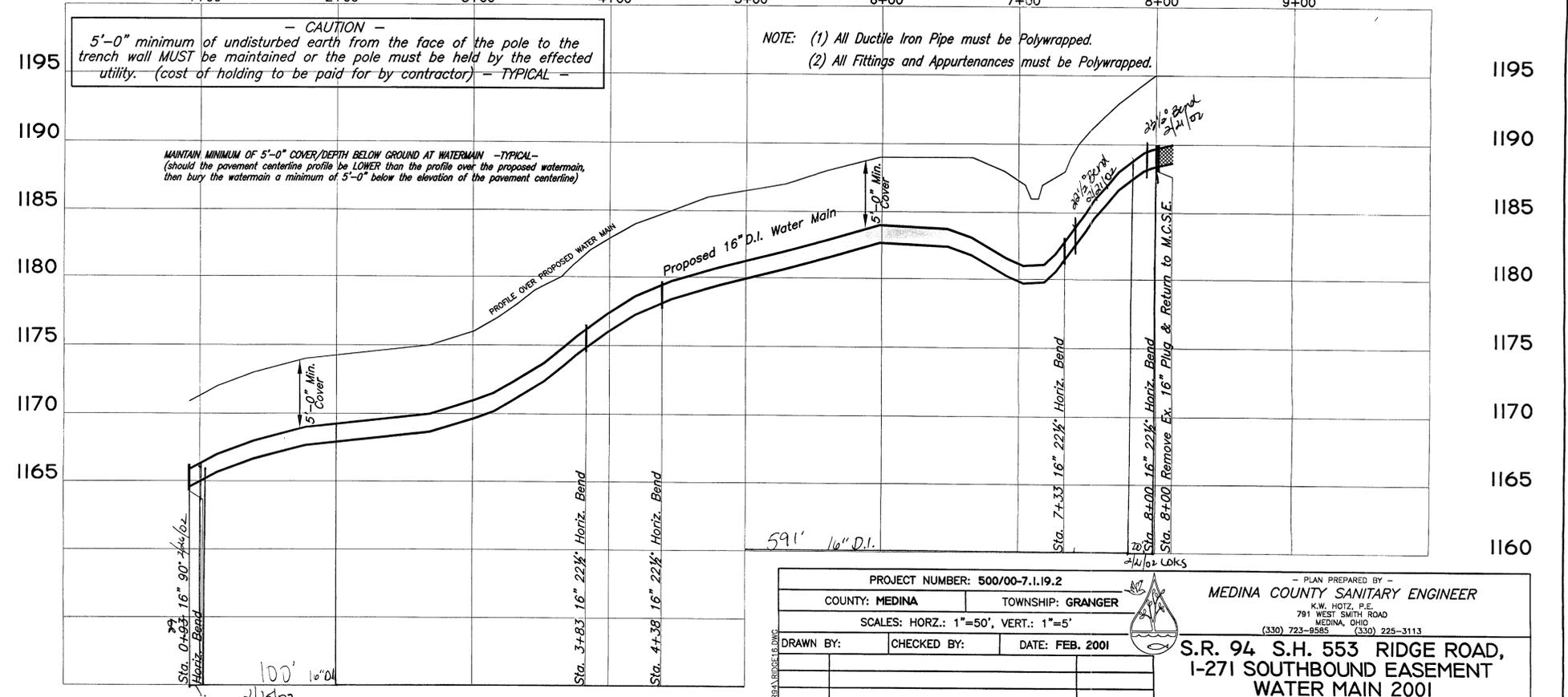
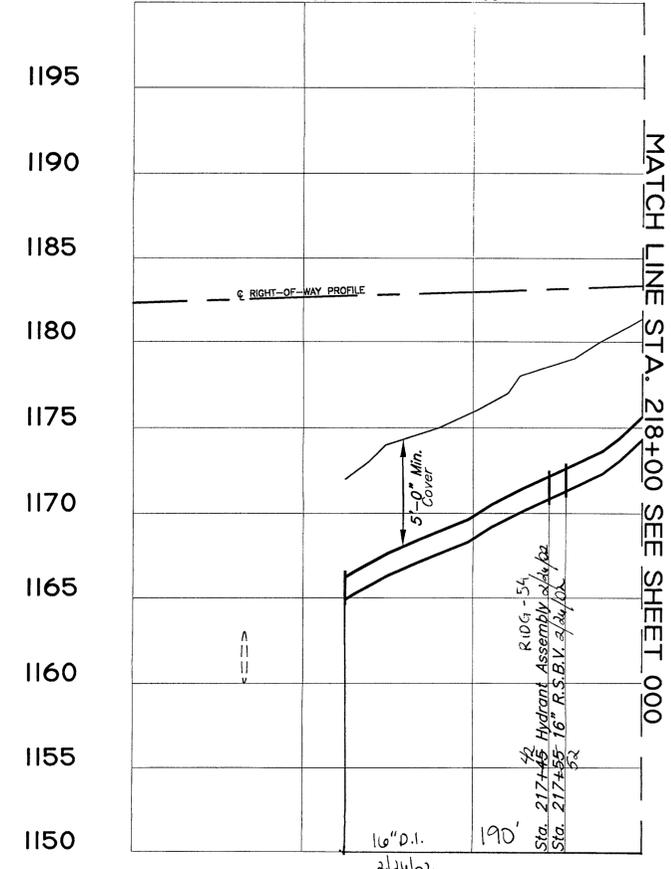


PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: FEB. 2001	S.R. 94 S.H. 553 RIDGE ROAD, I-271 NORTHBOUND EASEMENT WATER MAIN 2001
10/2001	ADDENDUM	KJ	WATER DISTRICT 500
DATE	DESCRIPTION	BY	STA. 206+00 TO STA. 206+74 STA. 1+00 TO STA. 9+82
			SHEET 17 OF 30



S.R. 94 RIDGE ROAD 60'
216+00 217+00

INTERSTATE 271 SOUTHBOUND EASEMENT 20'
1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00



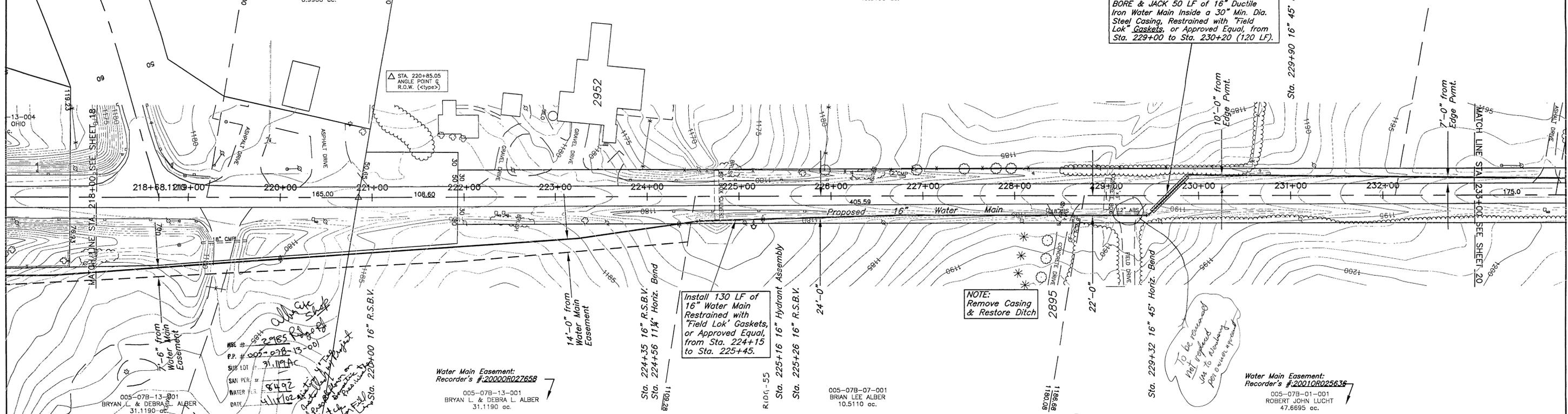
PROJECT NUMBER: 500/00-7.1.19.2		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: FEB. 2001	S.R. 94 S.H. 553 RIDGE ROAD, 1-271 SOUTHBOUND EASEMENT WATER MAIN 2001
10/2001	ADDENDUM	KJ	
DATE	DESCRIPTION	BY	WATER DISTRICT 500
			STA. 0+00 TO STA. 7+65.25 STA. 215+00 TO STA. 218+00
			SHEET 18 OF 30

C.H. 37 REMSEN RD.

005-07A-13-003
DENNIS S. & IRENE J. ALBER
31.3900 ac.

005-07A-13-002
C-STORE MANAGEMENT CO.
0.9900 ac.

005-07A-13-001
DENNIS S. & IRENE J. ALBER
49.5190 ac.

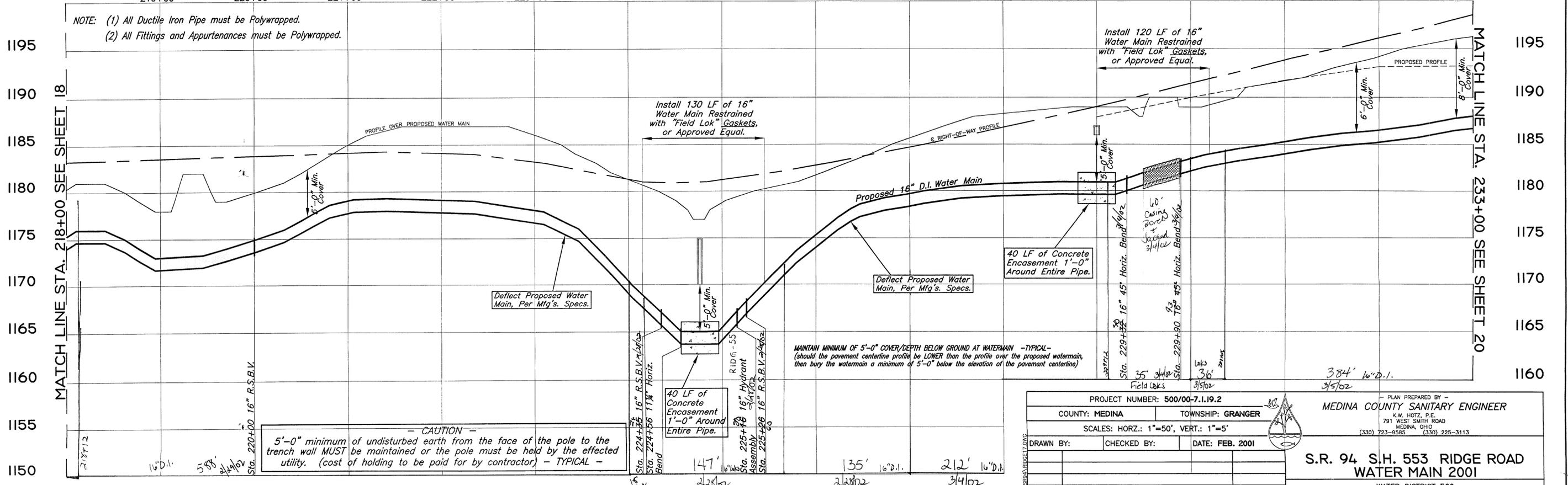


S.R. 94

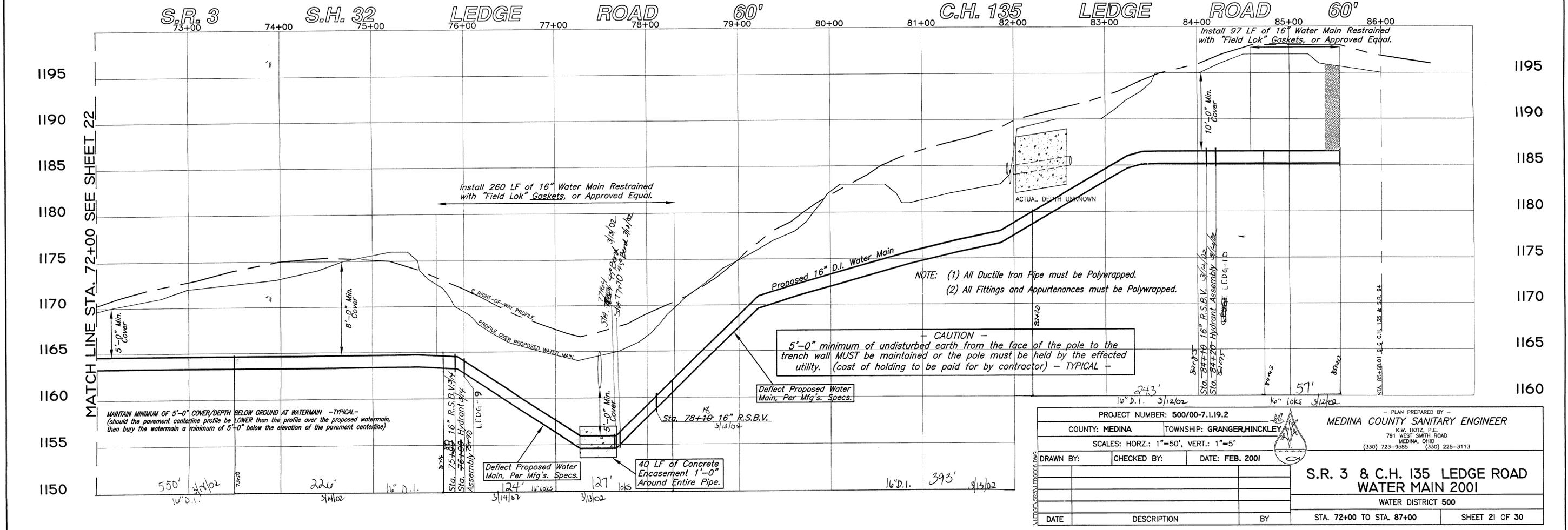
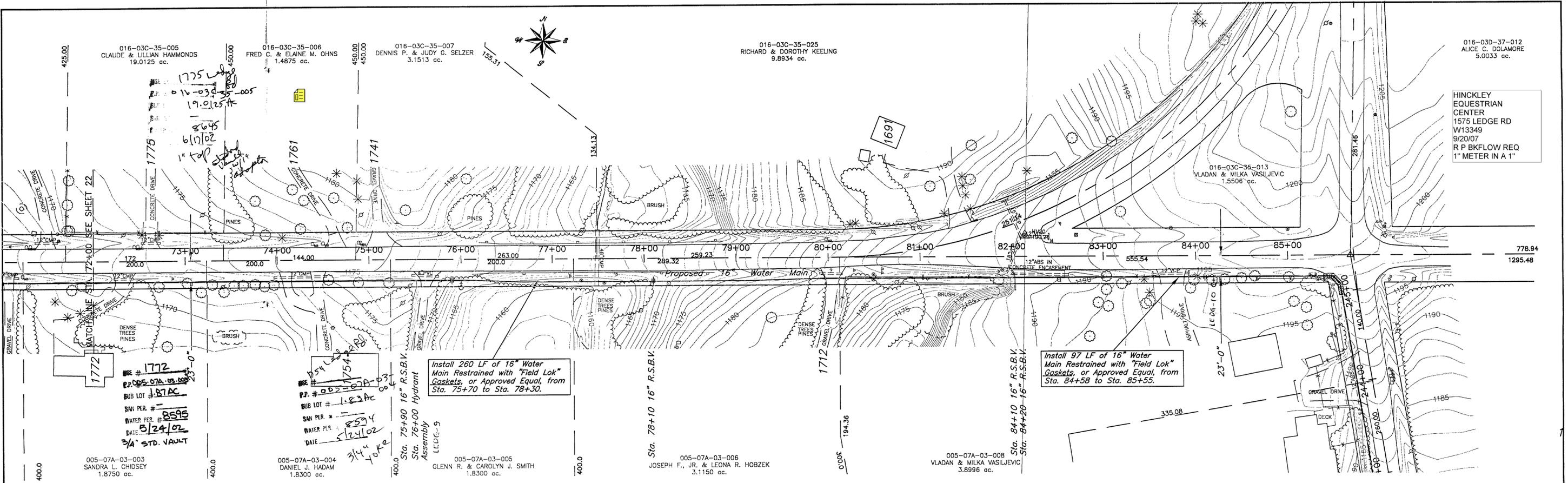
S.H. 553

RIDGE ROAD

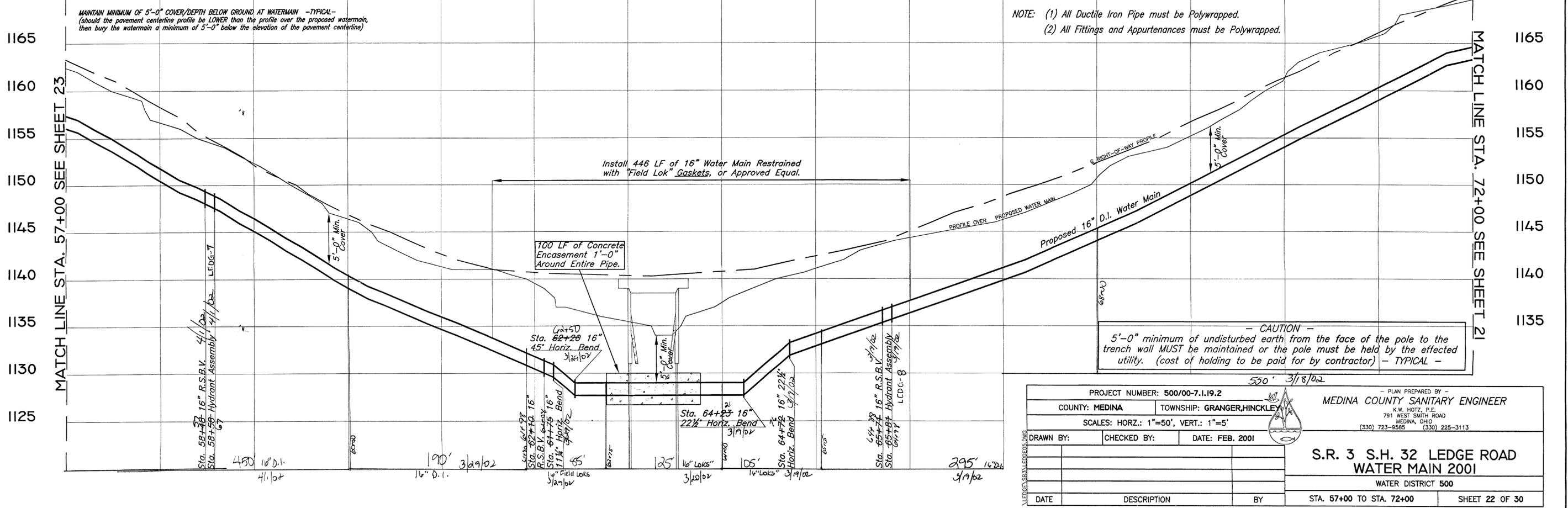
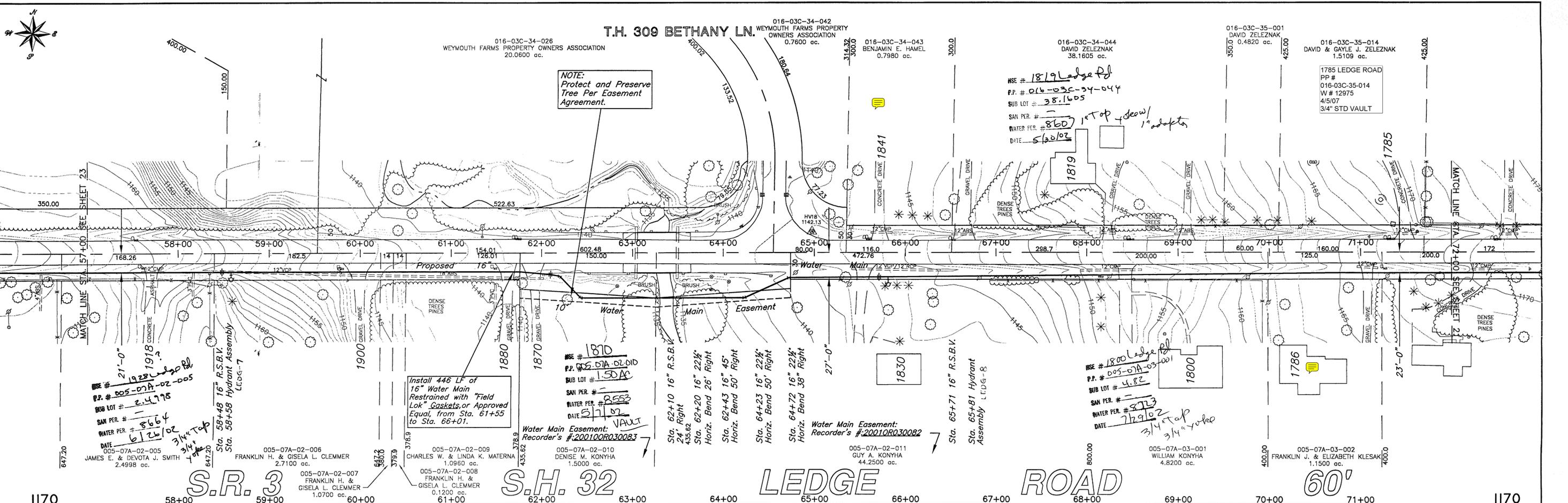
60'



PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY -		
COUNTY: MEDINA			TOWNSHIP: GRANGER		
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			MEDINA COUNTY SANITARY ENGINEER		
DRAWN BY:			K.W. HOTZ, P.E.		
CHECKED BY:			791 WEST SMITH ROAD		
DATE: FEB. 2001			MEDINA, OHIO		
			(330) 723-9585 (330) 225-3113		
			S.R. 94 S.H. 553 RIDGE ROAD		
			WATER MAIN 2001		
			WATER DISTRICT 500		
			STA. 218+00 TO STA. 233+00		
			SHEET 19 OF 30		



PROJECT NUMBER: 500/00-7.1.19.2		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER, HINCKLEY	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: FEB. 2001	
S.R. 3 & C.H. 135 LEDGE ROAD WATER MAIN 2001		WATER DISTRICT 500	
STA. 72+00 TO STA. 87+00		SHEET 21 OF 30	
DATE	DESCRIPTION	BY	



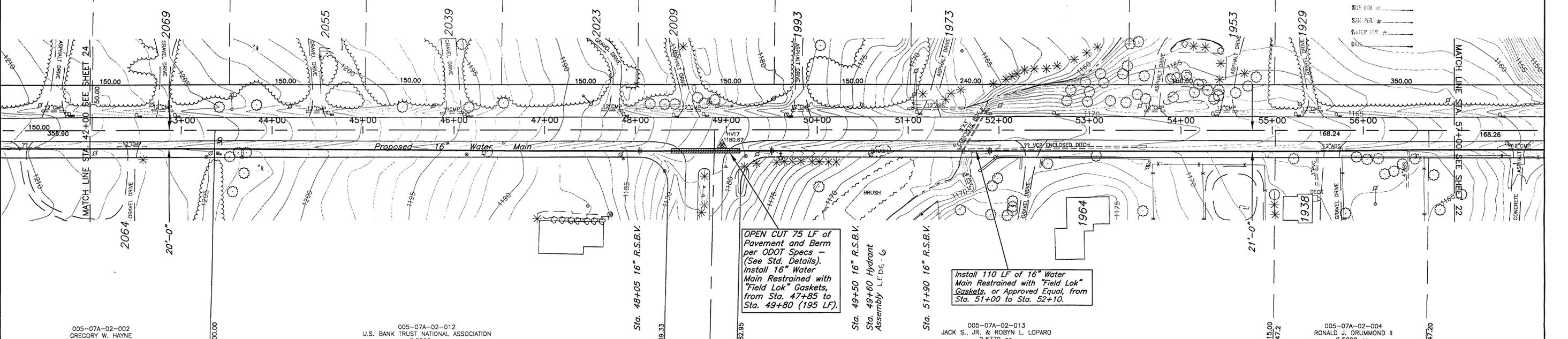
PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: GRANGER, HINCKLEY	
K.W. HOTZ, P.E. 781 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113			
SCALE: HORZ.: 1"=50', VERT.: 1"=5'	DATE: FEB. 2001	S.R. 3 S.H. 32 LEDGE ROAD WATER MAIN 2001	
WATER DISTRICT 500		STA. 57+00 TO STA. 72+00	
SHEET 22 OF 30			



016-03C-34-017 GEORGE R. & JOANN P. COYNE 1.3800 ac.
 016-03C-34-018 JACK C. & LYNN R. KOTT 1.3800 ac.
 016-03C-34-019 CHARLES W. & MARY ANN SPELIC 1.3800 ac.
 016-03C-34-020 CHERYL A. HARTING 1.3800 ac.
 016-03C-34-021 ALAN J. & LUCINDA T. WOLF 1.3800 ac.
 016-03C-34-022 ETER D. & CORINNE A. HARTWELL 1.3800 ac.
 016-03C-34-023 ROBERT J. & DENISE M. TADDIE 2.2000 ac.
 016-03C-34-024 ADAM R. & DANIELLE A. BECKLER 1.4700 ac.
 016-03C-34-025 TINA MARIE SMITH 1.9800 ac.

2009 LEDGE RD.
 PP #
 016-03C-34-021
 W # 12154
 3/10/06

NS#
 P.P.#
 SUR ECH #
 SUR P.R.#
 WATER P.R.#
 DITCH



OPEN CUT 75 LF of
 Pavement and Berm
 per ODOT Specs
 (See Std. Details).
 Install 16" Water
 Main Restrained with
 "Field Lok" Gaskets,
 from Sta. 47+35 to
 Sta. 49+80 (195 LF).

Install 110 LF of 16" Water
 Main Restrained with "Field Lok"
 Gaskets, or Approved Equal, from
 Sta. 51+00 to Sta. 52+10.

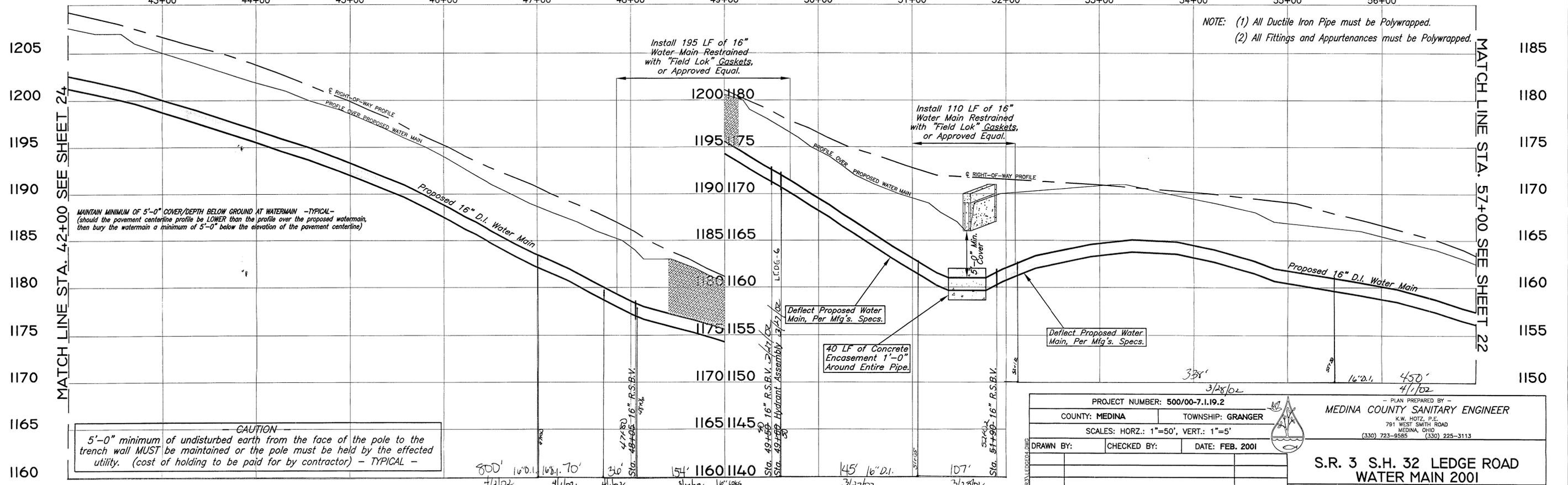
005-07A-02-002
 GREGORY W. HAYNE
 21.7000 ac.

005-07A-02-012
 U.S. BANK TRUST NATIONAL ASSOCIATION
 2.2909 ac.

005-07A-02-013
 JACK S., JR. & ROBYN L. LOPARO
 2.8779 ac.

005-07A-02-004
 RONALD J. DRUMMOND II
 2.5002 ac.

S.R. 3 S.H. 32 T.H. 424 WOODHAVEN DR. LEDGE ROAD 60'



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain,
 then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the
 trench wall MUST be maintained or the pole must be held by the
 utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. HOIZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		DATE: FEB. 2001	
DRAWN BY:	CHECKED BY:	DATE: FEB. 2001	
S.R. 3 S.H. 32 LEDGE ROAD		WATER DISTRICT 500	
WATER MAIN 2001		STA. 42+00 TO STA. 57+00	
SHEET 23 OF 30			

T.H. 48 STONY HILL RD.



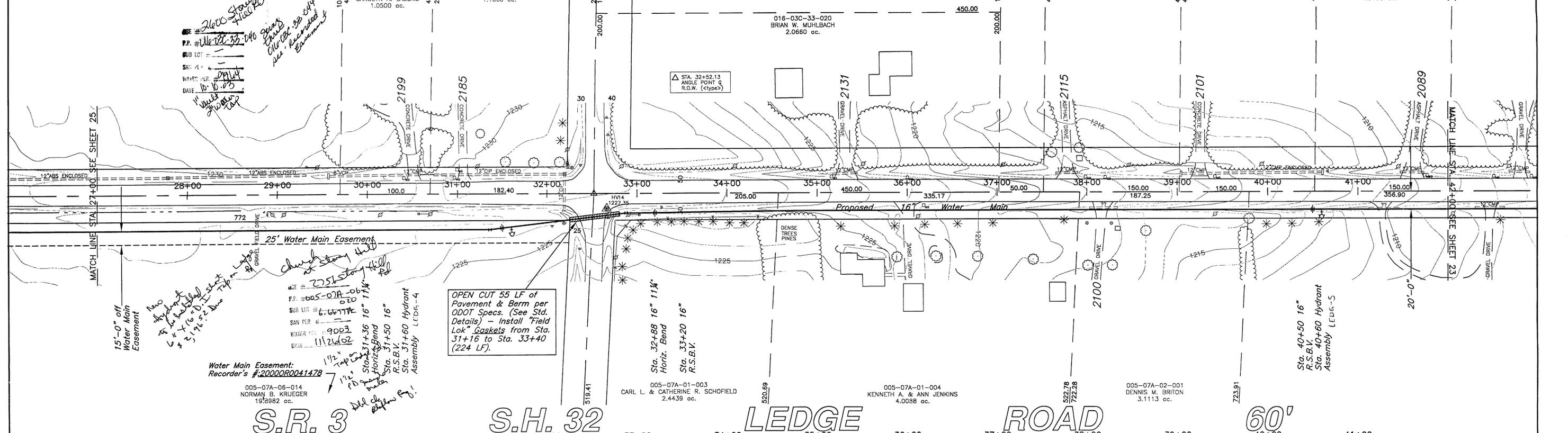
2600 Stony Hill Rd
 P.P. # 016-03-33-018
 SUB LOT # 1
 SALES PER # 10/10/05
 DATE 10/10/05
 WATERSHIP # 10/10/05
 10/10/05

016-03-33-018 JOSEPH F., JR. & CAROLYN A. LASCKO 1.0500 ac.
 016-03-33-019 JAMES A. & VANESSA P. BAIERA 1.1660 ac.

016-03-33-035 WEYMOUTH FARMS PROPERTY OWNERS ASSOCIATION 17.2033 ac.
 016-03-33-034 THOMAS M. & LYNN L. BRAHLER 1.5495 ac.

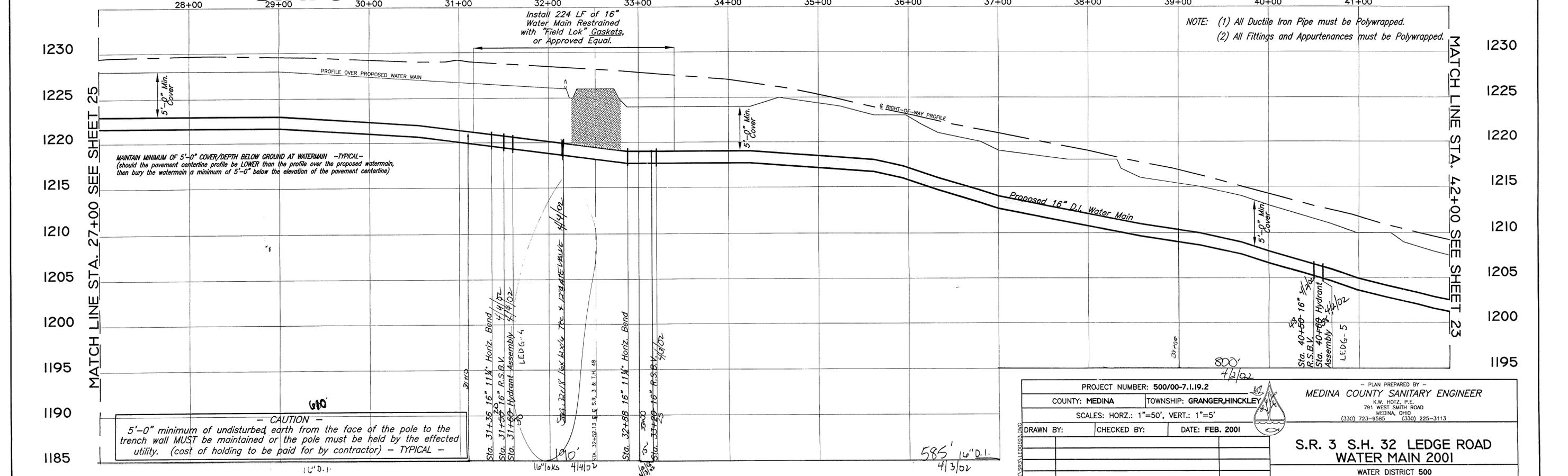
016-03-34-015 DAVID B. & REGINA M. GULLEY 1.5495 ac.

016-03-34-016 DONALD PAUL & SHARON E. WORKMAN 1.5495 ac.



25' Water Main Easement
 Recorder's # 20000R0041478
 005-07A-06-014 NORMAN B. KRUEGER 198982 ac.

OPEN CUT 55 LF of Pavement & Berm per ODOT Specs. (See Std. Details) - Install "Field Lok" Gaskets from Sta. 31+16 to Sta. 33+40 (224 LF).



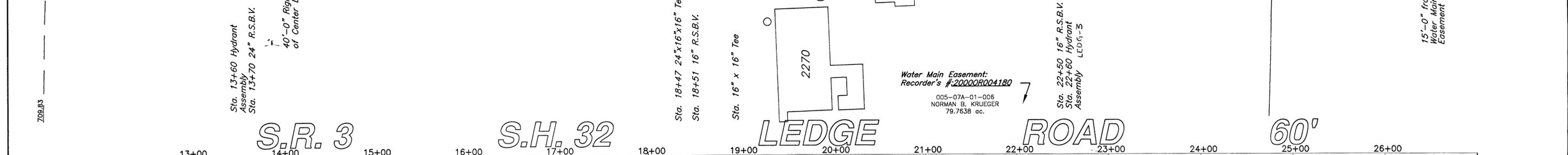
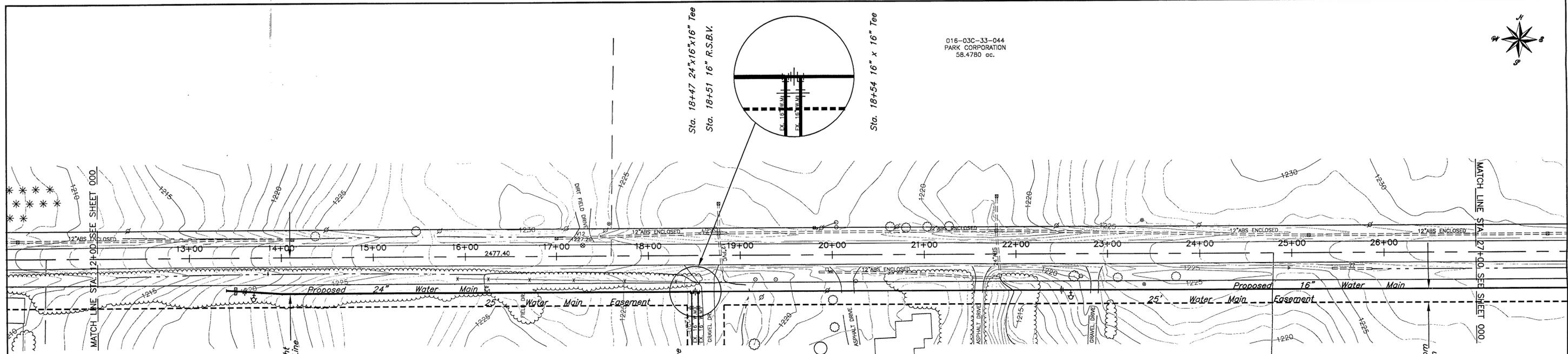
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY -		
COUNTY: MEDINA		TOWNSHIP: GRANGER, HINCKLEY		MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'					
DRAWN BY: _____ CHECKED BY: _____ DATE: FEB. 2001					
DATE DESCRIPTION BY					
S.R. 3 S.H. 32 LEDGE ROAD WATER MAIN 2001					
WATER DISTRICT 500					
STA. 27+00 TO STA. 42+00			SHEET 24 OF 30		



016-030-33-044
PARK CORPORATION
58.4780 ac.



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

Sta. 13+40 24" Restrainted Pipe Test @ 150 PSI
Sta. 13+50 Restrainted Concrete Blocking 4/10/02
Sta. 13+60 Hydrant Assembly 4/10/02
Sta. 13+70 24" R.S.B.V. 4/10/02

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

Sta. 18+47 24"x16"x16" Tee
Sta. 18+51 16" R.S.B.V.
Sta. 18+54 16"x16" Tee

340' 16"D.I.
4/8/02

Sta. 22+50 16" R.S.B.V. 4/8/02
Sta. 22+60 Hydrant Assembly 4/8/02
L.F.D.G.-3

610' 16"D.I.
4/4/02

PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: MEDINA, GRANGER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: MARCH 2001	
DATE:	DESCRIPTION:	BY:	STA. 12+00 TO STA. 27+00
			SHEET 25 OF 30

TITLE
S.R. 3 S.H. 32 LEDGE ROAD
WATER MAIN 2001

WATER DISTRICT 500



005-07A-33-006
HIGHLAND BOARD OF EDUCATION
30.7200 ac.

Sta. 7+16 12" Restrained Plug
(Test @ 150 PSI)
Sta. 7+11 Restrained Concrete
Blocking
Sta. 7+01 12" R.W.G.V
Sta. 6+91 Hydrant Assembly

Water Main Easement:
Recorder's #

27'-0" from
Edge Pymt.

5'-0" Water Main
Easement with Pipe
in Center.

Sta. 0+59 12" R.W.G.V

005-07C-05-002
DIANA J. HALL
90.4710 ac.

005-07C-05-004
HIGHLAND BOARD OF EDUCATION
14.0010 ac.

005-07C-05-004
BOARD OF EDUCATION OF GRANGER TOWNSHIP
6.2500 ac.

C.H. 66

WILBUR

ROAD

60'

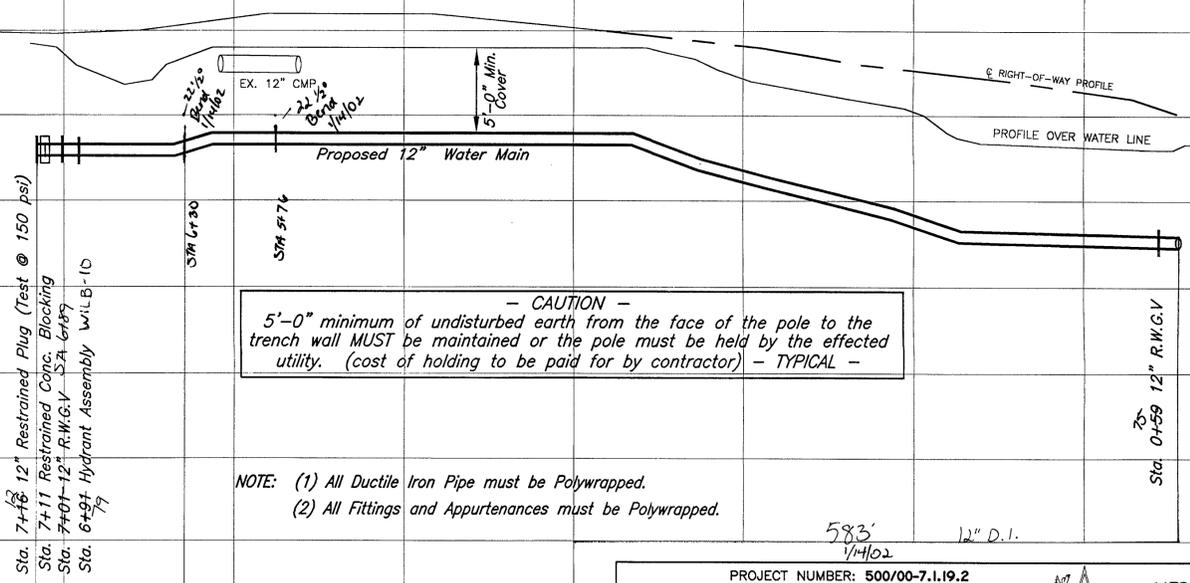
S.R. 94 RIDGE RD.

9+00 8+00 7+00 6+00 5+00 4+00 3+00 2+00 1+00 0+00

1110
1105
1100
1095
1090
1085
1080
1075
1070
1065

1110
1105
1100
1095
1090
1085
1080
1075

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
(should the pavement centerline profile be LOWER than the profile over the proposed watermain,
then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)



- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

Sta. 7+16 12" Restrained Plug (Test @ 150 psi)
Sta. 7+11 Restrained Conc. Blocking
Sta. 7+01-12" R.W.G.V Sta. 6+91
Sta. 6+91 Hydrant Assembly WILB-10

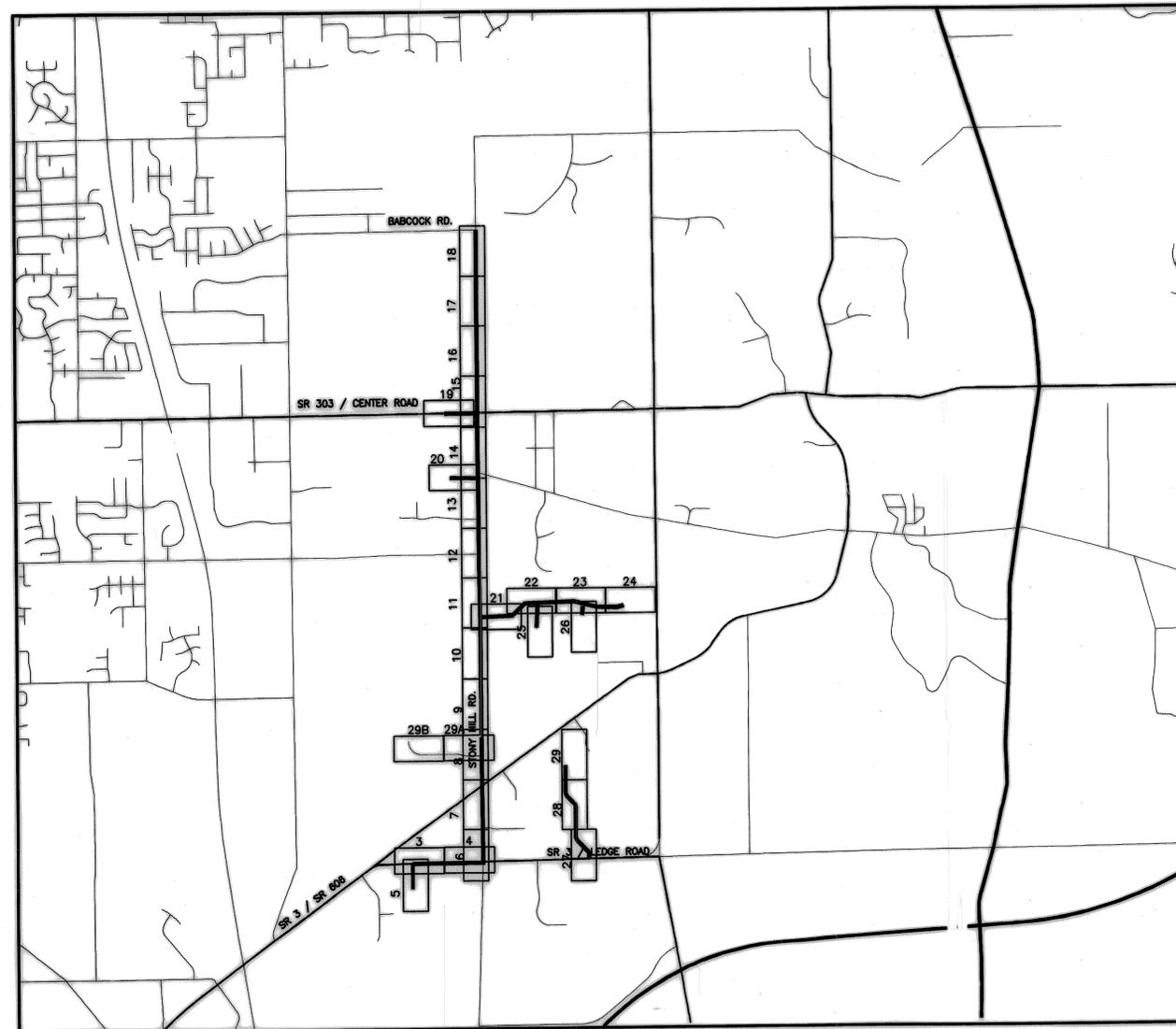
Sta. 0+59 12" R.W.G.V

PROJECT NUMBER: 500/00-7.1.19.2		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. NOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		C.H. 66 WILBUR ROAD WATER MAIN 2001	
DRAWN BY:	CHECKED BY:	DATE: AUG. 2001	WATER DISTRICT 500
DATE	DESCRIPTION	BY	STA. 7+16 TO STA. 0+00
			SHEET 26 OF 30

HINCKLEY TOWNSHIP WATER LINE PROJECT 2005

for

STONY HILL ROAD, STONERIDGE SUBDIVISION, CENTER ROAD, LEDGE ROAD & BETHANY LANE MEDINA COUNTY, OHIO



SCALE 2" = 1 MILE

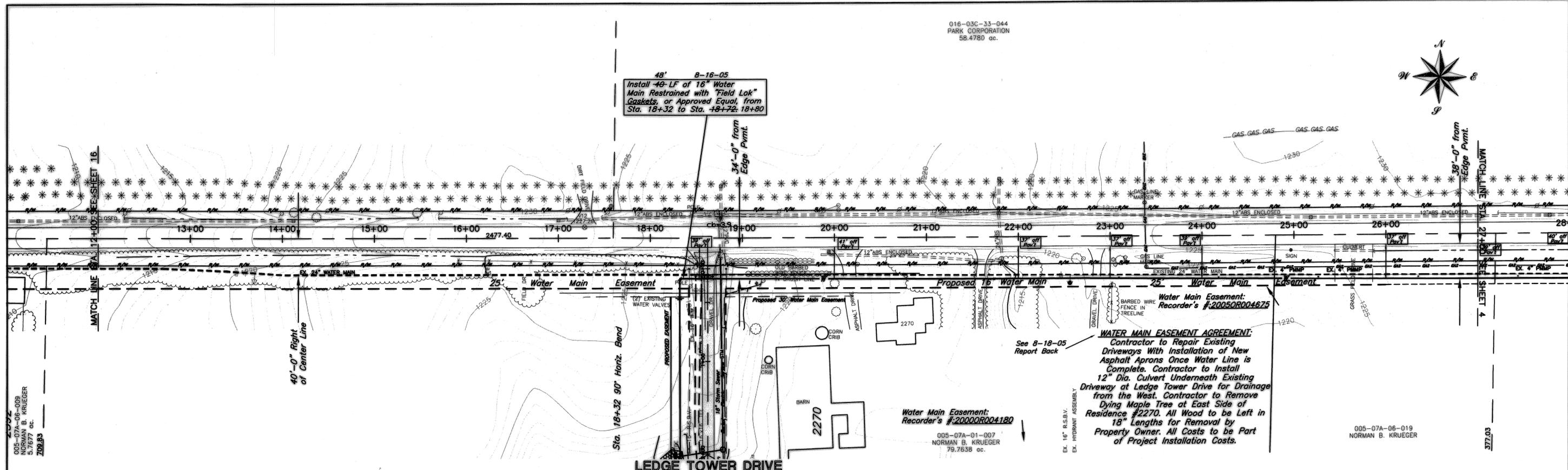


Kenneth W. Hotz, P.E. Reg. No. 26452 Date

INDEX OF DRAWINGS

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1.....	COVER SHEET
2.....	GENERAL NOTES
3.....	PLAN and PROFILE: sta. 18+32 to 27+00 Ledge Road
4.....	PLAN and PROFILE: sta. 27+00 to 32+76 Ledge Road
5.....	PLAN and PROFILE: sta. 0+00 to 4+00 Ledge Road Site Plan
6.....	PLAN and PROFILE: sta. 120+68 to 133+00 Stony Hill Road
7.....	PLAN and PROFILE: sta. 133+00 to 150+00 Stony Hill Road
8.....	PLAN and PROFILE: sta. 150+00 to 165+00 Stony Hill Road
9.....	PLAN and PROFILE: sta. 165+00 to 180+00 Stony Hill Road
10.....	PLAN and PROFILE: sta. 180+00 to 195+00 Stony Hill Road
11.....	PLAN and PROFILE: sta. 195+00 to 210+00 Stony Hill Road
12.....	PLAN and PROFILE: sta. 210+00 to 225+30 Stony Hill Road
13.....	PLAN and PROFILE: sta. 225+30 to 240+00 Stony Hill Road
14.....	PLAN and PROFILE: sta. 240+00 to 255+00 Stony Hill Road
15.....	PLAN and PROFILE: sta. 255+00 to 270+00 Stony Hill Road
16.....	PLAN and PROFILE: sta. 270+00 to 285+00 Stony Hill Road
17.....	PLAN and PROFILE: sta. 285+00 to 300+00 Stony Hill Road
18.....	PLAN and PROFILE: sta. 300+00 to 310+20 Stony Hill Road
19.....	PLAN and PROFILE: sta. 47+43 to 57+44 Center Road
19A.....	PLAN and PROFILE: sta. 20+00 to 28+00 Center Road
19B.....	PLAN and PROFILE: sta. 28+00 to 43+00 Center Road
20.....	PLAN and PROFILE: sta. 2+30 to 11+21 Tank Site
21.....	PLAN and PROFILE: sta. 10+0 to 22+00 Stoneridge Road
22.....	PLAN and PROFILE: sta. 22+00 to 34+00 Stoneridge Road
23.....	PLAN and PROFILE: sta. 34+00 to 44+00 Stoneridge Road
24.....	PLAN and PROFILE: sta. 44+00 to 55+90 Stoneridge Road
25.....	PLAN and PROFILE: sta. 1+00 to 6+48 Pine Ridge Trail
26.....	PLAN and PROFILE: sta. 1+00 to 5+09 Autumn Brook Drive
26A.....	PLAN and PROFILE: sta. 0+00 to 14+00 Galilee Oval
27.....	PLAN and PROFILE: sta. 0+34 to 10+00 Bethany Lane
28.....	PLAN and PROFILE: sta. 10+00 to 21+00 Bethany Lane
29.....	PLAN and PROFILE: sta. 21+00 to 31+55 Bethany Lane
29A.....	PLAN and PROFILE: sta. 0+00 to 12+50 Canterbury Farm Drive
29B.....	PLAN and PROFILE: sta. 12+50 to 24+31 Canterbury Farm Drive
30.....	TRAFFIC CONTROL PLAN
31.....	STANDARD DETAIL SHEET--WATER MAIN STANDARDS
32.....	EROSION CONTROL and SEDIMENTATION CONTROL
32A.....	OVERALL HYDRANT & VALVE MAP

PROJECT NUMBER: W 300/00-1.1		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: HINCKLEY	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9885 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: APRIL 2005	
DATE		DESCRIPTION	BY
HINCKLEY WATER WATER MAIN 2005			SHEET 1 OF 32
WATER DISTRICT 300			



005-07A-06-009
NORMAN B. KRUEGER
5.7677 ac.
709.B3

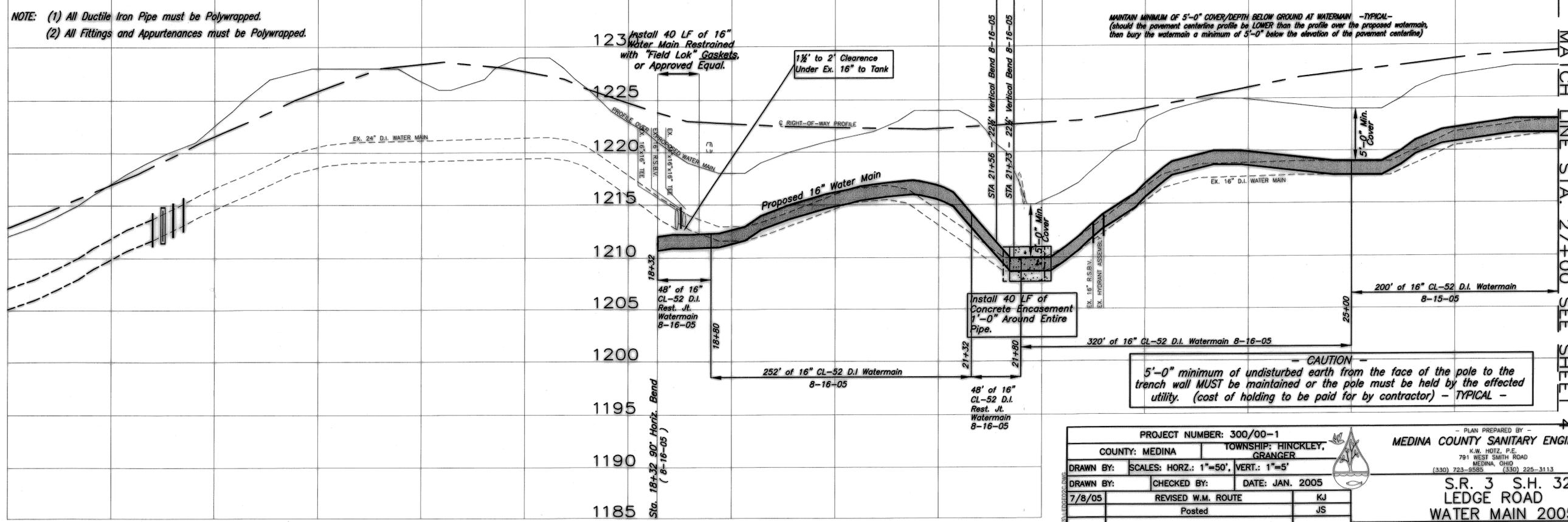
See 8-18-05
Report Back

WATER MAIN EASEMENT AGREEMENT:
Contractor to Repair Existing Driveways With Installation of New Asphalt Aprons Once Water Line is Complete. Contractor to Install 12" Dia. Culvert Underneath Existing Driveway at Ledge Tower Drive for Drainage from the West. Contractor to Remove Dying Maple Tree at East Side of Residence #2270. All Wood to be Left in 18" Lengths for Removal by Property Owner. All Costs to be Part of Project Installation Costs.

Water Main Easement:
Recorder's #2000R004180
005-07A-01-007
NORMAN B. KRUEGER
79.7638 ac.

005-07A-06-019
NORMAN B. KRUEGER

S.R. 3 S.H. 32 LEDGE ROAD 60'



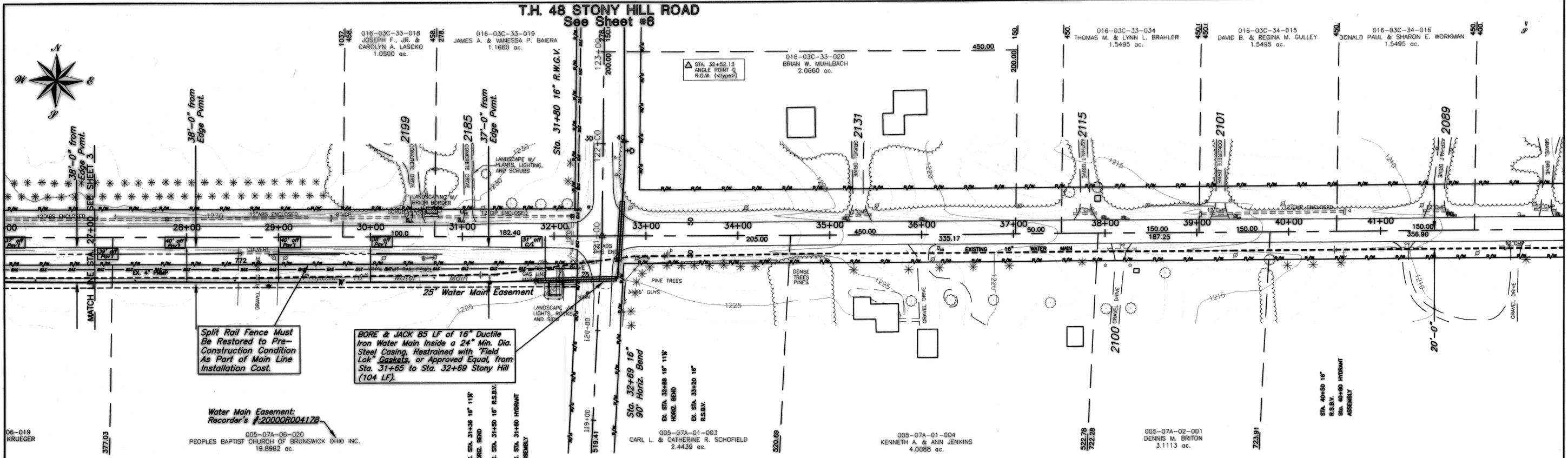
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the affected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 300/00-1		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: HINCKLEY, GRANGER	MEDINA COUNTY SANITARY ENGINEER	
DRAWN BY: SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOIZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9595 (330) 225-3113	
DRAWN BY: 7/8/05	CHECKED BY: REVISD W.M. ROUTE	DATE: JAN. 2005	S.R. 3 S.H. 32 LEDGE ROAD WATER MAIN 2005
	Posted	KJ JS	WATER DISTRICT 300
DATE	DESCRIPTION	BY	STA. 18+00 TO STA. 27+00 SHEET 3 OF 32

T.H. 48 STONY HILL ROAD
See Sheet #6



Split Rail Fence Must Be Restored to Pre-Construction Condition As Part of Main Line Installation Cost.

BORE & JACK 85 LF of 16" Ductile Iron Water Main Inside a 24" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 31+65 to Sta. 32+69 Stony Hill (104 LF).

Water Main Easement: Recorder's #2000R004178

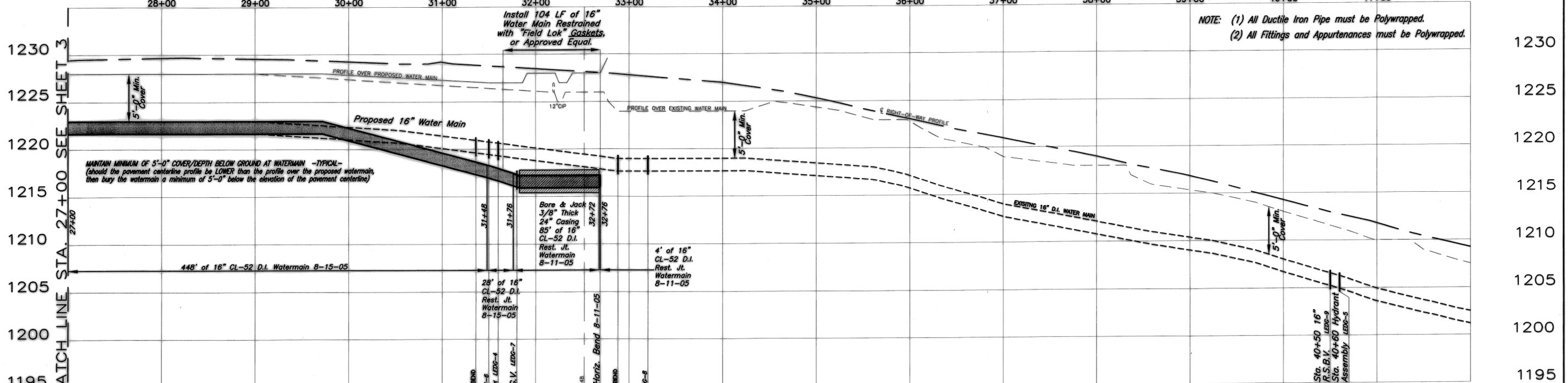
S.R. 3

S.H. 32

LEDGE

ROAD

60'



- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 300/00-1.1		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TWP: GRANGER, HINCKLEY	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-6959 (330) 225-3113	
DRAWN BY: 7/8/05	SCALES: HORZ.: 1"=50', VERT.: 1"=5'	DATE: APRIL 2005	S.R. 3 S.H. 32 LEDGE ROAD WATER MAIN 2005 WATER DISTRICT 300
CHECKED BY:	REVISOR: W.M. ROUTE	DATE:	POSTED:
DATE:	DESCRIPTION:	BY:	DATE:
			STA. 27+00 TO STA. 42+00
			SHEET 4 OF 32

S.R. 3 LEDGE ROAD

See Sheet #4

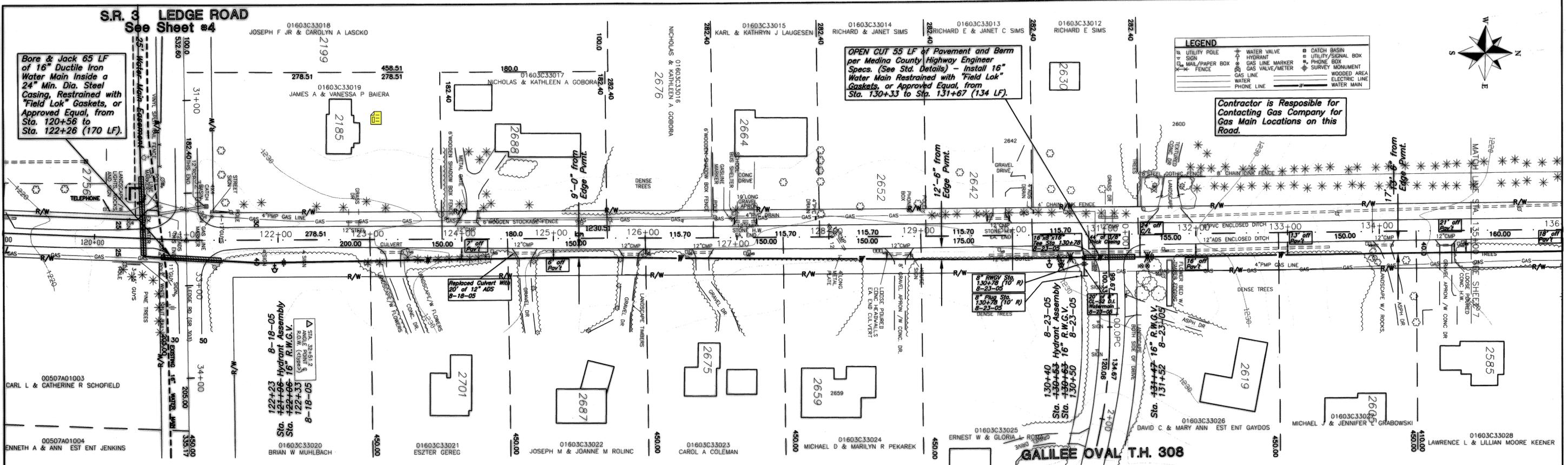
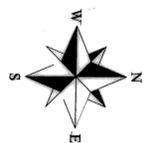
Bore & Jack 65 LF of 16" Ductile Iron Water Main Inside a 24" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 120+56 to Sta. 122+26 (170 LF).

OPEN CUT 55 LF of Pavement and Berm per Medina County Highway Engineer Specs. (See Std. Details) - Install 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 130+33 to Sta. 131+67 (134 LF).

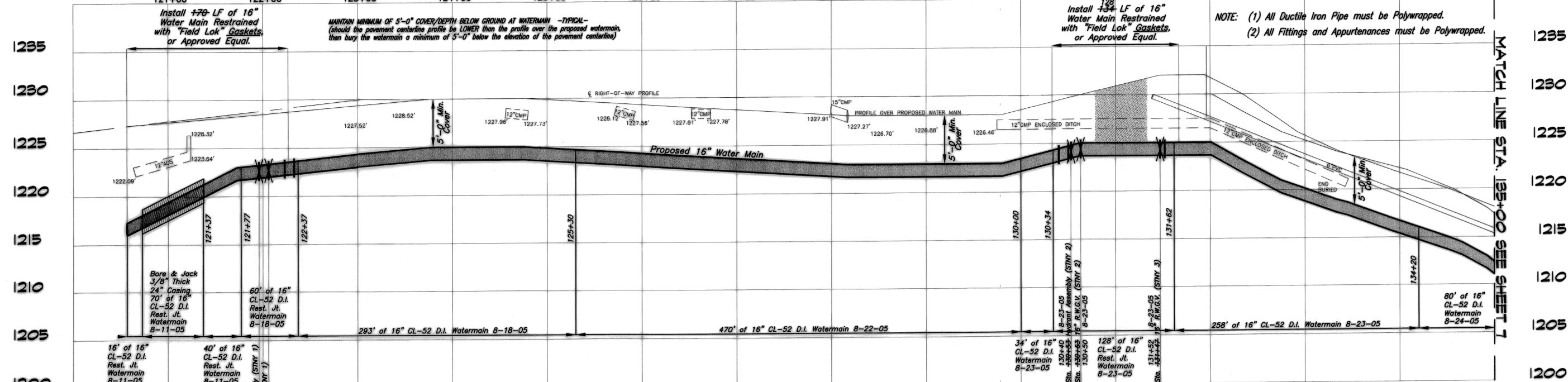
LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
	GAS LINE	WOODED AREA
	WATER	ELECTRIC LINE
	PHONE LINE	WATER MAIN

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.



T.H. 48 STONY HILL RD. (VARIABLE)



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PLAN PREPARED BY -
MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9585 (330) 225-3113

T.H. 48 STONY HILL ROAD WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1

SCALES: HORZ.: 1"=50' VERT.: 1"=5'	DATE: APRIL 2005
COUNTY: MEDINA	TOWNSHIP: HINGKLEY
DRAWN BY: []	CHECKED BY: DHC
FIELD CHECK BY: RW	REVIEWED BY: DHC
7/8/05	REVISOR: KJ
	POSTED: JS
DATE	DESCRIPTION

STA. 120+00 TO STA. 135+00 SHEET 6 OF 32

S.R. 606 WEYMOUTH RD.

LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
	GAS LINE	WOODED AREA
	WATER LINE	ELECTRIC LINE
	PHONE LINE	WATER MAIN

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

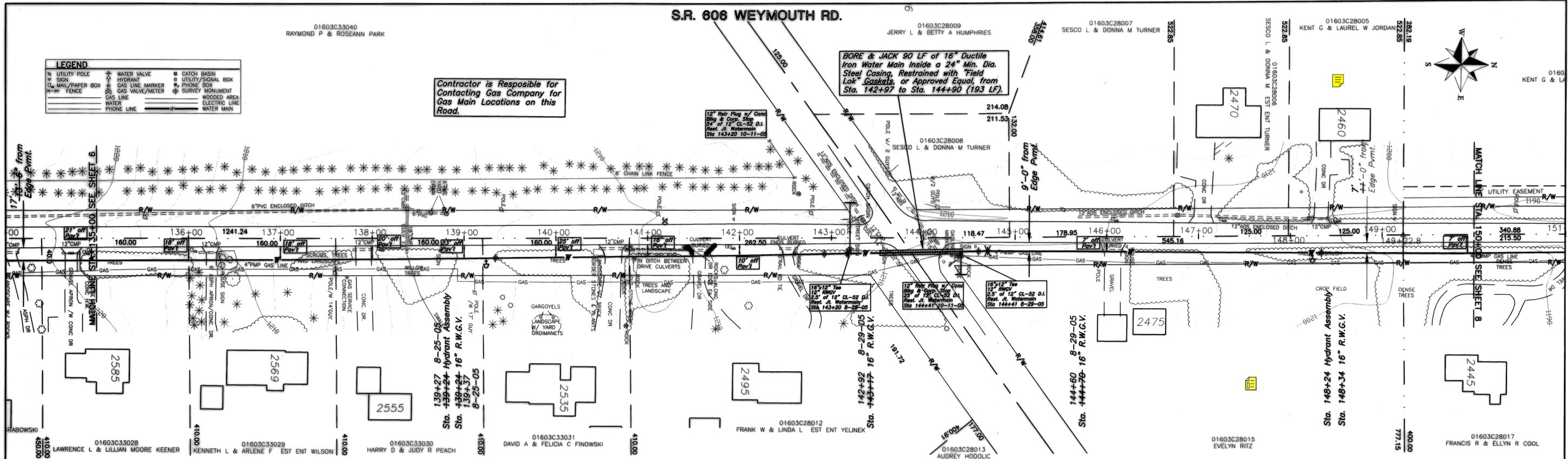
BORE & JACK 90 LF of 16" Ductile Iron Water Main Inside a 24" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 142+97 to Sta. 144+90 (193 LF).

12" R/W Plug w/ Conc. Box & Cap. Stop 54" of 12" CL-52 D.I. Rest. Jt. Watermain Sta. 143+20 10-11-05

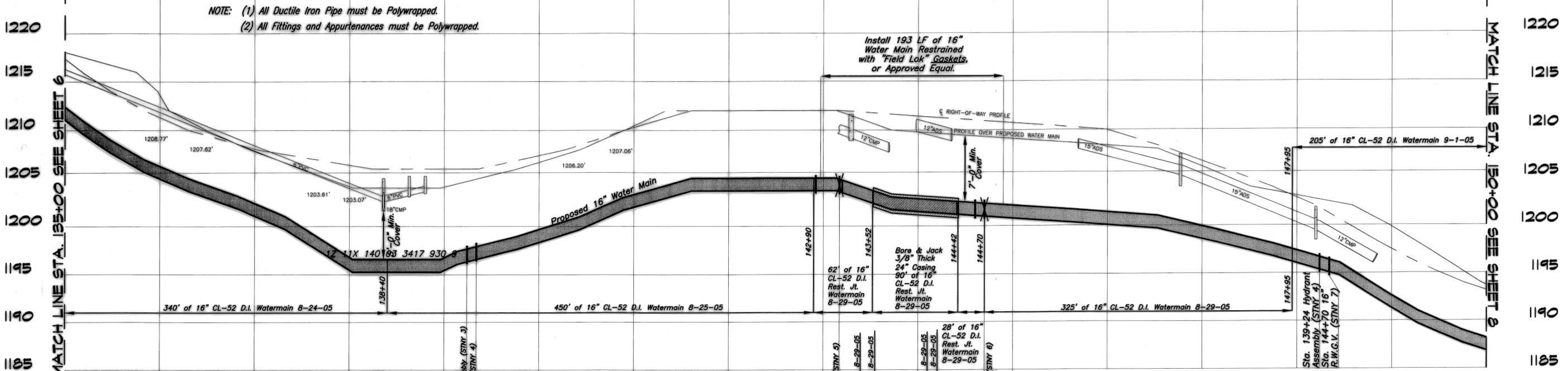
12" R/W Plug w/ Conc. Box & Cap. Stop 25" of 12" CL-52 D.I. Rest. Jt. Watermain Sta. 143+20 8-29-05

12" R/W Plug w/ Conc. Box & Cap. Stop 25" of 12" CL-52 D.I. Rest. Jt. Watermain Sta. 144+41 8-29-05

12" R/W Plug w/ Conc. Box & Cap. Stop 25" of 12" CL-52 D.I. Rest. Jt. Watermain Sta. 144+41 8-29-05



T.H. 48 STONY HILL RD. (VARIABLE)



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL - (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

139+27 Hydrant Assembly (STNY 3)	142+92 Bore & Jack 90 LF of 16" Ductile Iron Water Main Inside a 24" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 142+97 to Sta. 144+90 (193 LF)	143+52 Bore & Jack 3/8" Thick 24" Casing 90' of 16" CL-52 D.I. Rest. Jt. Watermain 8-29-05	144+42 Bore & Jack 3/8" Thick 24" Casing 90' of 16" CL-52 D.I. Rest. Jt. Watermain 8-29-05	144+70 Bore & Jack 3/8" Thick 24" Casing 90' of 16" CL-52 D.I. Rest. Jt. Watermain 8-29-05	147+95 139+24 Hydrant Assembly (STNY 4) Sta. 144+70 16" R.W.G.V. (STNY 7)
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PLANNING & DESIGN/HINCKLEY/STONY HILL.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKLEY

PLANNED BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY: JS

POSTED: JS

PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9585 (330) 225-3113

T.H. 48 STONY HILL ROAD WATER MAIN 2005

PROJECT NUMBER: 300/00-1.1

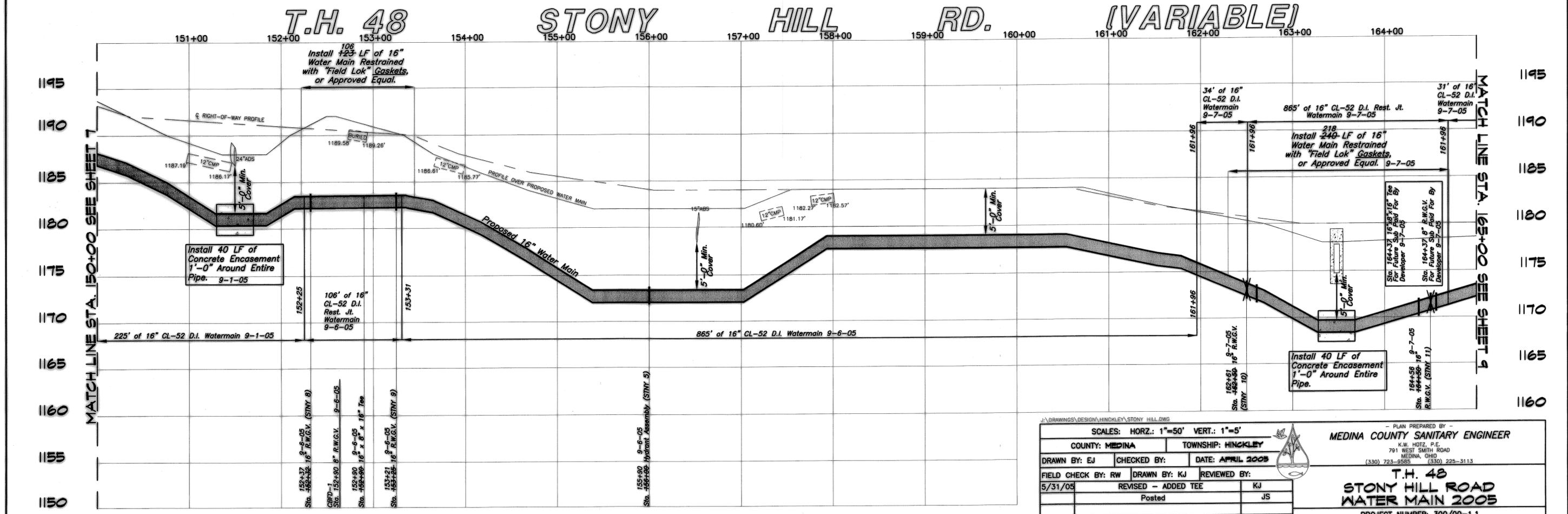
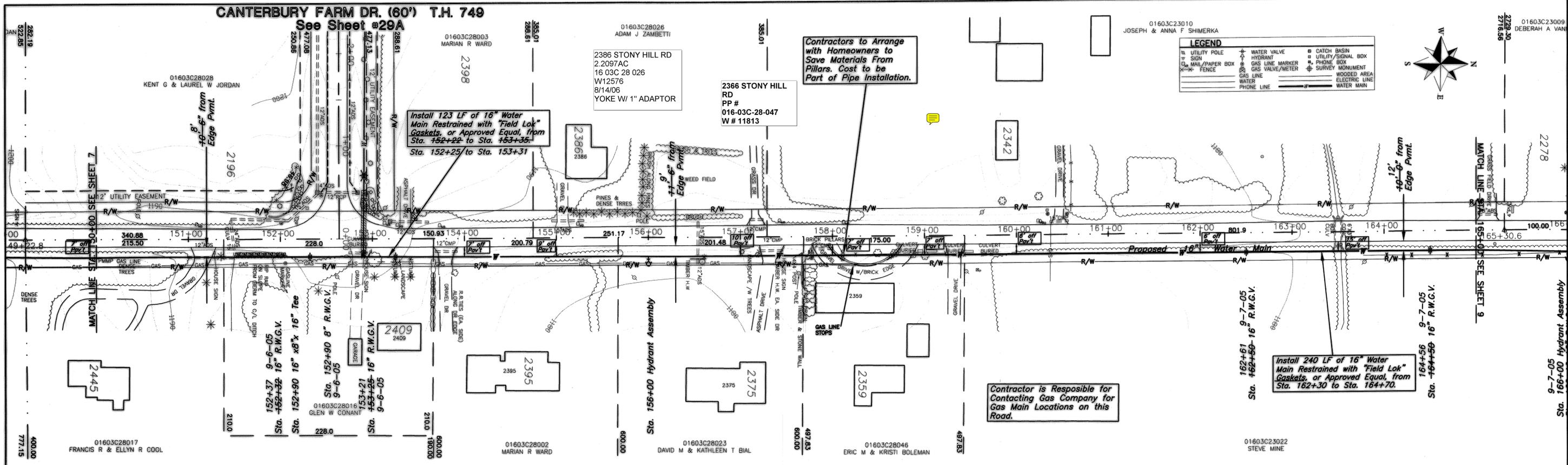
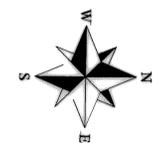
DATE	DESCRIPTION	BY	STA. 135+00 TO STA. 150+00	SHEET 7 OF 32
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CANTERBURY FARM DR. (60') T.H. 749

See Sheet #29A

LEGEND

Utility Pole	Water Valve	Catch Basin
Mail/Paper Box	Hydrant	Utility/Signal Box
Fence	Gas Line Marker	Phone Box
	Gas Valve/Meter	Survey Monument
	Gas Line	Wooded Area
	Water	Electric Line
	Phone Line	Water Main



J:\DRAWINGS\DESIGN\HINKLEY\STONY_HILL.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINKLEY

DESIGNED BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY:

5/31/05 REVISED - ADDED TEE

Posted	KJ
	JS

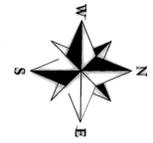
DATE DESCRIPTION BY

PROJECT NUMBER: 300/00-1.1

STA. 150+00 TO STA. 165+00 SHEET 8 OF 32

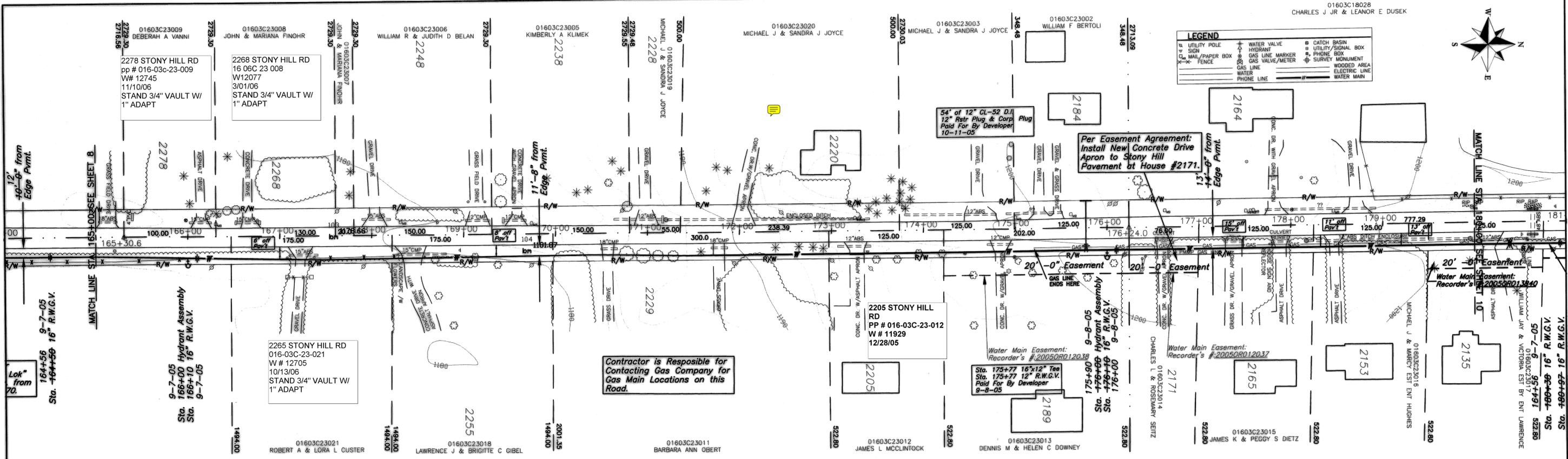
PLAN PREPARED BY -
MEDINA COUNTY SANITARY ENGINEER
 K.W. HOZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9595 (330) 225-3113

T.H. 48
STONY HILL ROAD
WATER MAIN 2005



LEGEND

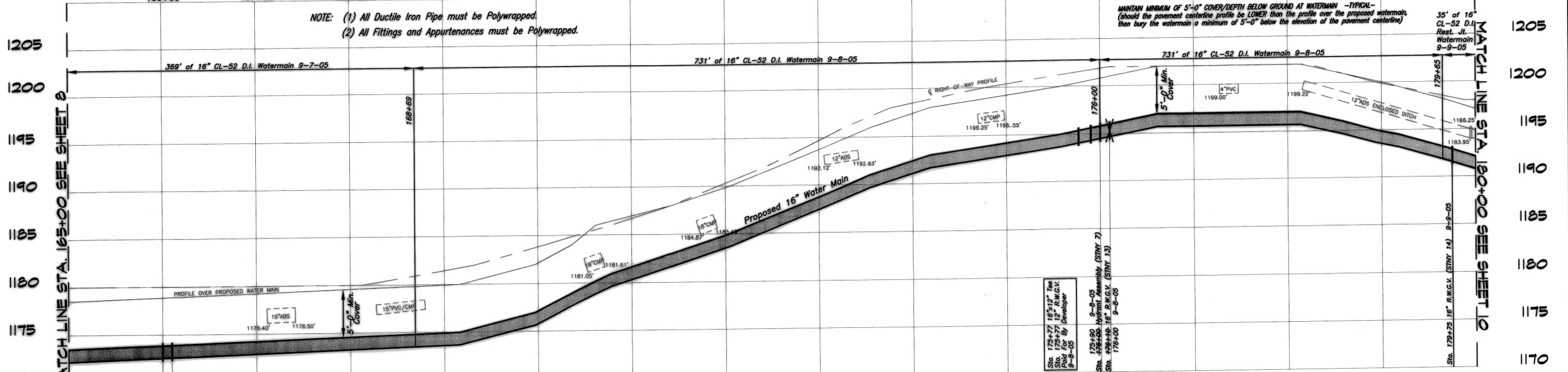
U	UTILITY POLE	W	WATER VALVE	C	CATCH BASIN
S	SIGN	H	HYDRANT	U	UTILITY/SIGNAL BOX
M	MAIL/PAPER BOX	G	GAS LINE MARKER	F	PHONE BOX
F	FENCE	W	WATER VALVE/METER	S	SURVEY MONUMENT
				W	WOODED AREA
				E	ELECTRIC LINE
				W	WATER MAIN



T.H. 48 STONY HILL RD. (VARIABLE)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)



- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINCKEY\STONY HILL.DWG

PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9585 (330) 225-3113

SCALES: HORIZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKEY

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

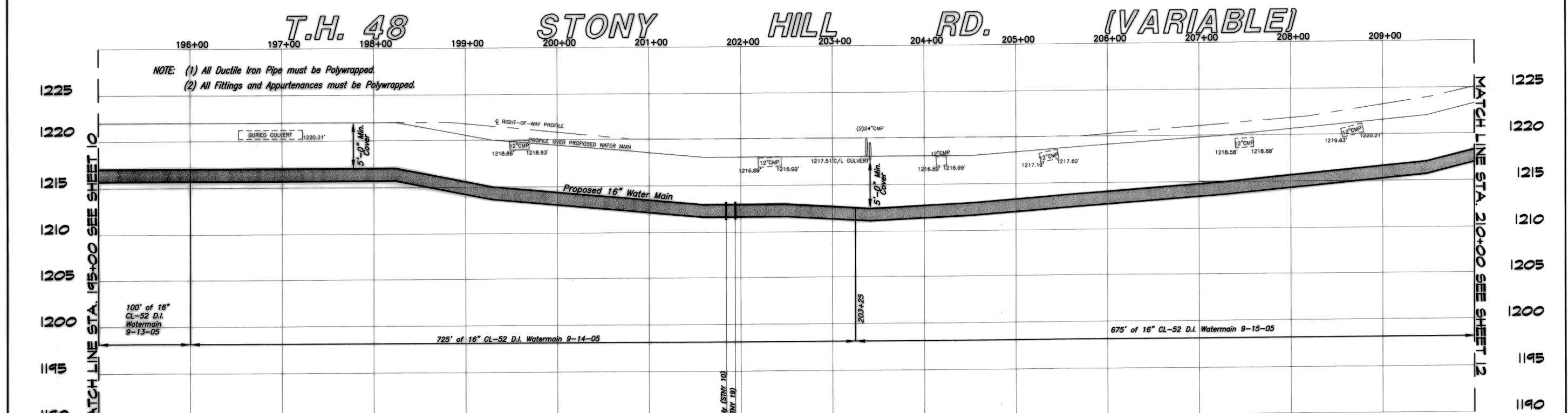
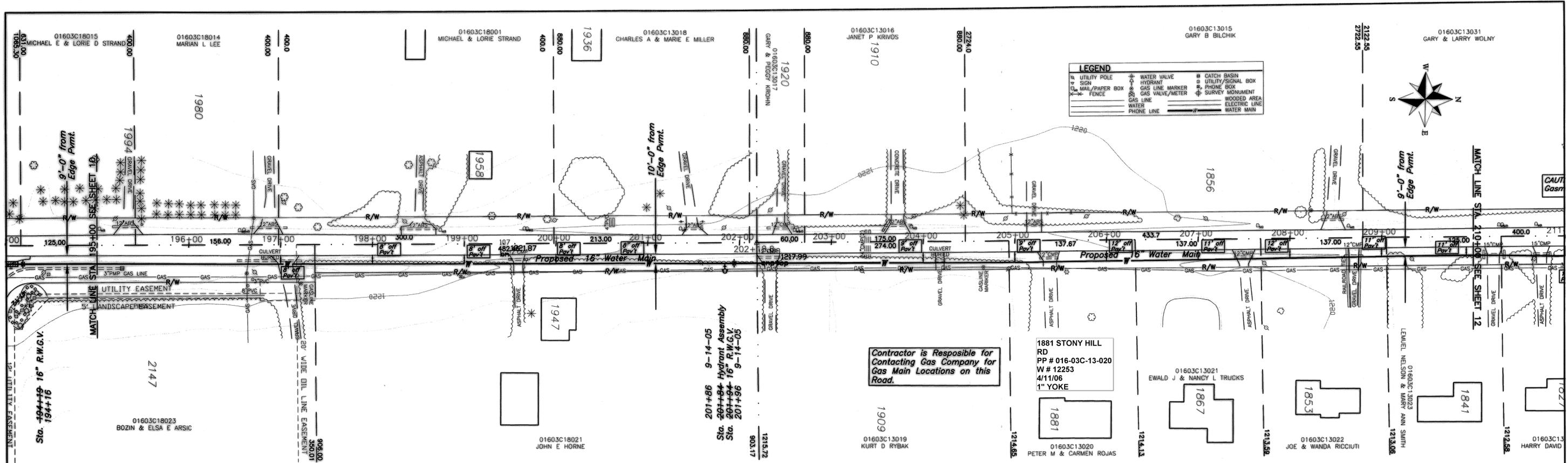
FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY: JS

POSTED

T.H. 48 STONY HILL ROAD WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY

STA. 165+00 TO STA. 180+00 SHEET 9 OF 32



CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall **MUST** be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

Drawings: DESIGN\HINKLEY\STONY HILL.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

PLANNED BY: MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9555 (330) 225-3113

PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY

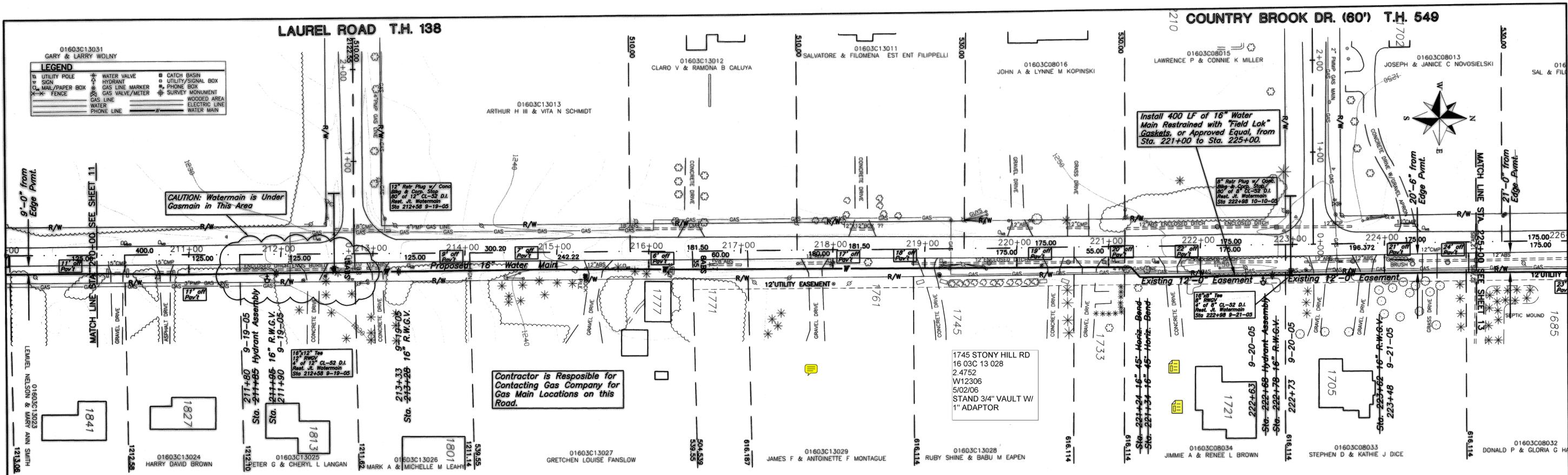
STA. 195+00 TO STA. 210+00 SHEET 11 OF 32

LAUREL ROAD T.H. 138

COUNTRY BROOK DR. (60') T.H. 549

01603C13031
GARY & LARRY WOLNY

LEGEND	
○	UTILITY POLE
□	WATER VALVE
+	HYDRANT
×	GAS VALVE/METER
○	PHONE BOX
○	WOODED AREA
○	ELECTRIC LINE
○	PHONE LINE
○	WATER MAIN
○	CATCH BASIN
○	UTILITY/SIGNAL BOX
○	PHONE BOX
○	GAS VALVE/METER
○	SURVEY MONUMENT
○	WOODED AREA
○	ELECTRIC LINE
○	PHONE LINE
○	WATER MAIN



CAUTION: Watermain is Under Gasmain in This Area

Install 400 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 221+00 to Sta. 225+00.

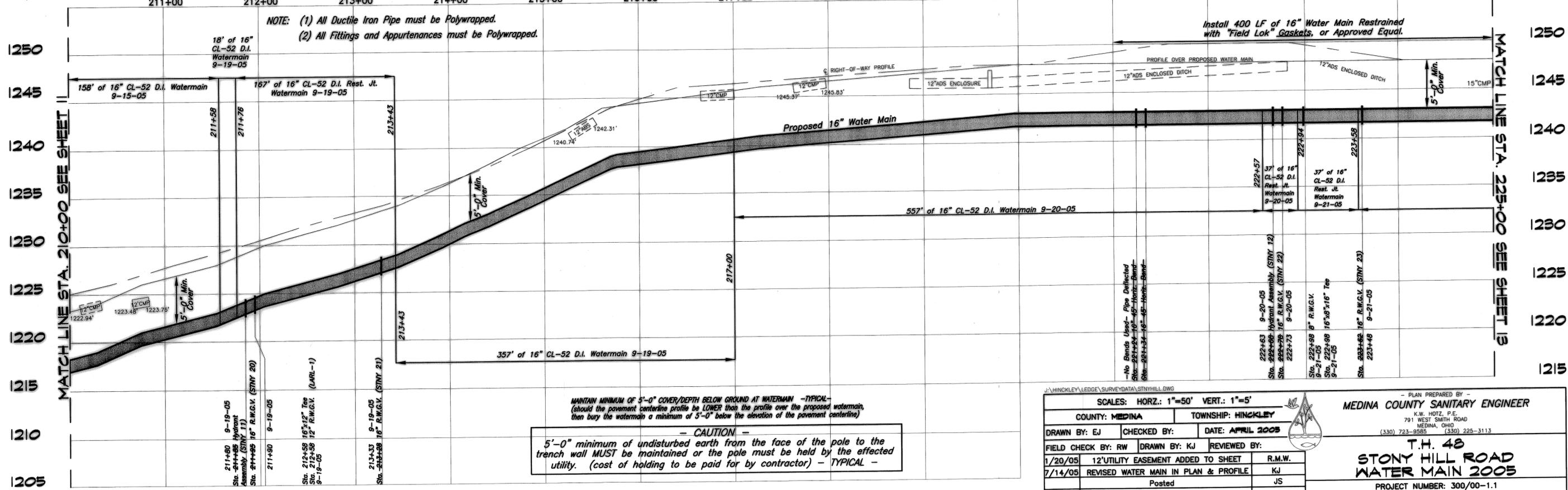
Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

1745 STONY HILL RD
16 03C 13 028
2.4752
W12306
5/02/06
STAND 3/4" VAULT W/
1" ADAPTOR

T.H. 48 STONY HILL RD. (VARIABLE)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

Install 400 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.



MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(Should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: HINCKLEY	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY: EJ	CHECKED BY:	DATE: APRIL 2005	
FIELD CHECK BY: RW	DRAWN BY: KJ	REVIEWED BY:	
1/20/05	12" UTILITY EASEMENT ADDED TO SHEET	R.M.W.	
7/14/05	REVISED WATER MAIN IN PLAN & PROFILE	KJ	
	Posted	JS	
DATE	DESCRIPTION	BY	STA. 210+00 TO STA. 225+00 SHEET 12 OF 32

T.H. 549

01603C08013
JOSEPH & JANICE C NOVOSIELSKI

01603C08012
SAL & FILOMENO FILIPPELLI

20'-6" from Edge Pmnt.

21'-0" from Edge Pmnt.

22'-0" from Edge Pmnt.

23'-0" from Edge Pmnt.

24'-0" from Edge Pmnt.

25'-0" from Edge Pmnt.

26'-0" from Edge Pmnt.

27'-0" from Edge Pmnt.

28'-0" from Edge Pmnt.

29'-0" from Edge Pmnt.

30'-0" from Edge Pmnt.

31'-0" from Edge Pmnt.

32'-0" from Edge Pmnt.

33'-0" from Edge Pmnt.

34'-0" from Edge Pmnt.

35'-0" from Edge Pmnt.

36'-0" from Edge Pmnt.

37'-0" from Edge Pmnt.

38'-0" from Edge Pmnt.

39'-0" from Edge Pmnt.

40'-0" from Edge Pmnt.

41'-0" from Edge Pmnt.

42'-0" from Edge Pmnt.

43'-0" from Edge Pmnt.

01603C08011 NICHOLAS J & ARLINE C TOKACH
01603C08010 GEORGE L JINDRA
01603C08009 TODD B & NATALIE S WINSTON
01603C08008 PAUL F & IRENE M KOSIK
01603C08007 KEVIN & MARISSA MCNUITY
01603C08006 CLARE A BRONCO
01603C08004 HARRY OLEKSUK
01603C08003 HARRY OLEKSUK
01603C08002 & NANCY D METERS
01603C08001 JOSEPH J & JUDITH A SISKAL

1666

1646

1636

1626

1590

1580

1560

1559

1545

1665

1647

1625

2162

1559

1545

1665

1647

1625

2162

1559

1545

1665

1647

1625

2162

1559

1545

1665

1647

1625

01603C08032 DONALD P & GLORIA G HARTMAN
01603C08031 PAUL P & ROSEMARIE PSOTA
01603C08030 VICTOR & RAISA VERNYUK
01603C08029 ZINOVY & ZORYANA STELMAKH
01603C08028 KENNETH E & SHARON F AYERS
01603C08022 RODNEY J RIGBY
01603C08021 LESLIE A HANSAL

1665 STONY HILL RD
PP # 016-03C-08-031
W # 12503
7/7/06
44' YOKE

2162 BELLUS RD
PP 016-03C-08-028
W # 12266
4/24/06
1" YOKE

1550 STONY HILL RD
PP # 016-03C-08-002
W # 12456
6/20/06
3/4" STD VAULT W/
1" ADAPTER

1560 STONY HILL RD
PP # 016-03C-08-003
W # 12478
6/29/06
1" YOKE

Water Main Easement Recorder's # 20050R004673

Water Main Easement Recorder's # 20050R004672

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

OPEN CUT 52 LF of Pavement and Berm per Medina County Highway Engineer Specs. (See Sta. Details) Install 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 236+42 to Sta. 237+92 (150 LF)

30'-0" from Edge Pmnt.

37'-0" from Edge Pmnt.

9+53 10-12-05 Sta. 9+48 16" Hydrant Assembly
9+75 16" R.W.G.V.

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 237+30 to 237+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 237+62 to 237+92

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 237+92 to 238+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 238+00 to 238+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 238+30 to 238+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 238+62 to 239+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 239+00 to 239+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 239+30 to 239+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 239+62 to 240+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 240+00 to 240+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 240+30 to 240+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 240+62 to 241+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 241+00 to 241+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 241+30 to 241+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 241+62 to 242+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 242+00 to 242+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 242+30 to 242+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 242+62 to 243+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 243+00 to 243+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 243+30 to 243+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 243+62 to 244+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 244+00 to 244+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 244+30 to 244+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 244+62 to 245+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 245+00 to 245+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 245+30 to 245+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 245+62 to 246+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 246+00 to 246+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 246+30 to 246+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 246+62 to 247+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 247+00 to 247+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 247+30 to 247+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 247+62 to 248+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 248+00 to 248+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 248+30 to 248+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 248+62 to 249+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 249+00 to 249+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 249+30 to 249+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 249+62 to 250+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 250+00 to 250+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 250+30 to 250+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 250+62 to 251+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 251+00 to 251+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 251+30 to 251+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 251+62 to 252+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 252+00 to 252+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 252+30 to 252+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 252+62 to 253+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 253+00 to 253+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 253+30 to 253+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 253+62 to 254+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 254+00 to 254+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 254+30 to 254+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 254+62 to 255+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 255+00 to 255+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 255+30 to 255+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 255+62 to 256+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 256+00 to 256+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 256+30 to 256+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 256+62 to 257+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 257+00 to 257+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 257+30 to 257+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 257+62 to 258+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 258+00 to 258+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 258+30 to 258+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 258+62 to 259+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 259+00 to 259+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 259+30 to 259+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 259+62 to 260+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 260+00 to 260+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 260+30 to 260+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 260+62 to 261+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 261+00 to 261+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 261+30 to 261+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 261+62 to 262+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 262+00 to 262+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 262+30 to 262+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 262+62 to 263+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 263+00 to 263+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 263+30 to 263+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 263+62 to 264+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 264+00 to 264+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 264+30 to 264+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 264+62 to 265+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 265+00 to 265+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 265+30 to 265+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 265+62 to 266+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 266+00 to 266+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 266+30 to 266+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 266+62 to 267+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 267+00 to 267+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 267+30 to 267+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 267+62 to 268+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 268+00 to 268+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 268+30 to 268+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 268+62 to 269+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 269+00 to 269+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 269+30 to 269+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 269+62 to 270+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 270+00 to 270+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 270+30 to 270+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 270+62 to 271+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 271+00 to 271+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 271+30 to 271+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 271+62 to 272+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 272+00 to 272+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 272+30 to 272+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 272+62 to 273+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 273+00 to 273+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 273+30 to 273+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 273+62 to 274+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 274+00 to 274+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 274+30 to 274+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 274+62 to 275+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 275+00 to 275+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 275+30 to 275+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 275+62 to 276+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 276+00 to 276+30

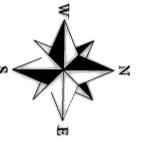
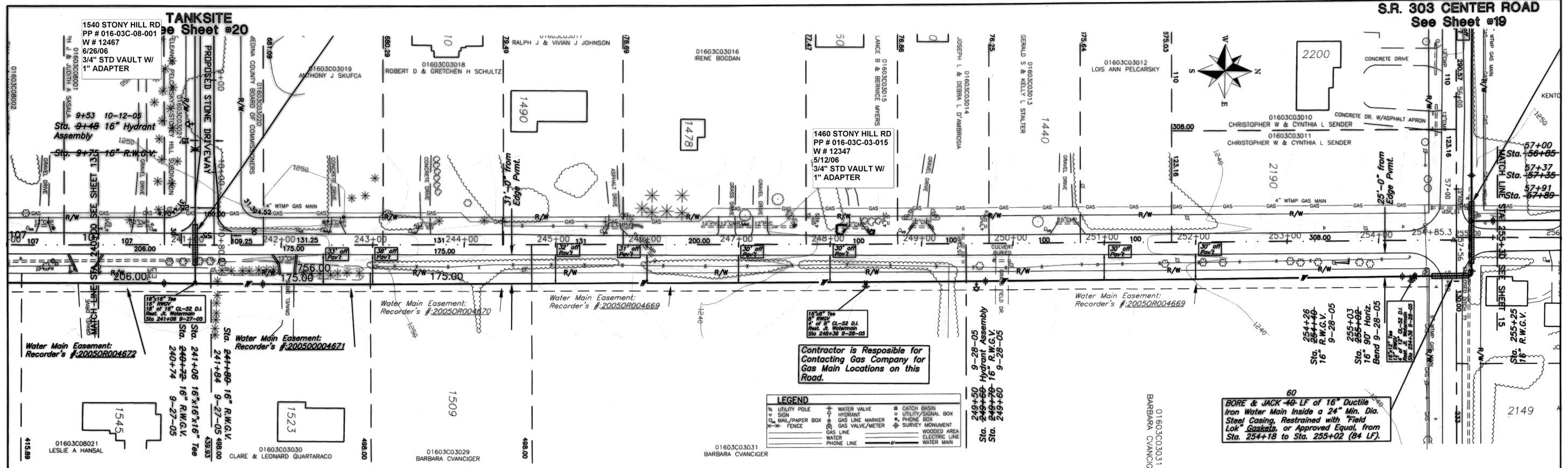
18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 276+30 to 276+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 276+62 to 277+00

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 277+00 to 277+30

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 277+30 to 277+62

18'x18" Tee of 16" CL-52 D.I. Watermain Sta. 277+62 to 27



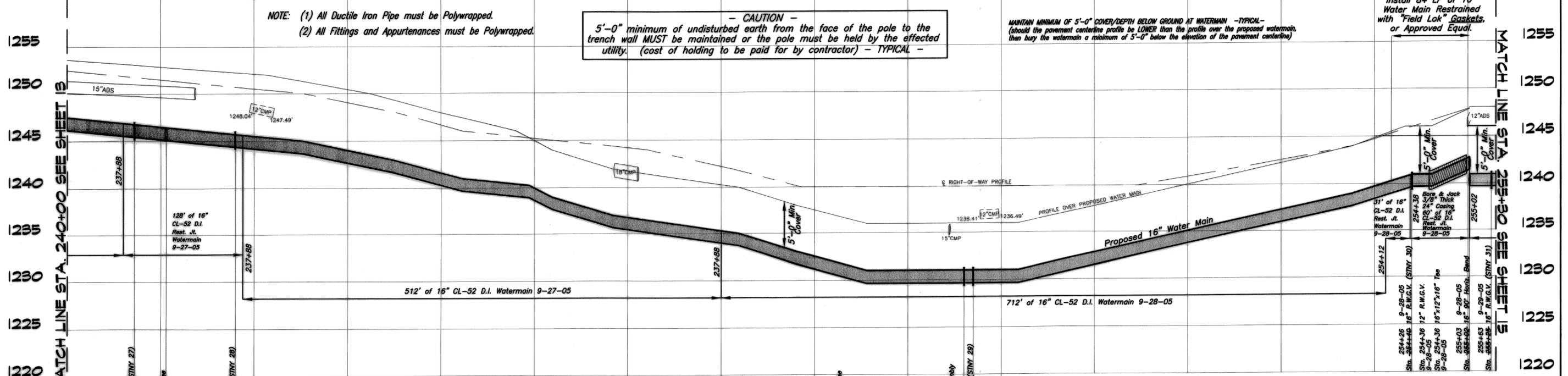
LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
CL. MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
WATER	WATER	WOODED AREA
PHONE LINE	ELECTRIC LINE	WATER MAIN

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

BORE & JACK 40' LF of 16" Ductile Iron Water Main Inside a 24" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 254+18 to Sta. 255+02 (84 LF).

T.H. 48 STONY HILL RD. (VARIABLE)



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

CAUTION - 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the affected utility. (cost of holding to be paid for by contractor) - TYPICAL -

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL - (Should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

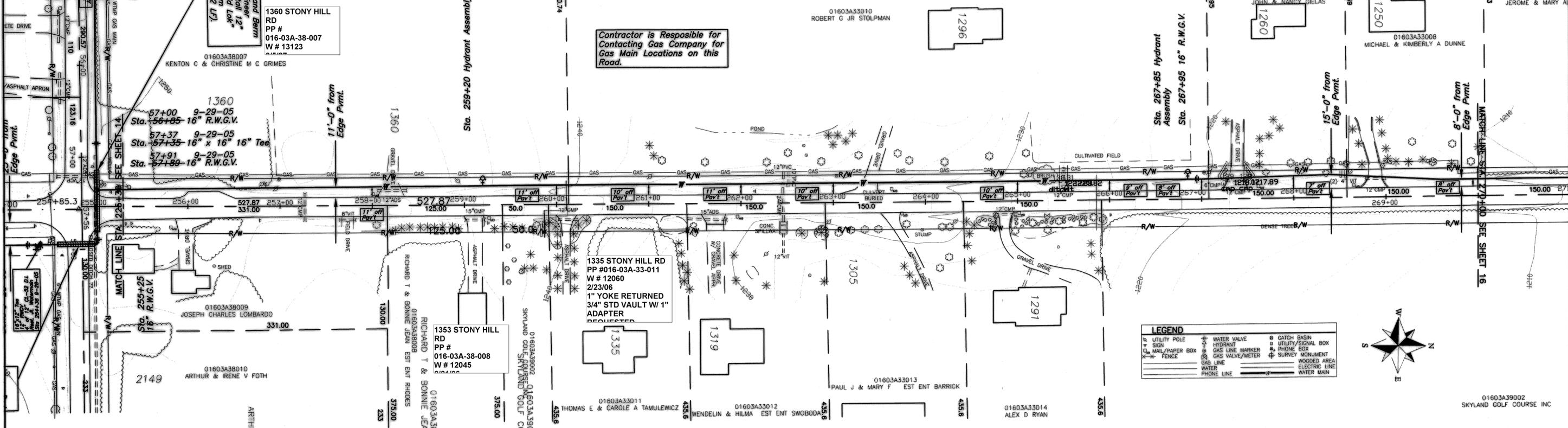
PLANNED BY: MEDINA COUNTY SANITARY ENGINEER
K.W. HOZL, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9589 (330) 225-3113

T.H. 48 STONY HILL ROAD WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1
STA. 240+00 TO STA. 255+30 SHEET 14 OF 32

DATE	DESCRIPTION	BY
7/14/05	MOVED HYDRANT TO TANK DRIVE	KJ
	Posted	JS

S.R. 303 CENTER ROAD

See Sheet #19

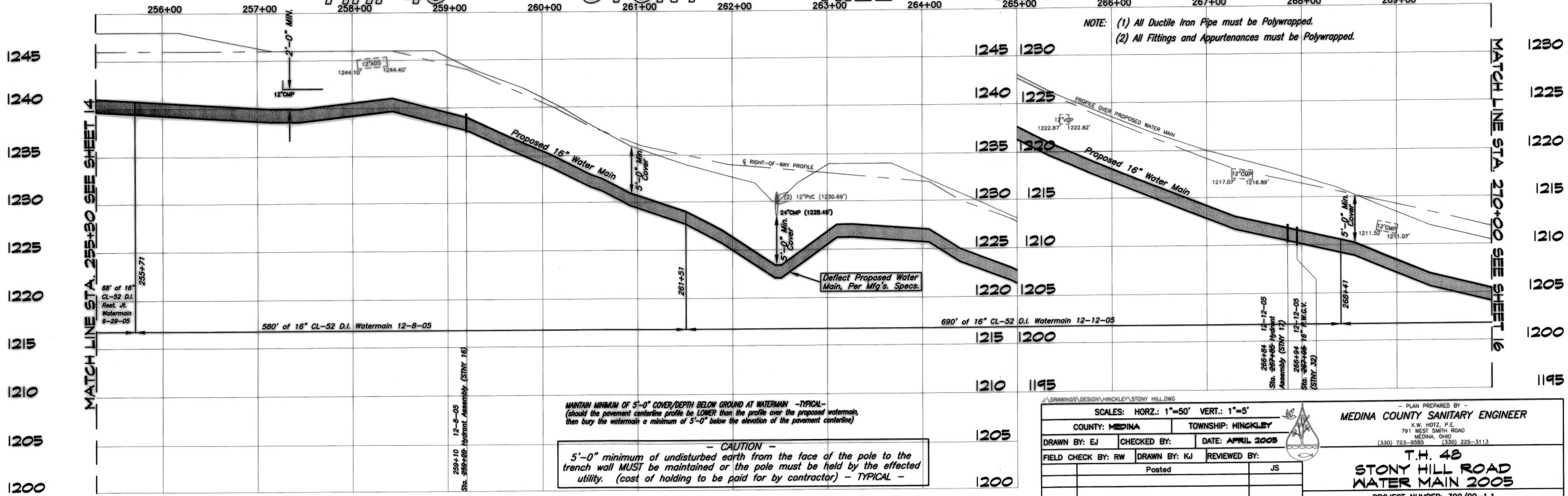


Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

LEGEND

Utility Pole	Water Valve	Catch Basin
Sign	Hydrant	Utility Signal Box
Mail/Paper Box	Gas Line Marker	Phone Box
Fence	Gas Valve/Meter	Survey Monument
	Gas Line	Wooded Area
	Water	Electric Line
	Phone Line	Water Main

T.H. 48 STONY HILL RD. (60')



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER
K.W. HOLT, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9585 (330) 225-3113

STONY HILL ROAD WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1
STA. 255+00 TO STA. 270+00 SHEET 15 OF 32

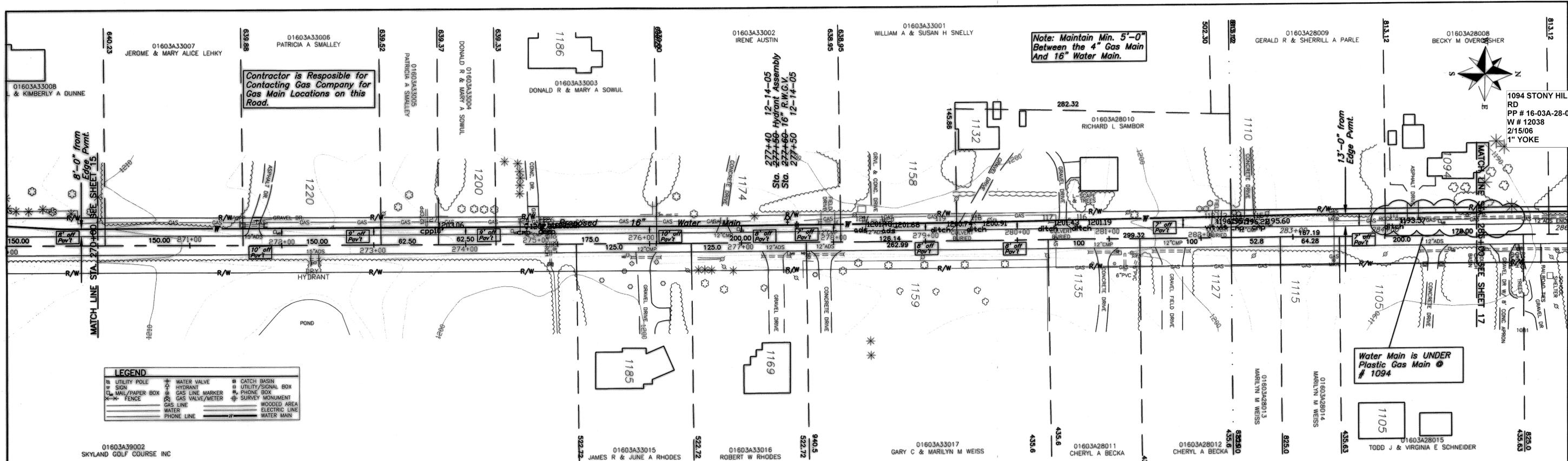
SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKLEY

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY: JS

DATE	DESCRIPTION	BY
	Posted	JS



Note: Maintain Min. 5'-0" Between the 4" Gas Main And 16" Water Main.

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

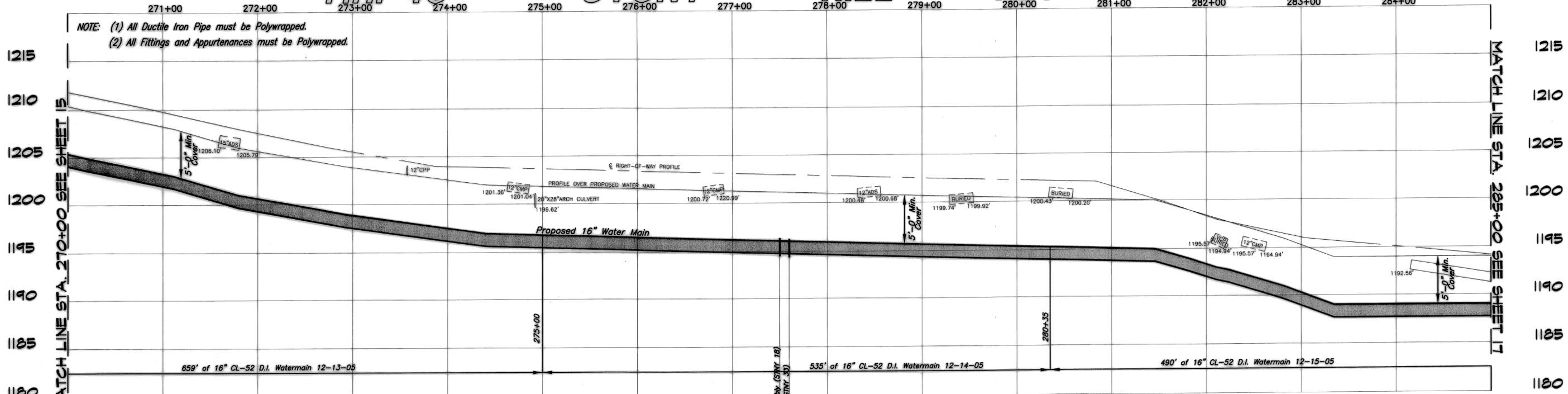
Water Main is UNDER Plastic Gas Main # 1094

1094 STONY HILL RD
PP # 16-03A-28-008
W # 12038
2/15/06
1" YOKE

LEGEND

Utility Pole	Water Valve	Catch Basin
Sign	Hydrant	Utility/Signal Box
Mail/Paper Box	Gas Line Marker	Phone Box
Fence	Gas Valve/Meter	Survey Monument
Gas Line	Wooded Area	Electric Line
Water	Water Main	

T.H. 48 STONY HILL RD. 160'



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINKLEY\STONY HILL.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINKLEY

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY:

Posted JS

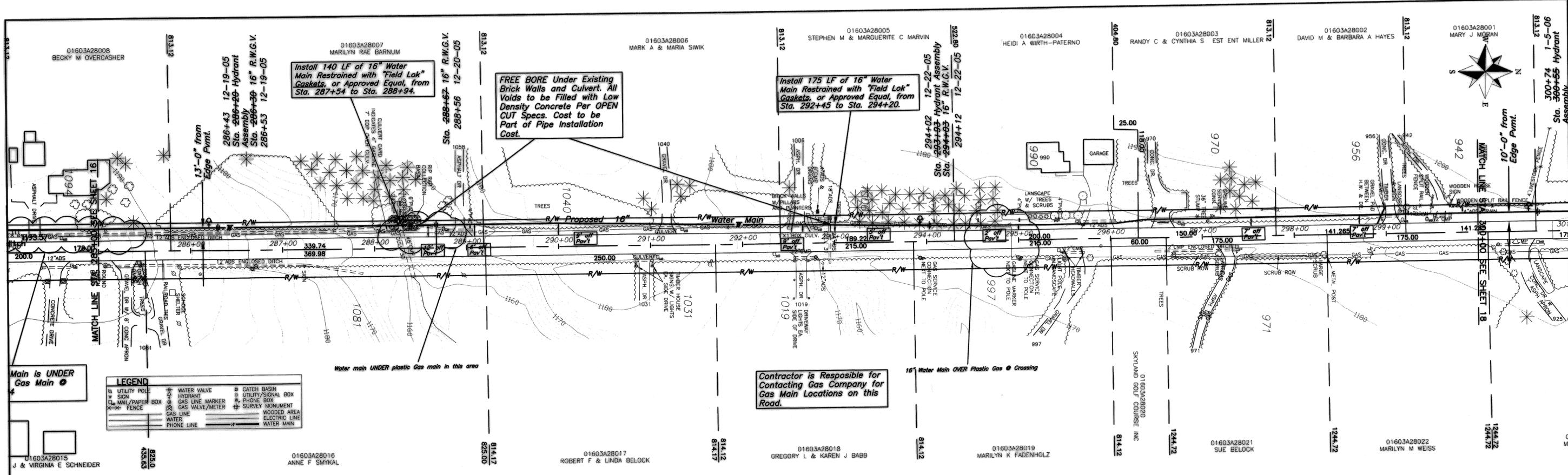
MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO (330) 723-9585 (330) 225-3113

T.H. 48 STONY HILL ROAD WATER MAIN 2005

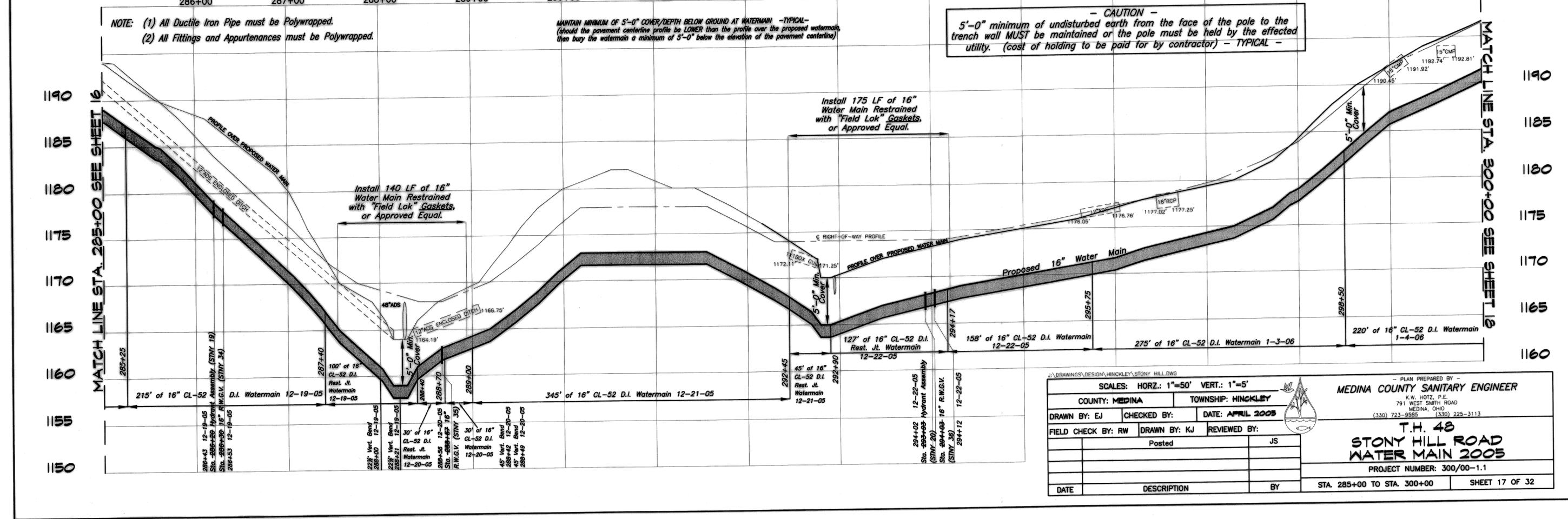
PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY

STA. 270+00 TO STA. 285+00 SHEET 16 OF 32

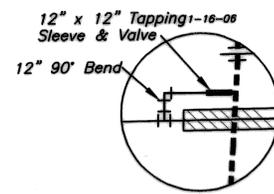
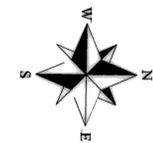
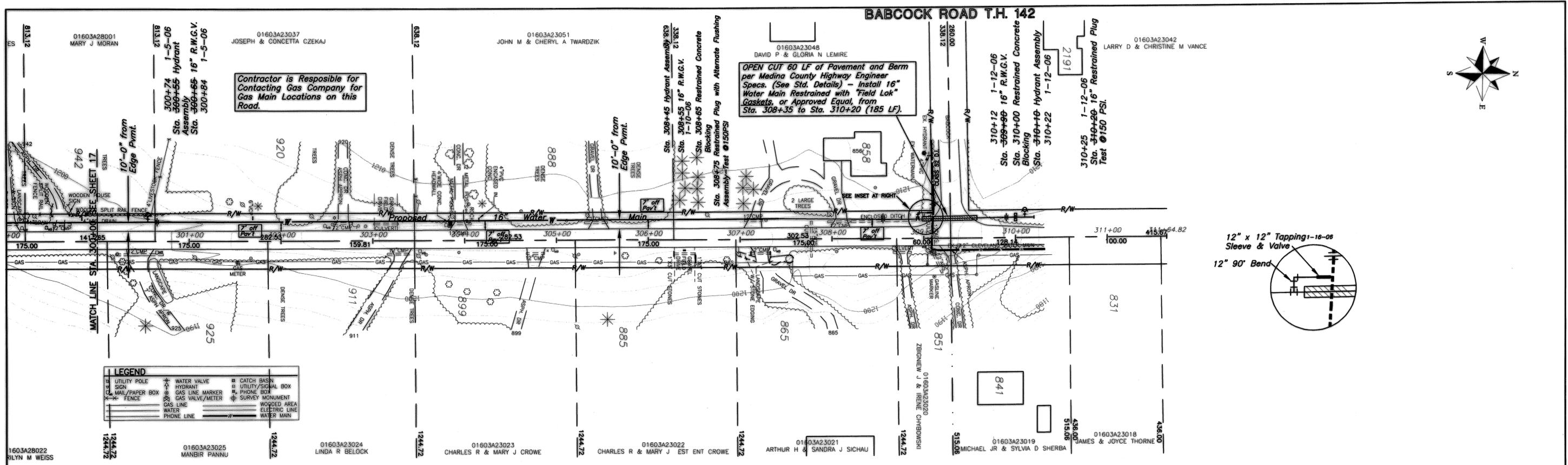


T.H. 48 STONY HILL RD. 160'



COUNTY: **MEDINA** TOWNSHIP: **HINKLEY**
 DRAWN BY: **EJ** CHECKED BY: **JS** DATE: **APRIL 2005**
 FIELD CHECK BY: **RW** DRAWN BY: **KJ** REVIEWED BY: **JS**
 DATE: _____ DESCRIPTION: _____ BY: _____

T.H. 48
STONY HILL ROAD
WATER MAIN 2005
 PROJECT NUMBER: 300/00-1.1
 STA. 285+00 TO STA. 300+00 SHEET 17 OF 32

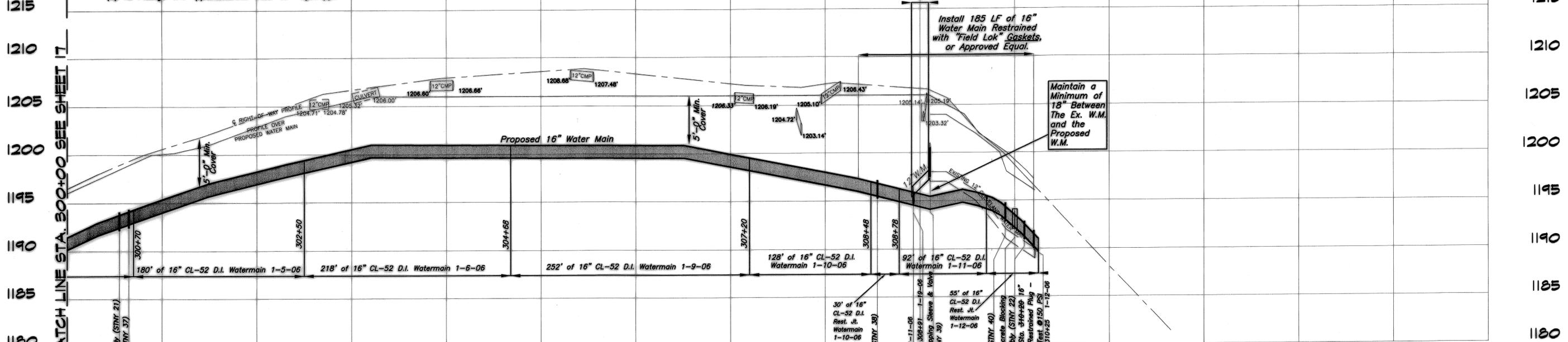


LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY SIGNAL BOX
MAN/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
GAS LINE	WATER LINE	WOODED AREA
PHONE LINE	ELECTRIC LINE	ELECTRIC LINE
	WATER MAIN	WATER MAIN

T.H. 48 STONY HILL RD. (160')

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINKLEY

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY:

Posted JS

MEDINA COUNTY SANITARY ENGINEER
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 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9585 (330) 225-3113

T.H. 48 STONY HILL ROAD WATER MAIN 2005

PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY

STA. 300+00 TO STA. 308+75 SHEET 18 OF 32

T.H. 174 ARBORCREST DRIVE

T.H. 48 STONY HILL RD. see sheet #15



LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
		WOODED AREA
		ELECTRIC LINE
		WATER MAIN

2241 CENTER RD
16 03A 38 005
W12659
9/18/06
1" TAP
STAND 3/4" VAULT W/1" ADAPT

VOIDED PERMIT
2241 CENTER RD
PP # 016-03A-38-005
W # 11822
11/7/05

CHECK RETURNED
11/30/05 G.M.

OPEN CUT 67 LF of Pavement and Berm
per Medina County Highway Engineer
Specs. (See Std. Details) - Install 12" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 56+65 to Sta. 57+97 (132 LF).

2215 CENTER RD
PP # 016-03A-38-006
W # 12500
7/6/06
3/4" STD VAULT W/1" ADAPTER

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

Connect Proposed 16" Water Main to Existing 16" Class 52 Ductile Iron Water Main. Existing Water Main is "Dry". Remove Existing Plug & Return to M.C.S.E.

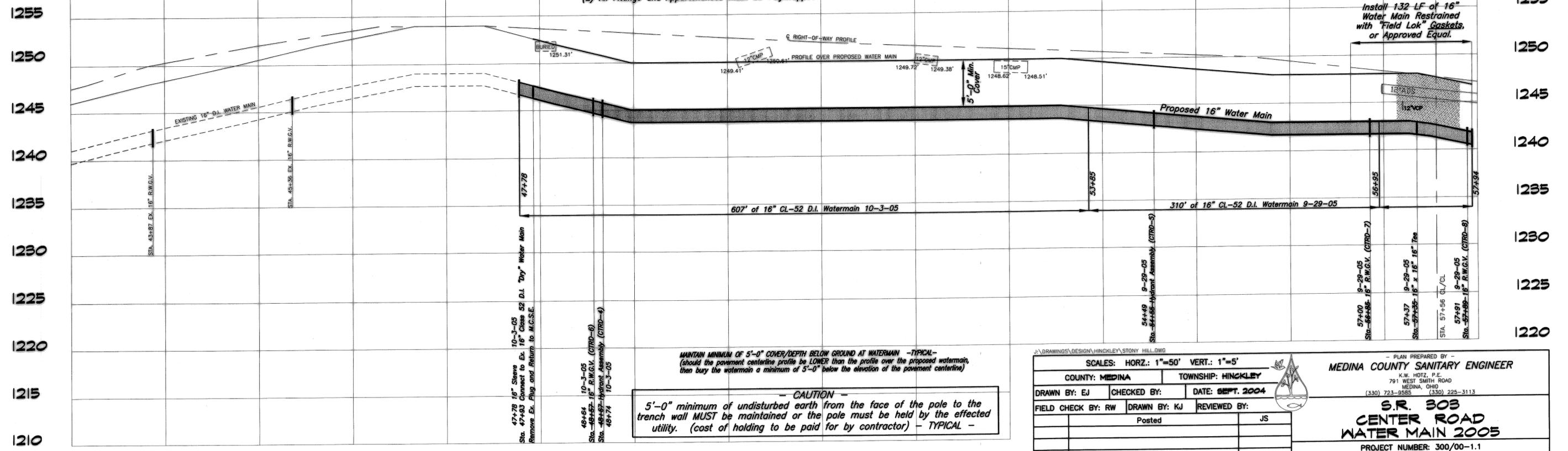
S.R. 303

CENTER RD.

(VARIABLE)

see sheet #14

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



Install 132 LF of 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINKLEY\STONY HILL.DWG

SCALES: HORIZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINKLEY

DRAWN BY: EJ CHECKED BY: DATE: SEPT. 2004

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY: JS

Posted

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MEDINA, OHIO
(330) 723-9585 (330) 225-3113

**S.R. 303
CENTER ROAD
WATER MAIN 2005**

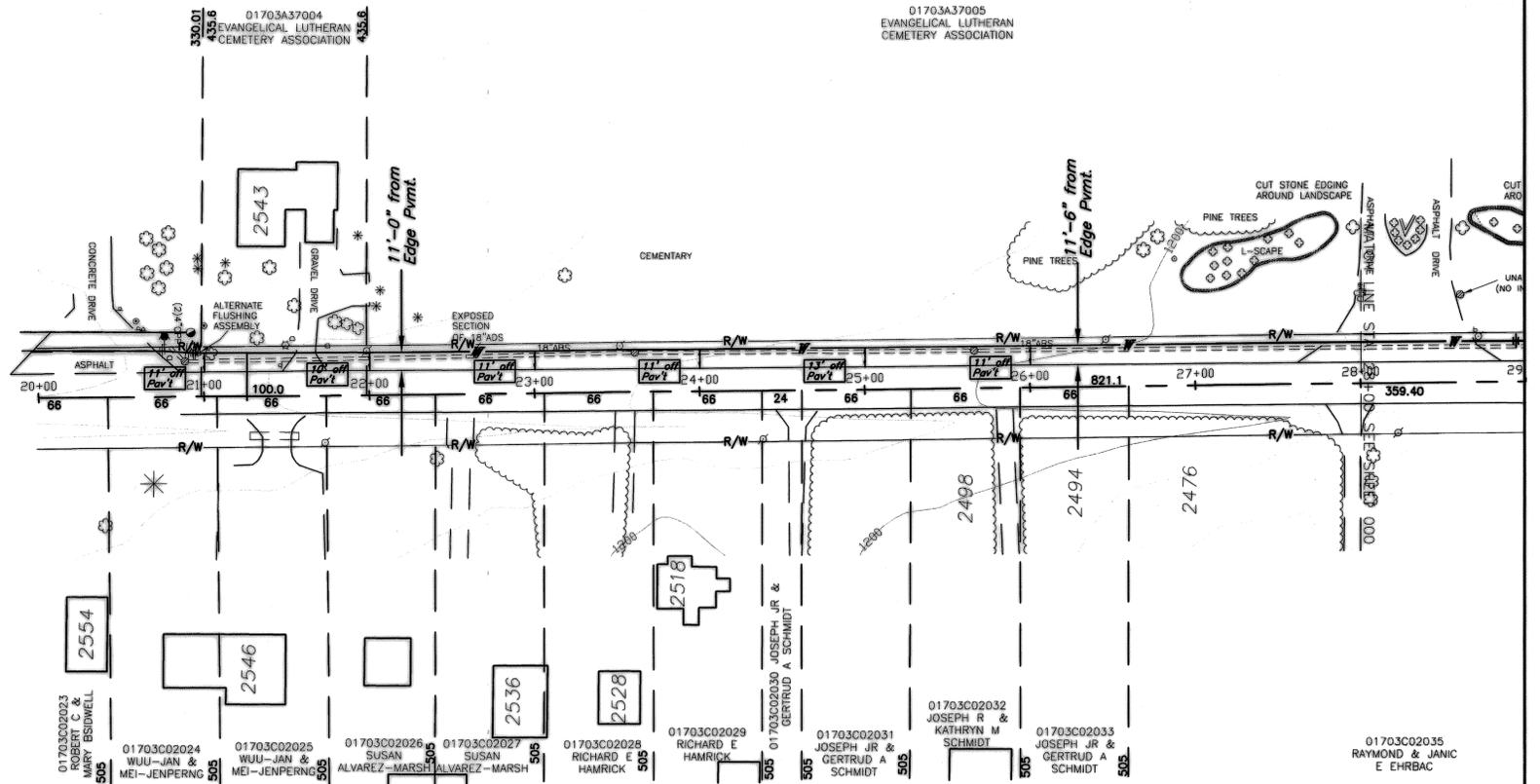
PROJECT NUMBER: 300/00-1.1

DATE DESCRIPTION BY

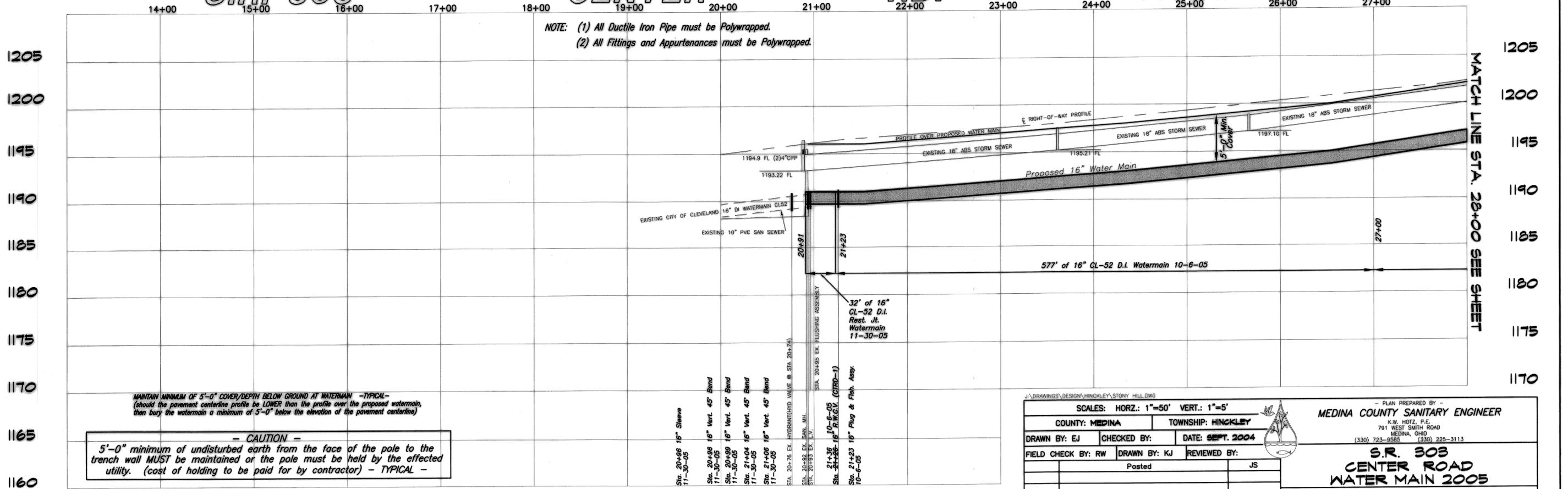
STA. 43+00 TO STA. 58+00 SHEET 19 OF 32



LEGEND			
○	UTILITY POLE	⊕	WATER VALVE
⊕	SIGN	⊕	HYDRANT
□	MAIL/PAPER BOX	⊕	GAS LINE MARKER
⊕	FENCE	⊕	GAS VALVE/METER
—	WATER	—	WATER
—	PHONE LINE	—	ELECTRIC LINE
—		—	WOODED AREA
—		—	WATER MAIN
□	CATCH BASIN	□	UTILITY/SIGNAL BOX
□	PHONE BOX	□	PHONE BOX
⊕	SURVEY MONUMENT	⊕	SURVEY MONUMENT



S.R. 303 CENTER RD. (VARIABLE)



MATCH LINE STA. 28+00 SEE SHEET

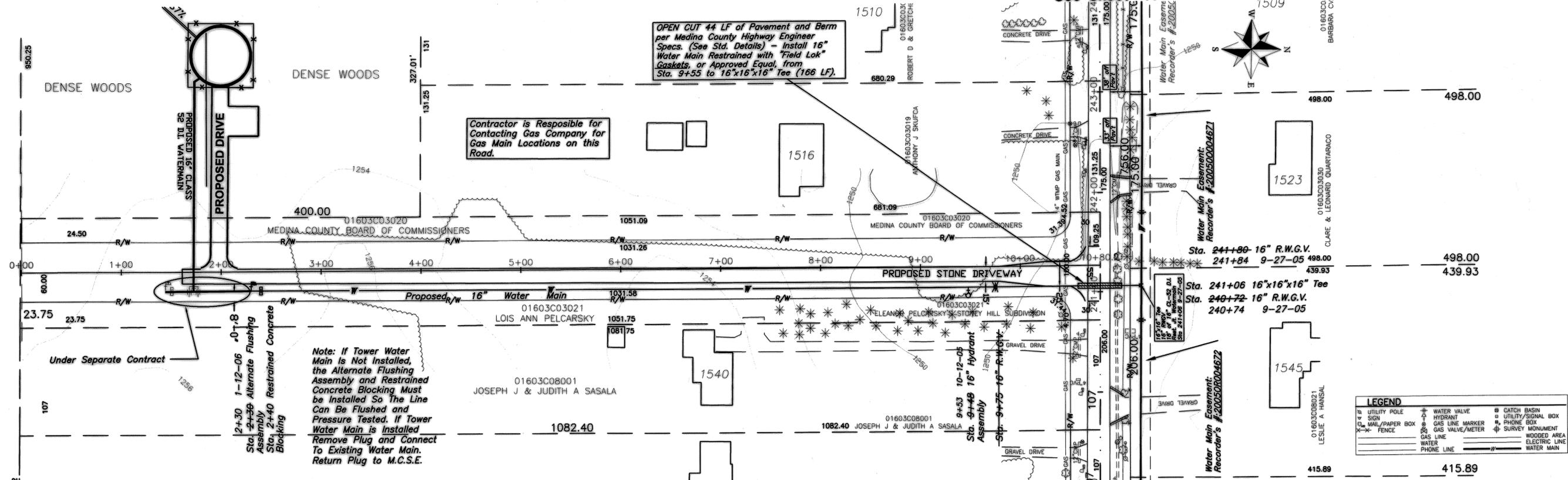
MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall **MUST** be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

- Sta. 20+06 16" Sleeve 11-30-05
- Sta. 20+96 16" Vert. 45° Bend 11-30-05
- Sta. 20+99 16" Vert. 45° Bend 11-30-05
- Sta. 21+04 16" Vert. 45° Bend 11-30-05
- Sta. 21+06 16" Vert. 45° Bend 11-30-05
- Sta. 20+76 EX. HYDRANT/FLUSH VALVE @ STA. 20+76
- Sta. 20+92 EX. SAN. MH.
- Sta. 20+93 EX. E.V.
- Sta. 21+06 16" R.I.C. (CIRD-1)
- Sta. 21+23 16" Plug & Flash Assy. 10-6-05

DRAWINGS DESIGN: HINKLEY, STONY HILL, OHIO		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: HINKLEY	
DRAWN BY: EJ	CHECKED BY:	DATE: SEPT. 2004	
FIELD CHECK BY: RW	DRAWN BY: KJ	REVIEWED BY:	
	Posted	JS	
S.R. 303 CENTER ROAD WATER MAIN 2005			
PROJECT NUMBER: 300/00-1.1			
DATE	DESCRIPTION	BY	STA. 20+00 TO STA. 28+00 SHEET 19A OF 32

T.H. 48 STONY HILL ROAD
See Sheet #14



OPEN CUT 44 LF of Pavement and Berm per Medina County Highway Engineer Specs. (See Std. Details) - Install 16" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 9+55 to 16"x16"x16" Tee (166 LF).

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

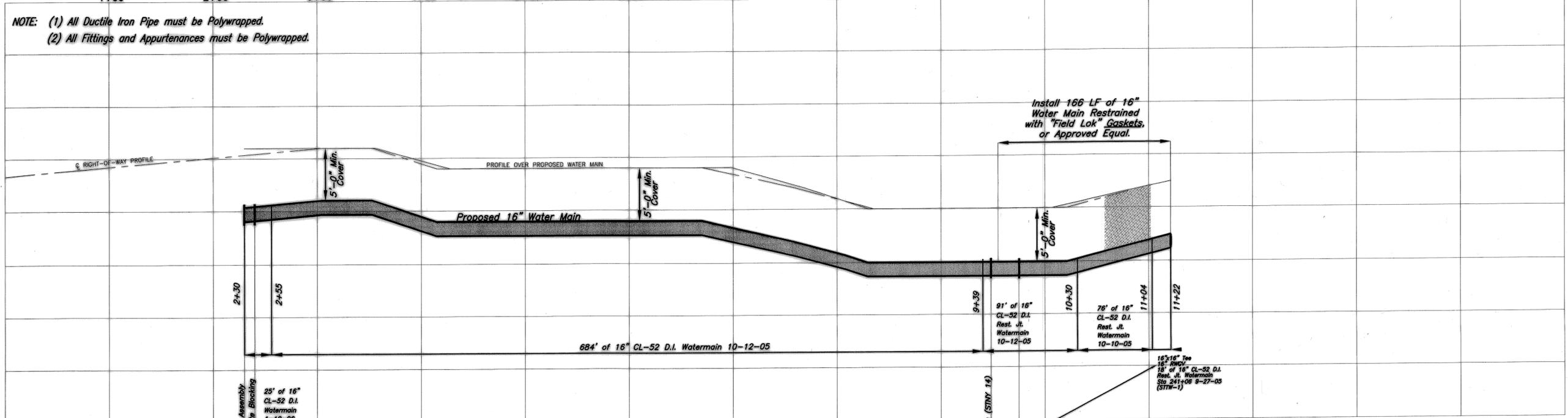
Note: If Tower Water Main is Not Installed, the Alternate Flushing Assembly and Restrained Concrete Blocking Must be Installed So The Line Can Be Flushed and Pressure Tested. If Tower Water Main is Installed Remove Plug and Connect To Existing Water Main. Return Plug to M.C.S.E.

LEGEND

○	UTILITY POLE	⊕	WATER VALVE	⊠	CATCH BASIN
⊕	SIGN	⊕	HYDRANT	⊠	UTILITY/SIGNAL BOX
⊕	MAIL/PAPER BOX	⊕	GAS LINE MARKER	⊠	PHONE BOX
⊕	FENCE	⊕	GAS VALVE/METER	⊠	SURVEY MONUMENT
⊕		⊕		⊠	WOODED AREA
⊕		⊕		⊠	ELECTRIC LINE
⊕		⊕		⊠	WATER MAIN

T.H. 48 STONY HILL RD. (VARIABLE)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINKLEY\STONY_HILL.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINKLEY

PLANNED BY: MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO (330) 723-9585 (330) 225-3113

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY: KJ

7/14/05 ADDED HYDRANT

T.H. 48 STONY HILL ROAD WATER MAIN 2005

PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY	STA. 2+30 TO STA. 11+21	SHEET 20 OF 32
------	-------------	----	-------------------------	----------------

STONY HILL RD. 70'
See Sheet # 10

OPEN CUT 37.5 LF of Pavement and Berm per Medina County Highway Engineer Specs. (See Sta. Details) - Install 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Tee to Sta. 10+64 (44 LF).

Deflect Proposed Water Main, Per Mfg's. Specs.

Install 100 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 13+95 to Sta. 14+95.

Install 215 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 18+00 to Sta. 20+15.

Deflect Proposed Water Main, Per Mfg's. Specs.

FREE BORE Under Existing Culvert. All Voids to be Filled with Low Density Concrete Per OPEN CUT Specs. Cost to be Part of Pipe Installation Cost.

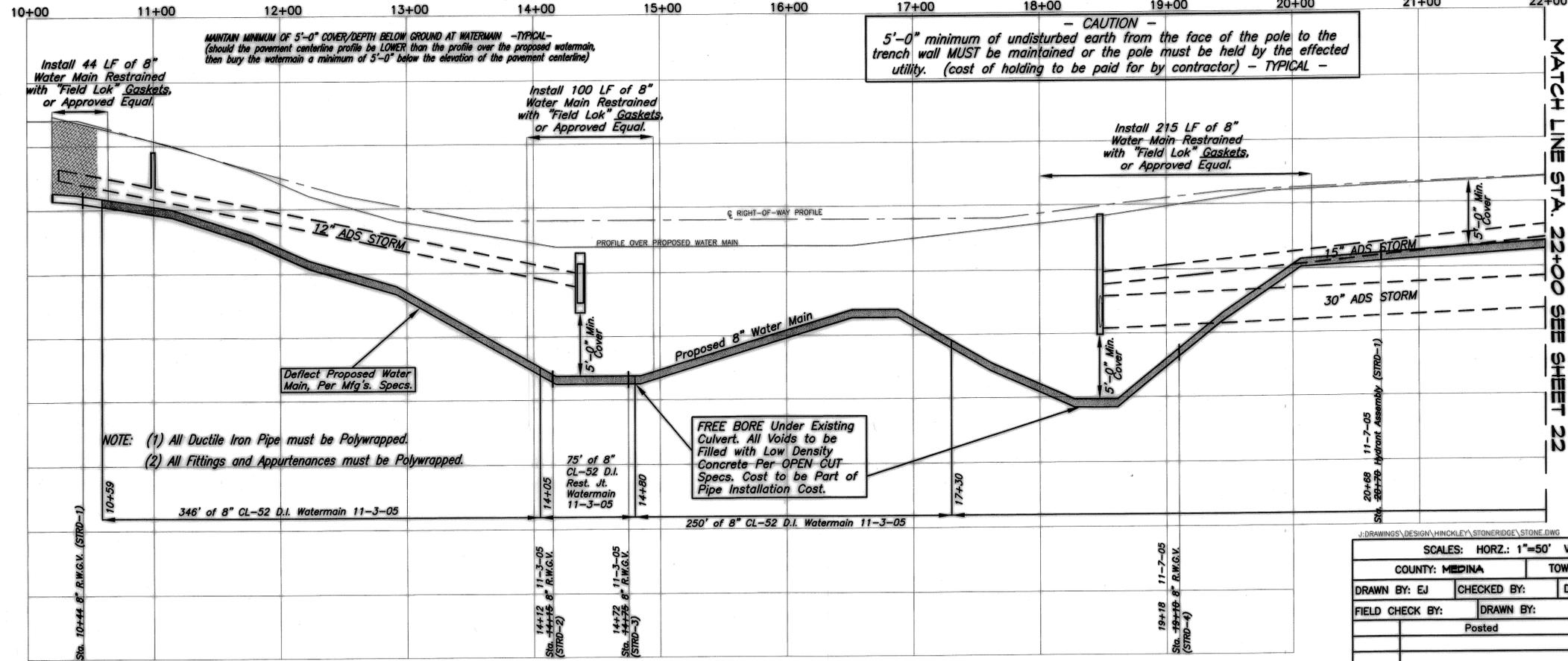
FREE BORE Under Existing Culvert. All Voids to be Filled with Low Density Concrete Per OPEN CUT Specs. Cost to be Part of Pipe Installation Cost.

LEGEND

Utility Pole	Water Valve	Catch Basin
Sign	Hydrant	Utility/Signal Box
Mail/Paper Box	Gas Line Marker	Phone Box
Fence	Gas Valve/Meter	Survey Monument
	Gas Line	Wooded Area
	Water Line	Electric Line
	Phone Line	Water Main



T.H. 695 STONE RIDGE DRIVE 60'



J:\DRAWINGS\DESIGN\HINCLEY\STONERIDGE\STONE.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCLEY

DRAWN BY: EJ CHECKED BY: DATE: MARCH 2005

FIELD CHECK BY: DRAWN BY: REVIEWED BY:

Posted JS

MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-0555 (330) 225-3113

T.H. 695 STONE RIDGE DRIVE 60' WATER MAIN 2005

PROJECT NUMBER: 300/00-1.1

DATE DESCRIPTION BY

STA. 10+00 TO STA. 22+00 SHEET 21 OF 32

LEGEND	
Utility Pole	Water Valve
Sign	Hydrant
Man/Paper Box	Gas Line Marker
Fence	Gas Valve/Meter
	Gas Line
	Water
	Phone Line
	Catch Basin
	Utility/Signal Box
	Phone Box
	Survey Monument
	Wooded Area
	Electric Line
	Water Main

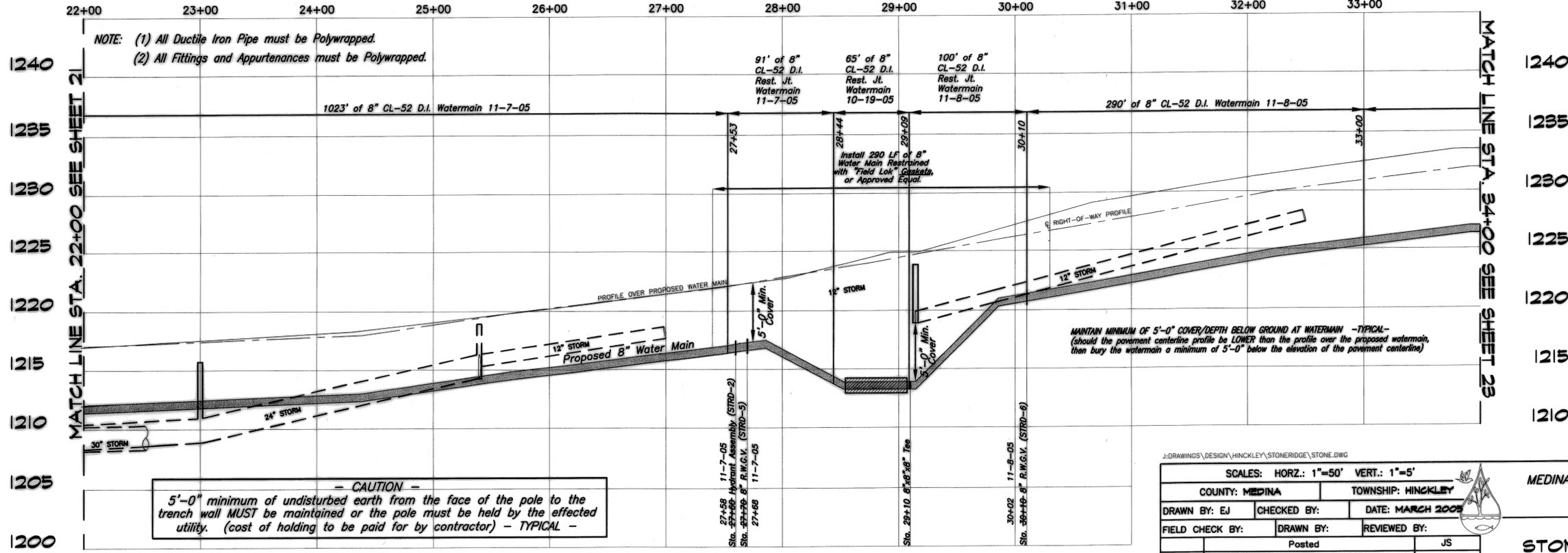
2055 STONE RIDGE DR
PP # 016-03C-19-005
W # 11936
12/30/05

2077 STONE RIDGE DR
PP # 016-03C-19-004
W # 12516
7/12/06
1" YOKE

1978 PINE RIDGE RD
PP # 016-03C-19-030
W # 12514
7/12/06
1" YOKE

BORE & JACK 53 LF of 8" Ductile Iron Water Main inside a 16" Min. Dia. Steel Casing, Restrained with Field Lok Gaskets, or Approved Equal, from Sta. 27+40 to Sta. 30+10 (290 LF).
Sta. 28+44 to Sta. 29+09 (65 LF)

T.H. 695 STONE RIDGE DRIVE 60'



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINCKLEY\STONE RIDGE\STONE.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKLEY

DRAWN BY: EJ CHECKED BY: DATE: MARCH 2005

FIELD CHECK BY: DRAWN BY: REVIEWED BY:

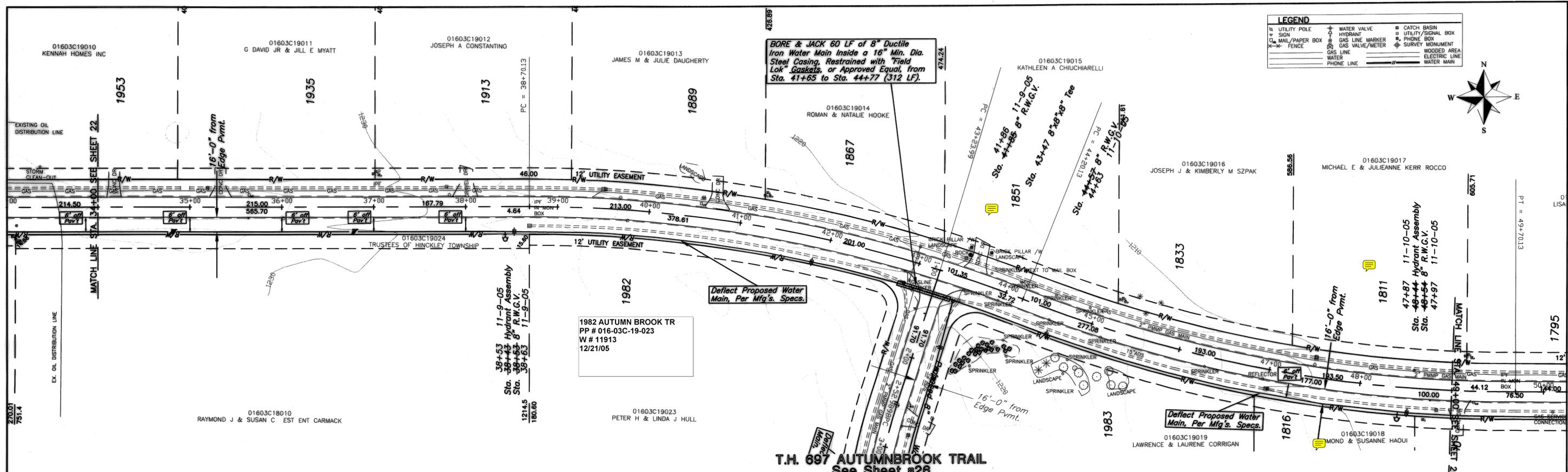
Posted JS

PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO (330) 723-9585 (330) 229-3113

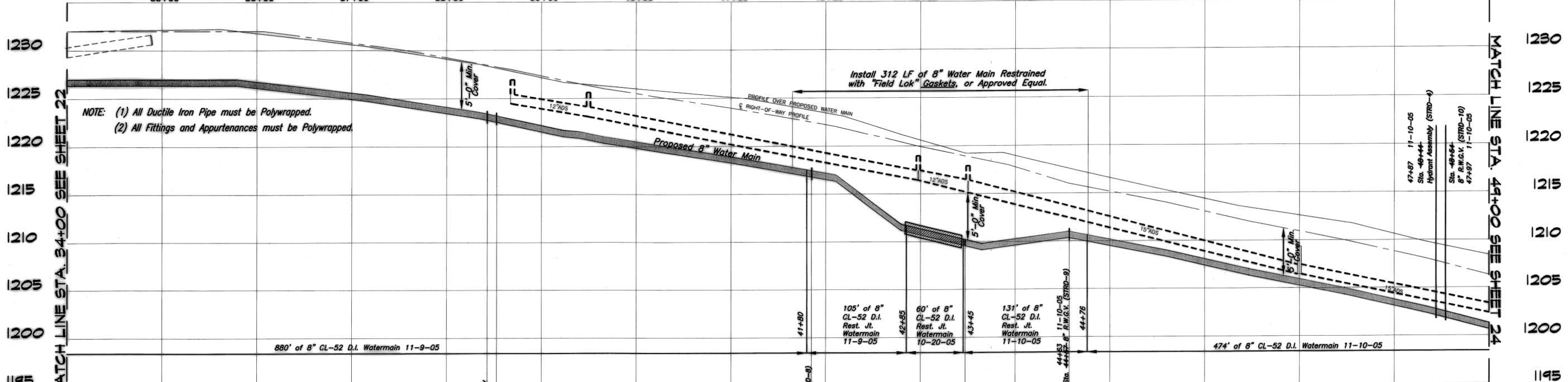
T.H. 695
STONE RIDGE DRIVE 60'
WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1

DATE	DESCRIPTION	BY

STA. 22+00 TO STA. 34+00 SHEET 22 OF 32



T.H. 695 STONE RIDGE DRIVE 60'



CAUTION

5'-0" minimum of undisturbed earth from the face of the pole to the trench wall **MUST** be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

J:\DRAWINGS\DESIGN\HINCKLEY\STONE RIDGE\STONE.DWG

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKLEY

DRAWN BY: EJ CHECKED BY: DATE: MARCH 2005

FIELD CHECK BY: DRAWN BY: REVIEWED BY:

Posted JS

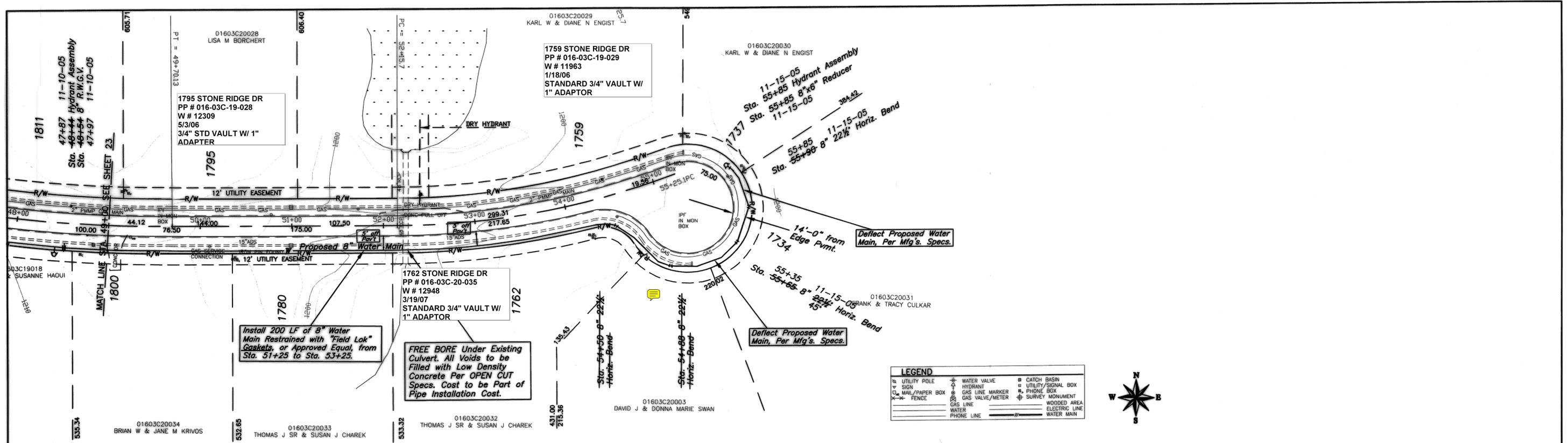
MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9555 (330) 225-3113

T.H. 695 STONE RIDGE DRIVE 60' WATER MAIN 2005

PROJECT NUMBER: 300/00-1.1

STA. 34+00 TO STA. 49+00 SHEET 23 OF 32

DATE	DESCRIPTION	BY



T.H. 695 STONE RIDGE DRIVE 60'



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Install 200 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

FREE BORE Under Existing Culvert. All Voids to be Filled with Low Density Concrete Per OPEN CUT Specs. Cost to be Part of Pipe Installation Cost.

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION - 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
GAS LINE		WOODED AREA
WATER		ELECTRIC LINE
PHONE LINE		WATER MAIN

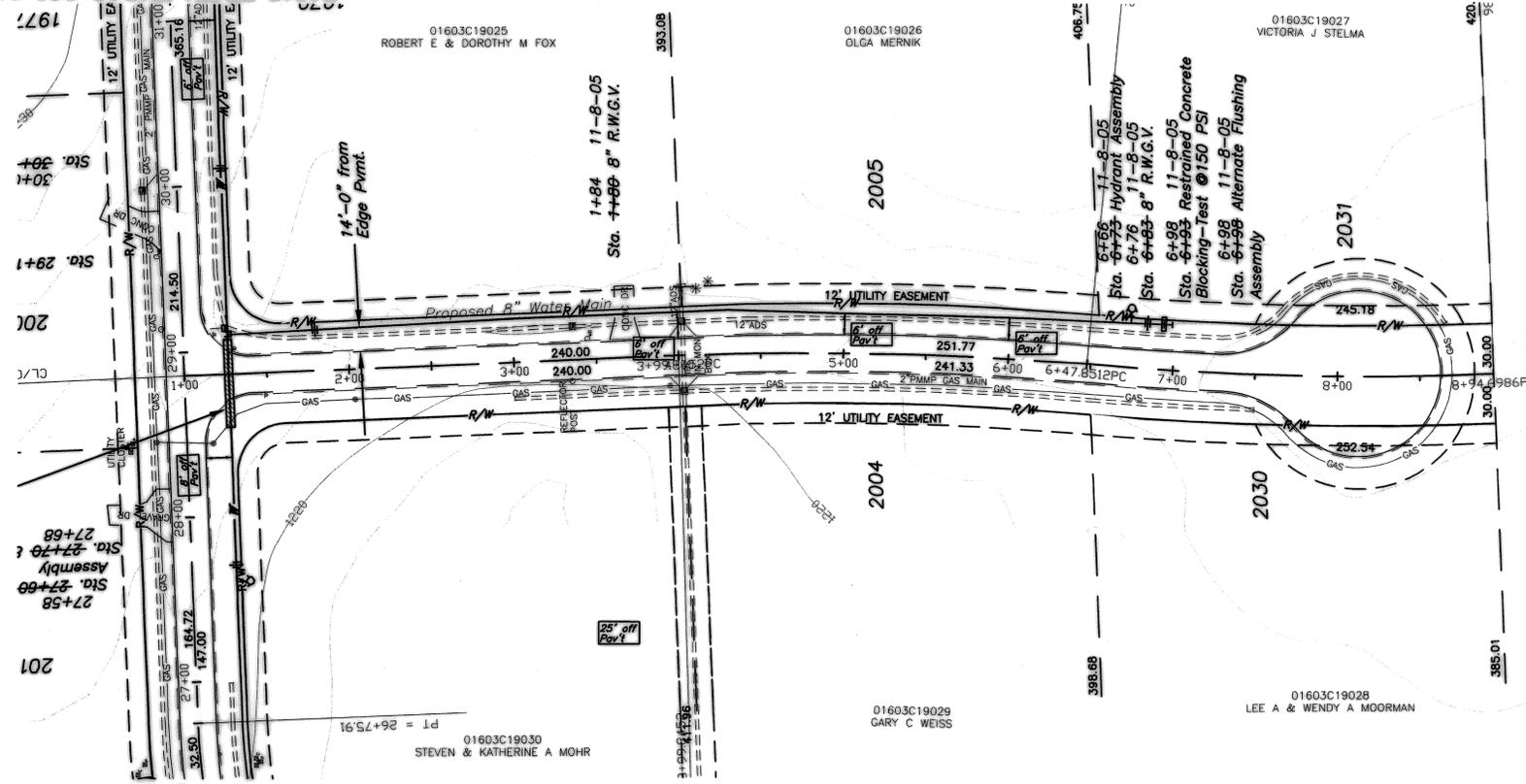


SCALES: HORZ.: 1"=50' VERT.: 1"=5'			MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: HINCKLEY		
DRAWN BY:		CHECKED BY:	DATE: MARCH 2005	
FIELD CHECK BY:	DRAWN BY:	REVIEWED BY:		
	Posted	JS		
DATE	DESCRIPTION	BY	STA. 47+00 TO STA. 55+90	
			SHEET 24 OF 32	

**T.H. 695
STONE RIDGE DRIVE 60'
WATER MAIN 2005**

PROJECT NUMBER: 300/00-1.1

T.H. 695 STONE RIDGE DRIVE

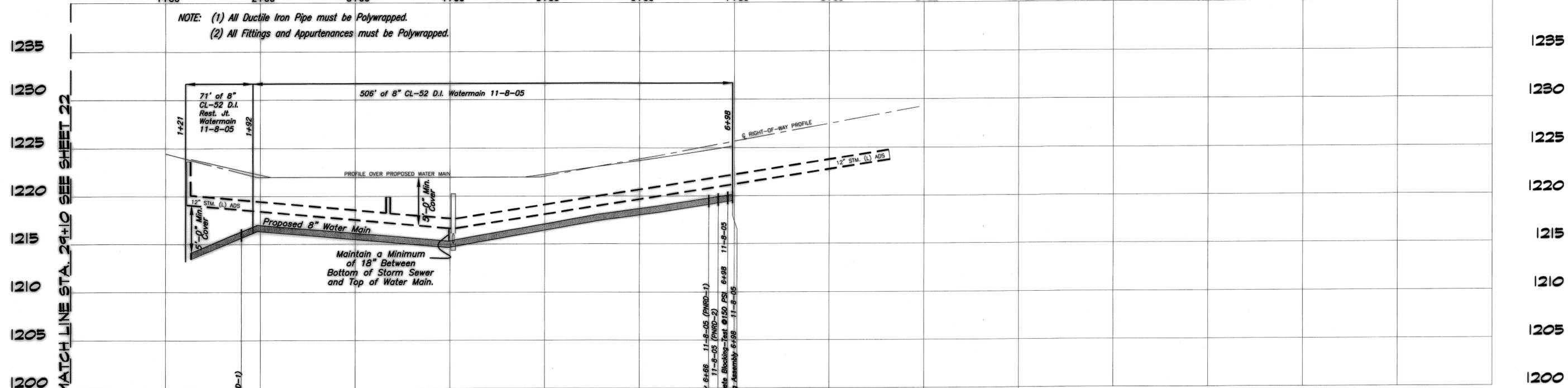


LEGEND

U	UTILITY POLE	W	WATER VALVE	C	CATCH BASIN
S	SIGN	H	HYDRANT	U/S	UTILITY/SIGNAL BOX
M/P	MAIL/PAPER BOX	G	GAS LINE MARKER	P	PHONE BOX
F	FENCE	GVM	GAS VALVE/METER	SM	SURVEY MONUMENT
		W	WOODED AREA	EL	ELECTRIC LINE
				WM	WATER MAIN



T.H. 696 PINE RIDGE TRAIL 60'

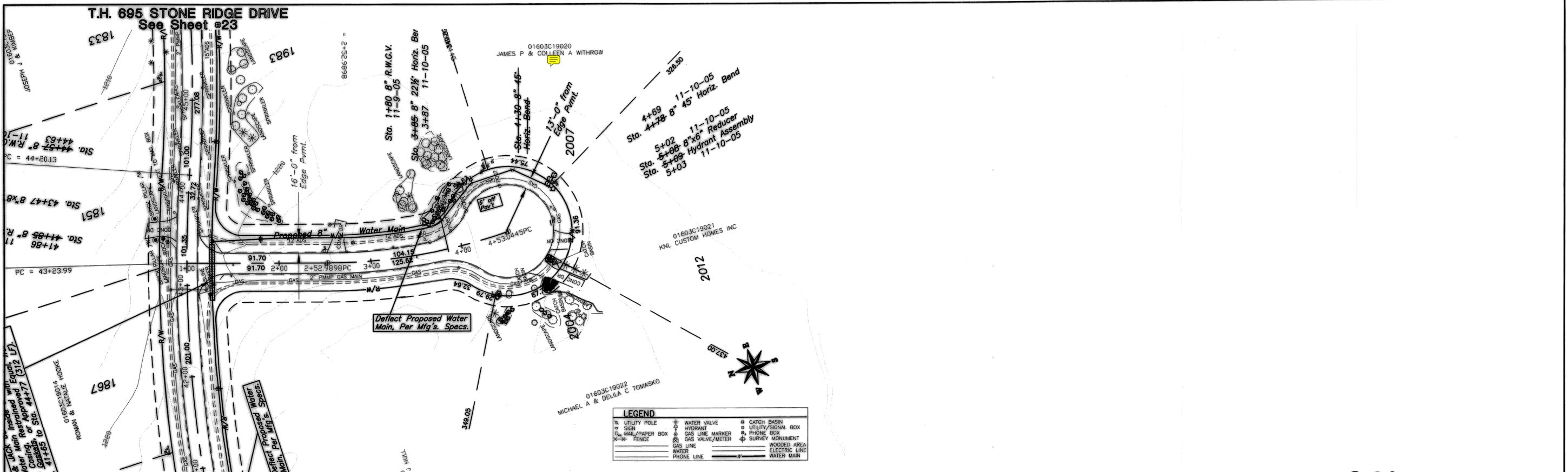


NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain,
 then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

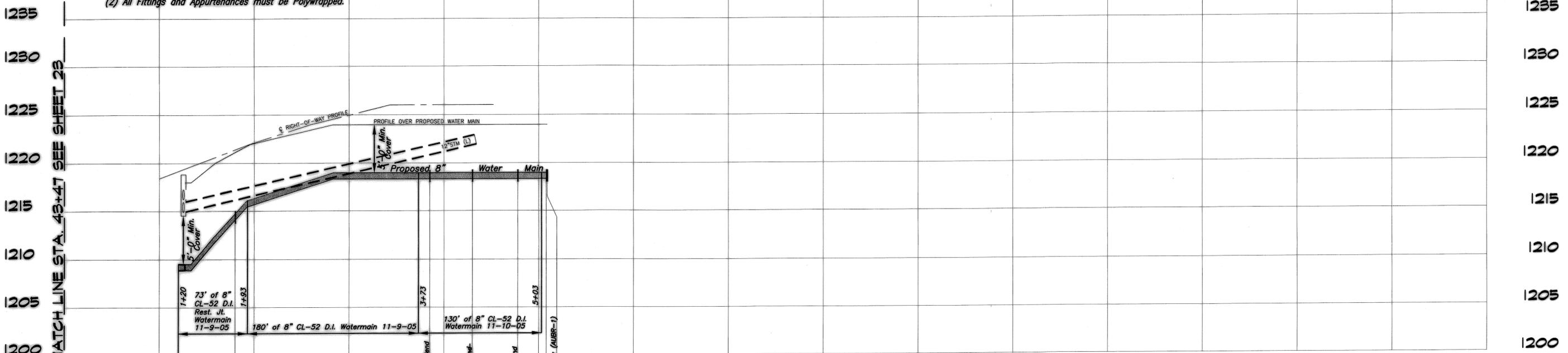
--- CAUTION ---
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: HICKLEY	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: MARCH 2005	
FIELD CHECK BY:	DRAWN BY:	REVIEWED BY:	
	Posted	JS	
DATE	DESCRIPTION	BY	
PROJECT NUMBER: 300/00-1.1			STA. 1+00 TO STA. 6+98 SHEET 25 OF 32



C.H. 697 AUTUMN BROOK TRAIL 60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain,
 then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'		- PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: HINCKLEY	
DRAWN BY:	CHECKED BY:	DATE: MARCH 2005	
FIELD CHECK BY:	DRAWN BY:	REVIEWED BY:	
	Posted	JS	
T.H. 697			
AUTUMN BROOK DRIVE 60'			
WATER MAIN 2005			
PROJECT NUMBER: 300/00-1.1			
DATE	DESCRIPTION	BY	STA. 1+00 TO STA. 5+09 SHEET 26 OF 32

MATCH LINE STA. 43+47 SEE SHEET 23

S.R. 3 LEDGE ROAD

01603C34026
WEYMOUTH FARMS PROPERTY OWNERS ASSOCIATION



LEGEND

Utility Pole	Water Valve	Catch Basin
Sign	Hydrant	Utility/Signal Box
Mail/Paper Box	Gas Line Marker	Phone Box
Fence	Gas Valve/Meter	Survey Monument
		Wooded Area
		Electric Line
		Water Main

2664 BETHANY LN
PP # 016-03C-34-027
W # 12537
7/25/06
1" TAP
1" YOKE

2648 BETHANY LN
SL35 1.55AC
W12436
6/09/06
1" TAP
YOKE W/ 1" ADAPTOR

Easement Conditions for Ubele Properties: Remove Trees in the Easement at St. 7+58. Remove Cottonwood Tree and Brush at Sta. 4+90. Cut & Remove the Existing Asphalt Drive at the Right of Way and Install New Asphalt from Right of Way to Bethany Lane. Do Not Disturb the 57 Limestone along Roadway. However if Disturbed, Replace the 57 Limestone to Preconstruction Condition.

Install 150 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 4+01 to Sta. 5+51.

BORE & JACK 45 LF of 8" Ductile Iron Water Main Inside a 16" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from 16"x8" Tapping Sleeve & Valve to Sta. 3+00 (240 LF).

FREE BORE or Excavate Under Culvert. All Voids to be Filled with Low Density Concrete Per OPEN CUT Specs. Cost to be Part of Pipe Installation Cost.

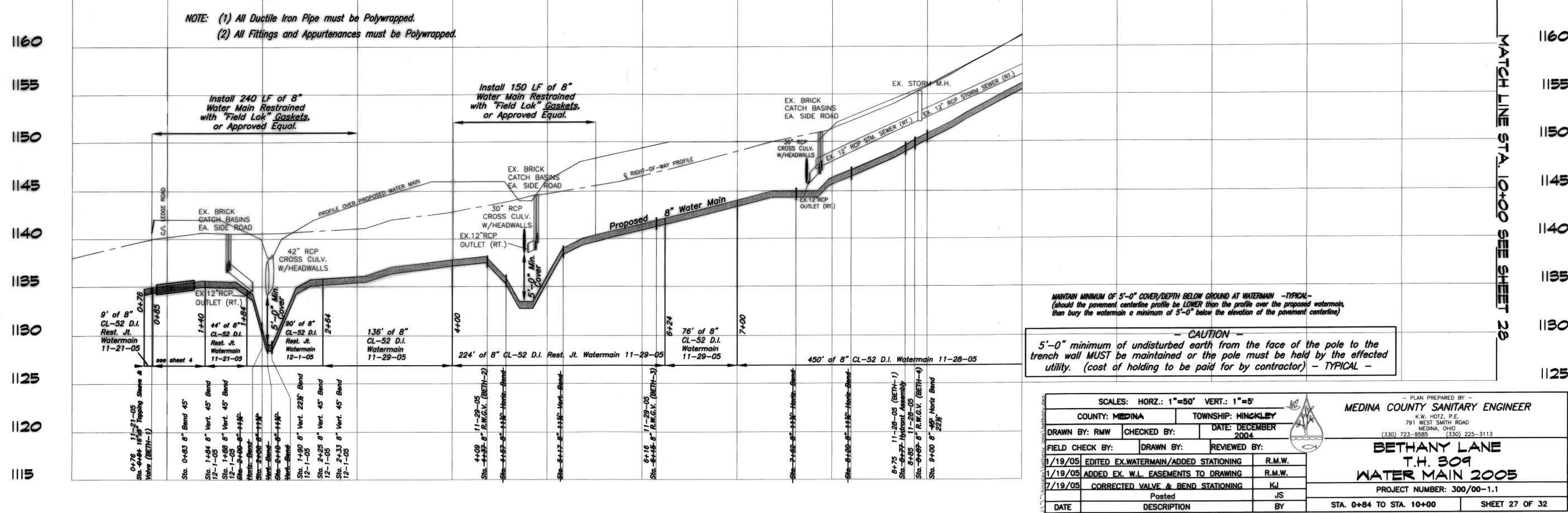
WANNON 2535014 V 403
11/09/05/000

0+76 11-21-05
Sta. 0+94 16"x8" Tapping Sleeve & Valve

Sta. 1+84 8" Vert. 45° Bend
Sta. 1+88 8" Vert. 45° Bend
Sta. 1+90 8" Vert. 45° Bend
Sta. 2+25 8" Vert. 45° Bend
Sta. 2+29 8" Vert. 45° Bend
Sta. 2+33 8" Vert. 45° Bend
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Sta. 2+57 8" Vert. 45° Bend
Sta. 2+61 8" Vert. 45° Bend
Sta. 2+65 8" Vert. 45° Bend
Sta. 2+69 8" Vert. 45° Bend
Sta. 2+73 8" Vert. 45° Bend
Sta. 2+77 8" Vert. 45° Bend
Sta. 2+81 8" Vert. 45° Bend
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Sta. 2+89 8" Vert. 45° Bend
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T.H. 309 BETHANY LANE 60' R/W

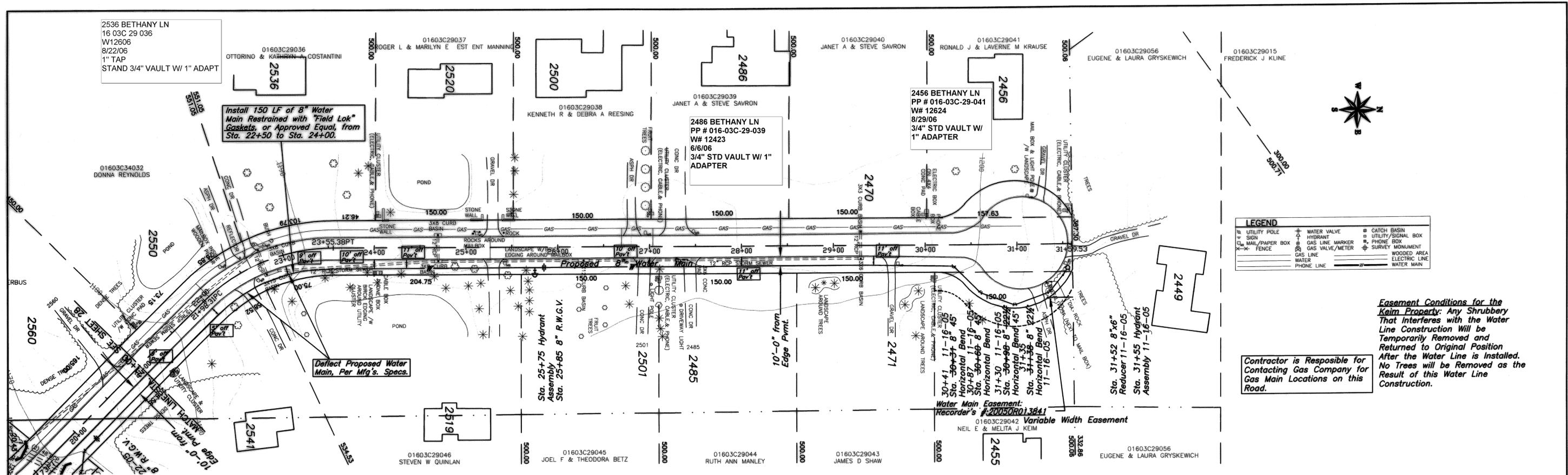
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: HINGKLEY	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY: RMW	CHECKED BY:	DATE: DECEMBER 2004	
FIELD CHECK BY:	DRAWN BY:	REVIEWED BY:	
1/19/05	EDITED EX. WATERMAIN/ADDED STATIONING	R.M.W.	
1/19/05	ADDED EX. W.L. EASEMENTS TO DRAWING	R.M.W.	
7/19/05	CORRECTED VALVE & BEND STATIONING	KJ	
	Posted	JS	
		BY	
PROJECT NUMBER: 300/00-1.1		STA. 0+84 TO STA. 10+00 SHEET 27 OF 32	



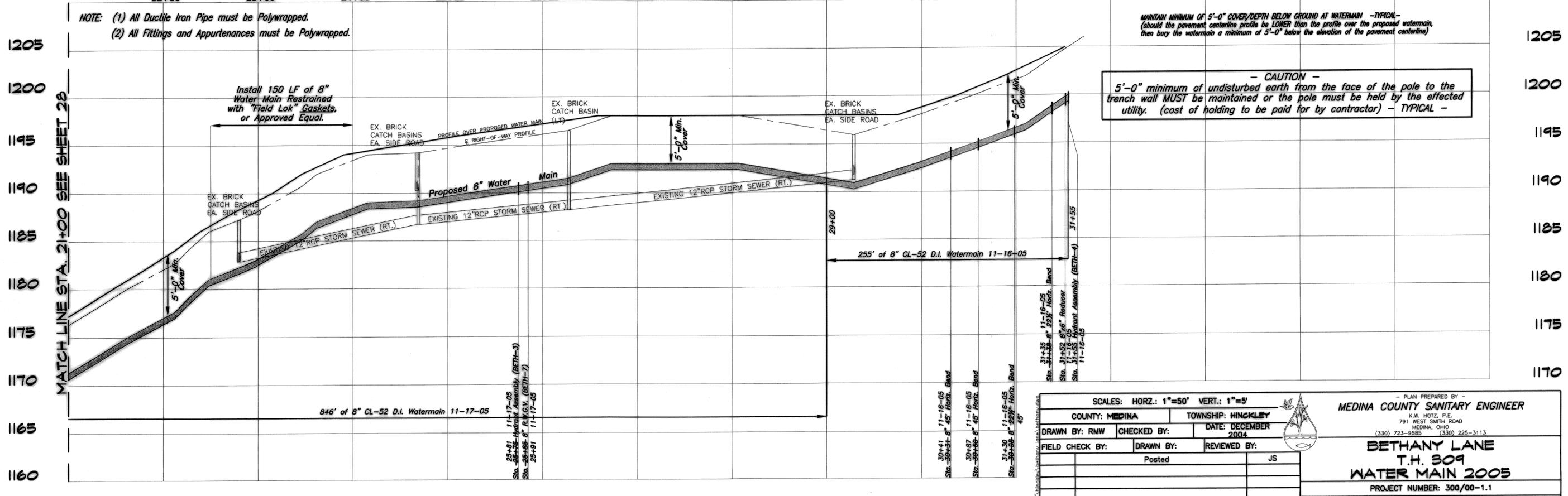
LEGEND

+	WATER VALVE	□	CATCH BASIN
+	HYDRANT	□	UTILITY/SIGNAL BOX
+	GAS LINE MARKER	□	PHONE BOX
+	GAS VALVE/METER	□	SURVEY MONUMENT
+	WATER	—	WOODED AREA
+	PHONE LINE	—	ELECTRIC LINE
+		—	WATER MAIN

Easement Conditions for the Keim Property: Any Shrubbery That Interferes with the Water Line Construction Will be Temporarily Removed and Returned to Original Position After the Water Line is Installed. No Trees will be Removed as the Result of this Water Line Construction.

Contractor is Responsible for Contacting Gas Company for Gas Main Locations on this Road.

T.H. 309 BETHANY LANE 60' R/W



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

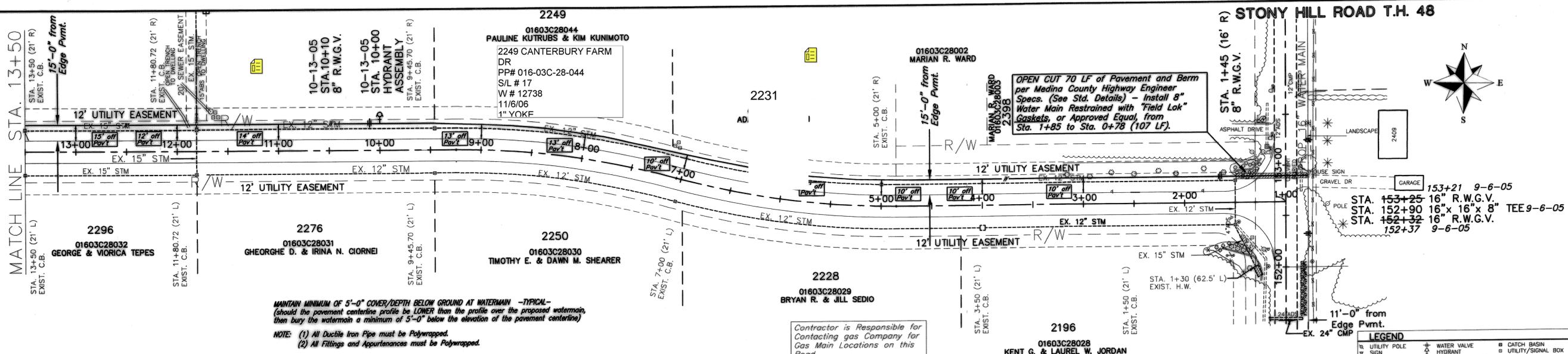
MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL- (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

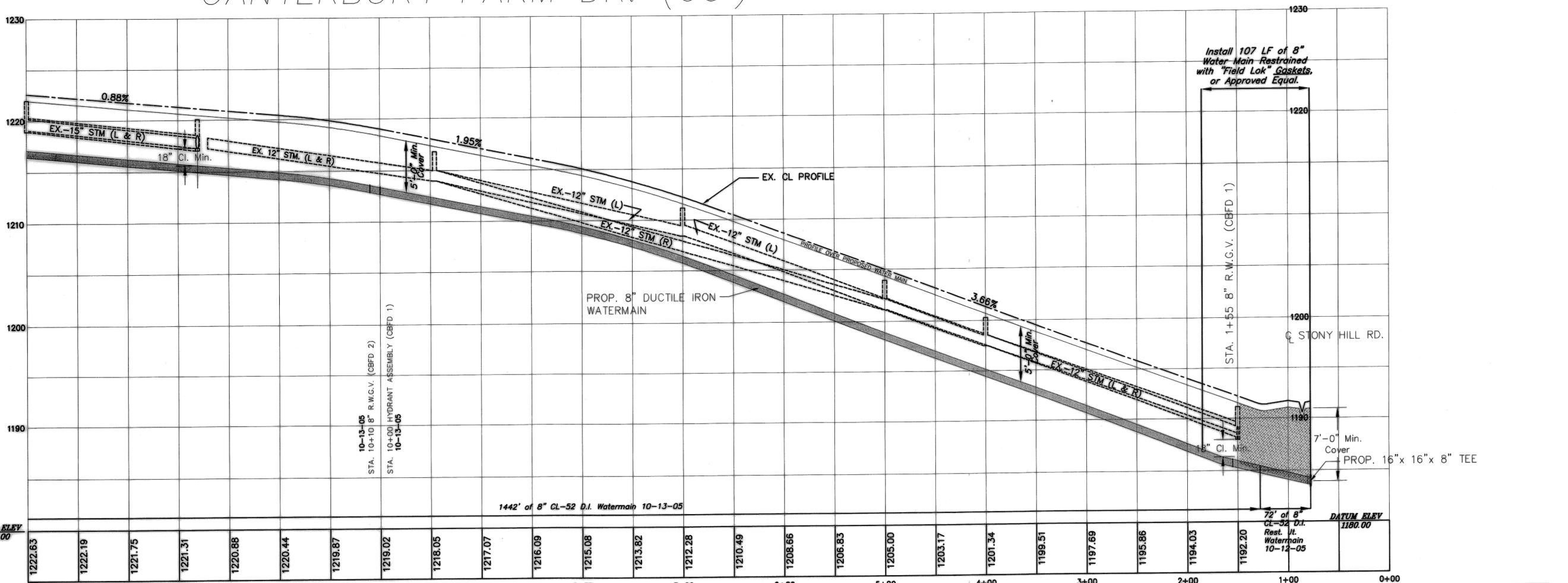
PLAN PREPARED BY -
MEDINA COUNTY SANITARY ENGINEER
K.W. HOTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO (330) 723-9585 (330) 225-3113

BETHANY LANE
T.H. 309
WATER MAIN 2005
PROJECT NUMBER: 300/00-1.1

SCALES: HORZ.: 1"=50' VERT.: 1"=5'
COUNTY: MEDINA TOWNSHIP: HINCKEY
DRAWN BY: RMW CHECKED BY: DATE: DECEMBER 2004
FIELD CHECK BY: DRAWN BY: REVIEWED BY:
POSTED BY: JS
DATE DESCRIPTION BY STA. 20+00 TO STA. 31+55 SHEET 29 OF 32



CANTERBURY FARM DR. (60')



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Contractor is Responsible for Contacting gas Company for Gas Main Locations on this Road.

OPEN CUT 70 LF of Pavement and Berm per Medina County Highway Engineer Specs. (See Std. Details) - Install 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 1+85 to Sta. 0+78 (107 LF).

LEGEND			
⊕	UTILITY POLE	⊕	WATER VALVE
⊕	HYDRANT	⊕	CATCH BASIN
⊕	MAIL/PAPER BOX	⊕	UTILITY/SIGNAL BOX
⊕	SIGN	⊕	PHONE BOX
⊕	GAS VALVE/METER	⊕	SURVEY MONUMENT
⊕	FENCE	⊕	WOODED AREA
⊕	WOODED AREA	⊕	ELECTRIC LINE
⊕	ELECTRIC LINE	⊕	PHONE LINE
⊕	PHONE LINE	⊕	WATER MAIN

CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

SCALES: HORZ.: 1"=50' VERT.: 1"=5'

COUNTY: MEDINA TOWNSHIP: HINCKLEY

DRAWN BY: EJ CHECKED BY: DATE: APRIL 2005

FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY:

DATE DESCRIPTION BY

PLANNED BY: MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO (330) 723-9585 (330) 225-3113

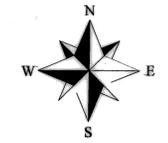
T.H. 749
CANTERBURY FARM DRIVE WATER MAIN 2005
 PROJECT NUMBER: 300/00-1.1

STA. 0+00 TO STA. 12+50 SHEET 29A OF 32

RESTRAINED CONC. BLOCKING
 EXIST. 12" STM
 STA. 25+04 (51.5' L) EXIST. C.B.
 STA. 25+51.72 (16' R) 25+50 10-18-05
 8" RESTRAINED PLUG WITH ALTERNATE FLUSHING ASSEMBLY TEST @ 150 PSI
 STA. 25+42 (16' R) 25+39 10-18-05
 8" R.W.G.V.

LEGEND

UTILITY POLE	WATER VALVE	CATCH BASIN
SIGN	HYDRANT	UTILITY/SIGNAL BOX
MAIL/PAPER BOX	GAS LINE MARKER	PHONE BOX
FENCE	GAS VALVE/METER	SURVEY MONUMENT
WOODED AREA	WATER	WOODED AREA
ELECTRIC LINE	PHONE LINE	WATER MAIN



2402 CANTERBURY FARMS TR
 SL11
 16 03C 28 038
 W12917
 3/08/07
 YOKE W/ 1" ADAPTOR

2402
 01603C28038
 MICHAEL J. & JESSICA J. KOHLER

2398
 01603C28037
 JEFFREY J. LIPTAK

2398 CANTERBURY FARM DR
 PP # 01603C28037
 W # 12073
 2/27/06
 1" YOKE

2372
 01603C28036
 JOHN W. & MARY R. MCRAE

2363
 01603C28039
 ALAN K. & GAIL M. FOLGER

Contractor is Responsible for Contacting gas Company for Gas Main Locations on this Road.

CANTERBURY FARM DR. (60')

2335
 01603C28040
 WILLIAM T. & ROSE MARIE KENDALL

2311
 01603C28041
 JEFFREY R. & IRENE KRIZE

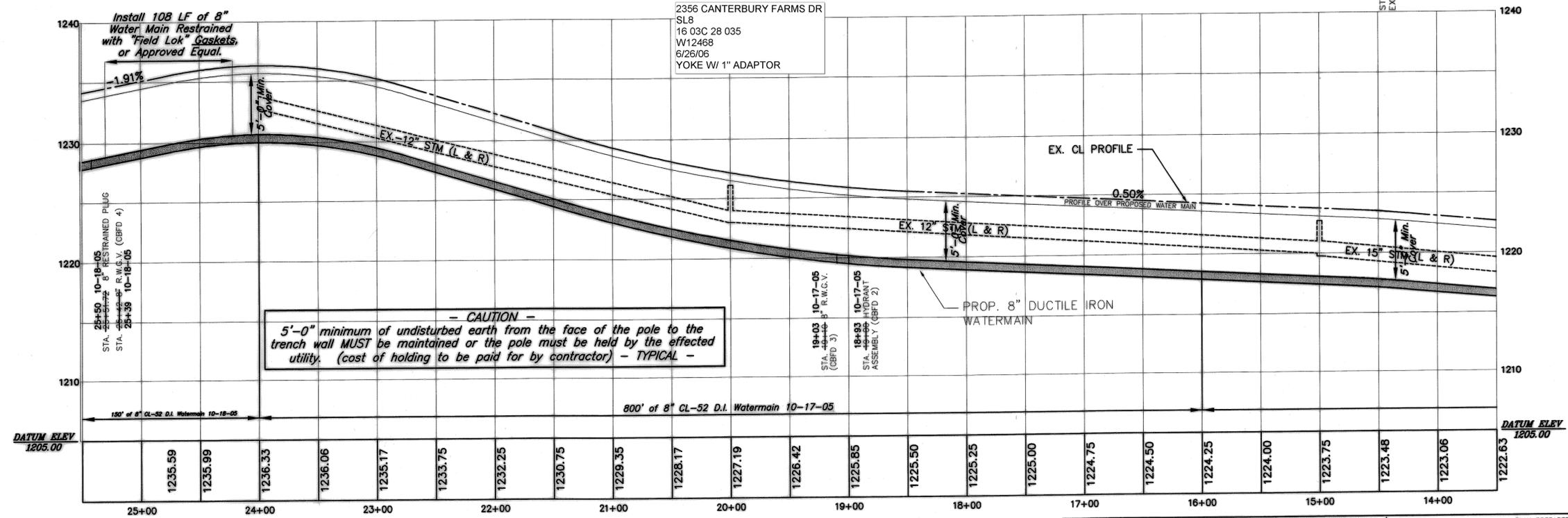
2340
 01603C28034
 DENNIS L. & FELICIA T. GRAVES

2216
 01603C28033
 DALE J. & KAREN B. SAVAGE

2356 CANTERBURY FARMS DR
 SL8
 16 03C 28 035
 W12468
 6/26/06
 YOKE W/ 1" ADAPTOR

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



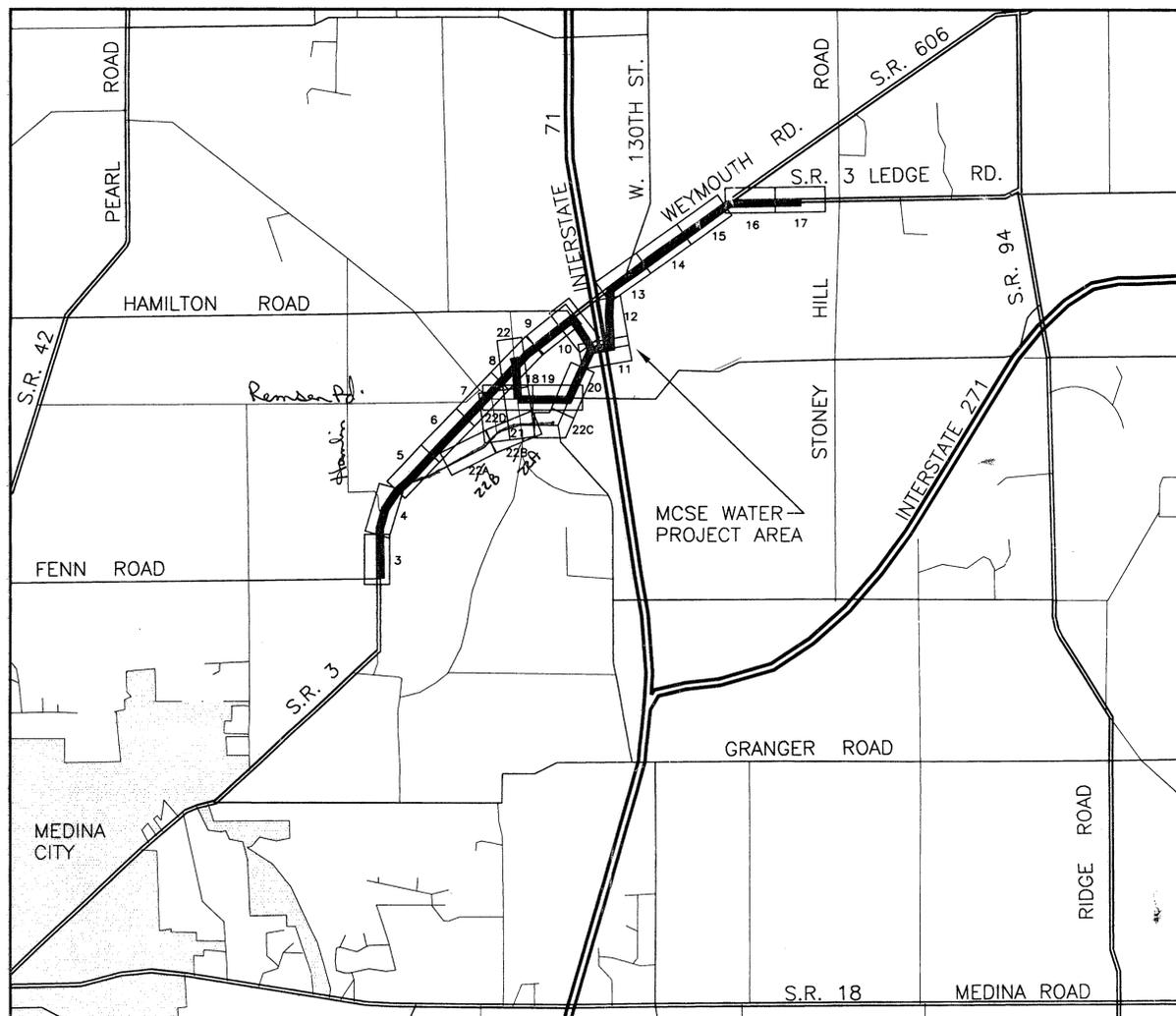
SCALES: HORZ.: 1"=50' VERT.: 1"=5'
 COUNTY: MEDINA TOWNSHIP: HINCKLEY
 DRAWN BY: EJ CHECKED BY: DATE: MAY, 2005
 FIELD CHECK BY: RW DRAWN BY: KJ REVIEWED BY:
 PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9565 (330) 225-3113
 T.H. 749
 CANTERBURY FARM DRIVE
 WATER MAIN 2005
 PROJECT NUMBER: 300/00-1.1
 STA. 12+50 TO STA. 24+52 SHEET 29B OF 32

DATE	DESCRIPTION	BY

WATER SYSTEM IMPROVEMENT

for

S.R. 3 S.H. 32 WEYMOUTH ROAD & LEDGE ROAD, C.H. 32 SOUTH WEYMOUTH ROAD, T.H. 37 REMSEN ROAD & T.H. 188 FRANTZ ROAD MEDINA COUNTY, OHIO



SCALE 2" = 1 MILE

JAMES A. MORRISON, P.E. REG. No. 26480

DATE



HYDRANT CODES POSTED
21 FEBRUARY 2003

INDEX OF DRAWINGS

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1.....	COVER SHEET
2.....	GENERAL NOTES
3.....	PLAN AND PROFILE: STA. 788+87 TO 803+00 WEYMOUTH ROAD
4.....	PLAN AND PROFILE: STA. 803+00 TO 818+00 WEYMOUTH ROAD
5.....	PLAN AND PROFILE: STA. 818+00 TO 833+00 WEYMOUTH ROAD
6.....	PLAN AND PROFILE: STA. 833+00 TO 848+00 WEYMOUTH ROAD
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8.....	PLAN AND PROFILE: STA. 863+00 TO 878+00 WEYMOUTH ROAD
9.....	PLAN AND PROFILE: STA. 878+00 TO 890+48 WEYMOUTH ROAD
10.....	PLAN AND PROFILE: STA. 90+80 TO 79+00 SOUTH WEYMOUTH ROAD
11.....	PLAN AND PROFILE: STA. 72+00 TO 79+00 SOUTH WEYMOUTH ROAD
11.....	PLAN AND PROFILE: STA. 1089+4.0 478' LT TO 238' RT EASEMENT
12.....	PLAN AND PROFILE: STA. 1089+4.5 TO 1100+00 EASEMENT
13.....	PLAN AND PROFILE: STA. 902+00 TO 917+00 WEYMOUTH ROAD
14.....	PLAN AND PROFILE: STA. 917+00 TO 932+00 WEYMOUTH ROAD
15.....	PLAN AND PROFILE: STA. 932+00 TO 947+00 WEYMOUTH ROAD
16.....	PLAN AND PROFILE: STA. 947+00 TO 949+97.35 WEYMOUTH ROAD
16.....	PLAN AND PROFILE: STA. 0+00 TO 12+00 LEDGE ROAD
17.....	PLAN AND PROFILE: STA. 12+00 TO 13+4.0 LEDGE ROAD
18.....	PLAN AND PROFILE: STA. 4+71 TO 13+00 REMSEN ROAD
19.....	PLAN AND PROFILE: STA. 13+00 TO 26+66 REMSEN ROAD
20.....	PLAN AND PROFILE: STA. 60+35 TO 72+00 SOUTH WEYMOUTH ROAD
21.....	PLAN AND PROFILE: STA. 7+73 TO 15+00 FRANTZ ROAD
22.....	PLAN AND PROFILE: STA. 15+00 TO 23+35 FRANTZ ROAD
22A.....	PLAN AND PROFILE: STA. + TO 29+00 SOUTH WEYMOUTH ROAD
22B.....	PLAN AND PROFILE: STA. 29+00 TO 44+00 SOUTH WEYMOUTH ROAD
22C.....	PLAN AND PROFILE: STA. 44+00 TO + SOUTH WEYMOUTH ROAD
22D.....	PLAN AND PROFILE: STA. 1+25 TO 10+94 CHURCH ROAD
23.....	PUMP STATION
24.....	HYDRANT AND VALVE LOCATION MAP
25.....	TRAFFIC CONTROL PLAN
26.....	STANDARD DETAIL SHEET—MCSE WATER MAIN STANDARDS
27.....	EROSION CONTROL AND SEDIMENTATION CONTROL

NOTE: YELLOW = HYDRE (DIRECTIONAL BORE)

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY:	
COUNTY: MEDINA	TOWNSHIP: MEDINA, GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: OCT. 2001	S.R. 3, S. WEYMOUTH RD., REMSEN RD. & FRANTZ RD. WATER MAIN 2001
DATE	DESCRIPTION	BY	
1/4/02	ADDENDUM	MCSE	WATER DISTRICT 500
DATE	DESCRIPTION	BY	SHEET 1 OF 27

C.H. 70 FENN ROAD



026-06D-02-056
GOLFSIDE CORPORATION
12.1860 ac.

026-06B-34-007
BETTE A. KASHI
9.6460 ac.

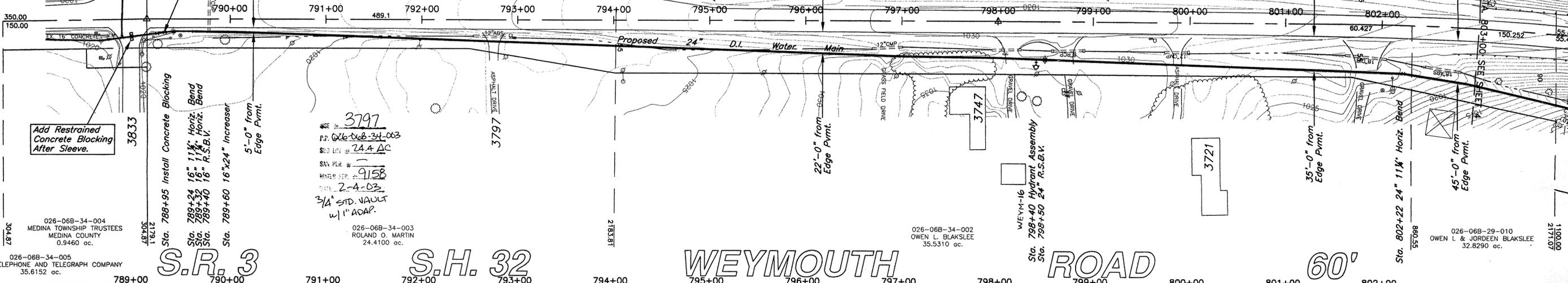
026-06B-34-002
OWEN L. BLAKSLEE
35.5310 ac.

Sta. 788+87 Remove Existing 8" Water Main and Valve. Then Install a 16" Price Bros. Spigot Adaptor and Continue with a 16" Mechanical Joint Sleeve with Megalugs.

NOTE:
Add Restrained Concrete Blocking After Sleeve.

Add Restrained Concrete Blocking After Sleeve.

3797
P.P. 026-06B-34-003
S.D. LOT # 24.4 AC
S.A. PER # 9158
DATE 2-4-03
3/4" STD. VAULT w/ 1" A.O.A.P.



S.R. 3

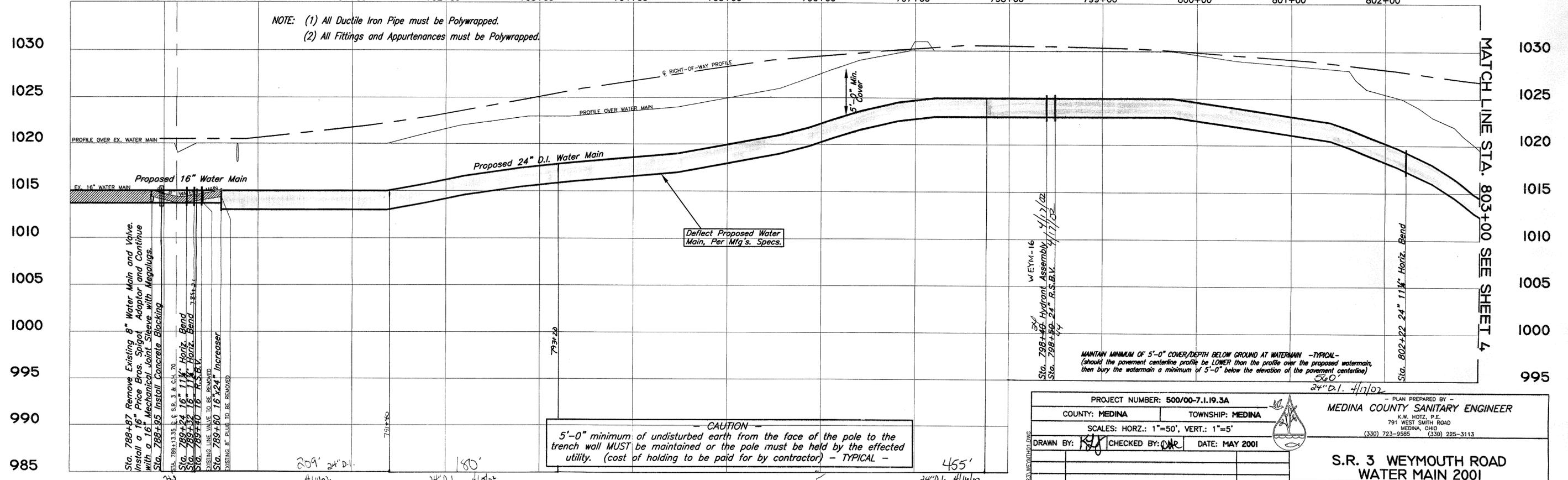
S.H. 32

WEYMOUTH

ROAD

60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

PROJECT NUMBER: 500/00-7.1.19.3A		
COUNTY: MEDINA	TOWNSHIP: MEDINA	
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'		
DRAWN BY: KJG	CHECKED BY: OWR	DATE: MAY 2001
MEDINA COUNTY SANITARY ENGINEER K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113		
S.R. 3 WEYMOUTH ROAD WATER DISTRICT 500		
DATE	DESCRIPTION	BY
	STA. 788+87 TO STA. 803+00	SHEET 3 OF 27

026-068-29-028
NADINE WHITE
11.0503 ac.

026-068-29-027
JAMES C. & TERESA M. PAPESH
11.1362 ac.

026-068-29-016
DONALD R. & JANET L. BOWER
2.5934 ac.

026-068-29-008
DONALD R. & JANET L. BOWER
7.8902 ac.

026-068-29-022
DONALD R. & JANET L. BOWER
3.7279 ac.

026-068-29-020
EAST OHIO CONFERENCE OF THE
UNITED METHODIST CHURCH
0.8016 ac.

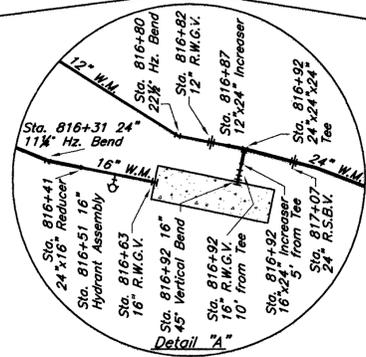
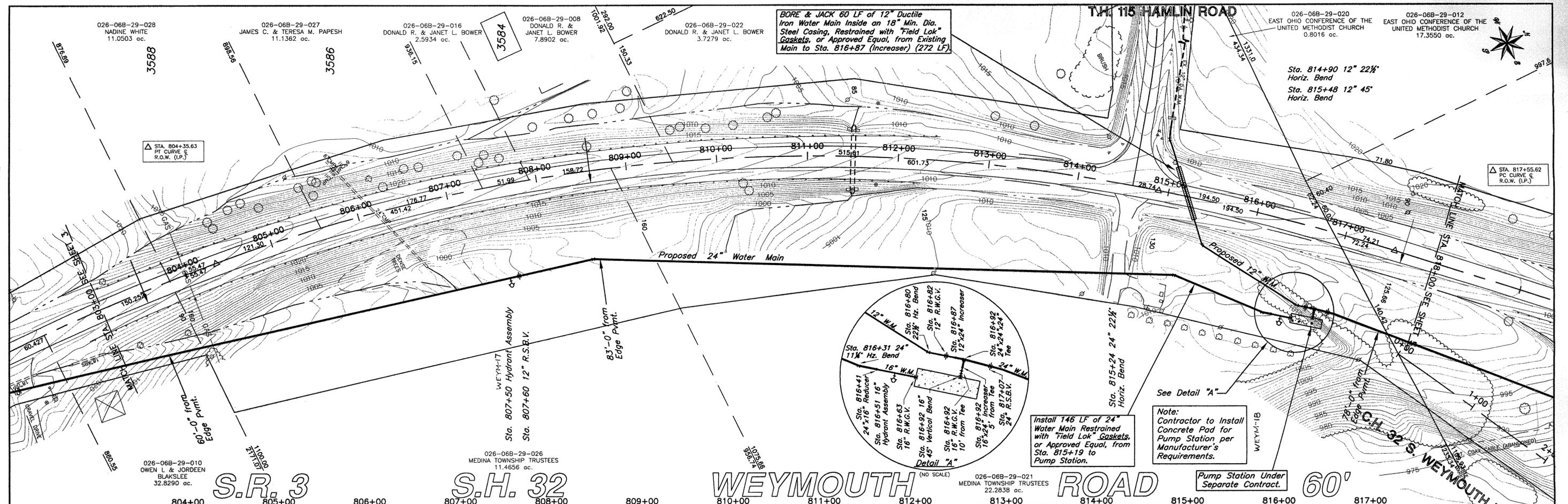
026-068-29-012
EAST OHIO CONFERENCE OF THE
UNITED METHODIST CHURCH
17.3550 ac.



BORE & JACK 60 LF of 12" Ductile Iron Water Main Inside an 18" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Existing Main to Sta. 816+87 (Inverter) (272 LF)

△ STA. 804+35.63
PT CURVE &
R.O.W. (L.P.)

△ STA. 817+55.62
PT CURVE &
R.O.W. (L.P.)



Install 146 LF of 24" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 815+19 to Pump Station.

Note: Contractor to Install Concrete Pad for Pump Station, per Manufacturer's Requirements.

Pump Station Under Separate Contract.

S.R. 3

S.H. 32

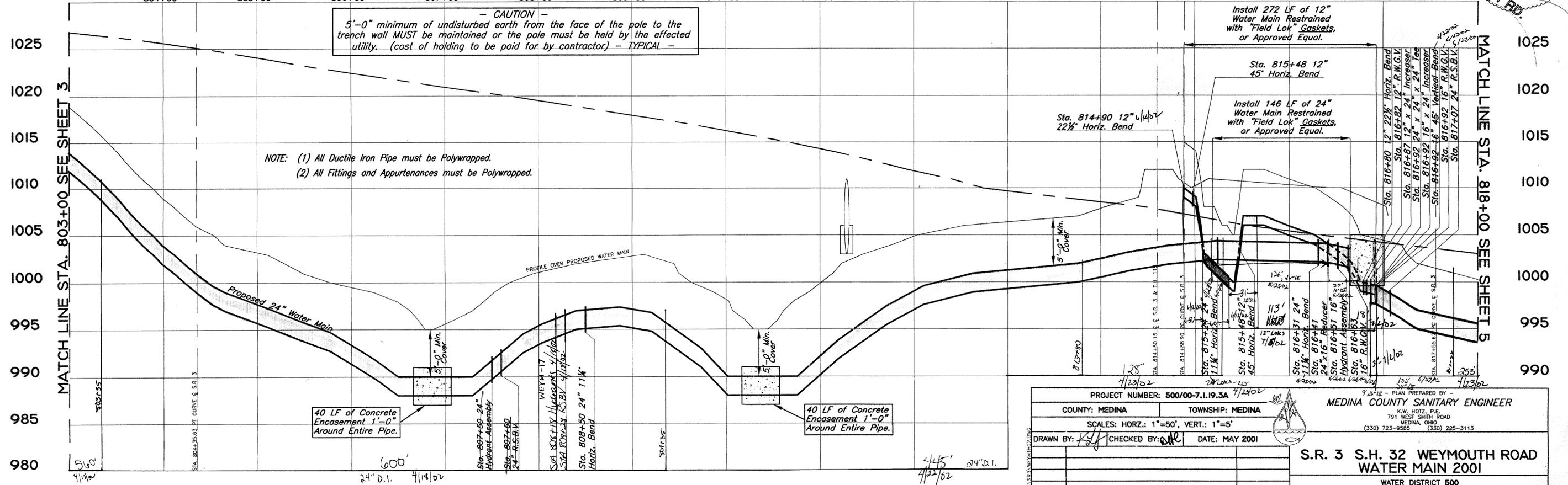
WEYMOUTH ROAD

WEYMOUTH ROAD

60'

CAUTION - 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

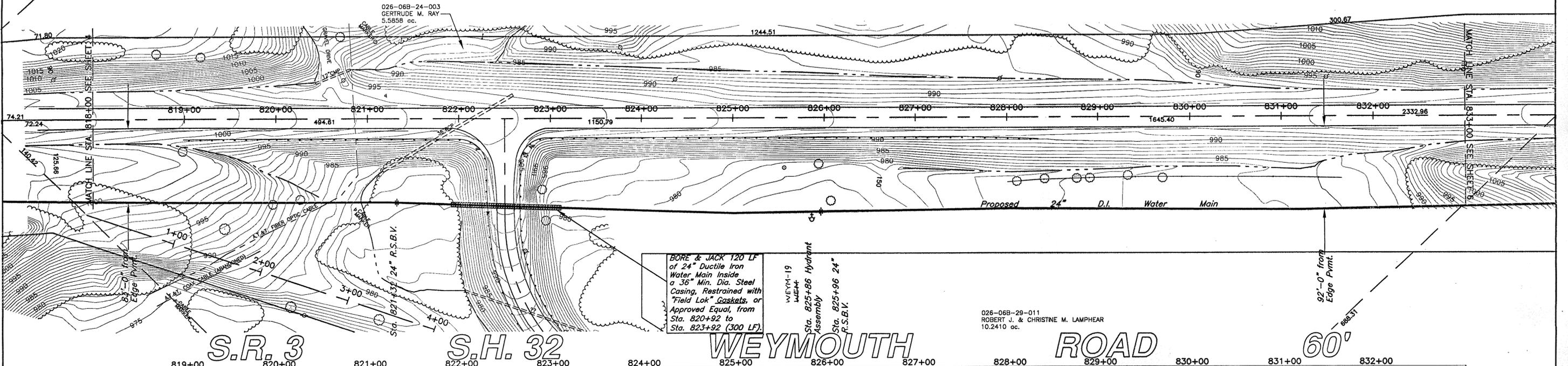
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



PROJECT NUMBER: 500/00-7.1.19.3A		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E.	
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'		791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3115	
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: MAY 2001	
S.R. 3 S.H. 32 WEYMOUTH ROAD WATER MAIN 2001			
WATER DISTRICT 500			
DATE	DESCRIPTION	BY	STA. 803+00 TO STA. 818+00 SHEET 4 OF 27

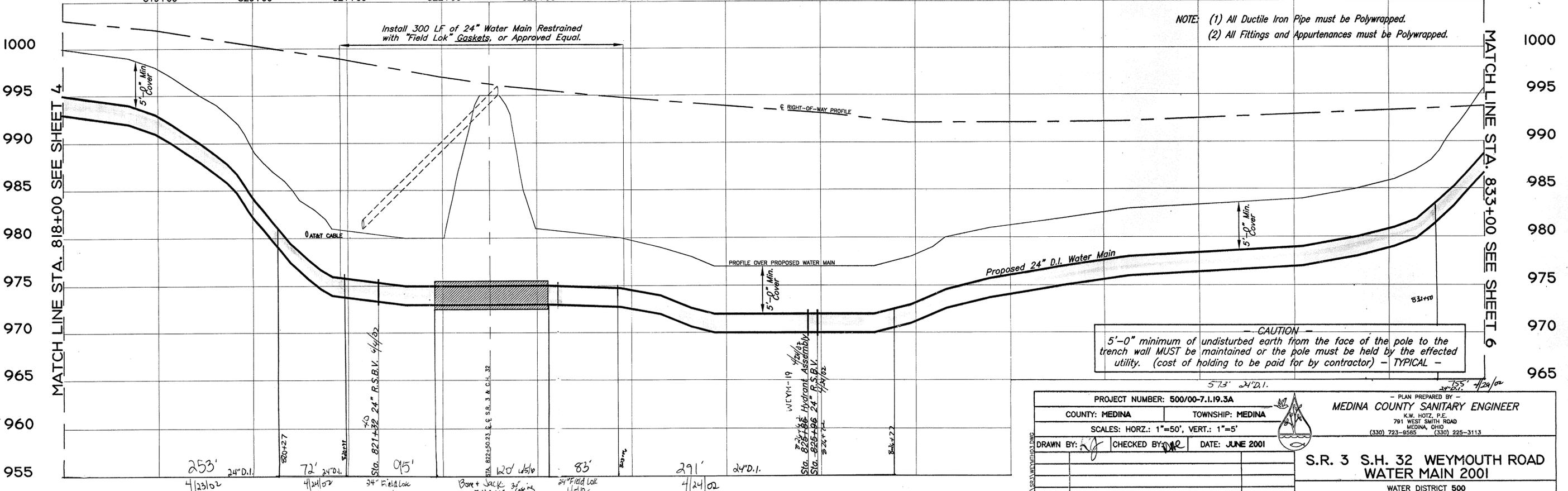
Note:
Prior to Excavating Under
the AT&T Fiber Optic Cable,
Contact AT&T at
(216) 496-8195. Ask for
Charlie Grau.
AT&T Must Be Present At
Time of Excavation.

026-06B-24-002
AUL & CHRISTA J. NIEHAUS
& GERTRUDE M. RAY
42.7920 ac.



BORE & JACK 120 LF
of 24" Ductile Iron
Water Main Inside
a 36" Min. Dia. Steel
Casing, Restrained with
"Field Lok" Gaskets, or
Approved Equal, from
Sta. 820+92 to
Sta. 823+92 (300 LF)

026-06B-29-011
ROBERT J. & CHRISTINE M. LAMPHEAR
10.2410 ac.



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

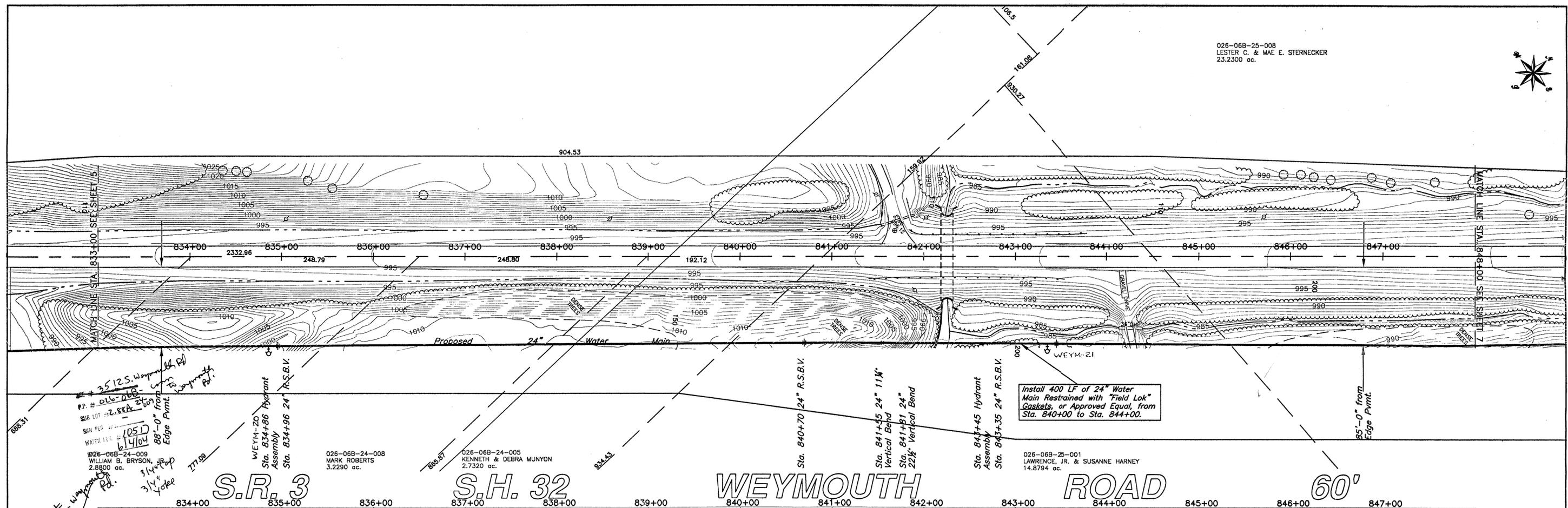
CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the
trench wall MUST be maintained or the pole must be held by the effected
utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		DATE: JUNE 2001	
DRAWN BY: [Signature]		CHECKED BY: [Signature]	
DATE		DESCRIPTION	
STA. 818+00 TO STA. 833+00		SHEET 5 OF 27	

S.R. 3 S.H. 32 WEYMOUTH ROAD
WATER MAIN 2001

WATER DISTRICT 500

026-06B-25-008
LESTER C. & MAE E. STERNECKER
23.2300 ac.

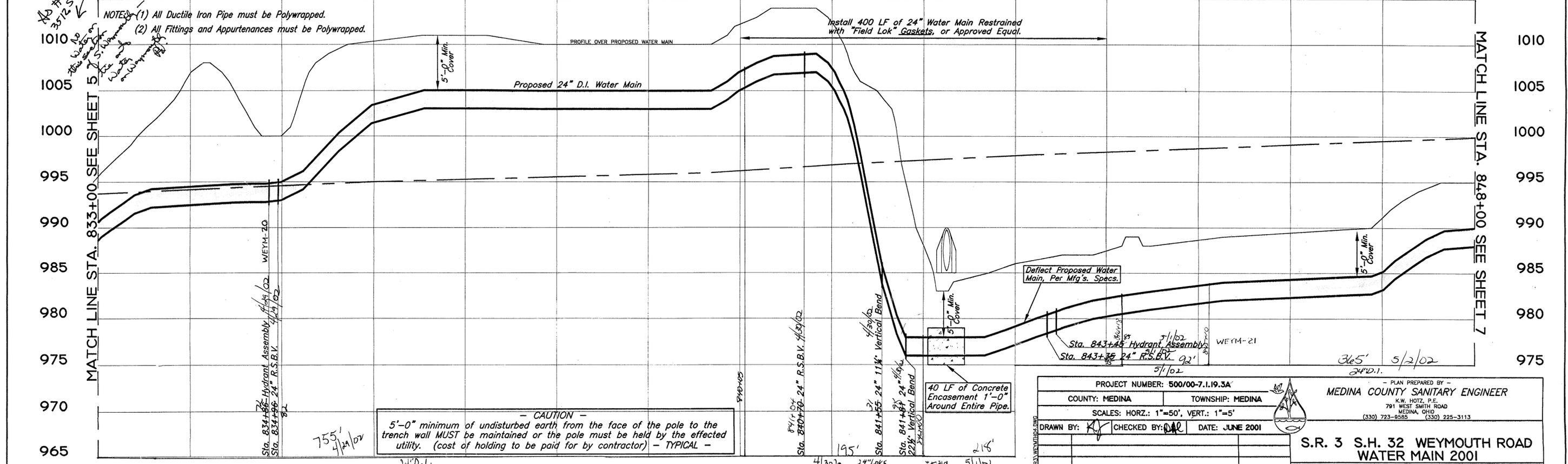


S.R. 3

S.H. 32

WEYMOUTH ROAD

60'



NOTES: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

40 LF of Concrete Encasement 1'-0" Around Entire Pipe.

PROJECT NUMBER: 500/00-7.1.19.3A		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: MEDINA	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E.	
DRAWN BY: [Signature]		791 WEST SMITH ROAD	
CHECKED BY: [Signature]	DATE: JUNE 2001	MEDINA, OHIO	
		(330) 723-8585 (330) 225-3113	
S.R. 3 S.H. 32 WEYMOUTH ROAD WATER MAIN 2001			
WATER DISTRICT 500			
DATE	DESCRIPTION	BY	STA. 833+00 TO STA. 848+00 SHEET 6 OF 27

026-06B-25-008
LESTER C. & MAE E. STERNECKER
23.2300 ac.

T.H. 37 REMSEN RD.

T.H. 109 FOSKETT RD.

026-06B-18-040
JAMES F. & MONICA T. CAVEY
2.5096 ac.

026-06B-18-044
MILATTO G. STORN
& RHONDA ARROYO
6.4696 ac.

026-06B-18-043
STATE OF OHIO DEPARTMENT
OF TRANSPORTATION
2.1656 ac.

026-06B-18-043
STATE OF OHIO DEPARTMENT
OF TRANSPORTATION
2.1656 ac.

026-06B-18-019
BONNIE RINGGENBERG
5.8560 ac.

BORE & JACK 50 LF of 12" Ductile
Iron Water Main Inside on 12" Min. Dia.
Steel Casing, Restrained with "Field
Lok" Gaskets, or Approved Equal, from
12" Restrained Plug to 24" x 12" x 24"
Tee (205 LF).

OPEN CUT 40 LF of Pavement and Berm
per Medina County Highway Engineer
Specs. (See Std. Details) - Install 24"
Water Main Restrained with "Field Lok"
Gaskets, or Approved Equal, from
Sta. 857+38 to Sta. 855+93 (145 LF).

026-06B-25-008
LESTER C. & MAE E. STERNECKER
23.2300 ac.

S.R. 3

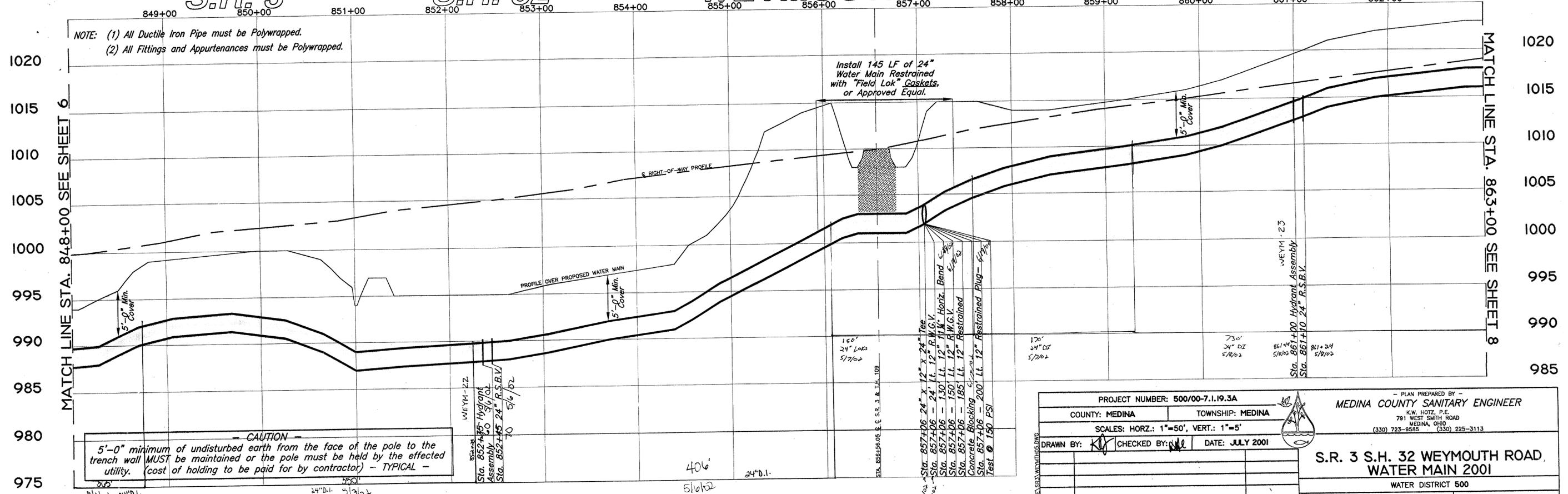
S.H. 32

WEYMOUTH ROAD

WEYMOUTH ROAD

60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the
trench wall MUST be maintained or the pole must be held by the effected
utility. (cost of holding to be paid for by contractor) - TYPICAL -

Install 145 LF of 24"
Water Main Restrained
with "Field Lok"
Gaskets,
or Approved Equal.

Sta. 857+06 - 24" x 12" x 24" Tee
Sta. 857+06 - 24" Lt.
12" R.M.G.V.
Sta. 857+06 - 130' Lt.
12" 11 1/2" Horiz. Bend
Sta. 857+06 - 150' Lt. 12" R.M.G.V.
Sta. 857+06 - 185' Lt. 12" R.M.G.V.
Sta. 857+06 - 200' Lt. 12" Restrained Plug - 4" Dia.
Test @ 150 PSI

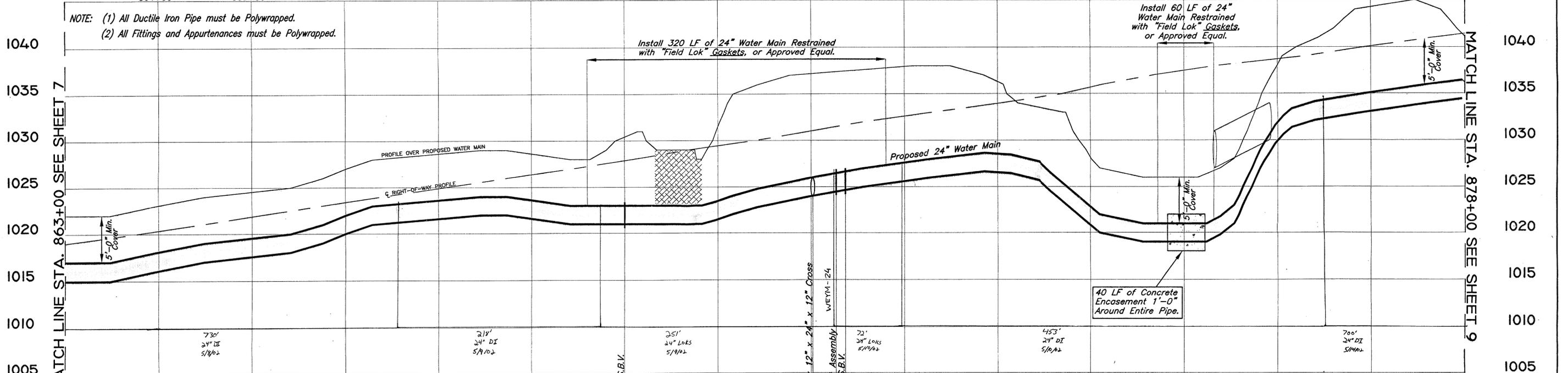
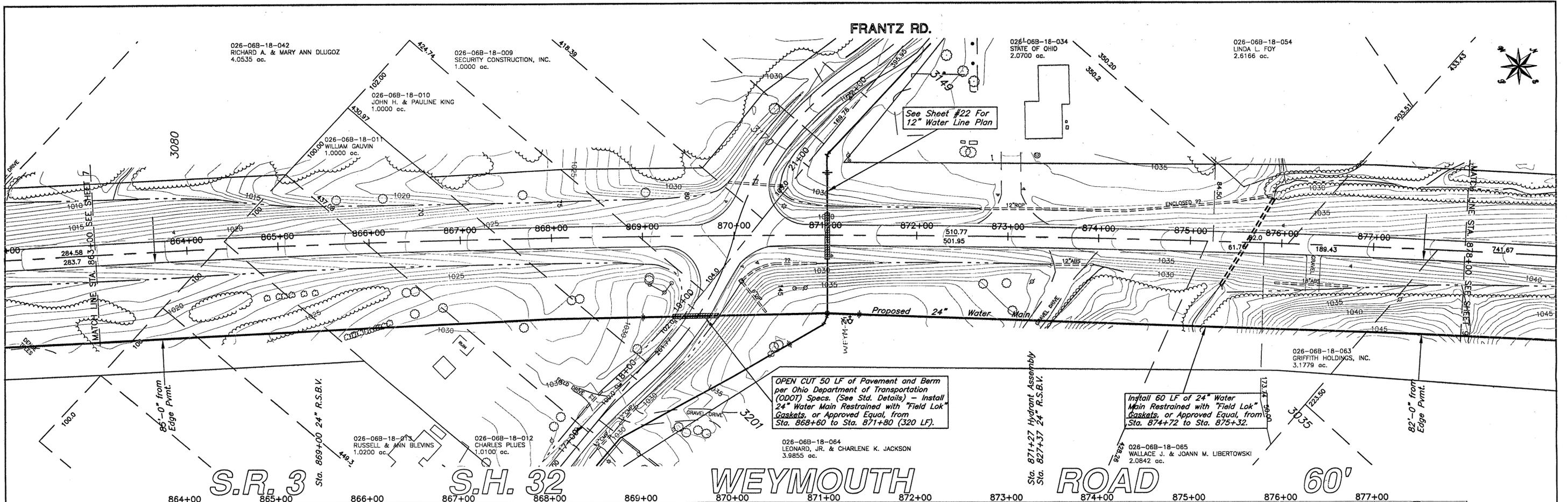
WEYMH-22
Sta. 852+33 Hydrant
Assembly
Sta. 852+45 24" R.S.B.V.

WEYMH-23
Sta. 861+00 Hydrant
Assembly
Sta. 861+10 24" R.S.B.V.

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: JULY 2001	
DATE		DESCRIPTION	BY
STA. 848+00 TO STA. 863+00		SHEET 7 OF 27	

S.R. 3 S.H. 32 WEYMOUTH ROAD
WATER MAIN 2001

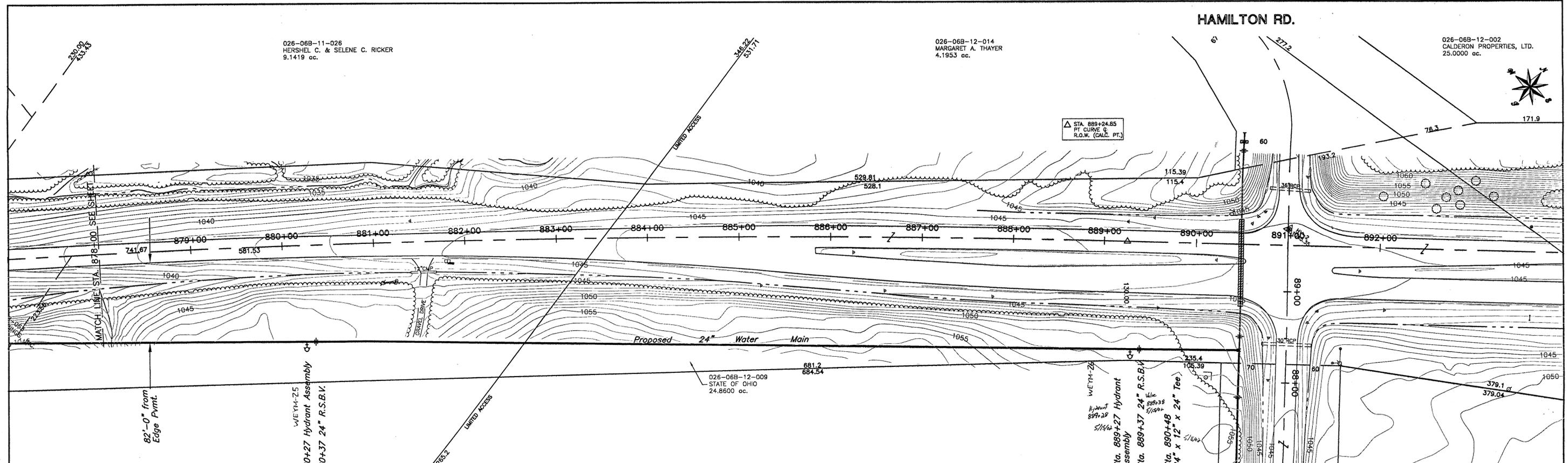
WATER DISTRICT 500



CAUTION

5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY	
COUNTY: MEDINA	TOWNSHIP: MEDINA	MEDINA COUNTY SANITARY ENGINEER	
791 WEST SMITH ROAD MEDINA, OHIO (330) 723-8585 (330) 225-3113			
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'	DRAWN BY: <i>KJ</i>	CHECKED BY: <i>SW</i>	DATE: JULY 2001
S.R. 3 S.H. 32 WEYMOUTH ROAD		WATER DISTRICT 500	
STA. 863+00 TO STA. 878+00		SHEET 8 OF 27	
DATE	DESCRIPTION	BY	



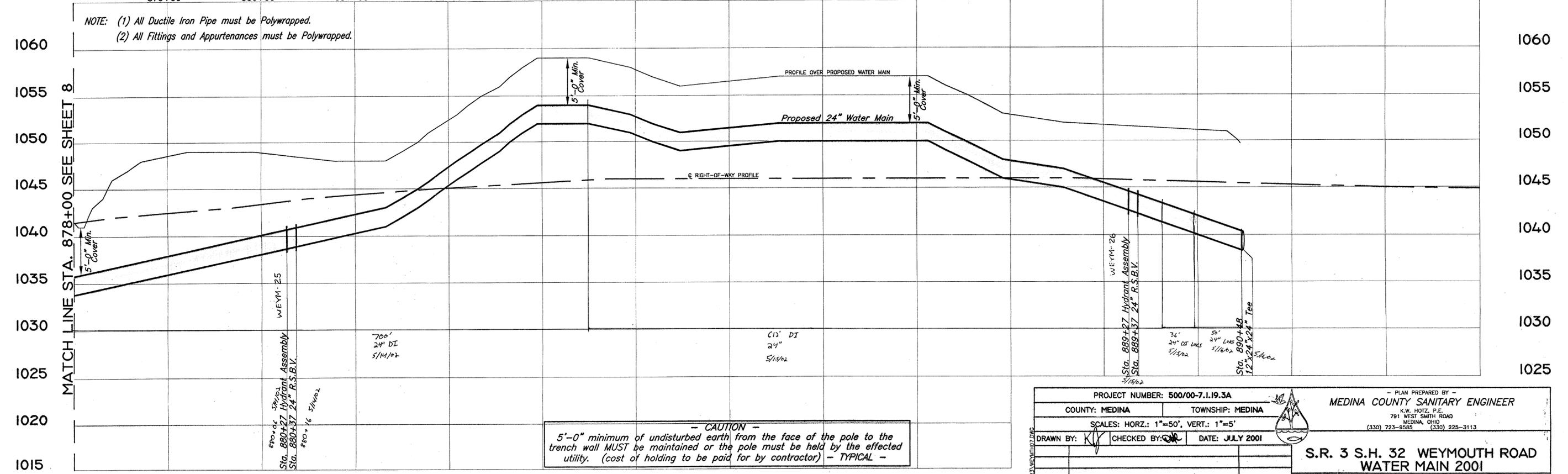
S.R. 3

S.H. 32

WEYMOUTH ROAD

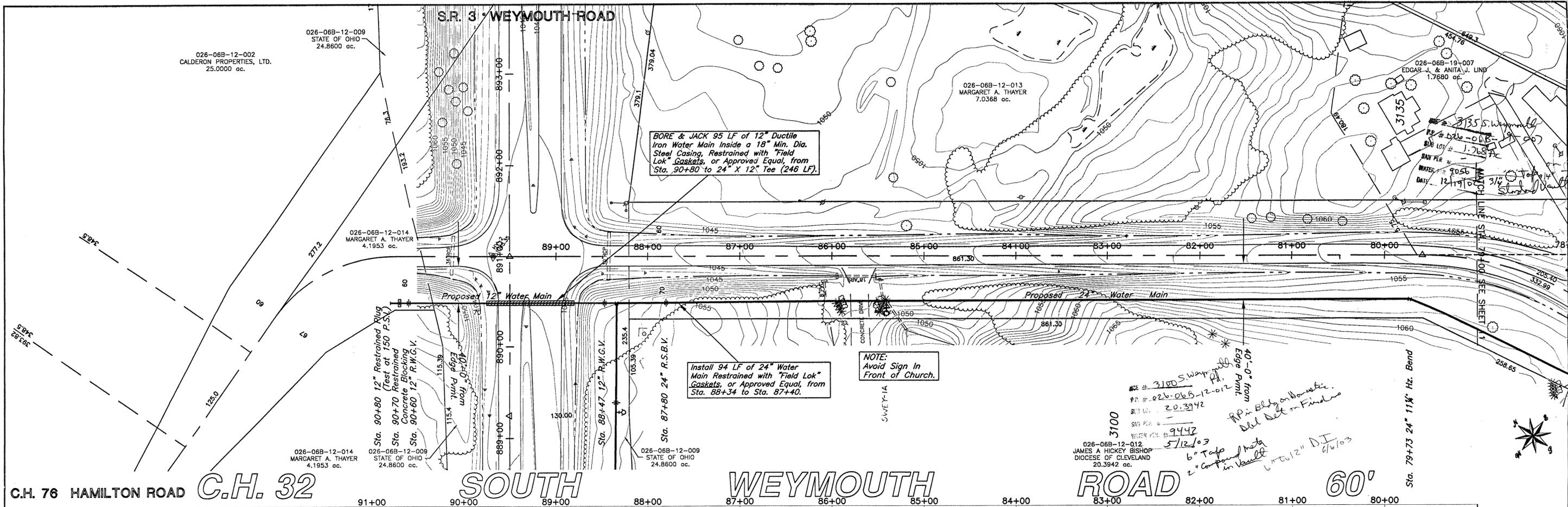
SOUTH WEYMOUTH RD. 60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



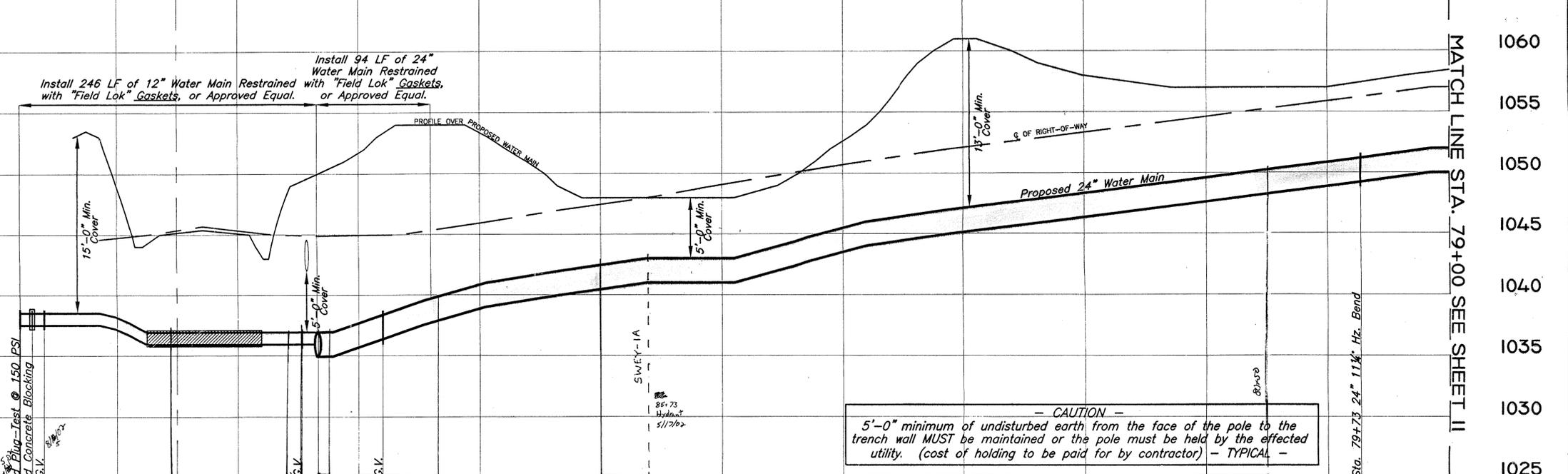
- CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: JULY 2001	
S.R. 3 S.H. 32 WEYMOUTH ROAD		WATER DISTRICT 500	
WATER MAIN 2001		STA. 878+00 TO STA. 890+48	
DATE	DESCRIPTION	BY	SHEET 9 OF 27



C.H. 76 HAMILTON ROAD **C.H. 32 SOUTH WEYMOUTH ROAD** 60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

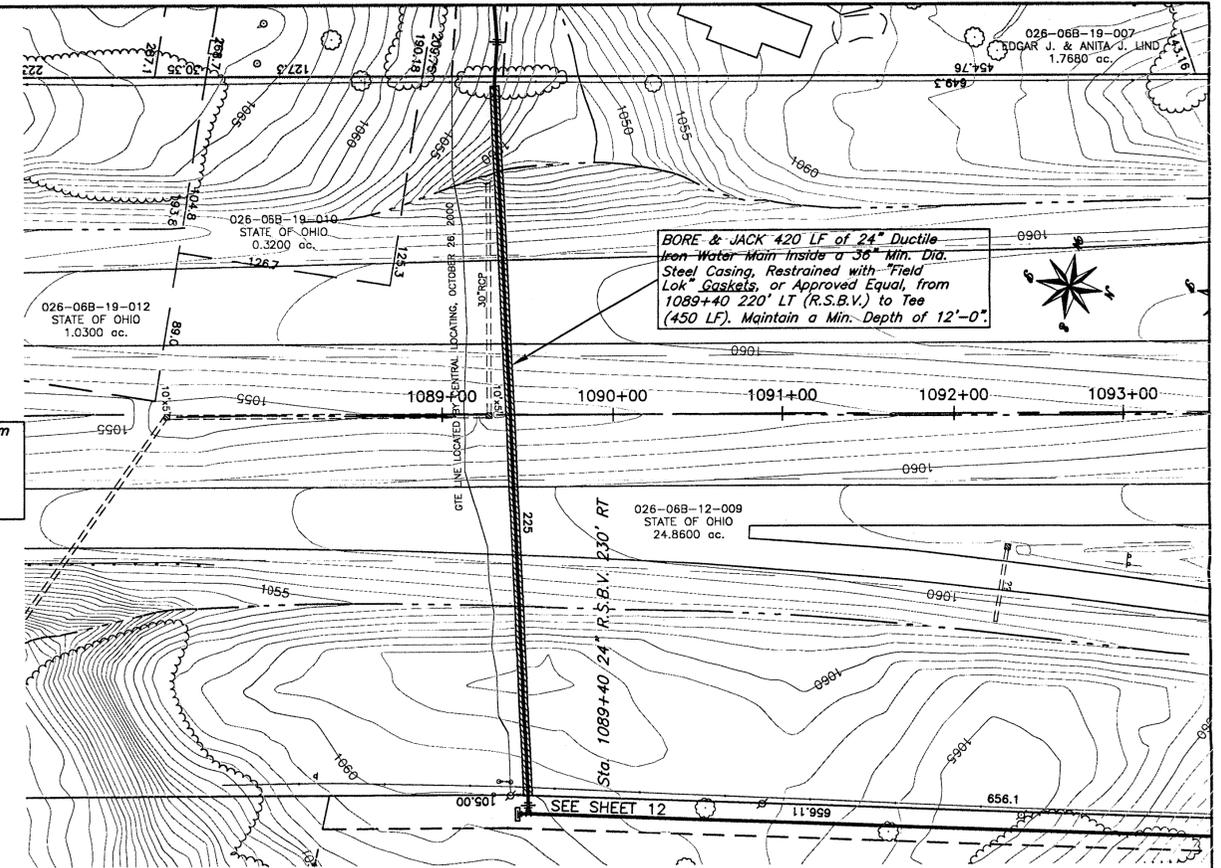
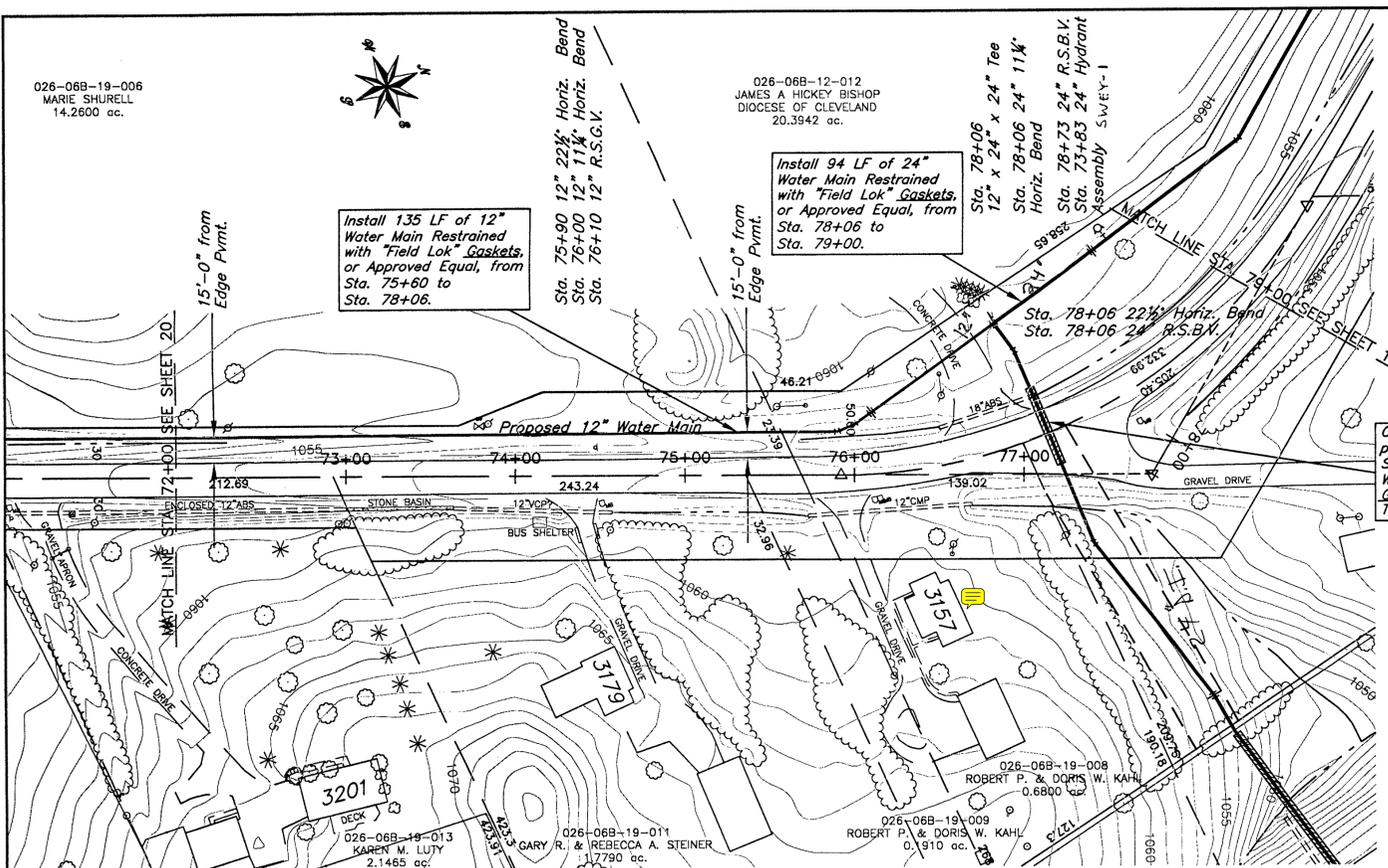


CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

Sta. 90+80 Restrainted Plug-Test @ 150 PSI	12' LOKS 8/11/02	95' 12" LOKS 8/11/02	DARED 5/11/02	11" DI 8/11/02	12" DI 8/11/02	134' 24" DI 5/11/02	5.50' 24" DI 5/11/02
Sta. 90+70 Restrainted Concrete Blocking							
Sta. 90+60 12" R.W.G.V.							
Sta. 88+47 12" R.W.G.V.							
Sta. 87+80 24" R.W.G.V.							

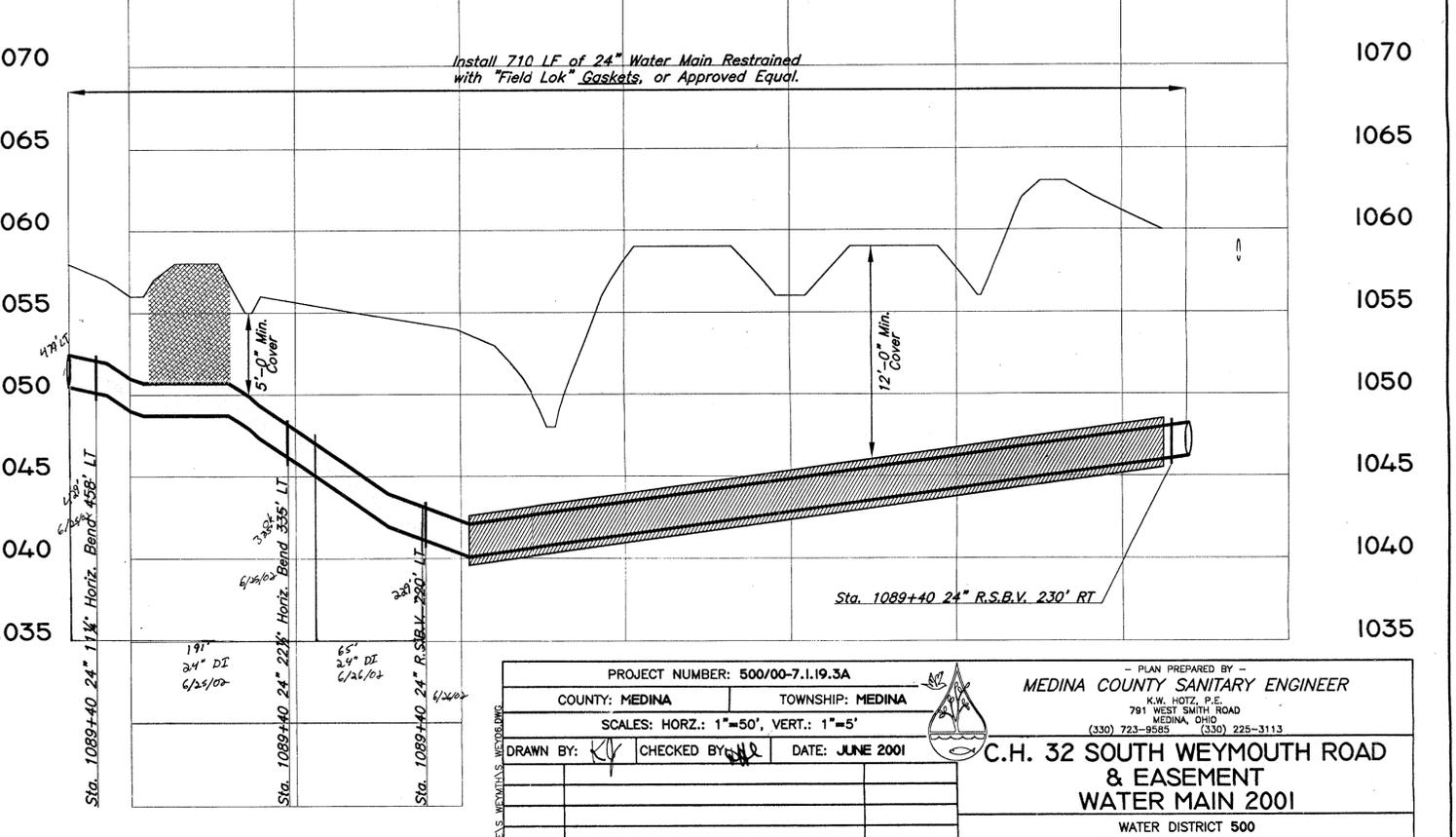
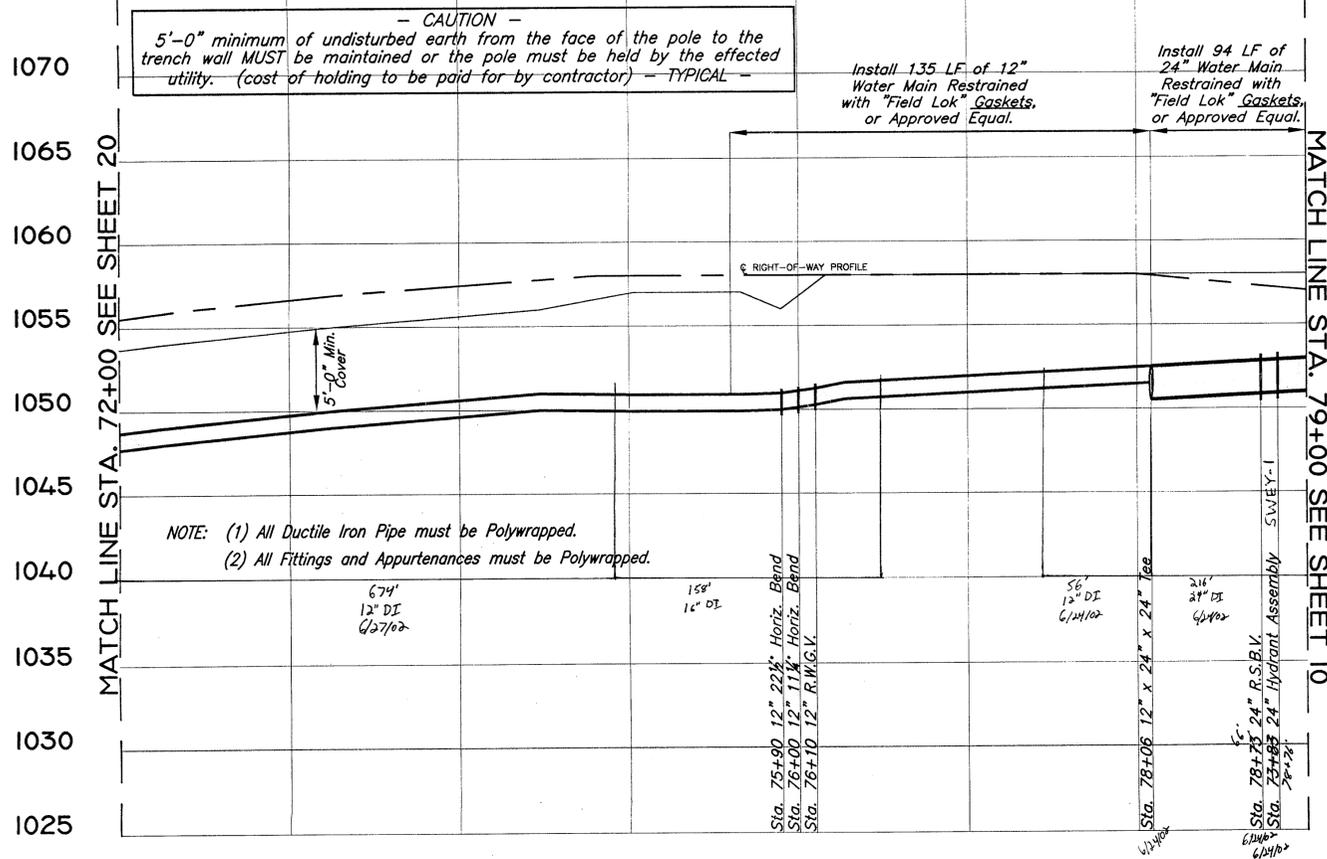
MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOIZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9588 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		DATE: JUNE 2001	
DRAWN BY: [Signature]	CHECKED BY: [Signature]	S.R. 3 WEYMOUTH ROAD C.H. 32 SOUTH WEYMOUTH ROAD WATER MAIN 2001	
WATER DISTRICT 500		STA. 90+80 TO STA. 79+00	
DATE	DESCRIPTION	BY	SHEET 10 OF 27

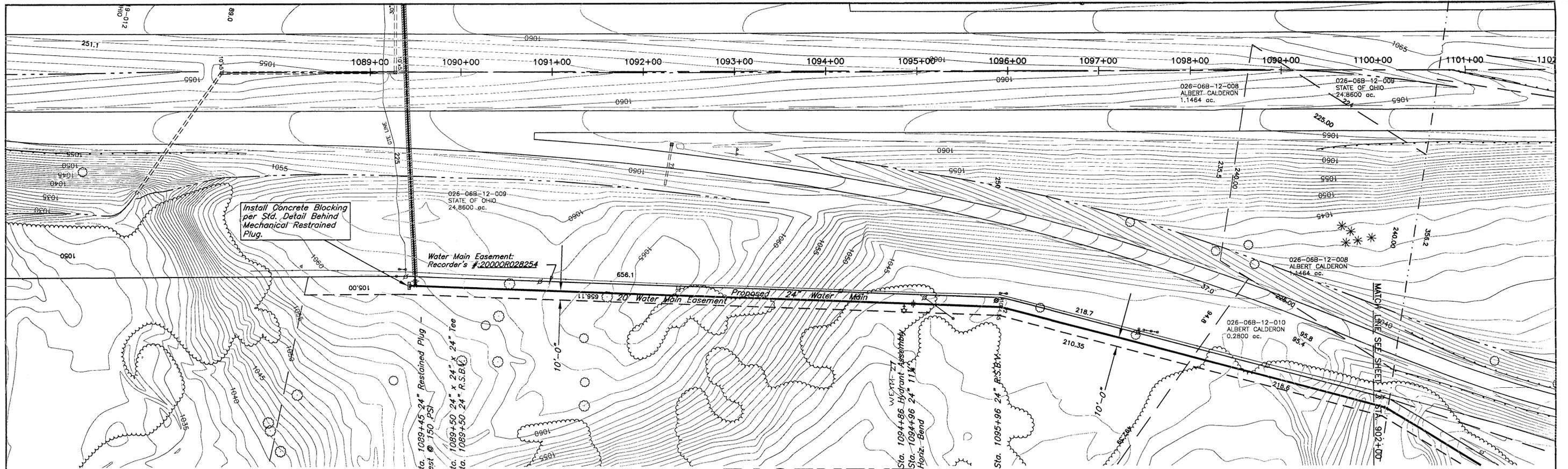


C.H. 32 SOUTH WEYMOUTH ROAD 60'

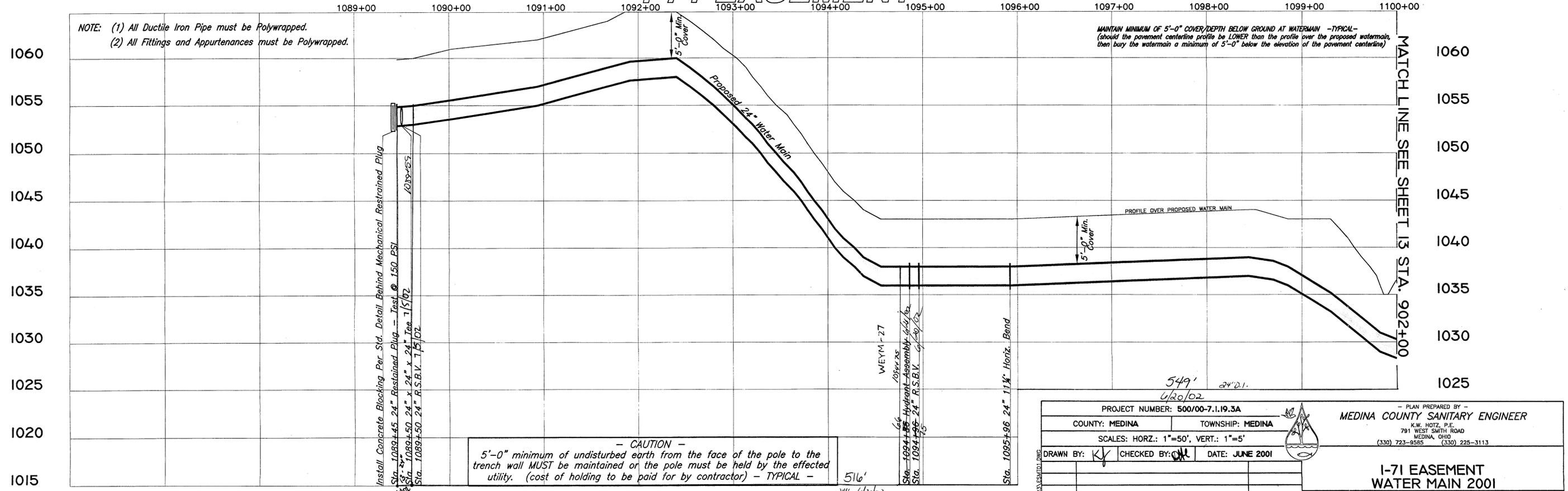
20' EASEMENT - INTERSTATE 71



PROJECT NUMBER: 500/00-7.1.19.3A			MEDINA COUNTY SANITARY ENGINEER		
COUNTY: MEDINA		TOWNSHIP: MEDINA		K.W. HOTZ, P.E. 781 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			C.H. 32 SOUTH WEYMOUTH ROAD & EASEMENT WATER MAIN 2001		
DRAWN BY: [Signature]			DATE: JUNE 2001		
CHECKED BY: [Signature]			WATER DISTRICT 500		
DATE			DESCRIPTION		
BY			STA. 72+00 TO STA. 79+00 STA. 1089+40 478' LT TO 238' RT		
			SHEET II OF 27		



I-71 EASEMENT



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

- CAUTION -
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

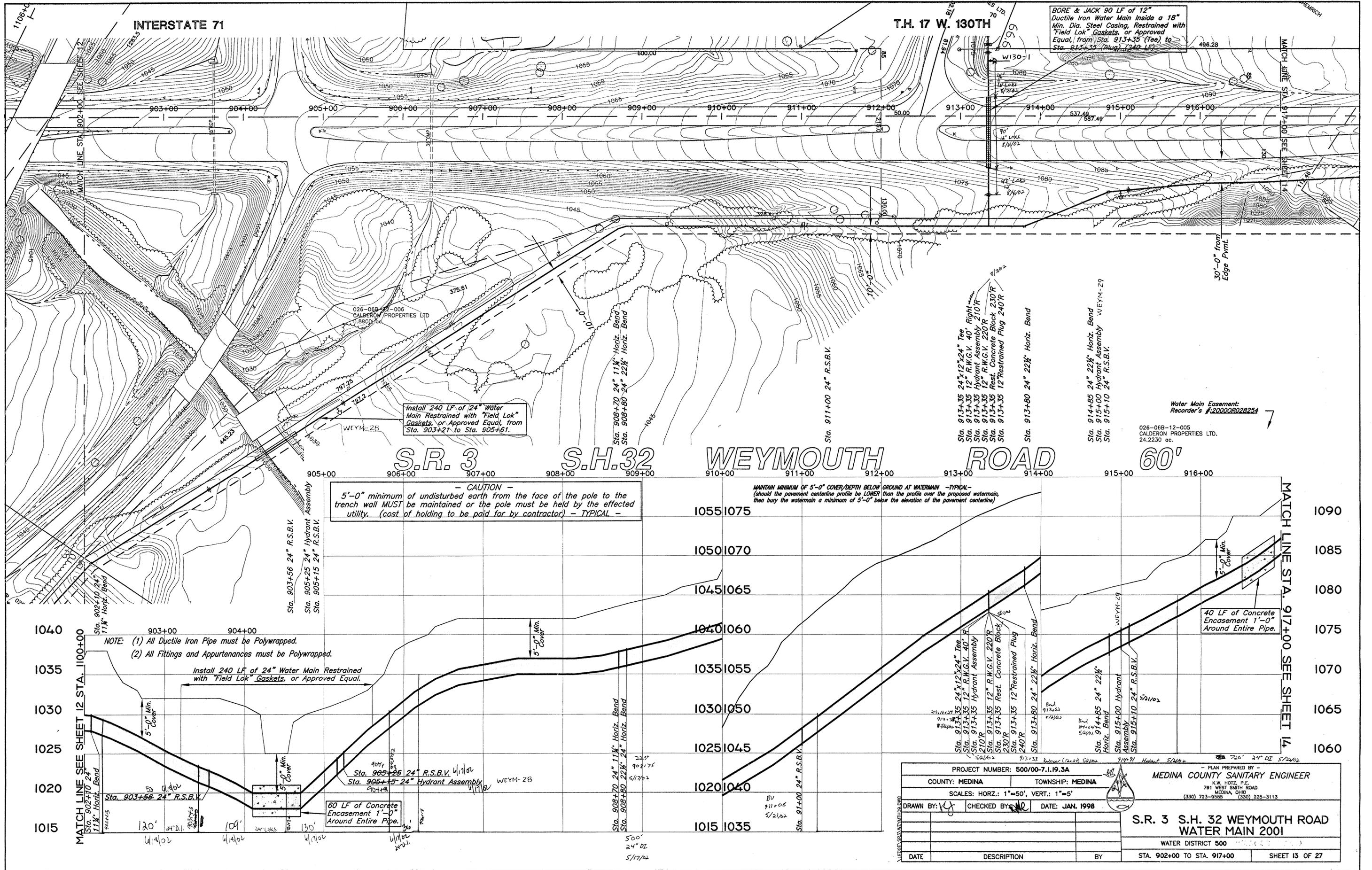
PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY -	
COUNTY: MEDINA		TOWNSHIP: MEDINA	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY: <i>KY</i>		CHECKED BY: <i>OK</i>	
DATE: JUNE 2001			
DATE		DESCRIPTION	
BY		STA. 1089+45 TO STA. 902+00	
DATE		DESCRIPTION	
BY		STA. 1089+45 TO STA. 902+00	

MEDINA COUNTY SANITARY ENGINEER
 K.W. HOTZ, P.E.
 791 WEST SMITH ROAD
 MEDINA, OHIO
 (330) 723-9565 (330) 225-3113

**I-71 EASEMENT
 WATER MAIN 2001**

WATER DISTRICT 500

SHEET 12 OF 27



BORE & JACK 90 LF of 12" Ductile Iron Water Main Inside a 18" Min. Dia. Steel Casing, Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 913+35 (Tee) to Sta. 913+35 (Plug) (240 LF)

Install 240 LF of 24" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal, from Sta. 903+21 to Sta. 905+61.

CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall **MUST** be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL - (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

Water Main Easement Recorder's #20000R028254

026-068-12-005 CALDERON PROPERTIES LTD. 24.2230 ac.

- Sta. 913+35 24"x12"x24" Tee
- Sta. 913+35 12" R.W.G.V. 40' Right
- Sta. 913+35 Hydrant Assembly 210 R
- Sta. 913+35 12" R.W.G.V. 220 R
- Sta. 913+35 Rest. Concrete Block 230 R
- Sta. 913+35 12" Restrained Plug 240 R
- Sta. 911+00 24" R.S.B.V.
- Sta. 913+80 24" 22 1/2" Horiz. Bend
- Sta. 914+85 24" 22 1/2" Horiz. Bend
- Sta. 915+00 Hydrant Assembly WEYM-29
- Sta. 915+10 24" R.S.B.V.

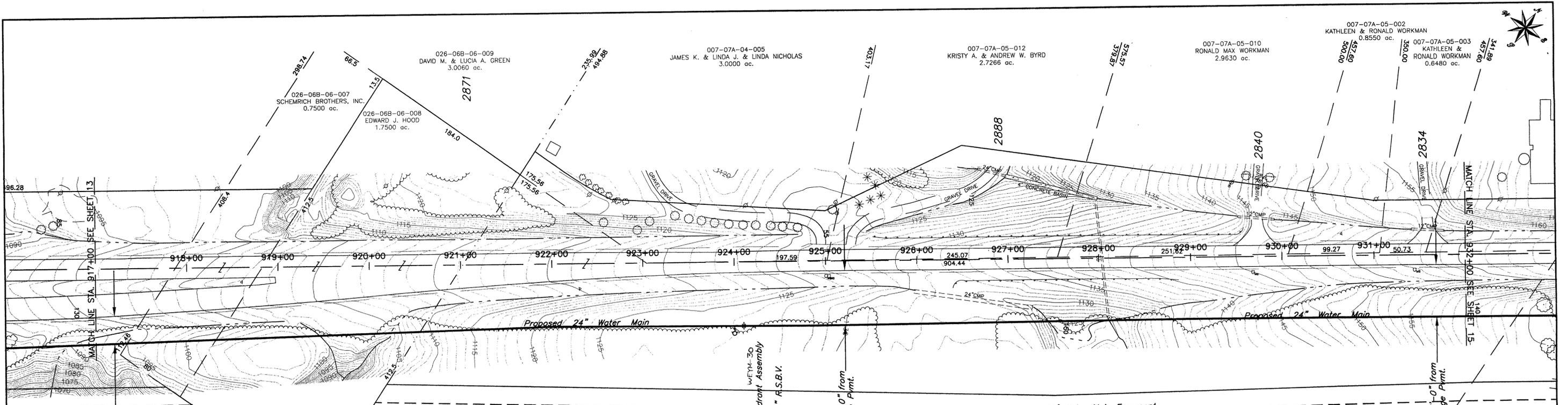
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

Install 240 LF of 24" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

60 LF of Concrete Encasement 1'-0" Around Entire Pipe.

40 LF of Concrete Encasement 1'-0" Around Entire Pipe.

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: MEDINA	
SCALES: HORIZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: JAN. 1998	
S.R. 3 S.H. 32 WEYMOUTH ROAD WATER MAIN 2001			
WATER DISTRICT 500			
STA. 902+00 TO STA. 917+00		SHEET 13 OF 27	



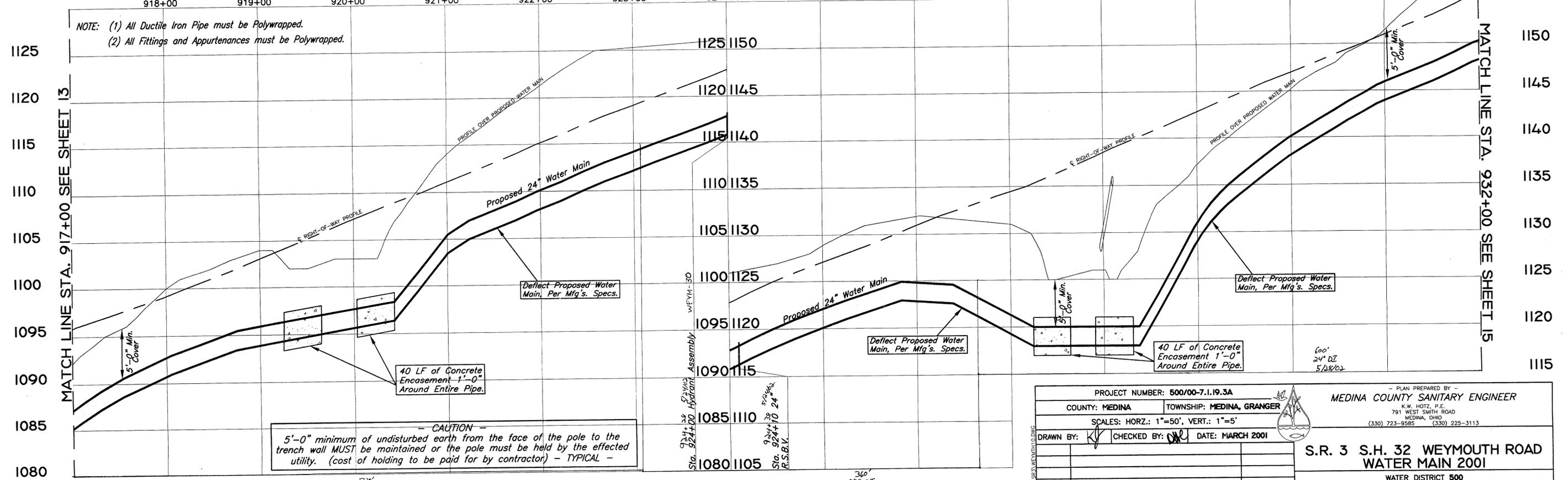
S.R. 3

S.H. 32

WEYMOUTH ROAD

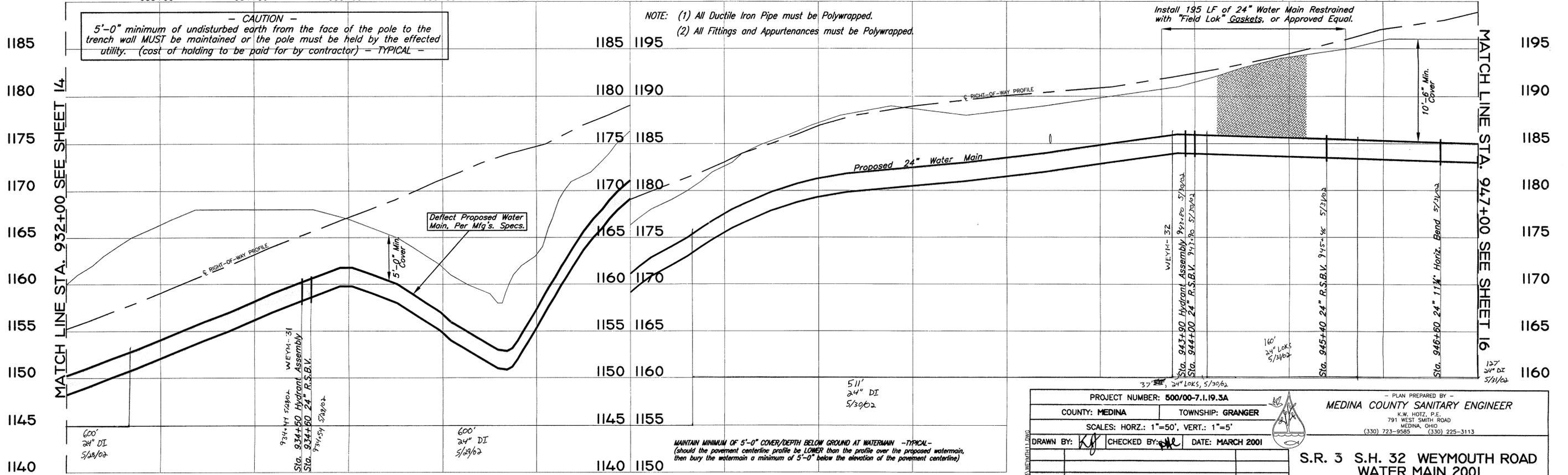
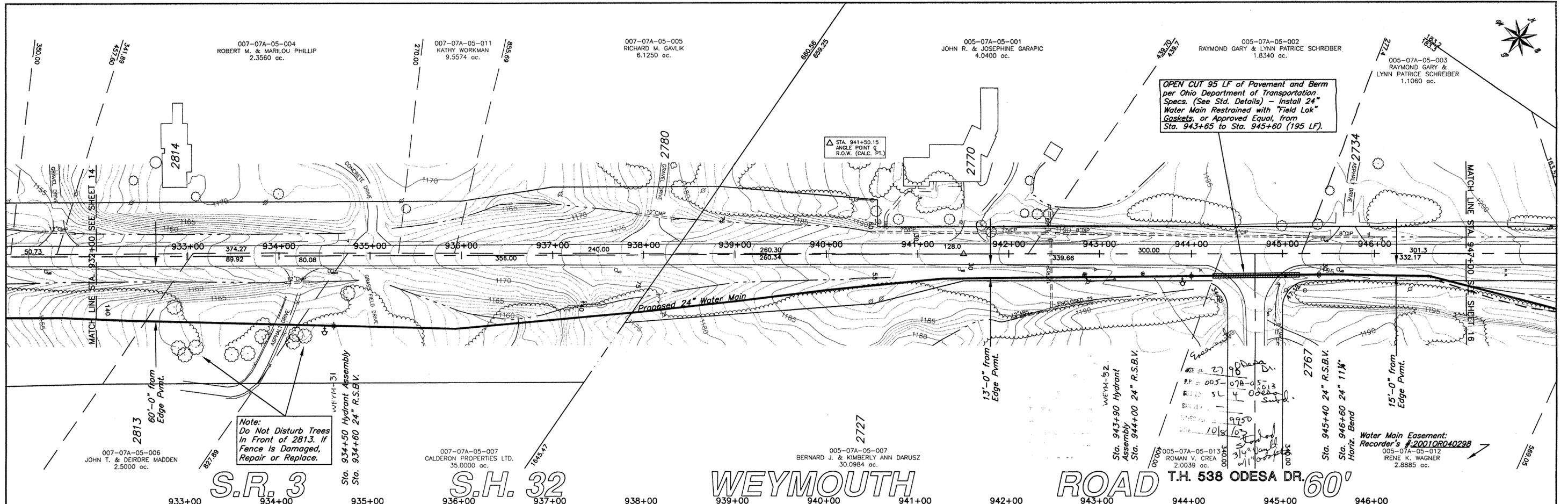
60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.



CAUTION
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A		MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA, GRANGER	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: MARCH 2001	
S.R. 3 S.H. 32 WEYMOUTH ROAD		WATER DISTRICT 500	
WATER MAIN 2001		STA. 917+00 TO STA. 932+00	
DATE		DESCRIPTION	BY
			SHEET 14 OF 27

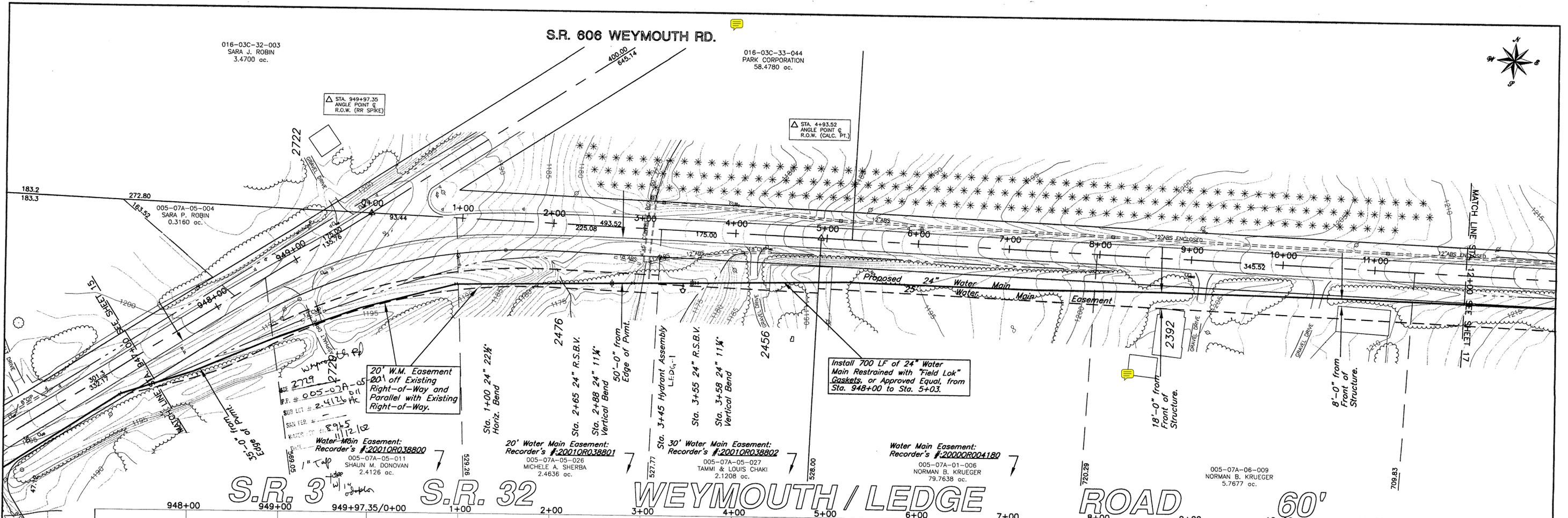


PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: GRANGER	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		DATE: MARCH 2001	
DRAWN BY: KJ	CHECKED BY: [Signature]	DATE: MARCH 2001	
S.R. 3 S.H. 32 WEYMOUTH ROAD WATER MAIN 2001		WATER DISTRICT 500	
STA. 932+00 TO STA. 947+00		SHEET 15 OF 27	

016-03C-32-003
SARA J. ROBIN
3.4700 ac.

S.R. 606 WEYMOUTH RD.

016-03C-33-044
PARK CORPORATION
58.4780 ac.



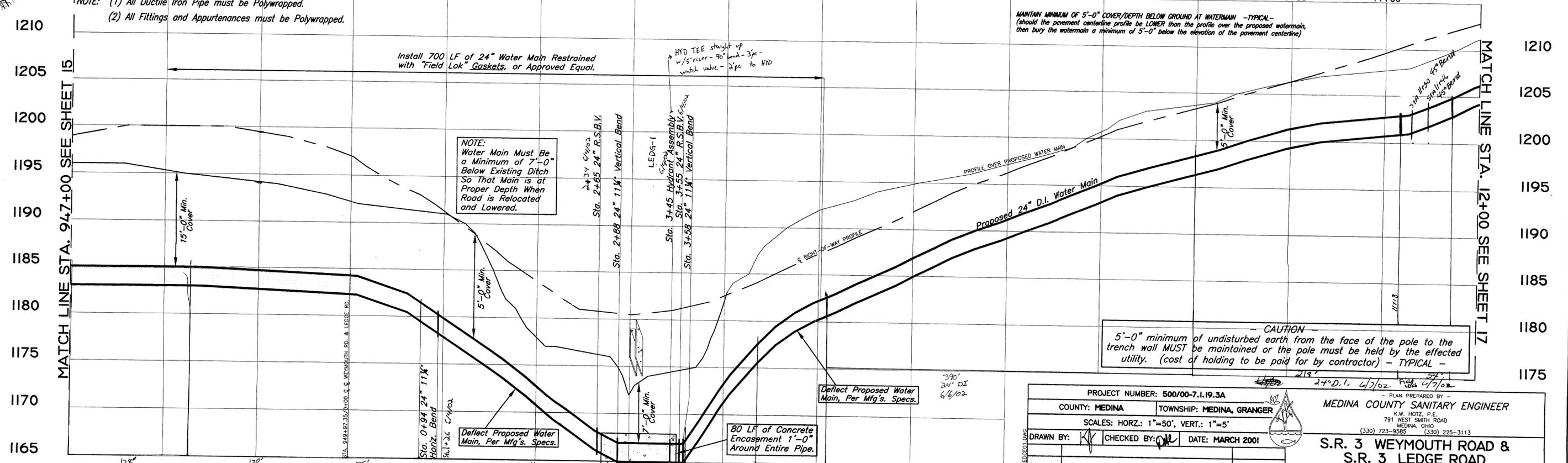
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

Install 700 LF of 24" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

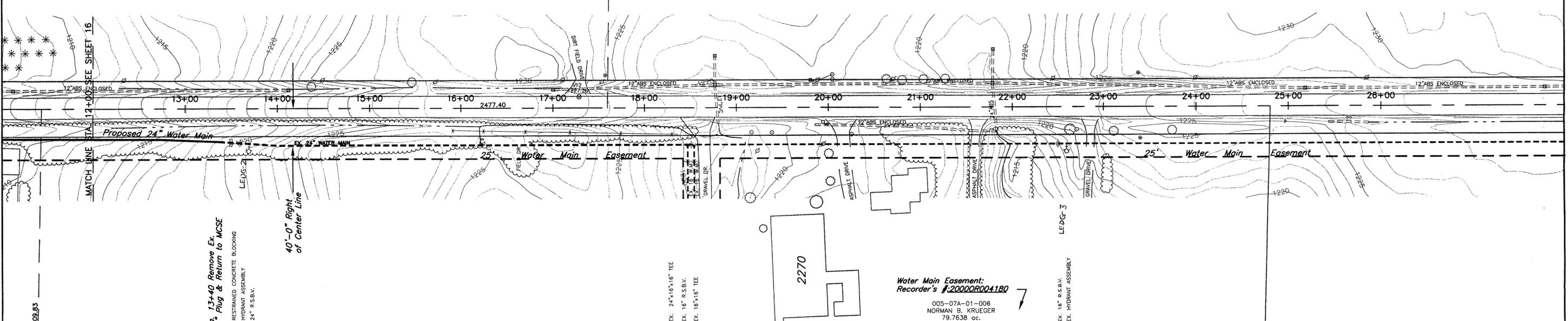
NOTE: Water Main Must Be a Minimum of 7'-0" Below Existing Ditch So That Main is at Proper Depth When Road is Relocated and Lowered.

CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -



PROJECT NUMBER: 500/00-7.1.19.3A		- PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: MEDINA, GRANGER	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9888 (330) 225-3113	
DRAWN BY: [Signature]	CHECKED BY: [Signature]	DATE: MARCH 2001	
S.R. 3 WEYMOUTH ROAD & S.R. 3 LEDGE ROAD WATER MAIN 2001			
WATER DISTRICT 500			
DATE	DESCRIPTION	BY	STA. 948+00 TO STA. 949+97.35 STA. 0+00 TO STA. 12+00
			SHEET 16 OF 27

016-03C-33-044
 PARK CORPORATION
 58.4780 ac.



Sta. 13+40 Remove Ex. 24" Plug & Return to MCSE
 EX. RESTRAINED CONCRETE BLOCKING
 EX. HYDRANT ASSEMBLY
 EX. 24" R.S.B.V.

40'-0" Right of Center Line

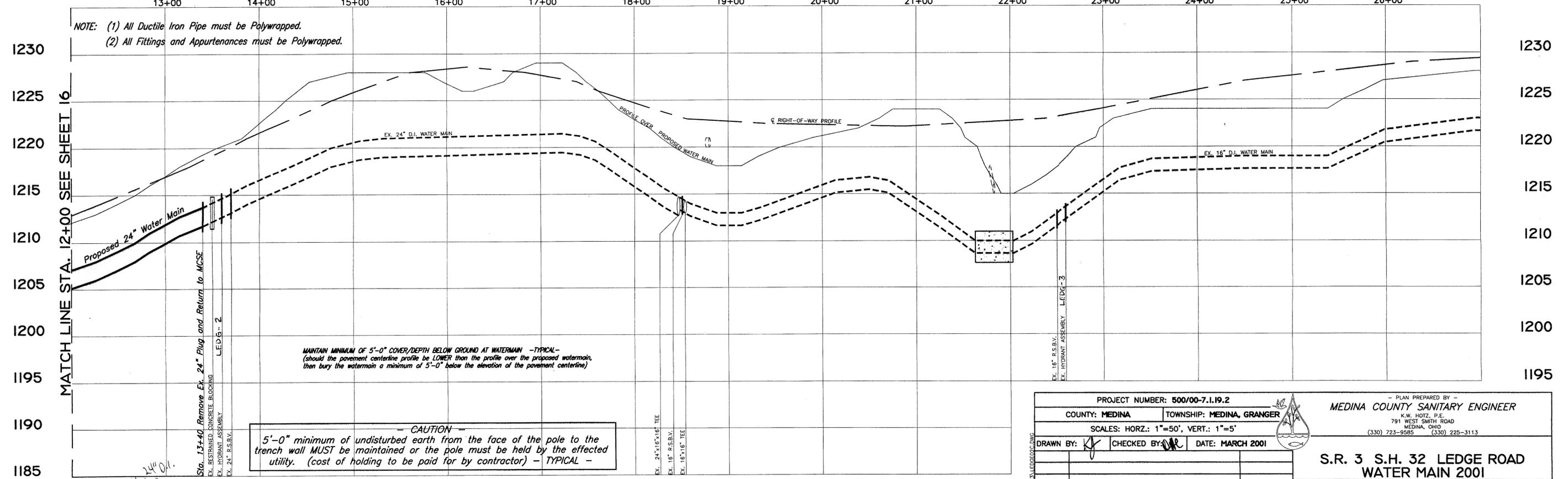
EX. 24"x16"x16" TEE
 EX. 18" R.S.B.V.
 EX. 18"x16" TEE

Water Main Easement:
 Recorder's #200000004180
 005-07A-01-006
 NORMAN B. KRUEGER
 79.7638 ac.

EX. 18" R.S.B.V.
 EX. HYDRANT ASSEMBLY

S.R. 3 S.H. 32 LEDGE ROAD 60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.



MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.2			MEDINA COUNTY SANITARY ENGINEER K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113		
COUNTY: MEDINA		TOWNSHIP: MEDINA, GRANGER		SCALE: HORZ.: 1"=50', VERT.: 1"=5'	
DATE	DESCRIPTION	BY	DATE: MARCH 2001	S.R. 3 S.H. 32 LEDGE ROAD WATER MAIN 2001 WATER DISTRICT 500	
STA. 12+00 TO STA. 13+40			SHEET 17 OF 27		

MATCH LINE STA. 12+00 SEE SHEET 16

709.83

14" Dia.
 47102

026-06B-18-032
BARBARA A. & BARBARA L. SUGDEN
2.3530 ac.

026-06B-18-062
GRIFFITH HOLDINGS, INC.
10.8885 ac.
P.P. # 026-06B-18-025
SUB LOT # .35 AC
SAN PER # 892670
WATER PER # 1" up
DATE 11/15/02

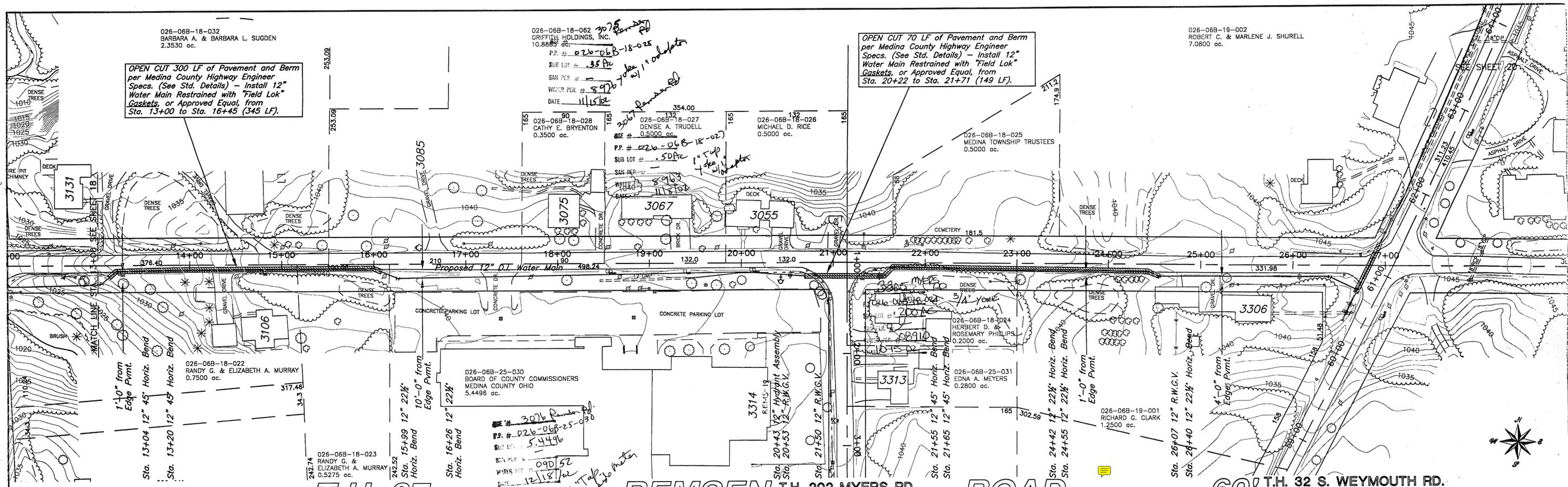
OPEN CUT 70 LF of Pavement and Berm
per Medina County Highway Engineer
Specs. (See Std. Details) - Install 12"
Water Main Restrained with "Field Lok"
Gaskets, or Approved Equal, from
Sta. 20+22 to Sta. 21+71 (149 LF).

026-06B-19-002
ROBERT C. & MARLENE J. SHURELL
7.0800 ac.

OPEN CUT 300 LF of Pavement and Berm
per Medina County Highway Engineer
Specs. (See Std. Details) - Install 12"
Water Main Restrained with "Field Lok"
Gaskets, or Approved Equal, from
Sta. 13+00 to Sta. 16+45 (345 LF).

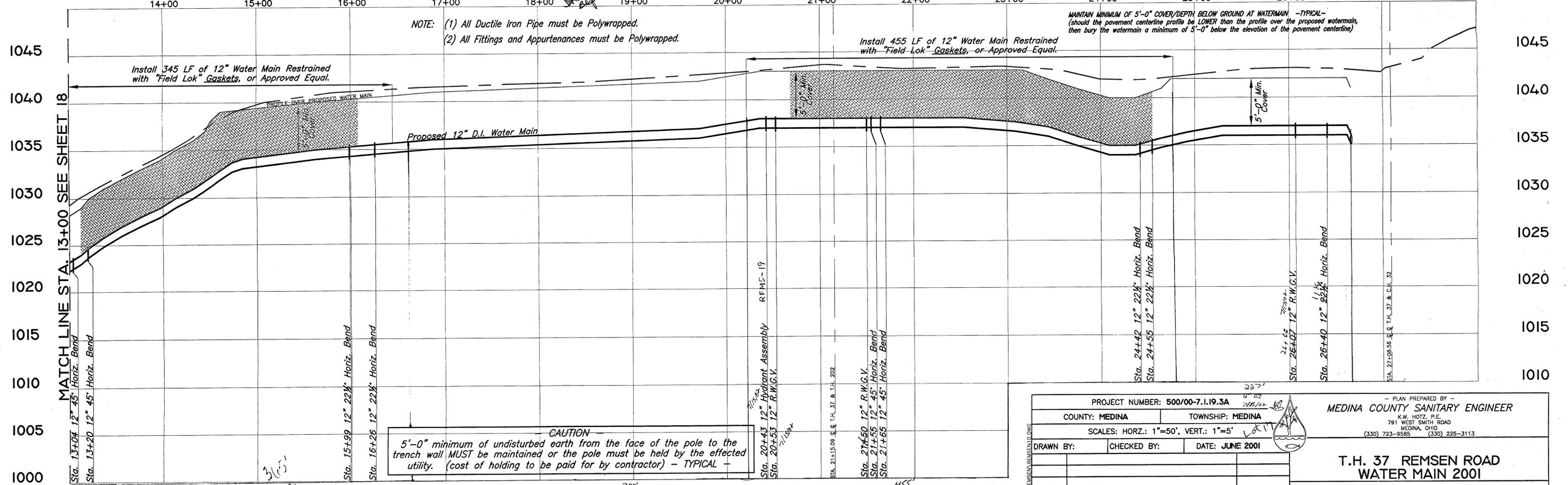
026-06B-18-028
CATHY E. BRYENTON
0.3500 ac.
P.P. # 026-06B-18-027
DENISE A. TRUDELL
0.5000 ac.
SUB LOT # .50 AC
SAN PER # 892670
WATER PER # 1" up
DATE 11/15/02

026-06B-18-025
MEDINA TOWNSHIP TRUSTEES
0.5000 ac.



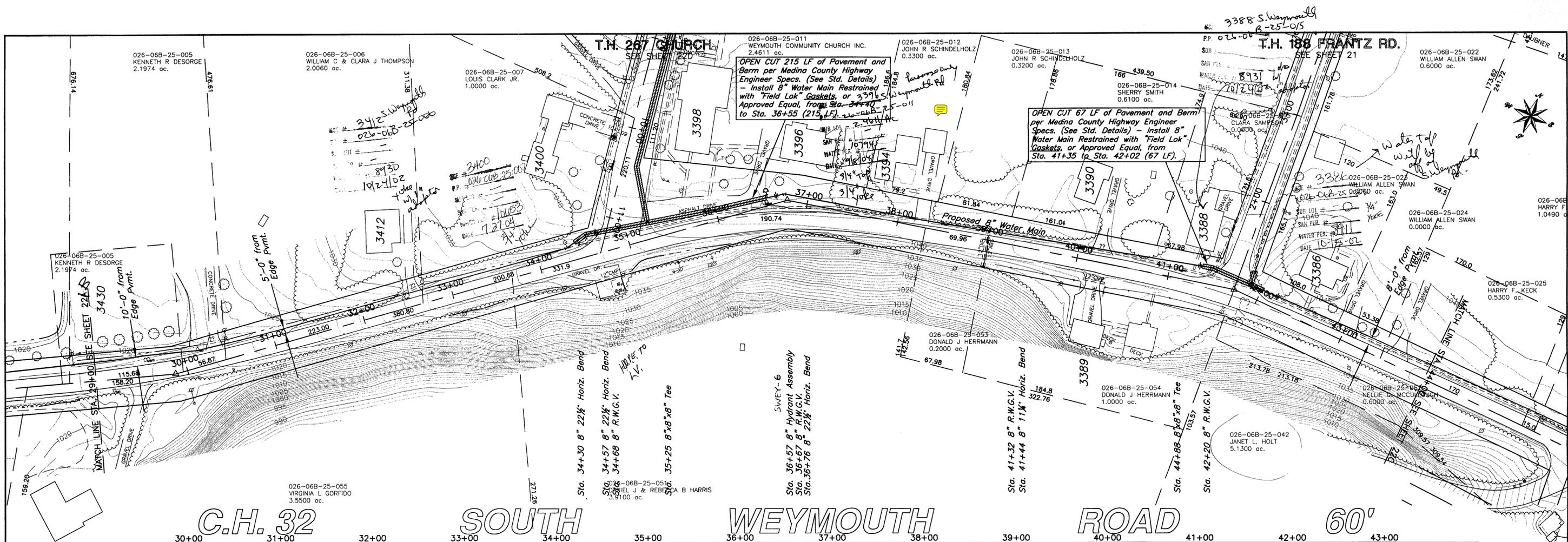
NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
(should the pavement centerline profile be LOWER than the profile over the proposed watermain,
then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)



CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the
trench wall MUST be maintained or the pole must be held by the effected
utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY -	
COUNTY: MEDINA	TOWNSHIP: MEDINA	MEDINA COUNTY SANITARY ENGINEER	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
DRAWN BY:	CHECKED BY:	DATE: JUNE 2001	
T.H. 37 REMSEN ROAD		WATER DISTRICT 500	
WATER MAIN 2001		STA. 13+00 TO STA. 26+66	
SHEET 19 OF 27			

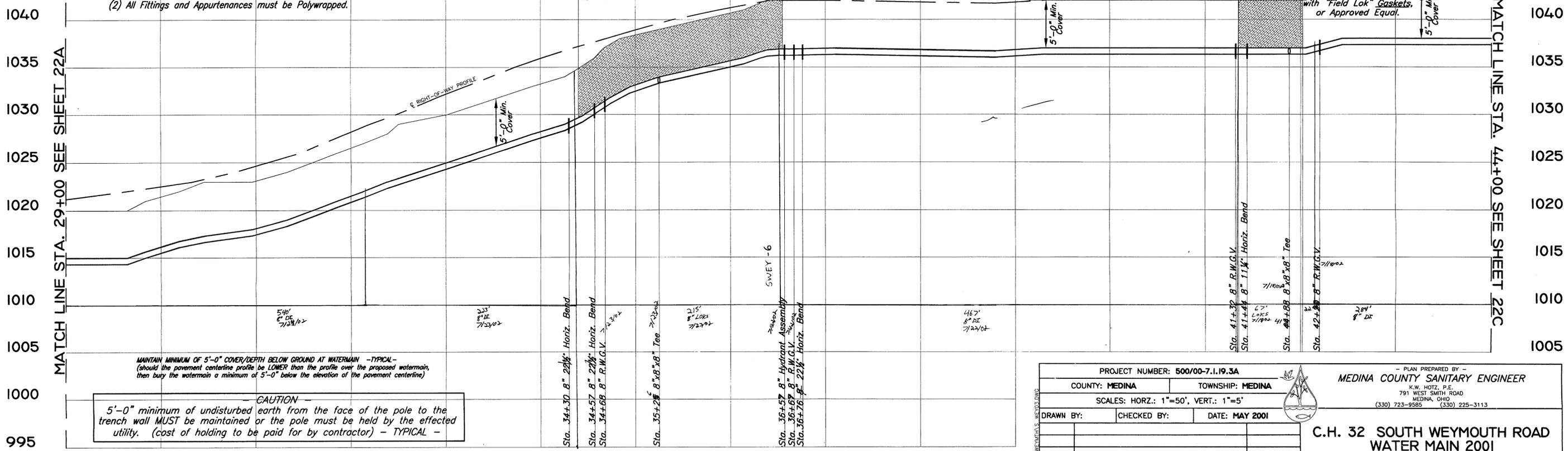


C.H. 32 SOUTH WEYMOUTH ROAD 60'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Install 215 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.

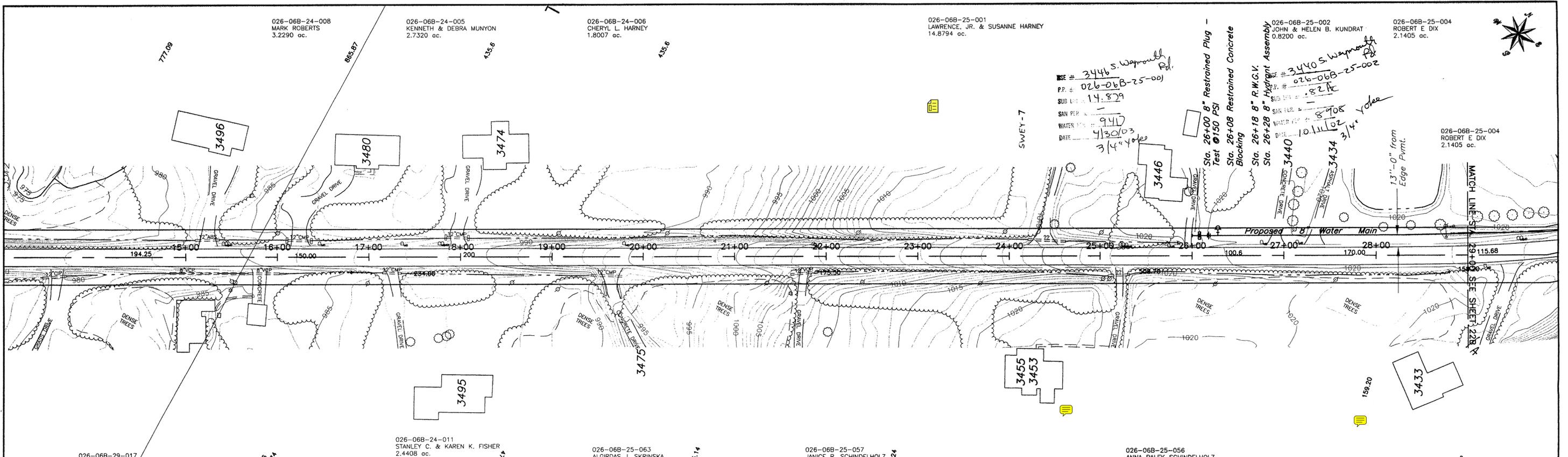
Install 67 LF of 8" Water Main Restrained with "Field Lok" Gaskets, or Approved Equal.



MANTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN - TYPICAL -
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain, then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

CAUTION
 5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

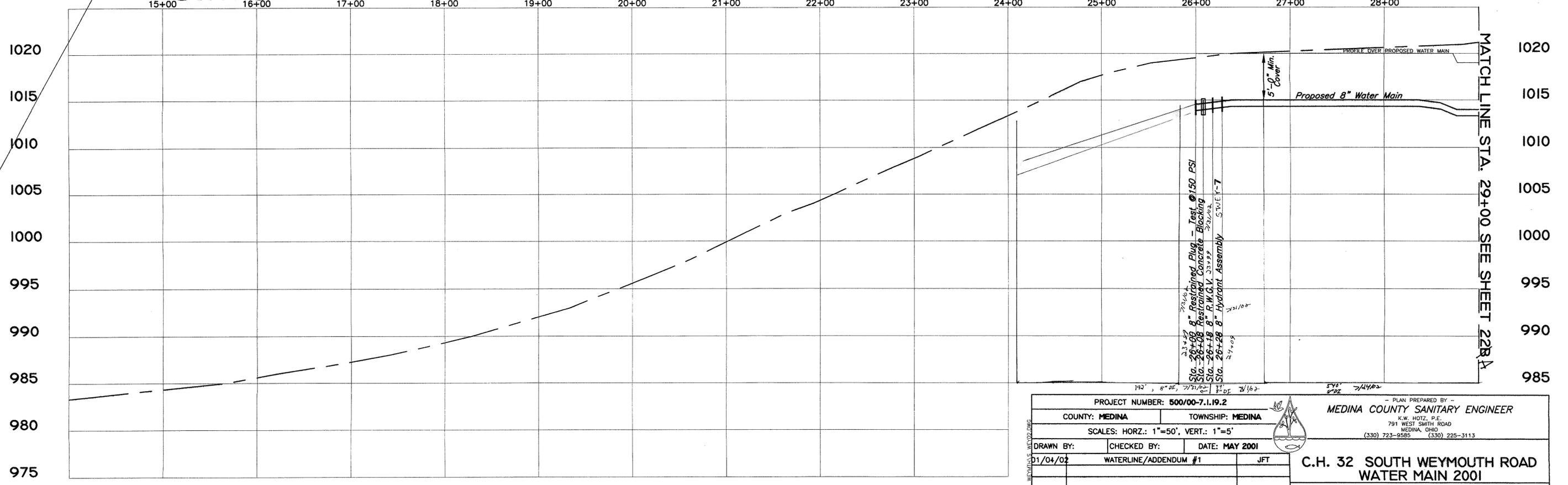
PROJECT NUMBER: 500/00-7.1.19.3A			PLAN PREPARED BY -		
COUNTY: MEDINA		TOWNSHIP: MEDINA		MEDINA COUNTY SANITARY ENGINEER	
K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9689 (330) 225-3113					
SCALES: HORZ.: 1"=50', VERT.: 1"=5'					
DRAWN BY:	CHECKED BY:	DATE: MAY 2001			
C.H. 32 SOUTH WEYMOUTH ROAD					
WATER MAIN 2001					
WATER DISTRICT 500					
DATE	DESCRIPTION	BY	STA. 29+00 TO STA. 44+00	SHEET 22A OF 27	



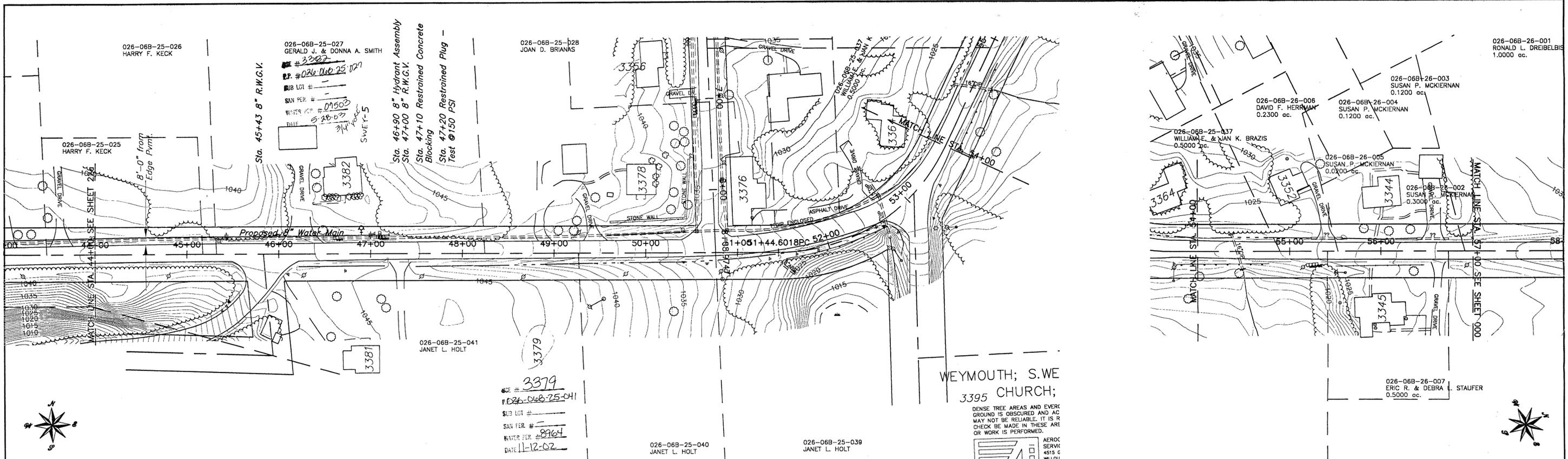
USE # 3446 S. Weymouth Rd.
 P.P. # 026-06B-25-001
 SUB. # 14.829
 SAN PER. # 9417
 WATER # 4130/03
 DATE 3/4/03

Sta. 26+00 8" Restrained Plug
 Test @ 150 PSI
 Sta. 26+08 Restrained Concrete
 Blocking
 Sta. 26+18 8" R.W.G.V.
 Sta. 26+28 8" Hydrant Assembly

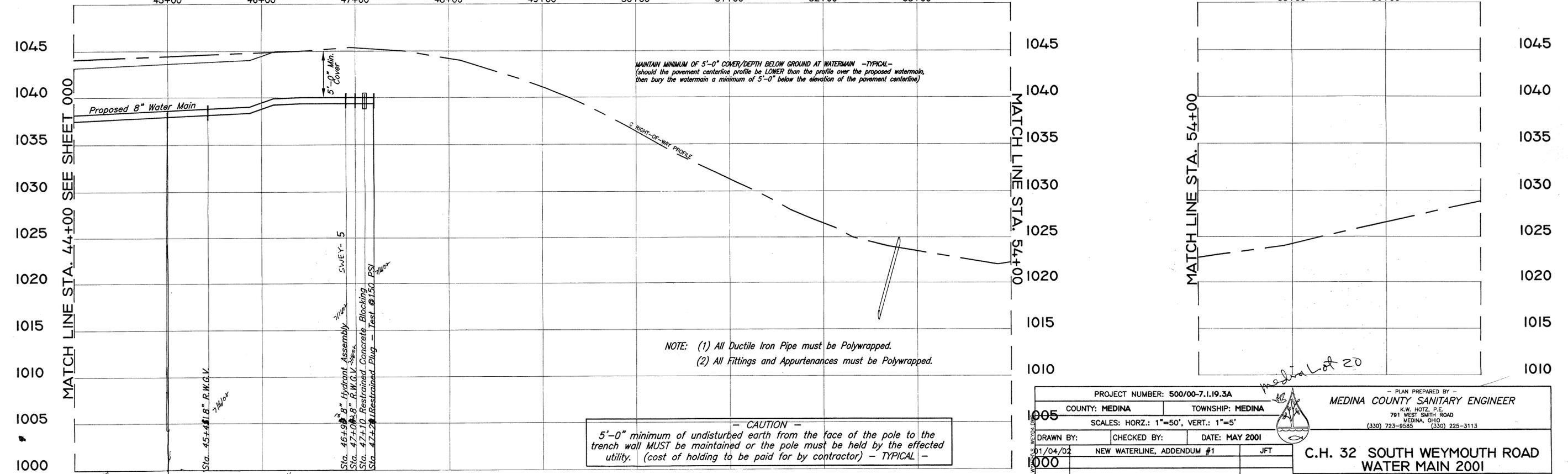
C.H. 32 SOUTH WEYMOUTH ROAD 60'



PROJECT NUMBER: 500/00-7.1.19.2			PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER		
COUNTY: MEDINA		TOWNSHIP: MEDINA		K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'					
DRAWN BY: 01/04/02	CHECKED BY:	DATE: MAY 2001			
WATERLINE/ADDENDUM #1			JFT	C.H. 32 SOUTH WEYMOUTH ROAD WATER MAIN 2001	
				WATER DISTRICT 500	
DATE	DESCRIPTION	BY	STA. 14+00 TO STA. 29+00	SHEET 22B OF 27	



C.H. 32 SOUTH WEYMOUTH ROAD 60'



NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
(2) All Fittings and Appurtenances must be Polywrapped.

- CAUTION -
5'-0" minimum of undisturbed earth from the face of the pole to the trench wall MUST be maintained or the pole must be held by the effected utility. (cost of holding to be paid for by contractor) - TYPICAL -

PROJECT NUMBER: 500/00-7.1.19.3A			PLAN PREPARED BY - MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA		TOWNSHIP: MEDINA		K.W. HOTZ, P.E. 781 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113
SCALES: HORZ.: 1"=50', VERT.: 1"=5'				
DRAWN BY:	CHECKED BY:	DATE: MAY 2001		
01/04/02	NEW WATERLINE, ADDENDUM #1	JFT		
C.H. 32 SOUTH WEYMOUTH ROAD WATER DISTRICT 500				
DATE		DESCRIPTION	BY	STA. 44+00 TO STA. 47+20 SHEET 22C OF 27

026-06B-18-019
 BONNIE RINGENBERG
 5.8580 ac.

3195

026-06B-25-009
 EDGAR J. & ANITA J. LIND
 2.0680 ac.

026-06B-25-011
 WEYMOUTH COMMUNITY CHURCH INC
 2.4511 ac.

026-06B-25-014
 WEYMOUTH COMMUNITY CHURCH INC
 2.4611 ac.

OPEN CUT 300 LF of Pavement and Berm
 per Medina County Highway Engineer
 Specs. (See Std. Details) - Install 8"
 Water Main Restrained with "Field Lok"
 Gaskets, or Approved Equal, from
 Sta. 2+85 to Sta. 5+85 (300 LF).

OPEN CUT 280 LF of Pavement and Berm
 per Medina County Highway Engineer
 Specs. (See Std. Details) - Install 8"
 Water Main Restrained with "Field Lok"
 Gaskets, or Approved Equal, from
 Sta. 8+20 to Sta. 10+94 (280 LF).

Sta. 10+32 8" 22 1/2"
 Horiz. Bend
 Sta. 10+83 8" R.W.G.V.

026-06B-25-008
 LESTER C. & MAE E. STERNECKER
 23:2300 ac.

026-06B-25-007
 LOUIS CLARK JR.
 1.0000 ac.



T.H. 267

CHURCH

ROAD

40'

NOTE: (1) All Ductile Iron Pipe must be Polywrapped.
 (2) All Fittings and Appurtenances must be Polywrapped.

Install 300 LF of 8" Water Main Restrained
 with "Field Lok" Gaskets, or Approved Equal.

Install 280 LF of 8" Water Main Restrained
 with "Field Lok" Gaskets, or Approved Equal.

MAINTAIN MINIMUM OF 5'-0" COVER/DEPTH BELOW GROUND AT WATERMAIN -TYPICAL-
 (should the pavement centerline profile be LOWER than the profile over the proposed watermain,
 then bury the watermain a minimum of 5'-0" below the elevation of the pavement centerline)

Deflect Proposed Water
 Main, Per Mfg's. Specs.

Install 20 LF of
 Concrete Encasement
 Around Entire Pipe.

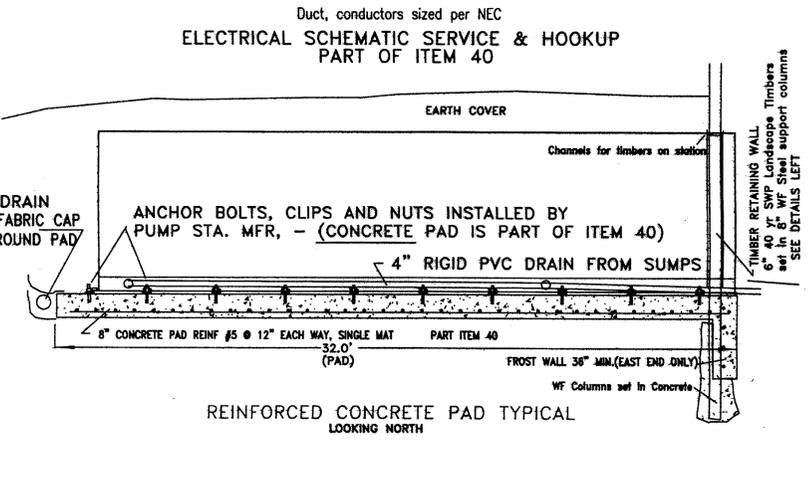
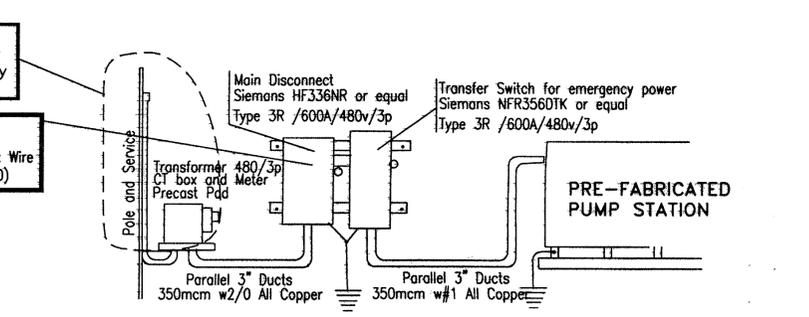
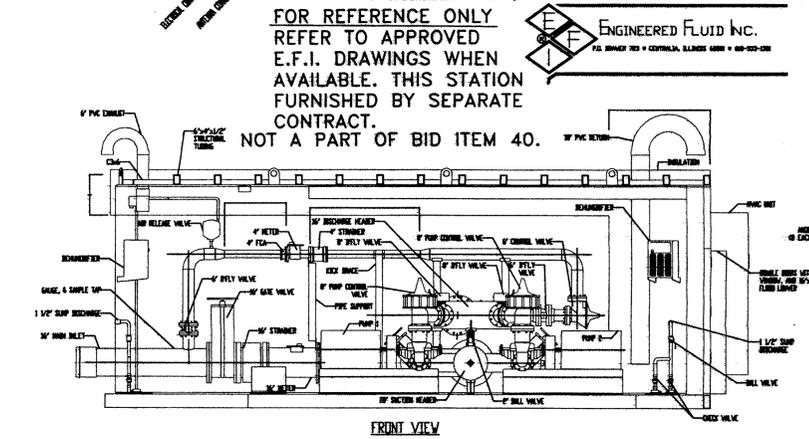
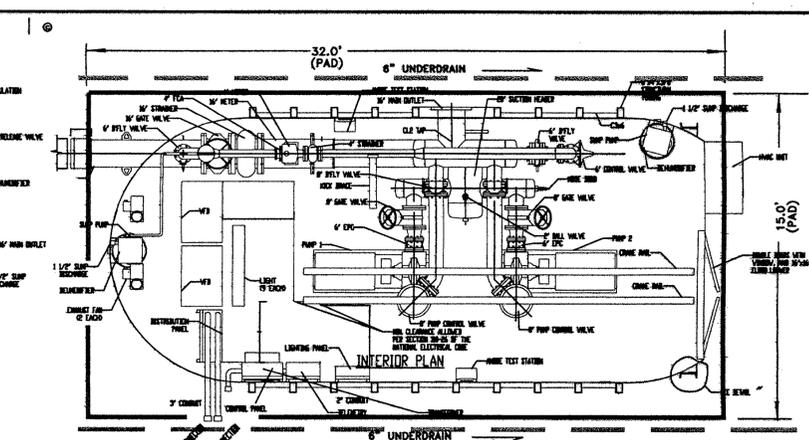
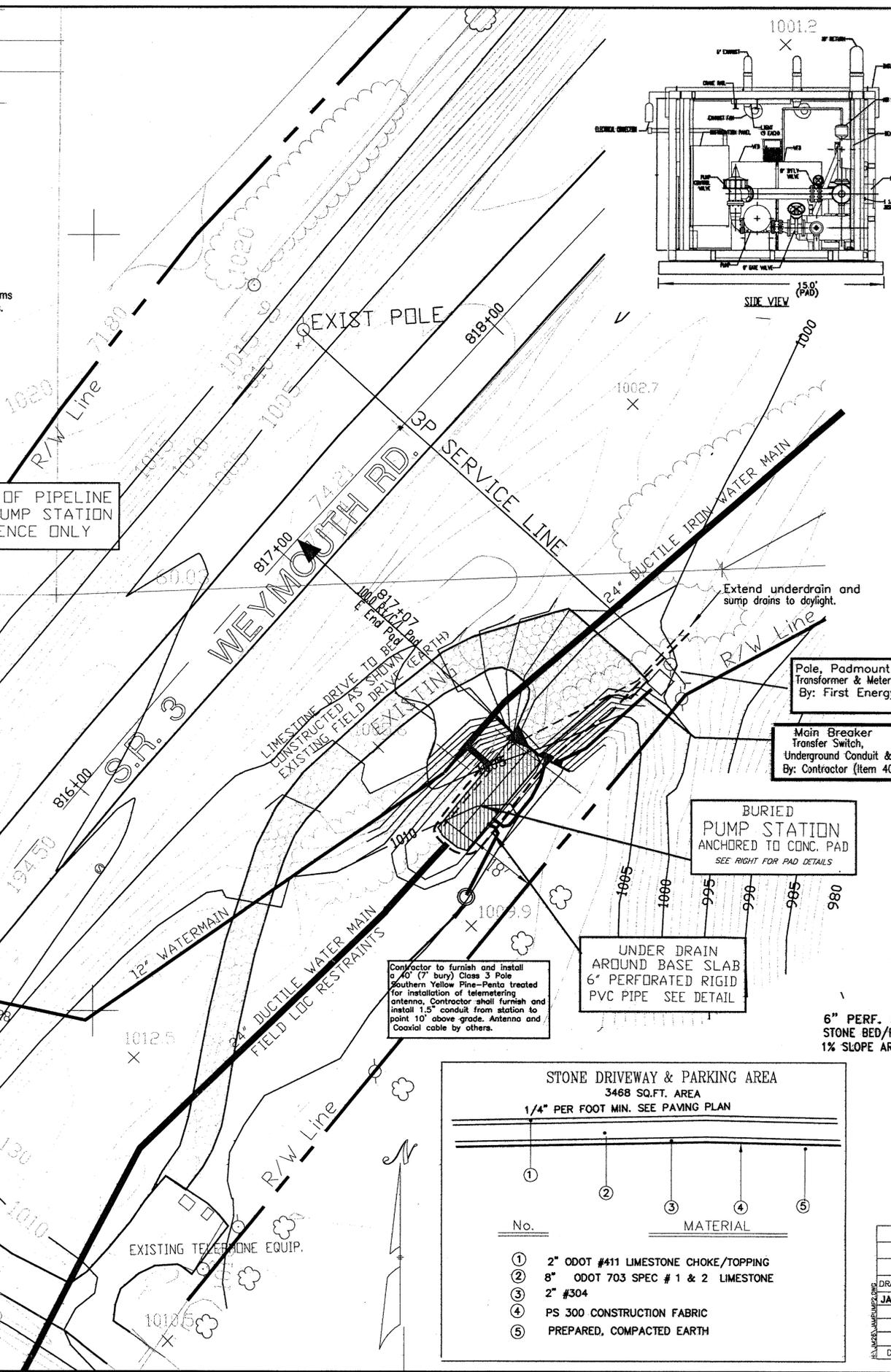
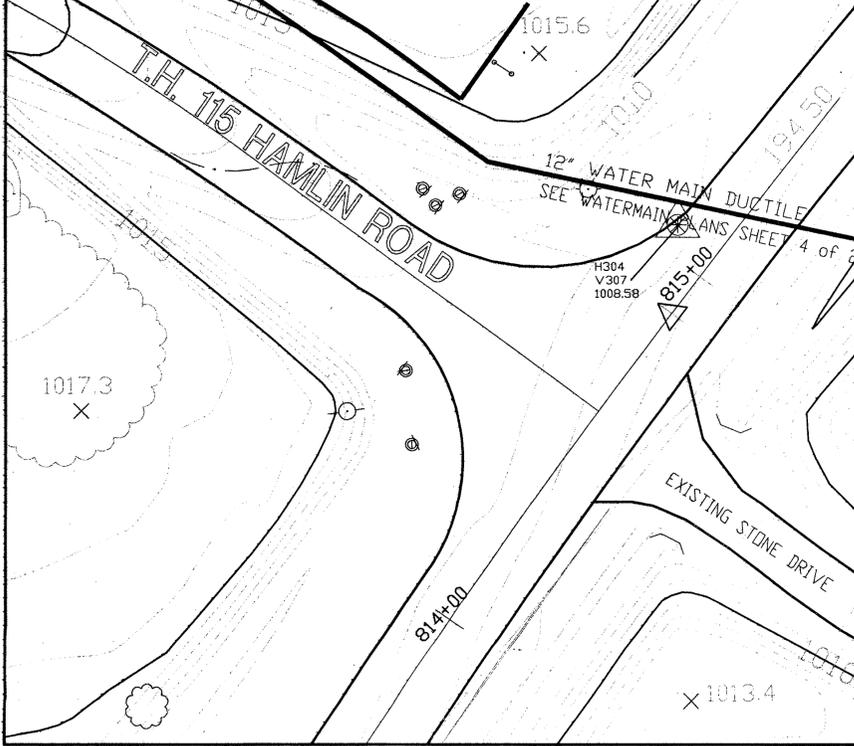
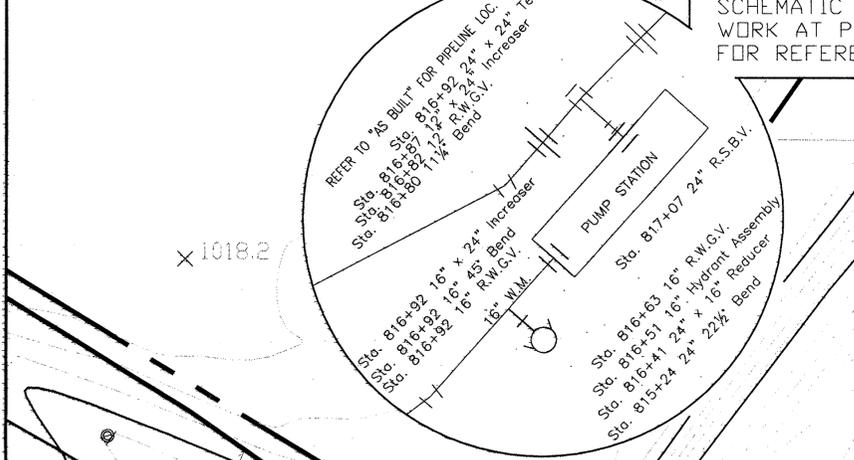
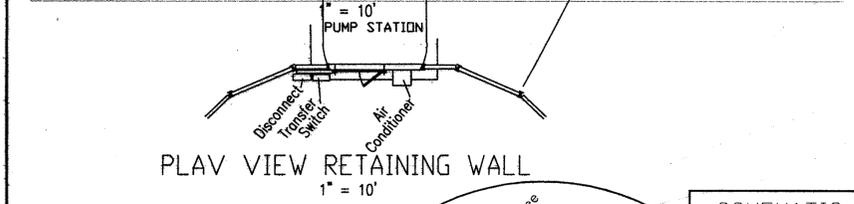
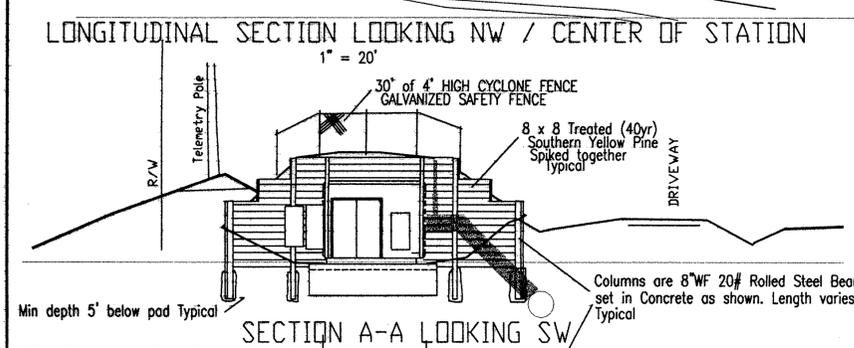
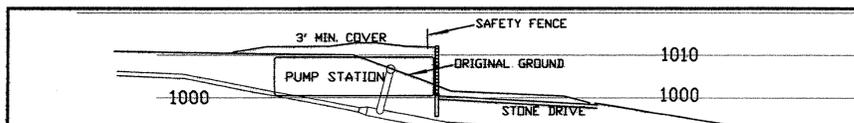
Sta. 1+35 8" 11 1/2"
 Horiz. Bend
 Sta. 2+03 8" 22 1/2"
 Horiz. Bend
 Sta. 1+63 8" R.W.G.V.

CRCH-1
 Hydrant Assembly
 Sta. 6+25 8" R.W.G.V.

Sta. 10+32 8" 22 1/2" Horiz. Bend

Sta. 10+83 8" R.W.G.V.

PROJECT NUMBER: 500/00-7.1.19.3A		PLAN PREPARED BY: MEDINA COUNTY SANITARY ENGINEER	
COUNTY: MEDINA	TOWNSHIP: MEDINA	K.W. HOTZ, P.E. 791 WEST SMITH ROAD MEDINA, OHIO (330) 723-9585 (330) 225-3113	
SCALES: HORZ.: 1"=50', VERT.: 1"=5'			
DRAWN BY:	CHECKED BY:	DATE: JUNE 2001	
T.H. 267 CHURCH ROAD WATER MAIN 2001		WATER DISTRICT 500	
DATE	DESCRIPTION	BY	STA. 1+25 TO STA. 10+94 SHEET 22D OF 27



STONE DRIVEWAY & PARKING AREA
3468 SQ.FT. AREA
1/4\"/>

No.	MATERIAL						
①	2\"/>						
②	8\"/> <tr> <td>③</td> <td>2\"/> <tr> <td>④</td> <td>PS 300 CONSTRUCTION FABRIC</td> </tr> <tr> <td>⑤</td> <td>PREPARED, COMPACTED EARTH</td> </tr> </td></tr>	③	2\"/> <tr> <td>④</td> <td>PS 300 CONSTRUCTION FABRIC</td> </tr> <tr> <td>⑤</td> <td>PREPARED, COMPACTED EARTH</td> </tr>	④	PS 300 CONSTRUCTION FABRIC	⑤	PREPARED, COMPACTED EARTH
③	2\"/> <tr> <td>④</td> <td>PS 300 CONSTRUCTION FABRIC</td> </tr> <tr> <td>⑤</td> <td>PREPARED, COMPACTED EARTH</td> </tr>	④	PS 300 CONSTRUCTION FABRIC	⑤	PREPARED, COMPACTED EARTH		
④	PS 300 CONSTRUCTION FABRIC						
⑤	PREPARED, COMPACTED EARTH						

PROJECT NUMBER: {500/00-7.1.19.3}
COUNTY: {MEDINA} TOWNSHIP: {MEDINA}
SCALES: HORZ.: 1\"/>

DRAWN BY: JM		CHECKED BY: LB		DATE: {NOV. 16, 2001}	
JAM		REVISED PER PRE-BID NOTES		ADDENDUM NO. 1	
DATE		DESCRIPTION		BY	

PLAN PREPARED BY:
MEDINA COUNTY SANITARY ENGINEER
K.W. HOLTZ, P.E.
791 WEST SMITH ROAD
MEDINA, OHIO
(330) 723-9585 (330) 225-3113

WEYMOUTH PUMP STATION
ITEM 40 - SITING & PAD FOR PREMANUFACTURED PUMP STATION
N W WATER

SHEET 23 OF 28