CITY OF MARIETTA COLEGATE SEWER REHABILITATION PROJECT

MARIETTA ADMINISTRATION

MAYOR JOSH SCHLICHER

DIRECTOR OF PUBLIC SAFETY AND SERVICE STEVEN A. WETZ

AUDITOR SHERRI HESS LAW DIRECTOR PAUL BERTRAM 3RD

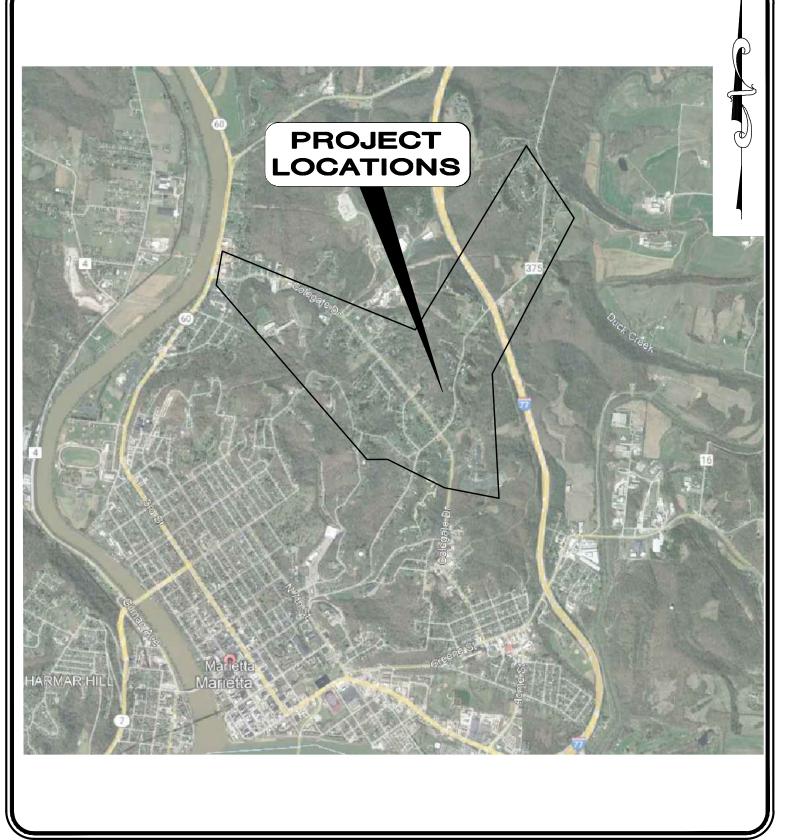
MARIETTA COUNCIL

COUNCIL PRESIDENT SUSAN VESSELS COUNCIL - AT LARGE HARLEY NOLAND **COUNCIL - AT LARGE BEN RUTHERFORD COUNCIL - AT LARGE** JON GRIMM **COUNCIL - SECOND WARD BRET ALLPHIN** COUNCIL - THIRD WARD **BILL GOSSETT** COUNCIL - FOURTH WARD **ERIN O'NEILL** COUNCIL - COUNCIL CLERK MICHELE NEWBANKS

ENGINEER: PROJECT OVERVIEW:

VERDANTAS 8150 STERLING COURT MENTOR, OH 44060 (440) 951-9000 PHONE

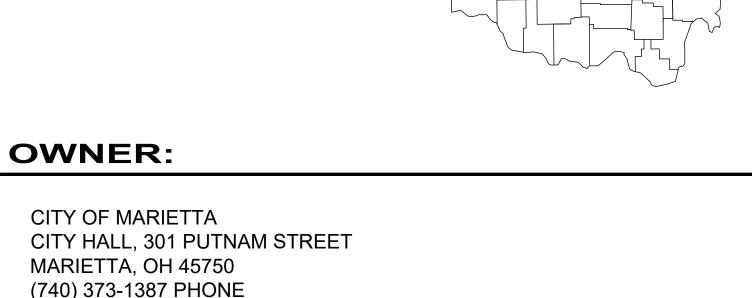
THIS PROJECT FOCUSES ON THE COMPREHENSIVE REHABILITATION OF EXISTING SANITARY SEWERS ALONG THE MAIN-LINE SEWER ON COLEGATE DRIVE AND ITS TRIBUTARY SEWERS. THE SCOPE OF WORK INCLUDES CIPP (CURED-IN-PLACE PIPE) LINING AND POINT REPAIRS WITHIN THE SANITARY SEWER SYSTEM. ADDITIONALLY, IT ENCOMPASSES REPAIRS AND LINING OF SANITARY LATERALS, AS WELL AS THE LINING AND REPAIR OF SANITARY MANHOLES.



LOCATION MAP NOT TO SCALE

verdantas

JUNE 2025



CITY OF MARIETTA APPROVALS

| Josh Schlicher | 5/29/2025 |
|--|-------------------|
| SH SCHLICHER, MAYOR | DATE |
| Steven A Wetz STEVEN A. WETZ, SAFRTY SERVICE DIRECTOR | 5/29/2025 DATE |
| Ryan Boley | 5/29/2025 |
| RYAN BOLEY, WATER RECLAMATION SUPERINTENDENT | DATE |
| Amanda Rinskart | 5/29/2025 |
| AMANDA RINEHART, PROJECT MANAGER | DATE |

OUPS ONE CALL-UTILITY LIST:

- oxdot OCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
- 2. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO



ENGINEER'S PROJECT No. 231342

COLEGATE SEWER



CHECKED BY:



P.E. No. E-83985

5/28/2025 DATE

WASHINGTON COUNTY

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

MCLAUGHLIN

| | NO | REVISION | DATE |
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REHABILITATION PROJECT **MARIETTA, OHIO**

| SCALE: | AS NO | OTED | |
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| DRAWN B | BY: | JBB | |

PROJECT NO: 0 SERIES 231342 DRAWING NAME G-01 SHEET **COVER SHEET 82**

GENERAL:

- 1. THE CONTRACTOR SHALL PERFORM ALL OF THE WORK AND FURNISH ALL OF THE LABOR AND MATERIALS NECESSARY FOR THE FINAL COMPLETION OF THIS CONTRACT IN THE MANNER AND UNDER THE CONDITIONS HEREIN SPECIFIED AND PROVIDED AND IN ACCORDANCE WITH THE CONTRACT DRAWINGS. FOR SUMMARY OF WORK TO BE PERFORMED, THE CONTRACTOR SHALL REFER TO SPECIFICATION SECTION
- 2. A PRE-CONSTRUCTION VIDEO TAPE OF THE PROJECT AREA WILL BE REQUIRED AND SUBMITTED TO THE ENGINEER BEFORE CONSTRUCTION BEGINS.
- 3. THE CONTRACTOR SHALL NOT COMMENCE ANY FORM OF CONSTRUCTION WITHOUT CONTACTING THE ENGINEER, AS APPROPRIATE, A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ARRANGE FOR OBSERVATION. IF ANY CHANGE IN THE WORK SCHEDULE BECOMES NECESSARY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE ENGINEER TO AVOID UNNECESSARY OBSERVATION COSTS. IF NO NOTIFICATION IS MADE IN REGARDS TO CANCELLATION OF WORK, THE CONTRACTOR WILL BE CHARGED FOR THE TIME INCURRED.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN SAFE LOCAL ACCESS, VEHICULAR AND PEDESTRIAN, TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL FURNISH. MAINTAIN AND SUBSEQUENTLY REMOVE ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, BARRIERS, TEMPORARY PAVEMENT, LIGHTING, FLAGGERS, SIGNING AND OTHER TRAFFIC CONTROLS TO INSURE THE SAFETY OF PERSONS AND VEHICLES DURING CONSTRUCTION WITHIN THE PROJECT LIMITS.
- 5. ACCESS TO ALL DRIVEWAYS WILL BE MAINTAINED AT ALL TIMES EXCEPT THE TIME WHEN SEWER INSTALLATION AND PAVEMENT REPLACEMENT WILL NOT PERMIT.
- 6. ALL SHOP DRAWINGS WILL BE SUBMITTED TO THE ENGINEER FOR PRELIMINARY CHECKING. THE ENGINEER SHALL FORWARD THE CHECKED SHOP DRAWINGS TO THE OWNER FOR PRELIMINARY CHECKING. THE ENGINEER SHALL PROVIDE FINAL CHECKING AND APPROVAL. SHOP DRAWINGS MUST BE APPROVED PRIOR TO ORDERING ANY MATERIALS.
- 7. BEFORE THE OWNER WILL APPROVE AND ACCEPT THE WORK AND RELEASE THE GUARANTEE RETAINER, THE CONTRACTOR WILL FURNISH THE OWNER A WRITTEN REPORT INDICATING THE RESOLUTION OF ANY AND ALL PROPERTY DAMAGE CLAIMS FILED WITH THE CONTRACTOR BY ANY PARTY DURING THE CONSTRUCTION PERIOD. THE INFORMATION TO BE SUPPLIED SHALL INCLUDE, BUT NOT BE LIMITED TO, NAME OF CLAIMANT, DATE FILED WITH CONTRACTOR, NAME OF INSURANCE COMPANY AND/OR ADJUSTER HANDLING CLAIM, HOW CLAIM WAS RESOLVED AND IF CLAIM WAS NOT RESOLVED FOR THE FULL AMOUNT, A STATEMENT INDICATING THE REASON FOR SUCH ACTION
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL AND EQUIPMENT TESTING. THE OWNER MAY REQUIRE SUBGRADE COMPACTION TESTING, ASPHALT AND CONCRETE QUALITY CONTROL TESTING WHICH WILL BE PAID FOR BY THE OWNER.
- 9. WHEN MAILBOXES, FENCES, NEWSPAPER BOXES OR STREET SIGNS AND SUPPORTS INTERFERE WITH CONSTRUCTION, THE CONTRACTOR SHALL REMOVE AND ERECT THEM IN A TEMPORARY LOCATION DURING CONSTRUCTION (EXCEPT FENCES). AFTER COMPLETION OF THE CONSTRUCTION AND BEFORE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL ERECT THE MAILBOXES, FENCES, NEWSPAPER BOXES OR STREET SIGNS AND SUPPORTS IN A PERMANENT LOCATION IN ACCORDANCE WITH THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE WORK SHALL BE INCLUDED IN THE UNIT PRICES BID FOR OTHER ITEMS
- 10. PROPERTY PINS AND MONUMENTS ALONG THE ROUTE OF THE IMPROVEMENT, WHICH MAY BE DISTURBED BY THE CONTRACTOR, SHALL BE REFERENCED BY A PROFESSIONAL SURVEYOR, SO THEY CAN BE REPLACED IN THE EVENT THAT THEY ARE DISTURBED DURING CONSTRUCTION. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT ALL PINS, MONUMENTS AND REFERENCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF LOCATING AND REFERENCING AND REPLACING THE PROPERTY PINS AND MONUMENTS.
- 11. EASEMENTS LIMITS ARE NOTED ON THE PLANS ARE FROM AVAILABLE REFERENCE DOCUMENTS AND HAVE NOT BEEN MARKED OR PINNED BY FIELD SURVEY. THE CONTRACTOR SHALL PERFORM ALL WORK WITHIN THE LIMITS OF THE WORK AND MAINTAIN STAGING AND ACCESS AREAS WITHIN THE EASEMENT OR INGRESS/EGRESS LIMITS UNLESS WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER AND OR OWNER IS GIVEN. ANY DISTURBANCE TO PRIVATE PROPERTY WHETHER DIRECTLY OR INDIRECTLY RELATED TO THE IMPROVEMENTS BEING MADE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE TO ITS EXISTING CONDITION OR BETTER.
- 12. PAY ITEMS HAVE QUANTITIES THAT ARE GREATER THAN THAT OF WHAT IS DETAILED OR NOTED IN THE PLANS OR SPECIFICATIONS. THIS IS TO ACCOUNT FOR AN ANTICIPATED AMOUNT OF WORK THAT MAY BE ENCOUNTERED DUE TO PIPE OR MANHOLE CONDITIONS THAT WERE NOT ABLE TO BE DETERMINED BY THE OWNER PRIOR TO WORK INCLUDED IN THIS CONTRACT. IN THE EVENT OF A POINT REPAIR, THE CONTRACTOR SHALL SUBMIT UNIT PRICES FOR THE WORK WITH THE UNDERSTANDING THAT THE TOTAL QUANTITY IS ANTICIPATED TO FLUCTUATE BASED ON ENCOUNTERED CONDITIONS IN THE FIELD AFTER THE INITIAL CLEANING OF THE SEWER.
- 13. THE OWNER RESERVES THE RIGHT TO ADD OR REMOVE ANY PORTION OF WORK, WETHER EXPLICITLY DETAILED IN THE PLANS AND SPECIFICATIONS OR INCLUDED AS A CONTINGENCY QUANTITY, WITHOUT THE MODIFICATION OF THE UNIT PRICES SUBMITTED AT THE TIME OF

PROHIBITED CONSTRUCTION ACTIVITIES:

- 1. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED
- 2. THE USE OF EXPLOSIVES, UNLESS A PERMIT IS ISSUED BY THE OWNER.
- 3. PUMPING OF SEDIMENT-LADEN WATER FROM TRENCHES OR OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, STREAM CORRIDORS, OR STORM SEWERS; ALL SUCH WATER WILL BE PROPERLY FILTERED OR SETTLED TO REMOVE SILT PRIOR TO RELEASE.
- 4. DISCHARGING POLLUTANTS SUCH AS CHEMICALS, FUELS, LUBRICANTS, BITUMINOUS MATERIALS, RAW SEWAGE, OR ANY OTHER HARMFUL WASTE INTO OR ALONGSIDE OF RIVERS, STREAMS, IMPOUNDMENTS OR INTO NATURAL OR MAN-MADE CHANNELS LEADING THERETO.
- 5. OPEN BURNING OF PROJECT DEBRIS WITHOUT A PERMIT. HE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AN OEPA OPEN BUILDING AIR PERMIT OR DISPOSING OF THE TREES AND STUMPS
- 6. STORING CONSTRUCTION EQUIPMENT AND VEHICLES AND/OR STOCKPILING CONSTRUCTION MATERIALS ON PROPERTY, PUBLIC OR PRIVATE, NOT PREVIOUSLY SPECIFIED ON THE PLANS BY THE ENGINEER FOR SUCH PURPOSES.
- 7. RUNNING WELL POINT OR PUMP DISCHARGE LINES THROUGH PRIVATE OR PUBLIC PROPERTY AND RIGHTS-OF-WAY WITHOUT PERMISSION OF THE PROPERTY OWNER AND THE CONSENT OF THE ENGINEER. 8. OPERATION ENTAILING THE USE OF VIBRATORY HAMMERS OR COMPACTORS OUTSIDE THE HOURS OF 8:00 AM AND 5:00 PM OR OUTSIDE THE
- HOURS ALLOWED BY LOCAL ORDINANCES OR REGULATIONS. 9. CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY, STREET, ROAD, AVENUE OR BOULEVARD WITHOUT THE PRIOR CONSENT OF MUNICIPAL
- OFFICIALS AND THE ENGINEER AND CLOSING CLEAR ACCESS:
- a. BY FIRE PROTECTION EQUIPMENT AND EMERGENCY VEHICLES;
- b. BY THE PUBLIC TO ANY COMMERCIAL OR PROFESSIONAL PLACE OF BUSINESS, QUASI-PUBLIC OR PUBLIC ESTABLISHMENT, OR PLACE OF RESIDENCE; OR
- c. BY VEHICLES TO DRIVEWAYS WITHOUT THE PROVISION OF ALTERNATIVE MEANS OF BUILDING INGRESS AND EGRESS.
- 10. DISPOSING OF EXCESS OR UNSUITABLE EXCAVATED MATERIAL IN WETLANDS OR FLOODPLAINS, EVEN WITH THE PERMISSION OF THE PROPERTY OWNER.
- 11. LOCATING STOCKPILE STORAGE AREAS IN ENVIRONMENTALLY SENSITIVE AREAS.
- 12. INDISCRIMINATE, ARBITRARY, OR CAPRICIOUS OPERATION OF EQUIPMENT IN AND STREAM CORRIDORS, ANY WETLANDS, ANY SURFACE WATERS, OR OUTSIDE THE EASEMENT LIMITS.
- 13. PERMANENT OR UNSPECIFIED ALTERATION OF THE FLOW LINE OF ANY STREAM.
- 14. DAMAGING VEGETATION OUTSIDE OF THE CONSTRUCTION AREA
- 15. DISPOSAL OF TREES, BRUSH, AND OTHER DEBRIS IN ANY STREAM CORRIDORS, ANY WETLANDS, ANY SURFACE WATERS, OR AT UNSPECIFIED LOCATIONS.
- 16. DISCHARGING INJURIOUS SILICA DUST CONCENTRATIONS INTO THE ATMOSPHERE RESULTING FROM BREAKING, CUTTING, CHIPPING, RILLING, BUFFING, GRINDING, POLISHING, SHAPING OR SURFACING CLOSER THAN 200 FEET TO PLACES OF RESIDENCES OR COMMERCIAL PROFESSIONAL, QUASI-PUBLIC OR PUBLIC PLACES OF HUMAN OCCUPATION.
- 17. NO USING ANY SUBSTANCE OTHER THAN WATER TO CONTROL DUST

EXISTING UTILITIES:

- 1. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS, INCLUDING THE SANITARY SEWER, HAVE BEEN OBTAINED BY SEARCHES OF AVAILABLE GIS RECORDS. NO FIELD SURVEY WAS PREFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES, WETHER OR NOT SHOWN IN THE PLANS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE OWNER DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED DURING CONSTRUCTION AT THEIR EXPENSE.
- 2. BEFORE ANY WORK IS STARTED, THE CONTRACTOR SHALL CALL THE "OHIO UTILITIES PROTECTION SERVICE", OUPS, AT 1-800-362-2764, A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE OF THE WORK. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO ADDITIONAL EXPENSE TO THE OWNER, TO AVOID DAMAGE TO EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES DURING THE ENTIRE PROJECT. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY BY THE CONTRACTOR AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE OWNER, INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS.
- 3. DELAYS TO THE CONTRACTOR AS A RESULT OF TIMING OF POLE RELOCATION OR PROTECTION SHALL NOT BE CONSIDERED COMPENSABLE DELAYS, AS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK IN CONFORMANCE TO THE UTILITY COMPANY'S SCHEDULE.
- 4. NO SEPARATE PAYMENT WILL BE MADE FOR UTILITY SUPPORT, POLE SUPPORT OR POLE RELOCATION. THE CONTRACTOR SHALL INCLUDE THE COST OF UTILITY SUPPORT, POLE SUPPORT AND POLE RELOCATION IN THE UNIT PRICE(S) BID FOR OTHER RELATED ITEMS OF WORK.
- 5. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL THE EXISTING GAS, WATER, ELECTRIC, CABLE, FIBER, TELEPHONE, SANITARY OR OTHER UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF ANY PROPOSED IMPROVEMENT INDICATED ON THE PLANS. SHOULD A CONFLICT EXIST AT A UTILITY CROSSING, THE PROJECT ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- 6. THE CONTRACTOR SHALL ANTICIPATE AT A MINIMUM ONE SERVICE CONNECTION FOR EACH UTILITY (GAS, WATER, STORM SEWER, FIBER OPTIC OR POWER) TO EACH PROPERTY, EVEN IF NOT SHOWN ON PLAN. IF PRIVATE SERVICE LINES ARE ENCOUNTERED DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, SUPPORT, AND NOT DISRUPT ANY SERVICE TO THE PROPERTY OR PROPERTIES THAT PRIVATE UTILITY LINE PROVIDES SERVICE TO, NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY LOCATING, SUPPORTING. OR MANAGING TEMPORARY SERVICE FOR ANY PRIVATE UTILITY CONNECTION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF THE EXISTING UTILITY OWNERS AND THE UTILITY PROTECTION SERVICE IN THE LIST FEATURED ON THE COVER OF THE PLANS IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE
- 8. IN THE EVENT THAT ANY LEAD SERVICE CONNECTION IS ENCOUNTERED DURING THIS PROJECT BY THE CONTRACTOR, THE WATER SERVICE PROVIDER SHALL BE IMMEDIATELY NOTIFIED AND WORK AT THAT LOCATION SHALL CEASE UNTIL DIRECTION ON HOW TO PROCEED. CONTRACTOR SHALL CONTINUE WITH WORK ONCE THE WATER SERVICE PROVIDER GIVES NOTICE TO PROCEED WITHOUT ADDITIONAL PAYMENT FOR REMOBILIZATION.

MAINTENANCE OF TRAFFIC:

- 1. MAINTAINING TRAFFIC SHALL BE IN ACCORDANCE WITH ODOT ITEM 614 AND THE MOST RECENT VERSION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD). THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW AND ACCEPTANCE BY THE ENGINEER PRIOR TO BEGINNING WORK.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN SAFE LOCAL ACCESS, VEHICULAR AND PEDESTRIAN INCLUDING PERSONS WITH DISABILITIES, TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL FURNISH, MAINTAIN AND SUBSEQUENTLY REMOVE ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, BARRIERS, TEMPORARY PAVEMENT, LIGHTING, FLAGGERS, SIGNING, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROLS TO ENSURE THE SAFETY OF PERSONS AND VEHICLES DURING CONSTRUCTION WITHIN THE PROJECT LIMITS.
- 3. AT ALL EXCAVATION LOCATIONS THE CONTRACTOR SHALL PROVIDE SUITABLE FLASHERS, BARRICADES, AND TRAFFIC CONTROL DEVICES OR CREW AS DEEMED NECESSARY BY THE ENGINEER AND IN ACCORDANCE WITH THE OMUTCD FOR SUCH TIME UNTIL THE AREA IS COMPLETELY BACKFILLED.
- 4. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MUTCD. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN OR INCLUDED IN OTHER PAY ITEMS.
- 5. ACCESS MUST BE MAINTAINED FOR EMERGENCY VEHICLES AT ALL TIMES.
- 6. NO TRENCH WILL BE LEFT OPEN AT THE END OF A WORK DAY, WHERE PRACTICAL; ANY OPEN TRENCH WILL BE PROPERLY IDENTIFIED AND BARRICADED FOR SAFETY PURPOSES.
- 7. PRIOR TO CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY, STREET, ROAD, AVENUE, OR BOULEVARD, THE CONTRACTOR MUST HAVE CONSENT FROM LOCAL OFFICIALS AND THE ENGINEER
- 8. PRIOR TO CLOSING OFF ACCESS TO ANY PORTION OF PRIVATE PROPERTY WHERE SEWER WORK MAY BE LOCATED, THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE PROPERTY OWNER TO IMPLEMENT PROPOSED TRAFFIC CONTROL DEVICES WHICH SHALL ALSO REQUIRE FINAL APPROVAL BY THE ENGINEER.

ENVIRONMENTAL PROTECTION:

1. ALL MATERIALS TO BE DISPOSED OF OFF-SITE MUST BE DISPOSED OF IN AN ENVIRONMENTALLY SOUND MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AT A SITE APPROVED BY THE ENGINEER. NO EXCESS MATERIALS ARE TO BE DISPOSED OF IN ANY WETLAND, FLOODPLAIN, SURFACE WATER, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS. EROSION CONTROL MEASURES AT THE DISPOSAL SITE MUST BE INSTALLED AND MAINTAINED UNTIL DISPOSAL IS COMPLETE AND THE DISPOSAL SITE IS PERMANENTLY STABILIZED. GIVING EXCAVATED SOIL AWAY DOES NOT RELIEVE THE CONTRACTOR OR ENGINEER OF THIS RESPONSIBILITY.

MANHOLE REHABILITATION:

- 1. MANHOLE REHABILITATION SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF IMPROVEMENTS INCLUDED IN THE PLANS AND SPECIFICATION SECTION 330130.81 AS APPLICABLE.
- 2. THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SEDIMENT, ROOTS, OR OTHER OBSTRUCTIONS PRIOR TO APPLICATION OF ANY SPRAY OR TROWEL ON LINING SYSTEMS FOR MANHOLES.
- 3. ALL IMPROVEMENTS SHALL BE MADE AS TO NOT CAUSE FURTHER DAMAGE TO STRUCTURE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM ALL PREPARATION AND REPAIRS IN SUCH MANNER THAT NO ADDITIONAL DAMAGE OCCURS THAT REQUIRES ADDITIONAL REPAIRS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS. IF THE CONTRACTOR DETERMINES THE STRUCTURE IS NOT STABLE ENOUGH FOR APPLYING NOTED IMPROVEMENTS, THE ENGINEER SHALL BE NOTIFIED TO DETERMINE COURSE OF ACTION..
- 4. UNDER THE MISC. MANHOLE IMPROVEMENT ALLOWANCE" PAY ITEM, THE CONTRACTOR SHALL INSPECT DESIGNATED MANHOLES WITH THE CODED NOTE 9 FOR POTENTIAL INTERNAL IMPROVEMENTS OR REPLACEMENT THAT ARE INTENDED TO STRUCTURALLY STABILIZE, REHABILITATE, SEAL INFILTRATION, AND/OR IMPROVE THE HYDRAULIC TRANSITION BETWEEN PIPE INLETS AND OUTLETS. THE CONTRACTOR SHALL SUBMIT PROPOSED IMPROVEMENTS FOR EACH MANHOLE AFTER VISUAL INSPECTION WITH THE OWNER THAT WILL BE PAID AS A CURRENT BID ITEM (MANHOLE REHABILITATION CLEANING AND LINING, VARIOUS SIZES, AS PER PLAN OR TYPE "A" OR "B" SANITARY MANHOLE, AS PER PLAN") OR A NEW PAY ITEM AS NECESSARY BASED ON THE SCOPE OF WORK NECESSARY TO MEET THE OWNER'S NEEDS FOR ANY SPECIFIC MANHOLE. WORK MAY INCLUDE, BUT NOT LIMITED TO, INSTALLATION OF INTERNAL DROP STRUCTURES FOR ANY AND ALL INLETS, EXTENSION OF INLETS TO REDUCE TURBULENCE, INVERT AND CHANNEL REPAIR, REPLACEMENT, OR VARIOUS REHABILITATION OF ELEMENTS OF THE STRUCTURES TO STABILIZE OR SEAL THE STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EXISTING UTILITIES CONFLICTS AND PERFORMING ALL WORK WITHIN CURRENT SPECIFICATIONS OR OWNER STANDARDS. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED WORK, INCLUDING ANY SHOP DRAWING SUBMITTALS, TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY WORK COMMENCING. NO WORK SHALL BE PERFORMED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER VIA THE ENGINEER.

TREE/VEGETATION PROTECTION:

- 1. TREE REMOVAL WILL BE LIMITED TO THE TIME PERIOD BETWEEN OCTOBER 1 AND MARCH 31.
- 2. NO TREES MAY BE REMOVED, CUT, OR TRIMMED WITHOUT APPROVAL FROM THE OWNER AND CITY.
- 3. NO TREE REMOVAL WILL BE PERMITTED OUTSIDE THE TEMPORARY OR PERMANENT EASEMENT WITHOUT PERMISSION OF THE ENGINEER.

4. TREES WHICH ARE NOT REMOVED WILL BE PROTECTED BY ENSURING THAT TREES TO BE REMOVED ARE FELLED SO AS NOT TO INJURE THE

- REMAINING TREES. 5. PRIOR TO CLEARING, THE CONTRACTOR AND ENGINEER, SHALL WALK THE ACQUIRED EASEMENTS IN AN EFFORT TO DESIGNATE THE TREES THAT ARE TO BE SAVED. TREES TO BE SAVED WILL BE CLEARLY MARKED BY PAINT WITH THE LETTER "S". TREES TO BE PROTECTED BY AN
- APPROPRIATE BARRIER SHALL BE MARKED WITH AN "S" ENCLOSED IN A CIRCLE. TREES MARKED FOR REMOVAL IN THE PLANS WILL BE INSPECTED BY THE OWNER AND THE ENGINEER BEFORE REMOVAL & WILL BE SAVED WHERE POSSIBLE.
- 6. SOIL AND OTHER MATERIAL WILL NOT BE STORED NEXT TO OR WITHIN THE DRIP LINE OF TREES.
- 7. PRESERVATION OF LANDSCAPING SHOULD TAKE PRECEDENCE OVER REMOVAL. IF REMOVAL OR DAMAGE IS UNAVOIDABLE, EXISTING VEGETATION SHOULD BE REPAIRED OR REPLACED "IN-KIND" UNLESS THE PROPERTY OWNER SPECIFIES OTHERWISE.
- 8. IF TREES/SHRUBS CANNOT BE REPLACED IN THE SAME LOCATION DUE TO INSTALLATION OF THE SEWER SYSTEM, RELOCATION SHOULD BE
- 9. THE CONTRACTOR'S ARBORIST SHALL REPAIR ALL INJURIES TO BARK, TRUNKS, LIMBS, AND ROOTS OF REMAINING VEGETATION BY PROPERLY DRESSING, CUTTING, BRACING AND PAINTING, USING ONLY APPROVED TREE SURGERY METHODS, TOOLS, AND MATERIALS.
- 10. SELECTIVE PRUNING OF TREE LIMBS PRIOR TO INITIATION OF CONSTRUCTION SHOULD ONLY BE USED WITHIN ESTABLISHED EASEMENTS WHERE REMOVAL IS NECESSARY FOR OPERATION OF EQUIPMENT.
- 11. LIMIT THE USE OF RIP-RAP TO AREAS WHERE STREAM FLOW CONDITIONS PREEMPT VEGETATIVE STABILIZATION.
- 12. TREE REMOVAL WILL BE LIMITED TO THAT NECESSARY FOR CONSTRUCTION AND WILL BE LIMITED FURTHER TO THE PERMANENT EASEMENT WHENEVER POSSIBLE. IF THE PROJECT IS LOCATED WITHIN THE RANGE OF THE FEDERALLY-ENDANGERED INDIANA BAT (MYOTIS SODALIS) AND TREES MUST BE CUT, THIS MUST OCCUR BETWEEN SEPTEMBER 30 AND APRIL 1. INDIANA BATS ARE HIGHLY-DEPENDENT UPON TREES INCLUDING DEAD AND DYING TREES OF SPECIES WITH EXFOLIATING BARK, CREVICES, OR CAVITIES IN UPLAND AREAS OR RIPARIAN CORRIDORS AND LIVING TREES OF THE SPECIES LISTED ABOVE WITH EXFOLIATING BARK, CAVITIES, OR HOLLOW AREAS FORMED FROM BROKEN BRANCHES OR TOPS. IF SUITABLE TREES MUST BE CUT DURING THE PROHIBITED TIME PERIOD, A NET SURVEY MUST BE CONDUCTED TO DETERMINE THE PRESENCE OR ABSENCE OF INDIANA BATS PRIOR TO CUTTING.

AIR POLLUTION/NOISE CONTROL:

- 1. CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO HOURS OF 7AM TO 7 PM UNLESS AUTHORIZED TO PERFORM OUTSIDE THOSE LIMITS BY THE
- 2. CONSTRUCTION EQUIPMENT WILL BE PROVIDED WITH INTAKE SILENCERS AND MUFFLERS, AS REQUIRED BY SAFETY STANDARDS.
- 3. ALL CONSTRUCTION VEHICLES SHOULD BE EQUIPPED WITH PROPER EMISSIONS CONTROL EQUIPMENT
- 4. PERIODICALLY CHECK EQUIPMENT AND MACHINERY FOR PROPER TUNING TO MINIMIZE EXHAUST EMISSIONS AND NOISE.
- UNPAVED AREAS WILL BE WET DOWN (AS NECESSARY) DURING CONSTRUCTION TO MINIMIZE DUST

EXCAVATION AND TRENCHING:

- 1. TRENCHING, HAUNCHING, BEDDING, AND EXCAVATION SHALL BE PERFORMED IN ACCORDANCE WITH CONSTRUCTION DETAILS AND SPECIFICATION SECTIONS 310000 AND 333100.
- 2. NO GEOTECHNICAL SOIL BORINGS WERE PERFORMED TO DETERMINE IN-SITU SOIL CONDITIONS. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE AND/OR OBTAIN PERTINENT SUBSURFACE INFORMATION RELATIVE TO THE PROJECT AREA WHERE EXCAVATION IS ANTICIPATED OR MAY TAKE PLACE.
- 3. SLAG PRODUCTS OR CRUSHED CONCRETE WILL NOT BE PERMITTED FOR BEDDING, BACKFILL, OR TRAFFIC COMPACTED SURFACE.
- 4. ALL UTILITY LINES CROSSING THE NEW SEWER TRENCH, (I.E. STORM SEWERS, STORM LATERALS, WATERLINES, WATERLINE CONNECTIONS, SANITARY SEWERS, SANITARY LATERALS, GAS MAINS, GAS SERVICE CONNECTIONS, UNDERGROUND OCT CONDUITS, CABLE TV LINES) SHALL BE PROTECTED AND SUPPORTED WITH HARDWOOD PLANKS OR REMOVED AND REPLACED, RECONNECTED AND SUPPORTED ACROSS THE ENTIRE WIDTH OF THE TRENCH. NO ADDITIONAL COMPENSATION WILL BE PAID FOR THE ABOVE WORK REGARDLESS IF THE EXISTING UTILITIES ARE SHOWN OR NOT SHOWN ON THE PLANS.
- 5. ANY COMPACTION TESTING REQUIRED AT THE SOLE DISCRETION OF THE ENGINEER SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

DEWATERING:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A DEWATERING SYSTEM THAT ALLOWS THE PROPER INSTALLATION OF ANY NEW SEWER OR STRUCTURES. ALL EQUIPMENT, LABOR, AND COSTS ASSOCIATED WITH TRENCH DEWATERING SHALL BE INCLUDED IN SEWER OR STRUCTURE PAY ITEMS.
- 2. ALL DEWATERING FLOWS FROM EXCAVATION AND TRENCHING OPERATIONS SHALL BE SETTLED INTO INSTALLATION BASINS OR DIRECTED THROUGH APPROVED FILTERING DEVICES PRIOR TO BEING DISCHARGED TO STABILIZED SITES. SUCH AS STREAMS OR STORM SEWER: NOT ONTO EXPOSED SOILS, STREAM BANKS, OR ANY EITHER SITE WHERE THE FLOW COULD CAUSE OR INCREASE THE RATE OF EROSION.
- 3. SILT FROM CONSTRUCTION OPERATIONS SHALL NOT BE PERMITTED TO ENTER INTO THE STORM SEWER SYSTEM. FOR THE ENTIRE COURSE OF CONSTRUCTION, EROSION CONTROL (FILTERS OR OTHER APPROVED BMPS) MEASURES SHALL BE IMPLEMENTED AT ALL NEARBY INLETS TO PREVENT SILT FROM ENTERING INTO THE SYSTEM. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THESE DEVICES FOR THE ENTIRE DURATION OF CONSTRUCTION AND SHALL ONLY REMOVED BY ORDER OF THE ENGINEER.
- 4. CONVEY WATER FROM THE CONSTRUCTION SITE IN A CLOSED CONDUIT. TRENCH EXCAVATIONS SHALL NOT BE PERMITTED AS TEMPORARY DRAINAGE DITCHES.

CURED-IN-PLACE PIPE (CIPP) LINING NOTES:

- 1. REFER TO SPECIFICATION SECTIONS 330130.72 AND 330130.74 FOR CIPP LINING SPECIFICATIONS, MINIMUM DESIGN CRITERIA, AND PERFORMANCE REQUIREMENTS.
- 2. ALL CIPP LINING SYSTEMS ON PIPES 36" OR LESS SHALL BE DESIGNED IN ACCORDANCE WITH THE MOST RECENT VERSION OF ASTM F1216 AND PROJECT SPECIFICATIONS. ALL CIPP LINING SYSTEMS GREATER THAN 36" IN DIAMETER SHALL BE DESIGN IN ACCORDANCE WITH THE MOST RECENT VERSION OF ASCE MOP 145 AND PROJECT SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL SUBMIT A LINER THICKNESS CALCULATION BASED ON THE ACTUAL PHYSICAL PROPERTIES OF THE APPROVED SUBMITTED LINER SYSTEM FOR EACH SECTION IN ACCORDANCE WITH ALL SPECIFICATIONS. LINER THICKNESS CALCULATIONS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER IN CURRENTLY LICENSED IN THE STATE OF OHIO.
- 4. ALL LINING SYSTEMS SHALL NOT EXCEED A THICKNESS THAT WILL REDUCE THE ORIGINAL DESIGN CAPACITY OF EACH SEWER SECTION. ANY LINER SYSTEM SHALL HAVE A MANUFACTURER CERTIFIED FRICTION FACTOR LOWER THAN THAT OF THE NATIVE MATERIAL OF WHICH IT IS BEING INSTALLED IN.
- 5. SEWER FLOWS SHALL BE MAINTAINED IN ACCORDANCE WITH SPECIFICATION 330130.03. ALL BYPASS PLANS MUST BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
- 6. CONTRACTOR SHALL VERIFY ALL VISIBLE CONNECTIONS PRIOR TO INSTALLATION OF ANY LINING SYSTEM. THIS WILL INCLUDE AT THE ENGINEER'S DISCRETION, DYE TESTING AND/OR LATERAL LAUNCHING TO CONFIRM THE SOURCE OF THE CONNECTION.
- 7. ALL ACTIVE CONNECTIONS SHALL BE REINSTATED IMMEDIATELY AFTER THE INSTALLATION AND CURING OF LINING. LOCATOR TAPE SHALL BE INSTALLED ON ANY NEW CONNECTION INTO THE MAINLINE SEWER.
- 8. PROTRUDING TAPS SHALL BE CUT BACK TO BE FLUSH WITH THE EXISTING PIPE SURFACE PRIOR TO INSTALLATION OF ANY LINING SYSTEM. THIS SHALL BE PAID AS A SEPARATE PAY ITEM.



8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



NO **REVISION** DATE **MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1** 6/19/2025

COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

SCALE: AS NOTED DATE: 6/16/2025 **DESIGNED BY:** TJM DRAWN BY: JBB CHECKED BY: CPR

GENERAL - 00 SERIES

231342 **DRAWING NAME G-02** SHEET

82

PROJECT NO:

GENERAL NOTES

SITE LINE LEGEND:

 PROPERTY LINE (APPROXIMATE NOT SURVEYED)

 SAN
 SAN

 SAN
 SANITARY LINE

 EXC
 EXC

 EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

TEMPORARY CONSTRUCTION EASEMENT LINE

TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE

REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

S EXISTING SANITARY MANHOLE - 48"

| GENE | ERAL ABBREVIATIONS: | | |
|------|--------------------------------|-----|--------------------------|
| AR | AIR RELEASE VALVE | MV | MUD VALVE |
| AV | AIR & VACUUM VALVE | N | NORTHING |
| BA | BALL VALVE | ОН | OVERHEAD |
| BFV | BUTTERFLY VALVE | PD | PLUG DRAIN VALVE |
| BK | BACKPRESSURE VALVE | PF | PRESSURE RELIEF |
| BM | BENCH MARK | PG | PRESSURE REGULATOR |
| BP | BACKFLOW PREVENTER | PI | PINCH VALVE |
| CB | CATCH BASIN | PR | PROPOSED |
| CL | CENTER LINE | PRV | PRESSURE REDUCING VALVE |
| CO | CONE VALVE | PT | PRESSURE TEMPERATURE REL |
| CPP | CORRUGATED PLASTIC PIPE | PV | PLUG VALVE |
| CV | CHECK VALVE | PVC | POLYVINYL CHLORIDE PIPE |
| DIP | DUCTILE IRON PIPE | R/W | RIGHT OF WAY |
| E | EASTING | RJ | RESTRAINED JOINT |
| EG | EXISTING GRADE | SAN | SANITARY |
| EL | ELEVATION | SCH | SCHEDULE |
| EX | EXISTING | SB | SOIL BORING |
| FG | FINISHED GRADE | SDR | STANDARD DIAMETER RATIO |
| FH | FIRE HYDRANT | SS | STAINLESS STEEL |
| FL | FLANGED | STA | STATION |
| FRP | FIBERGLASS REINFORCED PLASTIC | STL | STEEL PIPE |
| FTG | FITTING | STM | STORM |
| GL | GLOBE VALVE | SU | SURGE VALVE |
| GS | GALVANIZED STEEL | SV | SOLENOID VALVE |
| GV | GATE VALVE | TYP | TYPCIAL |
| HDPE | HIGH-DENSITY POLYETHYLENE PIPE | UG | UNDERGROUND |
| KG | KNIFE GATE VALVE | VB | VALVE BOX |
| KN | KNIFE VALVE | WAT | WATER |
| MH | MANHOLE | WV | WATER VALVE |
| MIN | MINIMUM | | |

GENERAL SYMBOLOGY NOTES:

MECHANICAL JOINT

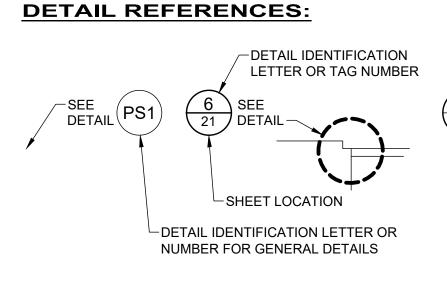
- 1. THIS IS A STANDARD SHEET SHOWING COMMONLY USED SYMBOLOGY.
- 2. ALL SYMBOLS, LINES, ABBREVIATIONS AND MATERIAL PATTERNS ARE NOT NECESSARILY USED ON THIS PROJECT.
- 3. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE NEW IMPROVEMENTS SO AS TO HIGHLIGHT SPECIFIC TRADE WORK. REFER TO CONTEXT OF EACH SHEET FOR USAGE.
- 4. SYMBOLOGY OR DIAGRAMMATICAL LEGENDS MAY BE SHOWN ON INDIVIDUAL SHEETS FOR SCHEDULES, DIAGRAMS, DETAILS, SCHEMATICS OR EQUIPMENT.

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MAJOR SECTION CUT CONVENTIONS: SECTION IDENTIFICATION LETTER OR NUMBER SHEET LOCATION SECTION PATH A 23 B C 23 SHEET LOCATION D 23 D 24 D 25 D 26 D 27 D 28 D 29 D 20 D 20



SECTION IDENTIFICATION
LETTER OR NUMBER

A SECTION
TITLE

23 SCALE: 1/4" = 1'-0"

SCALE

SECTION SHEET LOCATION

DETAIL IDENTIFICATION
LETTER OR NUMBER

TITLE

21 SCALE: 1/4" = 1'-0"

SCALE

DETAIL

TITLE

21 SCALE: 1/4" = 1'-0"

SCALE

DETAIL

SCALE

TITLE

21 SCALE: 1/4" = 1'-0"

REFERENCE DIMENSION:

12'-4" (REF.)

REFERENCE DIMENSIONS ARE GIVEN FOR INFORMATION ONLY. THEY ARE CALCULATED DIMENSIONS NOT INTENDED TO BE USED WITHOUT FIELD VERIFICATION AND ARE USEFUL IN SHOWING INTENDED DESIGN.

GENERAL PROPOSED REHABILATION:

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

DRAWING CODED NOTE TYPES:

1. VERDANTAS CONTRACTUAL NOTES ARE DEPICTED WITH A HEXAGON, SQUARE, CIRCLE OR TRIANGLE. ALL OTHER EXISTING WRITTEN CALLOUTS SHOWN ON THE REUSED SCANNED PLANS, SECTIONS & DETAILS ARE FOR EXISTING CONDITIONS AND REFERENCE ONLY, MANY OF THOSE NOTES FROM THE SCANNED DRAWINGS PERTAIN TO PREVIOUS WORK DONE.

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| NO | REVISION | DATE |
|----|---|-----------|
| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| DATE: 6/16/2025 DESIGNED BY: TJM DRAWN BY: JBB |
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| DRAWN BY: JBB |
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CHECKED BY: CPR

CIVIL - 10 SERIES

LEGEND AND SYMBOLS

PROJECT NO:

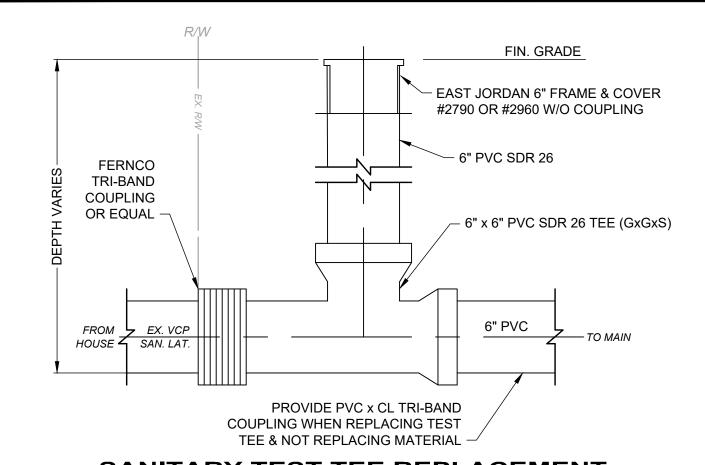
231342

DRAWING NAME

G-03

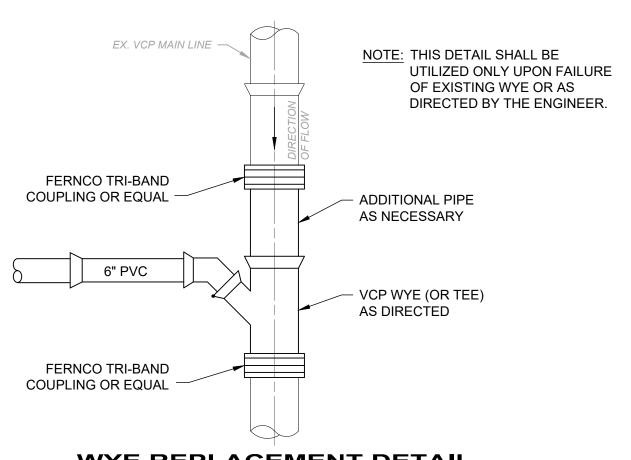
SHEET OF

82



SANITARY TEST TEE REPLACEMENT

NOT TO SCALE



WYE REPLACEMENT DETAIL

NOT TO SCALE

NOTE: ITEM SHALL BE USED AS DIRECTED. EXCAVATED TRENCH **EXCAVATED TRENCH** WIDTH (SEE NOTE 1) WIDTH (SEE NOTE 1) **EXCAVATED TRENCH** WIDTH (SEE NOTE 1) GEOTEXTILE FABRIC-GEOTEXTILE FABRIC -LESS THAN (SEE NOTE 7) (SEE NOTE 7) 12" COVER INITIAL BACKFILL 12" MIN. COVER SPRINGLINE-12" MIN. COVER INITIAL CONCRETE SPRINGLINE: BACKFILL CRADLE **HAUNCHING** 6" MIN. · : . | \(\overline{\Delta} \cdot \overline{\Delta} \ SPRINGLINE-BEDDING HAUNCHING (MAY NOT BE FOUNDATION 6" MIN. OR **FOUNDATION** REQUIRED) BEDDING REQUIRED) 1/8 PIPE I.D. WHICHEVER IS GREATER (MAY NOT BE REQUIRED)-- SHAPE TRENCH BOTTOM FOR PROJECTING PIPE BELLS TO ALLOW PIPE BARREL TO BE CLASS 'A' PIPE EMBEDMENT CLASS 'B' PIPE EMBEDMENT CLASS 'C' PIPE EMBEDMENT **EVENLY SUPPORTED BY THE TRENCH BOTTOM**

- 1. MAXIMUM EXCAVATED TRENCH WIDTH: THE MAXIMUM EXCAVATED TRENCH WIDTH FROM THE BOTTOM OF THE TRENCH TO 12" OVER THE TOP OF THE PIPE (WITHIN PIPE EMBEDMENT) SHALL BE O.D. + 24" FOR ALL PIPES UP TO AND INCLUDING 24" I.D. + 30" FOR PIPE FROM 24" I.D. TO 54" I.D. AND O.D. + 48" FOR PIPES SIZES 60" I.D. AND OVER.
- 2. FOUNDATION: WHERE AN UNSTABLE TRENCH BOTTOM CONDITION IS ENCOUNTERED, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH MATERIAL AS DIRECTED BY THE ENGINEER.
- 3. PIPE EMBEDMENT:
- CLASS A: CLASS A PIPE EMBEDMENT SHALL BE USED FOR ALL PIPING UNDER PAVEMENT OR STRUCTURES WITH LESS THAN 12 INCHES OF PIPE COVER TO THE SUBGRADE. THE CONCRETE CRADLE SHALL BE IN ACCORDANCE WITH ODOT ITEM 499, CLASS "C". THE INITIAL BACKFILL SHALL BE AASHTO NO. 57 OR NO. 67 GRANULAR PIPE EMBEDMENT.

CLASS B: CLASS B PIPE EMBEDMENT SHALL BE USED FOR ALL PIPING UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER. THE BEDDING AND HAUNCHING SHALL BE AASHTO NO. 57 OR NO. 67 GRANULAR PIPE EMBEDMENT. IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE, THE INITIAL BACKFILL SHALL BE AASHTO NO. 57 OR NO. 67 STONE GRANULAR PIPE EMBEDMENT. IN ALL AREAS OUTSIDE OF PAVEMENT, STRUCTURES OR THE ZONE OF INFLUENCE, THE INITIAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER FOR ONLY REINFORCED CONCRETE PIPE AND DUCTILE IRON PIPE. THE INITIAL BACKFILL FOR ALL OTHER PIPES SHALL BE AASHTO NO. 57 OR NO. 67 GRANULAR PIPE EMBEDMENT.

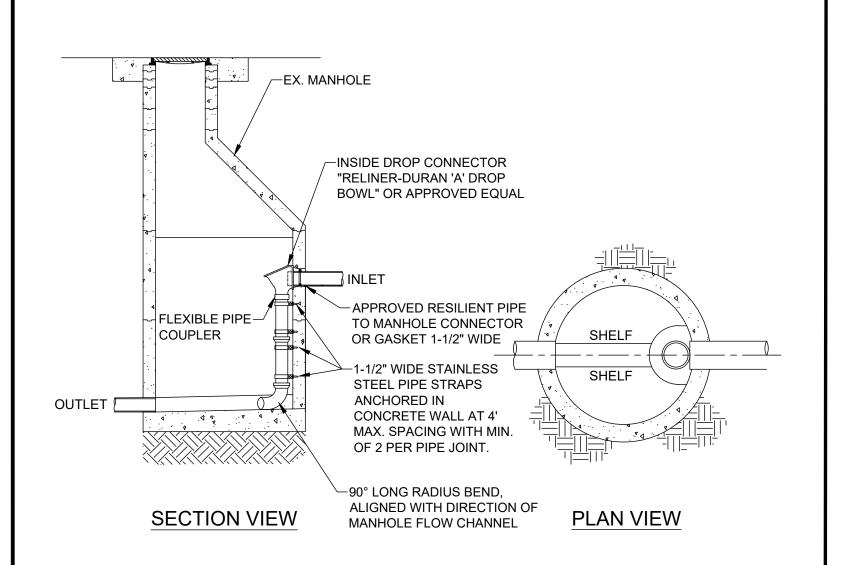
CLASS C: CLASS C PIPE EMBEDMENT SHALL ONLY BE USED FOR DUCTILE IRON WATER MAIN, DUCTILE IRON FORCE MAINS OR AS AUTHORIZED BY THE ENGINEER. THE PIPE EMBEDMENT SHALL BE AASHTO NO. 57 OR NO. 67 GRANULAR PIPE EMBEDMENT IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE. THE PIPE EMBEDMENT SHALL BE SUITABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER IN ALL AREAS OUTSIDE OF PAVEMENT, STRUCTURES OR THE ZONE OF INFLUENCE. WHERE ROCK OR SHALE IS ENCOUNTERED, A MINIMUM 6-INCHES OF AASHTO NO. 57 OR NO. 67 GRANULAR PIPE BEDDING OR SAND BEDDING SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

- 4. FINAL BACKFILL: IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE THE FINAL BACKFILL SHALL BE SPECIAL BACKFILL MATERIAL. IN ALL AREAS OUTSIDE OF PAVEMENT, STRUCTURES OR THE ZONE OF INFLUENCE, THE FINAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER.
- 5. SPECIFICATIONS: ALL TRENCHING, PIPE EMBEDMENT AND BACKFILL MATERIALS SHALL BE IN ACCORDANCE WITH SPECIFICATION 310000.
- 6. CLAY TRENCH DAMS: CLAY TRENCH DAMS SHALL BE REQUIRED AS SHOWN ON PLANS OR WHEN AND WHERE NECESSARY AS DIRECTED BY THE ENGINEER.
- 7. GEOTEXTILE FABRIC: INSTALL A GEOTEXTILE FABRIC IN ACCORDANCE WITH ODOT 712.09, TYPE A, AFTER ALL INITIAL BACKFILL CONSISTING OF AASHTO NO. 57 OR NO. 67 GRANULAR PIPE EMBEDMENT.
- 8. DETECTOR TAPE: IF REQUIRED IN THE SPECIFICATIONS, INSTALL DETECTABLE WARNING TAPE ABOVE UTILITIES, 12" BELOW FINISHED GRADE, EXCEPT 6 INCHES BELOW SUBGRADE UNDER PAVEMENT AND SLABS.

TRENCHING, EMBEDMENT AND BACKFILL DETAIL

NOT TO SCALE

(FOR SEWER INSTALLATION)



STANDARD DROP MANHOLE -INTERIOR DROP DETAIL

verdantas

TIMOTHY J. MCLAUGHLIN 83985

REVISION DATE MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 6/19/2025

COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

SCALE: AS NOTED DATE: 6/16/2025 **DESIGNED BY:** TJM **DRAWN BY:**

CHECKED BY: CPR

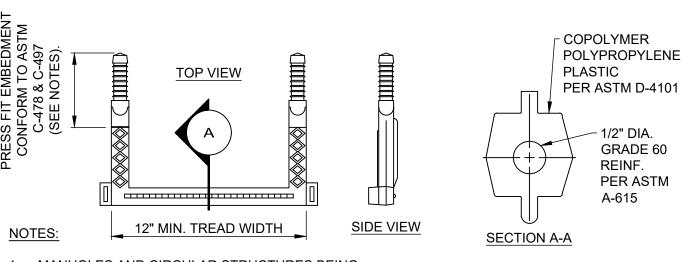
PROJECT NO: GENERAL - 00 SERIES 231342 DRAWING NAME G-04 **CONSTRUCTION DETAILS (1 OF 3)**

82

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MENTOR, OHIO 44060

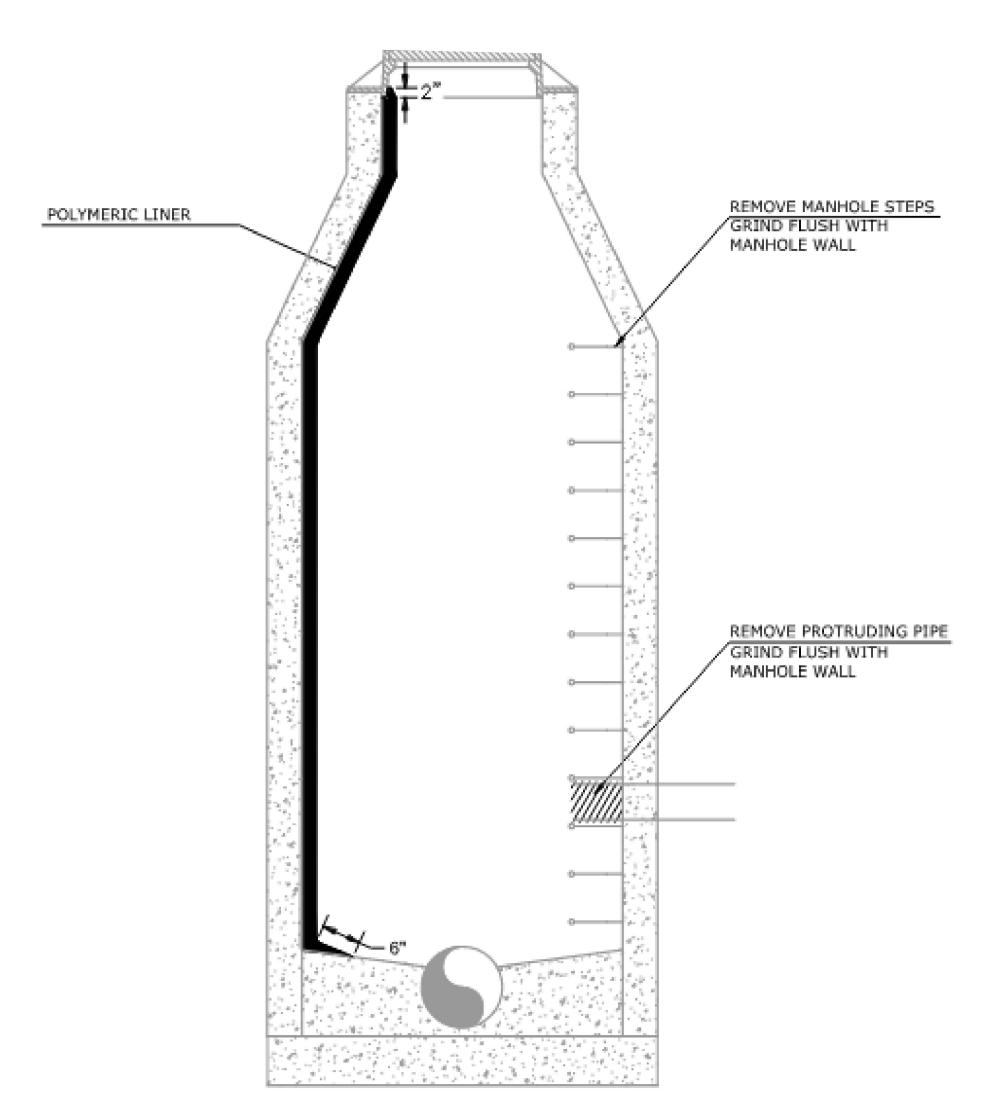
(440) 951-9000



- 1. MANHOLES AND CIRCULAR STRUCTURES BEING:
- 1.1. UP TO AND INCLUDING 5'-0" DIA.: USE 16" C/C MIN. STEP SPACING.
- 1.2. OVER 5'-0" DIA.: USE 12" C/C MIN. STEP SPACING.
- 2. MOUNTING REQ'S SHALL CONFORM TO THE MFR'S RECOMMENDATIONS.

TYPICAL MANHOLE STEP DETAIL

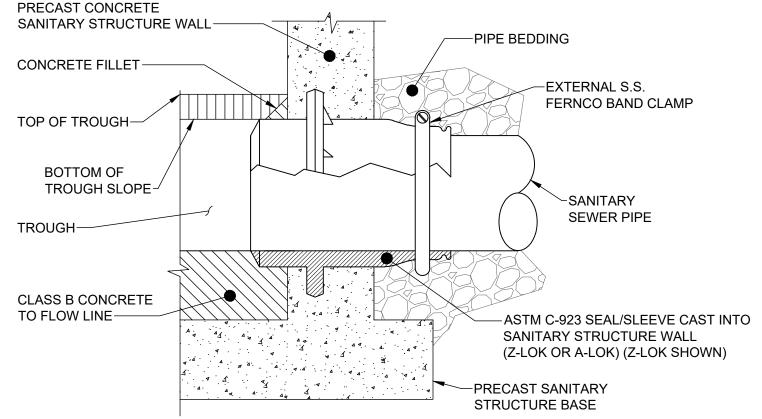
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SEE SPECIFICATION SECTION 33 01 30.81

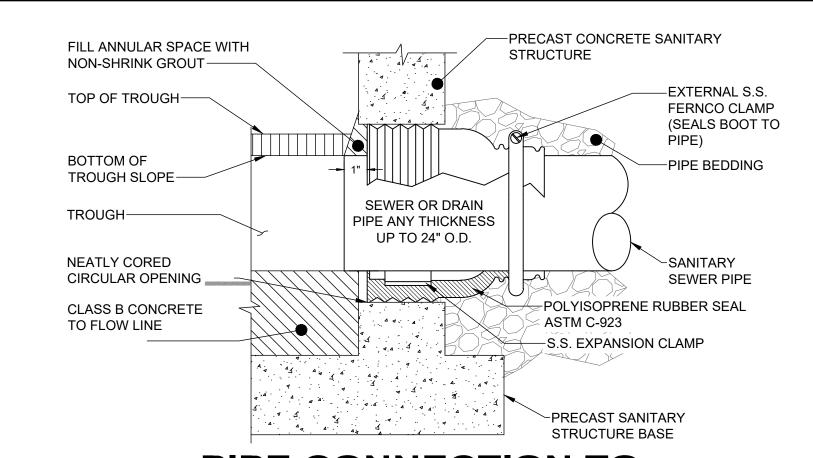
LINER SHALL OVERLAP FRAME BY 2" (MIN) AND BENCH BY 6' (MIN)

REHABILITATION OF EXISTING MANHOLE



PIPE CONNECTION TO NEW STRUCTURE DETAIL

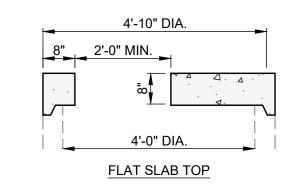
CONTRACTOR SHALL REFER TO MANUFACTURER DETAILS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS NOT EXPLICITLY NOTED ON THESE DETAILS FOR INSTALLING NEW PIPE INTO AN EXISTING OR NEW PRE-CAST CONCRETE STRUCTURE.

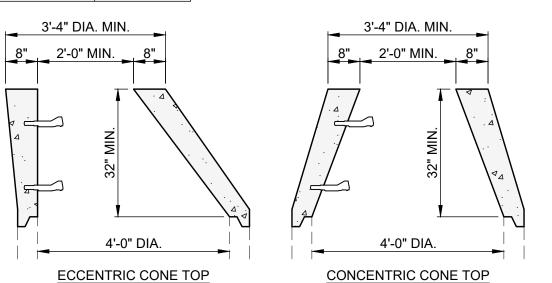


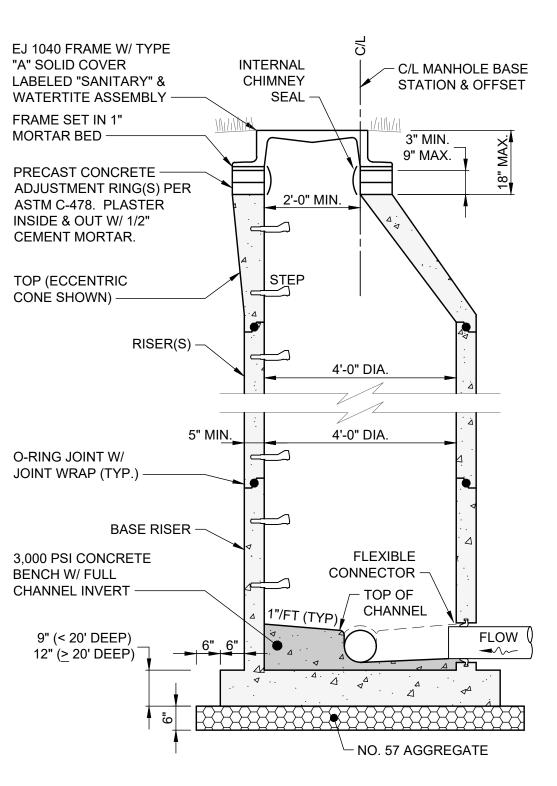
PIPE CONNECTION TO **EXISTING STRUCTURE DETAIL**

CONTRACTOR SHALL REFER TO MANUFACTURER DETAILS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS NOT EXPLICITLY NOTED ON THESE DETAILS FOR INSTALLING NEW PIPE INTO AN EXISTING OR NEW PRE-CAST CONCRETE STRUCTURE

BASE I.D. MIN. "t" ODOT **TYPING** 4'-0" 5'-0" В С 6'-0" D 7'-0" 8'-0"







- TOP SECTION SHALL BE AN ECCENTRIC CONE. ROTATE CONE TO OFFSET MANHOLE CASTING TO AVOID SIDEWALKS, UNDERDRAINS AND CURBS. USE FLAT SLAB TOP IF MANHOLE IS LESS THAN 6'-3" DEEP.
- O-RING JOINT BETWEEN PRECAST MANHOLE SECTIONS SHALL BE RESILIENT WATERTIGHT GASKET PER ASTM C-443.
- PRECAST MANHOLE AND REINFORCEMENT SHALL CONFORM TO ASTM C-478.
- 4. BASE MUST BE PRECAST MONOLITHIC WITH BASE RISER.
- 5. ALL PIPE OPENINGS MUST BE PRECAST WITH FLEXIBLE CONNECTIONS (Z-LOK OR A-LOK) PER ASTM C-923.
- WRAP ALL INSIDE AND OUTSIDE MANHOLE JOINTS WITH 24" WIDE EXTERIOR JOINT WRAP PER ASTM C-877 TYPE III, CONSEAL
- 7. CONCRETE CHANNEL TOP SHALL EXTEND TO FULL HEIGHT OF PIPE(S).
- CONCRETE BENCH AND CHANNEL(S) SHALL BE PRECAST AS ONE PIECE IN THE BASE SECTION. ALL PIPES SHALL HAVE POURED INVERTS.
- 9. ALL PRECAST CONCRETE SECTIONS SHALL BE MANUFACTURED AND FURNISHED AS SOLID SECTIONS WITHOUT LIFT HOLES OF
- 10. USE REINFORCED PLASTIC MANHOLE STEPS.
- 11. FIRST STEP SHALL NOT BE MORE THAN 2'-0" BELOW TOP OF FRAME. MAKE PROJECTION 3-1/2" IF IN 24" DIA. SECTION.
- 12. MANHOLE MUST PASS A VACUUM TEST PER ASTM C-1244.
- 13. ANY PRECAST CONCRETE SECTION DAMAGED IN TRANSIT OR ON-SITE AND WHERE THE WATER TIGHTNESS OF THE SECTION HAS BEEN ADVERSELY AFFECTED SHALL BE REPLACED AND NOT UTILIZED IN THE CONSTRUCTION OF THE MANHOLE.

PRECAST CONCRETE **MANHOLE (SANITARY) DETAIL** SCALE: NONE

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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| F Okis- | NO | REVISION | DATE |
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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | IOTED |
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| DATE: | 6/16 | 6/2025 |
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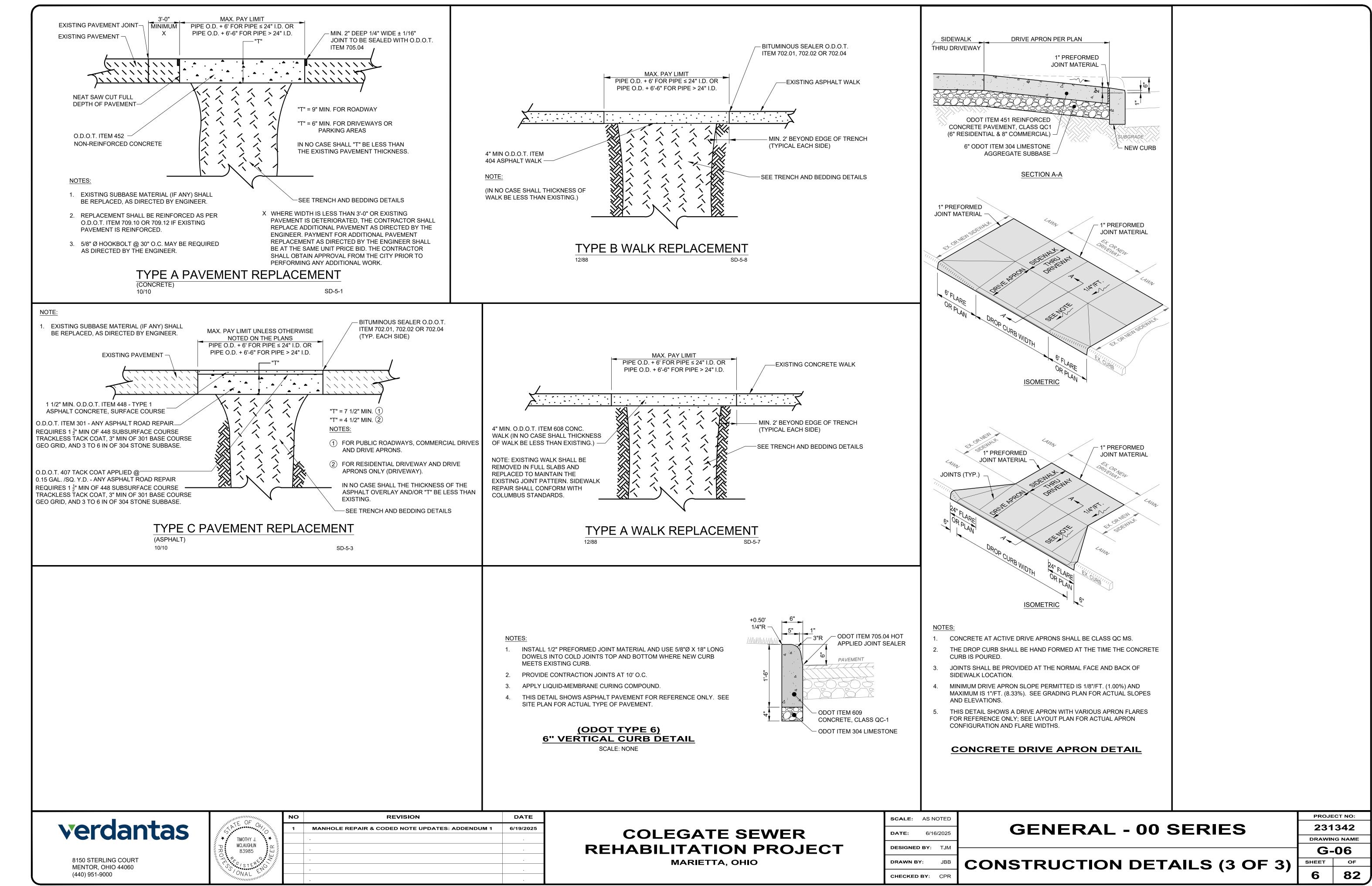
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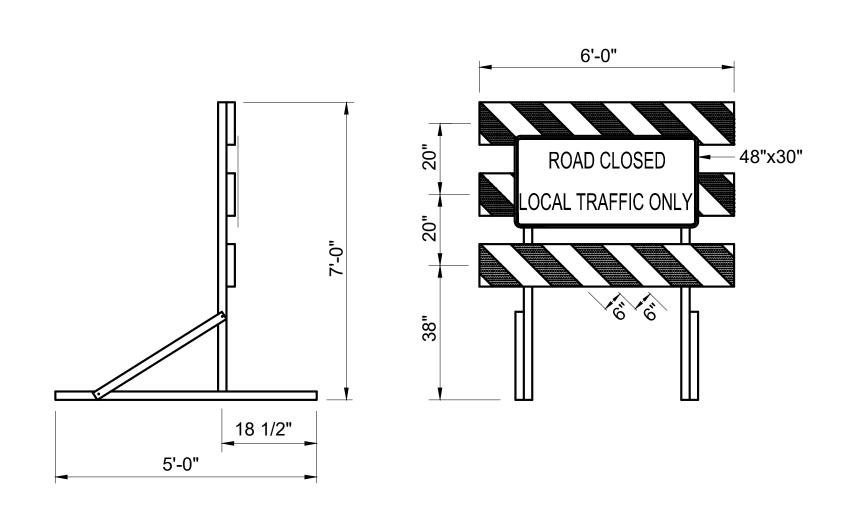
231342 DRAWING NAME G-05

PROJECT NO:

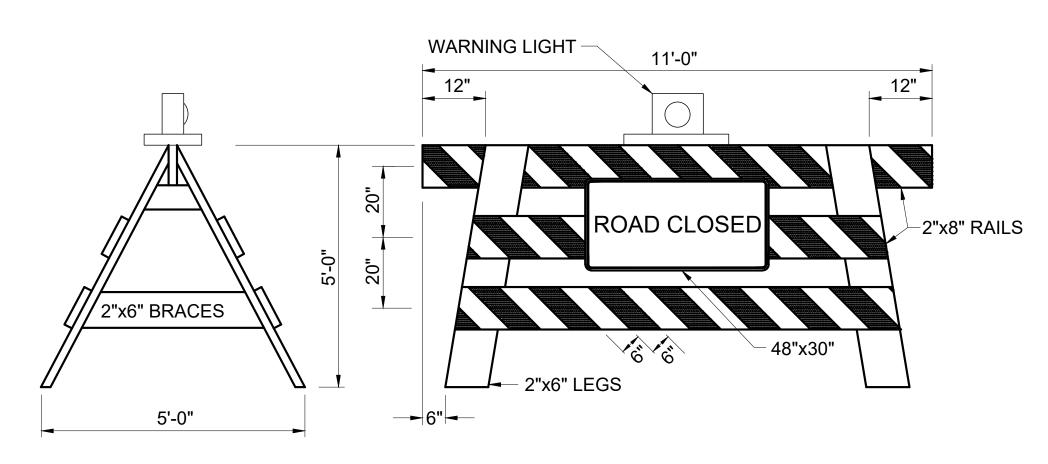
82

CONSTRUCTION DETAILS (2 OF 3)





TYPE III PORTABLE CONSTRUCTION BARRICADE



TYPE III DEMOUNTABLE CONSTRUCTION BARRICADE

CONSTRUCTION TWO LANES NOTES: 1. USE THE SAME WARNING SIGNS ON THE 125' 200' 200' 200' OPPOSITE APPROACH. MIN. MIN. 2. SPACE THE DRUMS AT 50' MAX. ON TANGENT. CONSTRUCTION ZONE HIGH LEVEL FLAGMAN

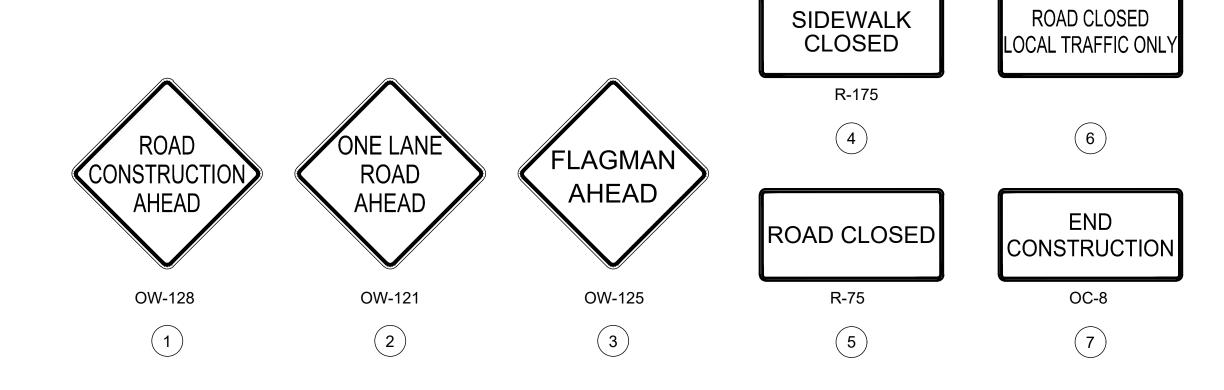
0.5 MILE MAXIMUM

CONSTRUCTION ONE LANE

✓ DRUMS

50'

- A. BARRICADES: BARRICADES SHALL BE CONSTRUCTED ACCORDING TO DETAILS SHOWN. WHEN THE ROAD IS CLOSED TO TRAFFIC, BARRICADES SHALL BE USED TO EFFECTIVELY CLOSE THE ENTIRE ROADWAY. THE ENDS OF THE BARRICADE SHALL BE LOCATED BY THE ENGINEER TO EFFECT THE DESIRED CLOSING OF THE ROADWAY.
- B. PAINTING AND REFLECTORIZATION: ALL RAILS OF THE BARRICADES AND GATES SHALL BE REFLECTORIZED WITH ORANGE AND WHITE REFLECTORIZED TYPE "G" SHEETING IN 6" WIDE ALTERNATE STRIPES WHICH SLOPE DOWNWARD TOWARD THE CENTERLINE OF THE ROAD AT AN ANGLE OF 45°. ALL THREE RAILS OF THE ROAD CLOSED BARRICADE SHALL BE STRIPED ON THE SIDE FACING TRAFFIC. ALL GATE RAILS SHALL BE STRIPED ON BOTH SIDES. ALL POSTS, BRACES, GATE-LEGS, AND UNSTRIPED RAILS SHALL BE PAINTED WHITE.
- C. TYPE "C" STEADY BURNING BARRICADE WARNING LIGHTS: EACH GATE SHALL BE EQUIPPED WITH A TYPE "C" STEADY BURNING BARRICADE WARNING LIGHT, CONSPICUOSLY VISIBLE AT ALL DISTANCES UP TO 1000' UNDER NORMAL CONDITIONS BETWEEN SUNSET AND SUNRISE DURING THE PERIOD THE ROAD IS CLOSED.
- D. SIGNS: WHERE THE ROAD IS CLOSED TO TRAFFIC BY THE ERECTION OF BARRICADES, "ROAD CLOSED" SIGNS (R-75) SHALL BE MOUNTED ON THE BARRICADES AS SHOWN. WHEN TRAFFIC IS MAINTAINED, A "ROAD CONSTRUCTION AHEAD" SIGN (OW-128) SHALL BE USED ON THE RIGHT SHOULDER ON THE APPROACHES AT THE INTERSECTING STREET IN ADVANCE OF THE PROJECT. WHERE THE SIDEWALK IS CLOSED TO PEDESTRIAN TRAFFIC "SIDEWALK CLOSED" SIGNS SHALL BE ERECTED ACROSS THE WALK AT THE LOCATION SHOWN.



FLAGMAN

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
|-------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS NOTED | |
|----------|-----------|--|
| DATE: | 6/16/2025 | |
| DESIGNEI | DBY: TJM | |
| DRAWN B | Y: JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

MAINTENANCE OF
TRAFFIC

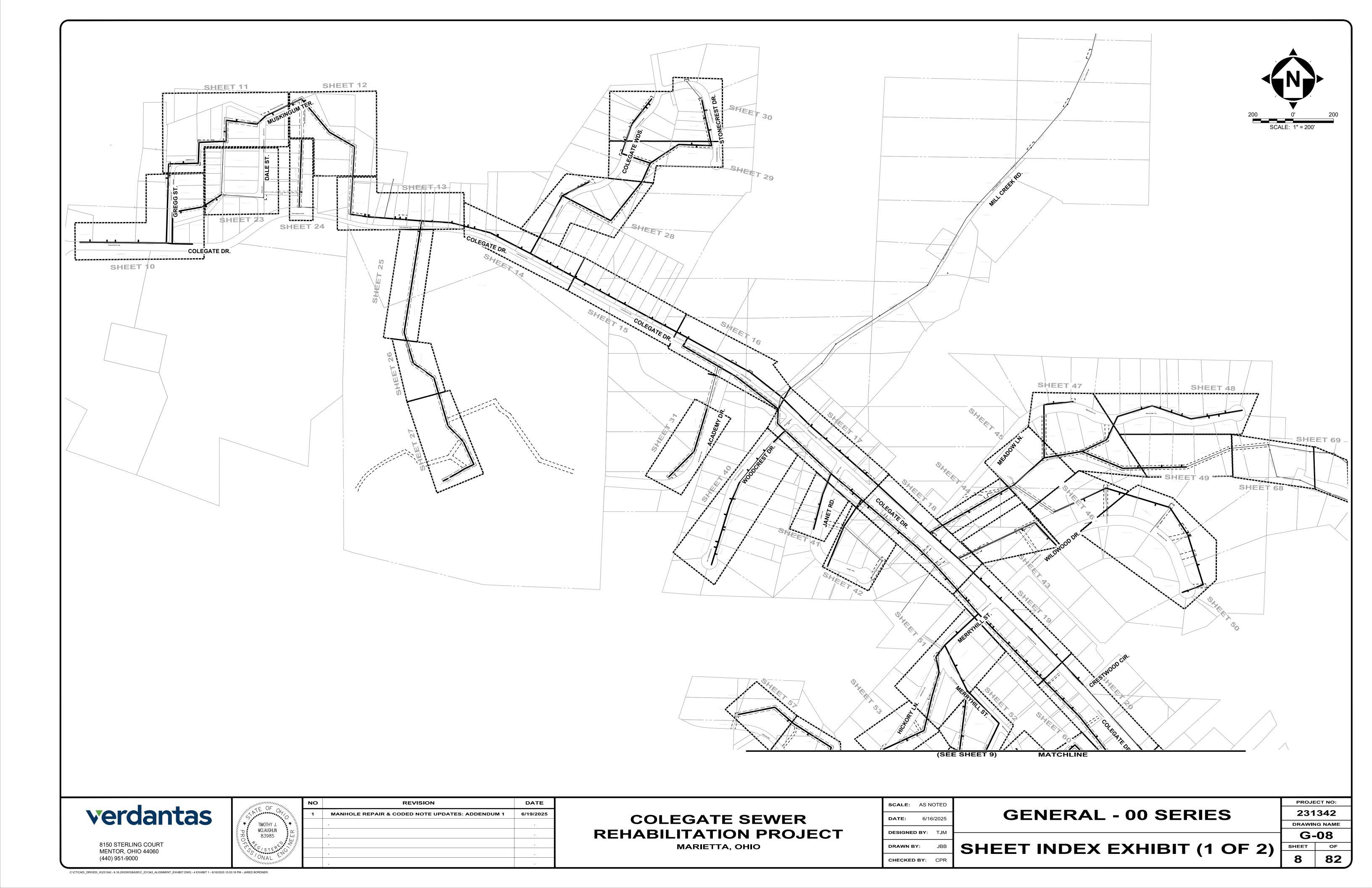
231342

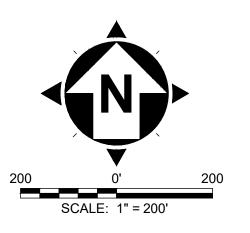
DRAWING NAME

G-07

SHEET OF

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verdantas

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J. MCLAUGHLIN 83985

REVISION DATE MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED **DESIGNED BY**: TJM DRAWN BY:

CHECKED BY: CPR

GENERAL - 00 SERIES

DRAWING NAME G-09 82

PROJECT NO:

231342

SHEET INDEX EXHIBIT (2 OF 2)

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN

SANITARY IMPROVEMENTS CODED NOTES:

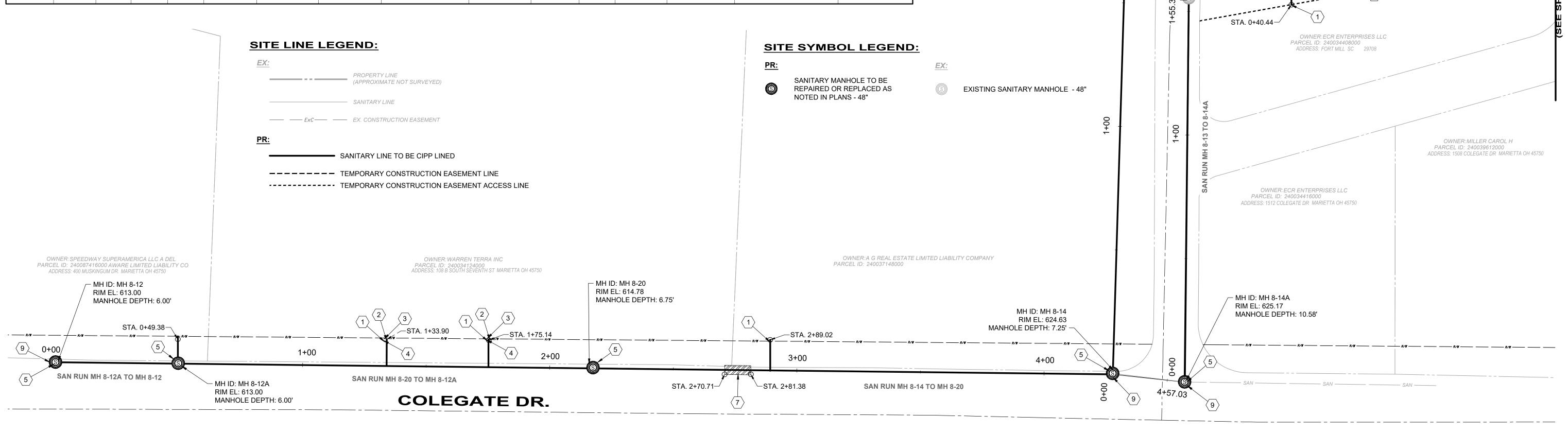
- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

| | | DS | | บร | | | | | AVERAGE | | REPAIR IMPROVEMENTS | | | | | |
|------------------------|---------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|-----------------|---------------------|------------------------|---------------------------|------------------------------|-------|--|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 8-12A TO MH 8-12 | MH 8-12 | 0+00 | MH 8-12A | 0+50 | 50' | 12" | VCP | 0 | 6.0' | NO | YES | 50' | 6 | 0 | | |
| MH 8-20 TO MH 8-12A | MH 8-12 DH | 0+50 | MH 8-20 | 2+18 | 168' | 12" | VCP | 2 | 6.4' | NO | YES | 168' | 6 | 2 | | |
| MH 8-14 TO 8-20 | MH 8-20 | 2+17 | MH 8-14 | 4+28 | 211' | 12" | VCP | 1 | 7.0' | YES | YES | 211' | 6 | 1 | | |
| MH 8-19 TO 8-14 | MH 8-14 | 0+00 | MH 8-19 | 3+91 | 391' | 12" | VCP | 2 | 7.0' | NO | YES | 391' | 6 | 2 | | |
| MH 8-13 TO MH 14A | MH 8-14A | 0+00 | MH 8-13 | 1+55 | 155' | 8" | VCP | 0 | 7.5' | NO | YES | 155' | 4 | 0 | | |
| MH 8-13A TO 8-13 | MH 8-13 | 0+00 | MH 8-13A | 1+50 | 150' | 8" | VCP | 1 | 5.5' | YES | YES | 150' | 4 | 1 | | |



verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED 6/16/2025 DESIGNED BY: TJM DRAWN BY: CHECKED BY: CPR

(SEE SHEET 11)

STA. 3+21.50-

MH ID: MH 8-13 RIM EL: 623.81

MANHOLE DEPTH: 4.50' -

OWNER: GARDEN CENTER RE LLC

OWNER: GARDEN CENTER RE LLC

PARCEL ID: 240037140000

PARCEL ID: 240037140000

MATCHLINE

+STA. 3+33.77

OWNER: WHARTON MARY J & WILLIAM E ET AL

SCALE: 1" = 20'

MH ID: MH 8-13A RIM EL: 626.00

MANHOLE DEPTH: 6.50' -

PARCEL ID: 240088280000 ADDRESS: 104 GREGG ST MARIETTA OH 45750

OWNER: DELPH GEORGE R PARCEL ID: 240035872000 ADDRESS: 102 GREGG ST MARIETTA OH 45750

OWNER: ECR ENTERPRISES LLC

STA. 0+66.76-

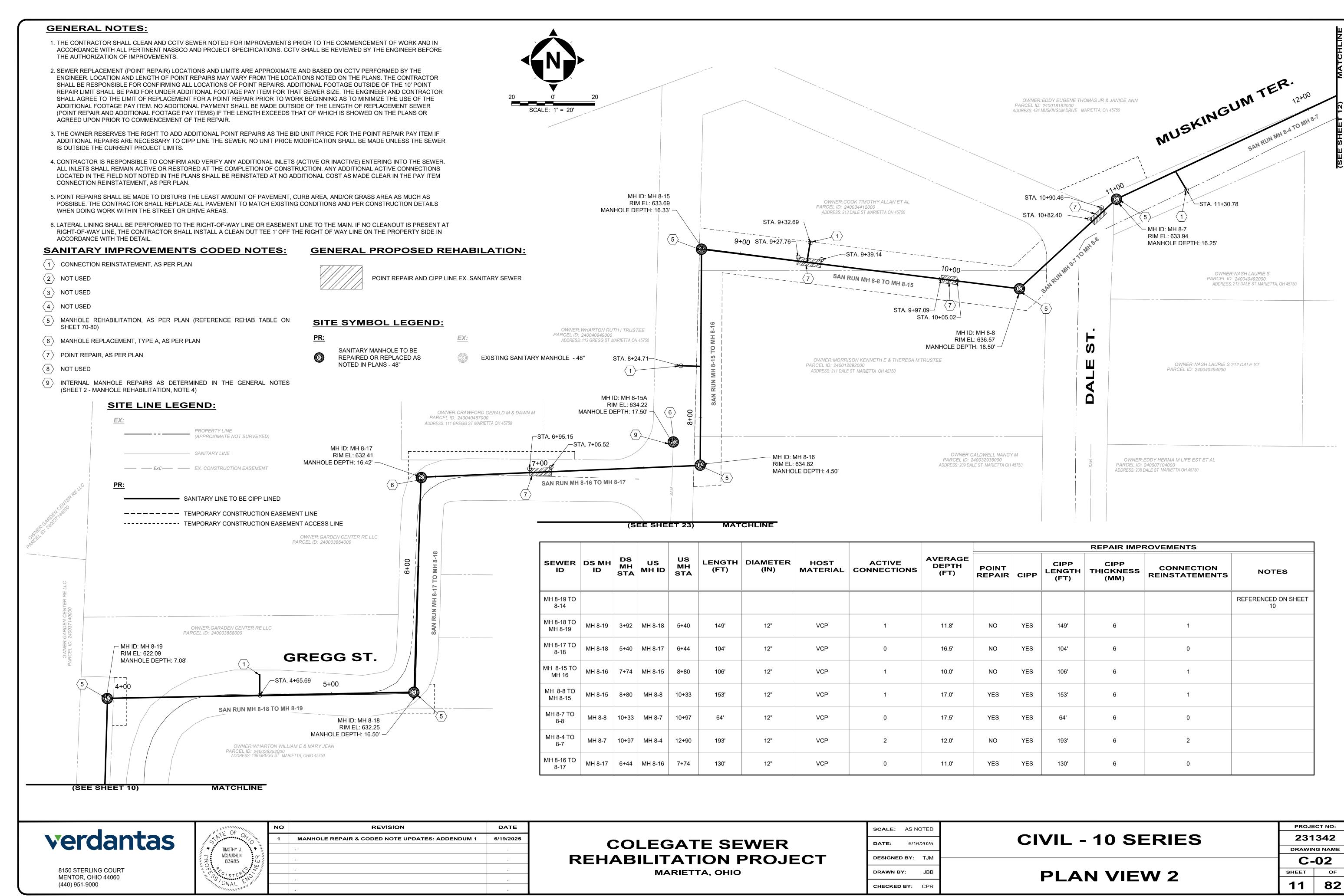
SAN RUN MH 8-13A TO MH 8-13

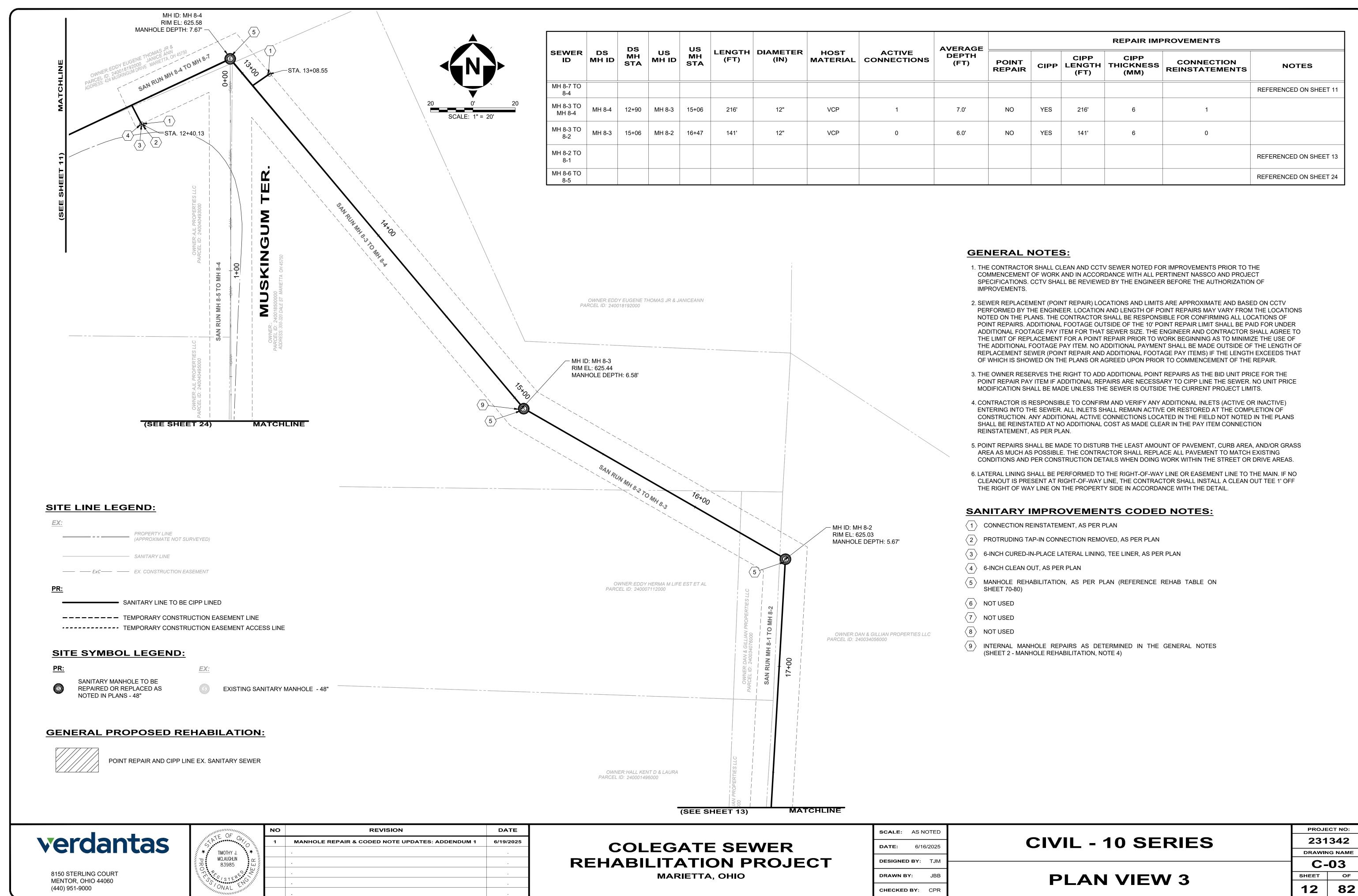
─STA. 0+74.89

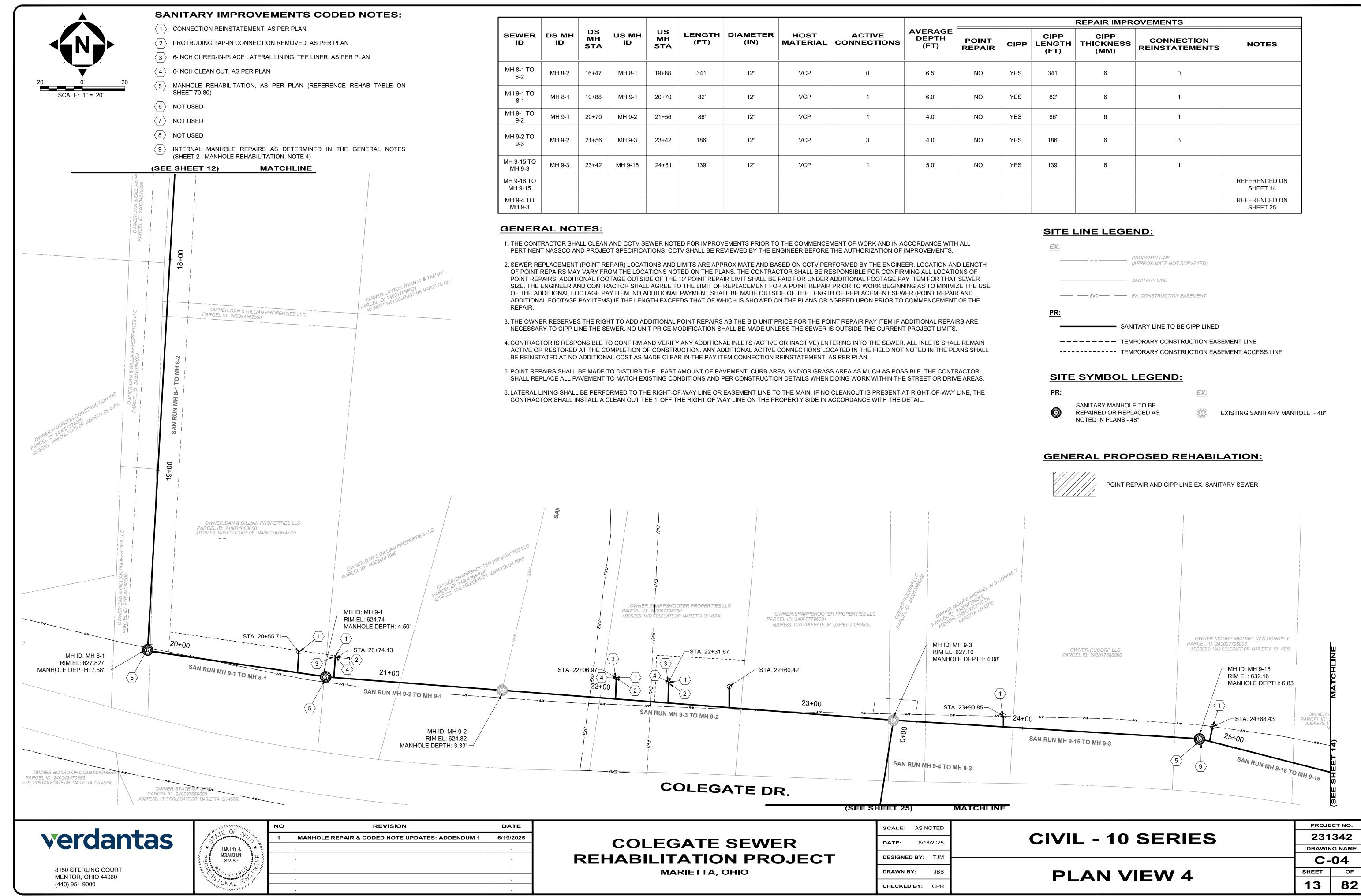
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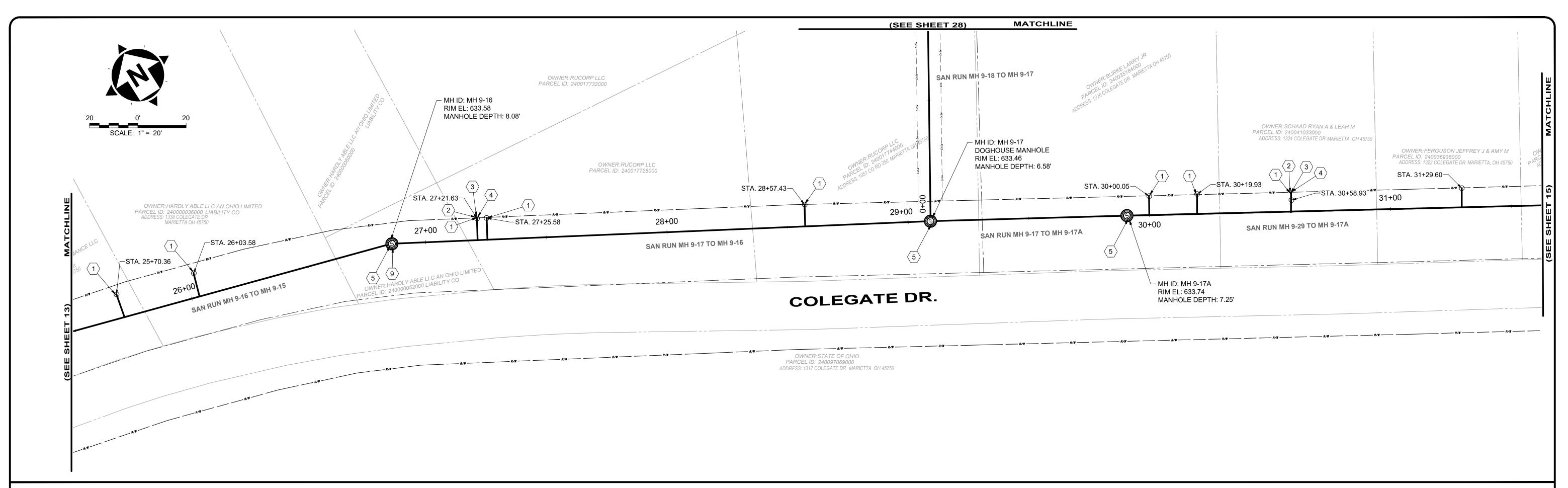
CIVIL - 10 SERIES PLAN VIEW 1

231342 DRAWING NAME C-01 SHEET 10 **82**







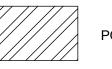


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SANITARY IMPROVEMENTS CODED NOTES:

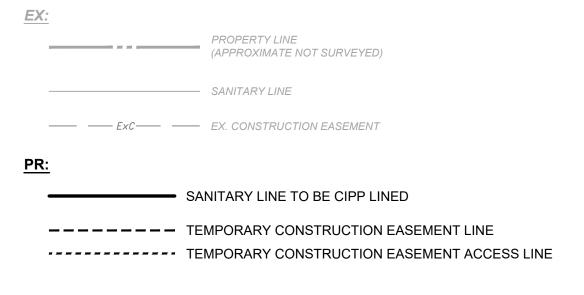
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- \langle 2 \rangle PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- \langle 3 \rangle 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- (6) NOT USED
- $\overline{7}$ NOT USED
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SITE LINE LEGEND:



SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

| | | De | | 116 | | | | | AVERAGE | | | | REPAIR IMP | ROVEMENTS | |
|-----------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|--------------|-----------------|------|------------------------|---------------------------|------------------------------|------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | CTIONS DEPTH | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-16 TO 9-15 | MH 9-15 | 24+81 | MH 9-16 | 26+87 | 206' | 12" | VCP | 3 | 7.0' | NO | YES | 200' | 6 | 3 | |
| MH 9-16 TO 9-17 | MH 9-16 | 26+87 | MH 9-17 | 29+10 | 223' | 12" | VCP | 3 | 7.5' | NO | YES | 223' | 6 | 3 | |
| MH 9-17A TO 9-17 | MH 9-17 | 29+10 | MH 9-17A | 29+94 | 84' | 12" | VCP | 0 | 7.0' | NO | YES | 84' | 6 | 0 | |
| MH 9-18 TO MH 9-17 | | | | | | | | | | | | | | | REFERENCED ON SHEET 28 |
| MH 9-29 TO 9-17A | MH 9-17A | 29+94 | MH 9-29 | 33+97 | 403' | 12" | VCP | 8 | 8.0' | NO | YES | 403' | 6 | 8 | |

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8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS NO | OTED | |
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| DATE: | 6/16 | /2025 | |
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CHECKED BY: CPR

CIVIL - 10 SERIES

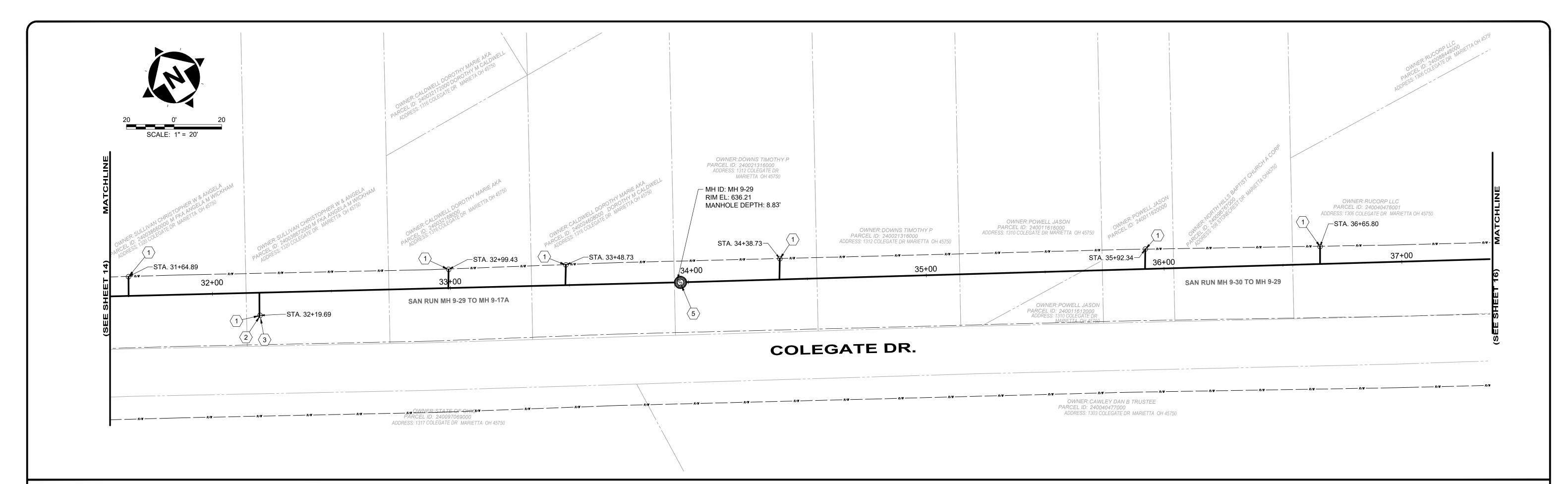
PLAN VIEW 5

231342 DRAWING NAME C-05 SHEET 14

82

PROJECT NO:

C:\CT\CAD\ DRIVES\ H\231342 - 6.16.25\DWG\BASE\C 231342 BASE ALIGNMENTS AND IMPROVEMENTS.DWG - 14 PLAN VIEW 5 - 6/17/2025 10:01:08 PM - JARED BORDNEF



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SITE LINE LEGEND:

PROPERTY LINE (APPROXIMATE NOT SURVEYED) --- SANITARY LINE ---- Exc---- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

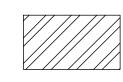
---- TEMPORARY CONSTRUCTION EASEMENT LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 NOT USED
- $\overline{7}$ NOT USED
- $\langle 8 \rangle$ NOT USED
- 9 NOT USED

| SEWER ID | DS MH ID | DS MH STA | US MH II |
|---------------------|-------------|-----------------|-------------|
| MH 9-29 TO 9-17A | | | |
| MH 9-30 TO | MI I O 00 | 22.07 | MILO |

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|-----------------------|-------------|-----------------|-------------|-----------|----------------|------------------|------------------|--------------------|---------|---------------------|------|------------------------|---------------------------|---------------------------|------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-29 TO 9-17A | | | | | | | | | | | | | | | REFERENCED ON SHEET 14 |
| MH 9-30 TO MH 9-29 | MH 9-29 | 33+97 | MH 9-30 | 37+94 | 397' | 12" | VCP | 4 | 11.0' | NO | YES | 397' | 6 | 4 | |

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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

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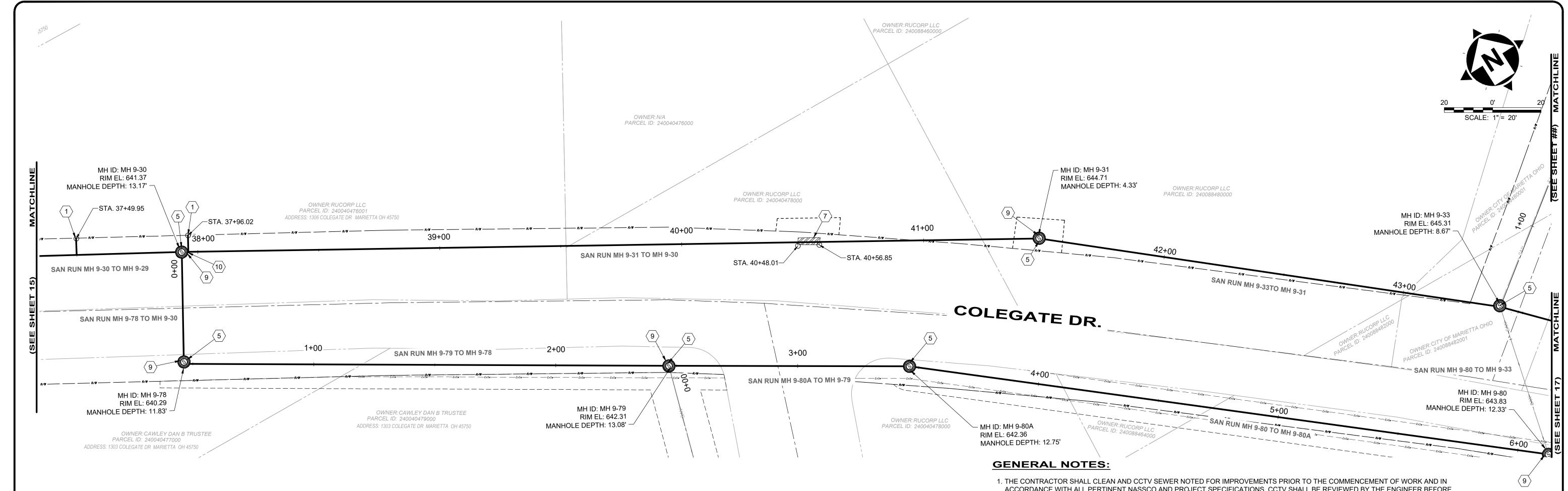
COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DATE: | 6/16 | 6/2025 | |
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CHECKED BY: CPR

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| | | DS | | US | | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|---------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|---------------------|------|------------------------|---------------------------|------------------------------|------------------------|
| SEWER ID | DS MH ID | MH STA | MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-30 TO 9-29 | | | | | | | | | | | | | | | REFERENCED ON SHEET 15 |
| MH 9-31 TO 9-30 | MH 9-30 | 37+94 | MH 9-31 | 41+45 | 351' | 12" | VCP | 1 | 9.0' | YES | YES | 351' | 6 | 1 | |
| MH 9-33 TO 9-31 | MH 9-31 | 41+45 | MH 9-33 | 43+40 | 195' | 12" | VCP | 0 | 6.5' | NO | YES | 195' | 6 | 0 | |
| MH 9-78 TO 9-30 | MH 9-30 | 0+00 | MH 9-78 | 0+49 | 49' | 12" | VCP | 0 | 12.0' | NO | YES | 49' | 6 | 0 | |
| MH 9-79 TO 9-78 | MH 9-78 | 0+49 | MH 9-79 | 2+50 | 201' | 12" | VCP | 0 | 12.0' | NO | YES | 201' | 6 | 0 | |
| MH 9-80A TO 9-79 | MH 9-79 | 2+50 | MH 9-80A | 3+49 | 99' | 10" | VCP | 0 | 12.5' | NO | YES | 99' | 6 | 0 | |
| MH 9-80 TO 9-80A | MH 9-80A | 3+49 | MH 9-80 | 6+10 | 261' | 10" | VCP | 0 | 12.0' | NO | YES | 261' | 6 | 0 | |

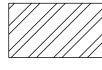
SITE LINE LEGEND: (APPROXIMATE NOT SURVEYED) SANITARY LINE ---- EXC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

- ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- \langle 1 \rangle CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)
- (10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



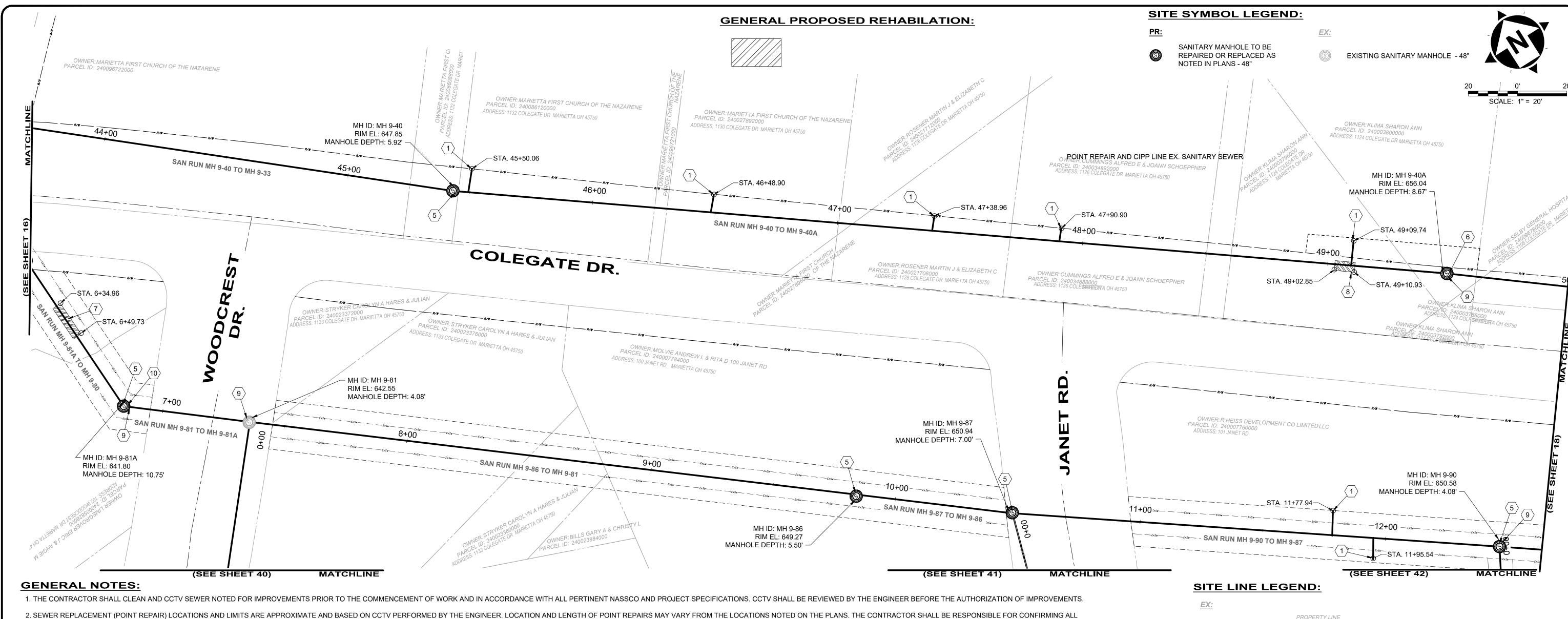
| | NO | REVISION | DATE |
|--------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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| ,,,,,, | | | - |
| 1111 | | | - |
| | | | - |
| | | | |

COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

| SCALE: | AS N | OTED | |
|----------|------------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNED | BY: | MLT | |
| DRAWN B | Y : | JBB | |
| CHECKED | BY: | CPR | |

PROJECT NO: CIVIL - 10 SERIES 231342 DRAWING NAME **PLAN VIEW 7**

C-07 SHEET 16 **82**



- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

| | | | | | | | | | | REPAIR IMPROVEMENTS | | | | | |
|------------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|-----------------------|---------------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-40 TO 9-33 | MH 9-33 | 43+40 | MH 9-40 | 45+45 | 205' | 10" | VCP | 0 | 7.0' | NO | YES | 205' | 4 | 0 | |
| MH 9-40A TO 9-40 | M 9-40 | 45+45 | MH 9-40A | 49+47 | 402' | 10" | VCP | 5 | 7.0' | YES | YES | 402' | 4 | 5 | |
| MH 9-81A TO 9-80 | MH 9-80 | 6+10 | MH 9-81A | 6+86 | 76' | 10" | VCP | 0 | 12.0' | YES | YES | 76' | 4 | 0 | |
| MH 9-81 TO MH 9-81A | MH 9-81A | 6+86 | MH 9-81 | 7+35 | 49' | 10" | VCP | 0 | 7.0' | YES | YES | 49' | 4 | 0 | |
| MH 9-86 TO 9-81 | MH 9-81 | 7+35 | MH 9-86 | 9+84 | 249' | 10" | VCP | 0 | 5.0' | NO | YES | 249' | 4 | 0 | |
| MH 9-87 TO 9-86 | MH 9-86 | 9+84 | MH 9-87 | 10+45 | 61' | 10" | VCP | 0 | 6.0' | NO | YES | 61' | 4 | 0 | |
| MH 9-90 TO MH 9-87 | MH 9-87 | 10+45 | MH 9-90 | 12+43 | 198' | 10" | VCP | 2 | 5.5' | NO | YES | 198' | 4 | 2 | |

WH 9-87 10+45 MH 9-90 12+43 198 10 VCP 2 5.5

VECCANTAL MIN 9-90 12+43 198 10 VCP 2 5.5

NO REVISION DATE

1 MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 6/19/2025

MCLAUGHLIN

83985

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNED | BY: | TJM | |
| DRAWN B | Y: | JBB | |
| CHECKED | RV. | CPR | |

2 NOT USED

3 NOT USED

4 NOT USED

8 NOT USED

SANITARY IMPROVEMENTS CODED NOTES:

(5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON

9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES

 \langle 1 \rangle CONNECTION REINSTATEMENT, AS PER PLAN

(6) MANHOLE REPLACEMENT, TYPE A, AS PER PLAN

(SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

(10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

 $\langle 7 \rangle$ POINT REPAIR, AS PER PLAN

| PLAN VIEW 8 | SHEET | OF | | |
|-------------------|-------------|--------------|--|--|
| | C-08 | | | |
| CIVIL - 10 SERIES | | DRAWING NAME | | |
| | | 231342 | | |
| | PROJECT NO: | | | |

82

17

(APPROXIMATE NOT SURVEYED)

--- ExC--- EX. CONSTRUCTION EASEMENT

SANITARY LINE

SANITARY LINE TO BE CIPP LINED

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

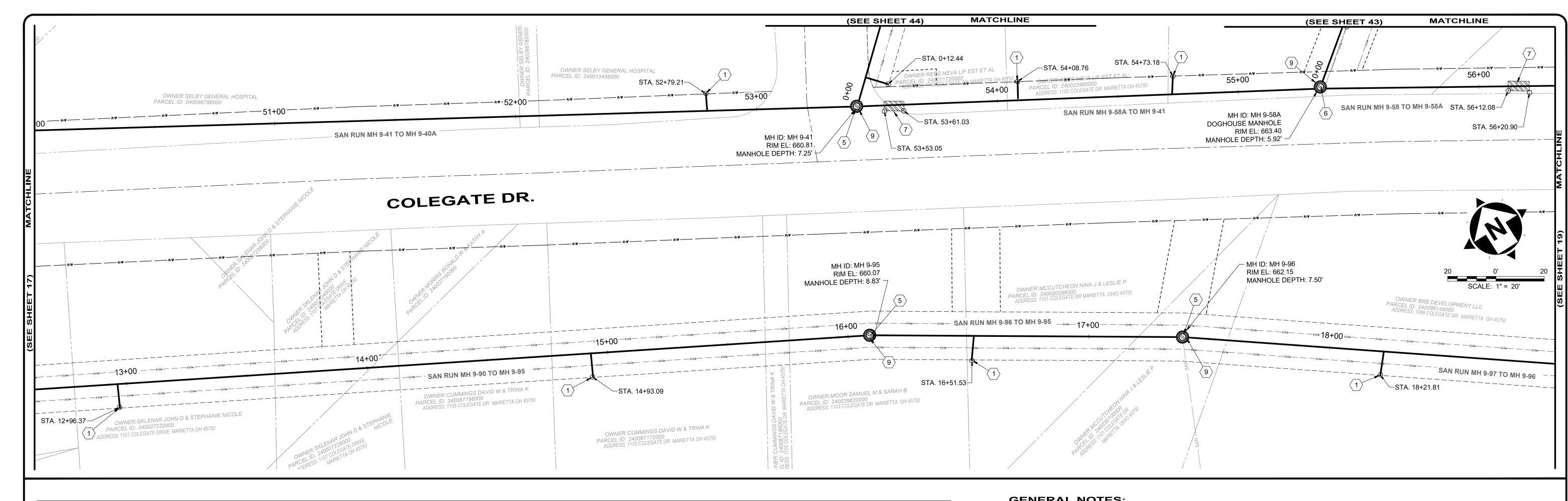
---- TEMPORARY CONSTRUCTION EASEMENT LINE

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 17 PLAN VIEW 8 - 6/17/2025 10:01:08 PM - JARED BORDNER

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| | | De | | 116 | | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-------------|---------------|---------------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | HOST ACTIVE | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-41 TO 40A | MH 9-40A | 49+52 | MH 9-41 | 53+41 | 397' | 10" | VCP | 1 | 8.0' | NO | YES | 397' | 4 | 1 | |
| MH 9-58A TO 9-41 | MH 9-41 | 53+41 | MH 9-58A | 55+31 | 190' | 8" | VCP | 2 | 6.5' | YES | YES | 190' | 4 | 2 | |
| MH 9-58 TO 9-58A | MH 9-58A | 55+31 | MH 9-58 | 56+53 | 122' | 8" | VCP | 0 | 7.0' | YES | YES | 122' | 4 | 0 | |
| MH 9-58B TO 9-58A | | | | | | | | | | | | | | | REFERENCED ON SHEET 43 |
| MH 9-95 TO 9-90 | MH 9-90 | 12+48 | MH 9-95 | 16+06 | 358' | 10" | VCP | 2 | 6.0' | NO | YES | 358' | 4 | 2 | |
| MH 9-96 TO 9-95 | MH 9-95 | 16+06 | MH 9-96 | 17+35 | 129' | 10" | VCP | 1 | 8.0' | NO | YES | 129' | 4 | 1 | |
| MH 9-97 TO 9-96 | | | | | | | | | | | | | | | REFERENCED ON SHEET 19 |
| MH 9-41A TO 9-41 | | | | | | | | | | | | | | | REFERENCED ON SHEET 44 |

SITE SYMBOL LEGEND: SITE LINE LEGEND: EX: PROPERTY LINE SANITARY MANHOLE TO BE (APPROXIMATE NOT SURVEYED) REPAIRED OR REPLACED AS (S) EXISTING SANITARY MANHOLE - 48" NOTED IN PLANS - 48" ----- SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT **GENERAL PROPOSED REHABILATION:** SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE POINT REPAIR AND CIPP LINE EX. SANITARY SEWER ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

DATE

6/19/2025

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- $\langle 7 \rangle$ POINT REPAIR, AS PER PLAN
- \langle 8 angle $\,$ WYE OR TEE REPLACEMENT IN MAIN, AS PER PLAN
- $\langle \, {f 9} \,
 angle$ internal manhole repairs as determined in the general notes (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

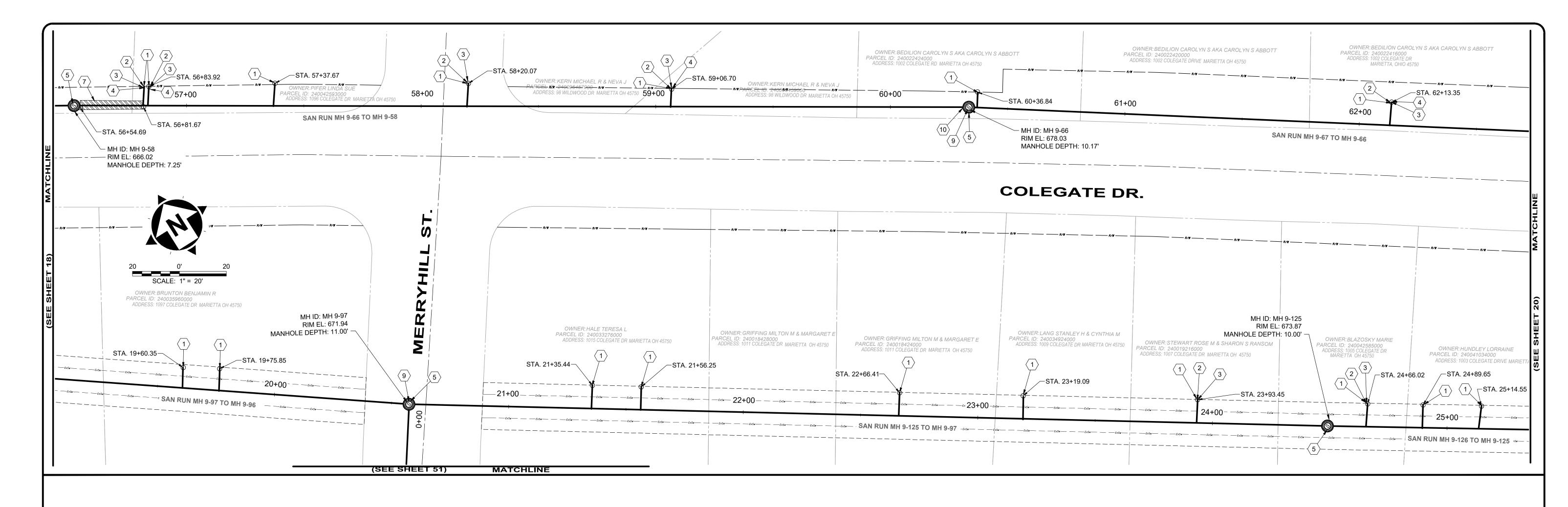
| IIII OF | NO | REVISION | |
|--|----|---|--|
| ALE ON ON = | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | |
| TIMOTHY J. ** = | | • | |
| MCLAUGHLIN と に に に と に に と に に に に に に に に に に に | | | |
| Pro Resident | | | |
| SONSTEN | | | |
| ONAL | | | |

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: A | S NOTED | |
|------------|----------------|---|
| DATE: | 6/16/2025 | |
| DESIGNED B | Y : TJM | ┢ |
| DRAWN BY: | JBB | |
| CHECKED BY | : CPR | 1 |

PROJECT NO: CIVIL - 10 SERIES 231342 **PLAN VIEW 9**

DRAWING NAME C-09 SHEET 18 **82**



| | | De | | | | REPAIR IN AVERAGE | | | | | | | EPAIR IMPRO | ROVEMENTS | | | |
|------------------------|-------------|-----------------|-------------|-----------------|----------------|-------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|---------------------------|--|--|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | | |
| MH 9-66 TO 9-58 | MH 9-58 | 56+53 | MH 9-66 | 60+32 | 379' | 8" | VCP | 5 | 8.5' | YES | YES | 379' | 4 | 5 | | | |
| MH 9-67 TO 9-66 | | | | | | | | | | | | | | | REFERENCED ON SHEET 20 | | |
| MH 9-97 TO 9-96 | MH 9-96 | 17+40 | MH 9-97 | 20+54 | 314' | 10" | VCP | 3 | 9.5' | NO | YES | 314' | 4 | 3 | | | |
| MH 9-125 TO MH 9-97 | MH 9+97 | 20+54 | MH 9-125 | 24+50 | 396' | 8" | VCP | 5 | 10.5' | NO | YES | 396' | 4 | 5 | | | |
| MH 9-126 TO 9-125 | | | | | | | | | | | | | | | REFERENCED ON SHEET 20 | | |

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
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- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- $\langle 7 \rangle$ POINT REPAIR, AS PER PLAN
- (8) NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)
- (10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

SITE LINE LEGEND:

PROPERTY LINE (APPROXIMATE NOT SURVEYED) --- SANITARY LINE ---- Exc---- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

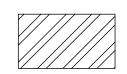
---- TEMPORARY CONSTRUCTION EASEMENT LINE TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE

REPAIRED OR REPLACED AS EXISTING SANITARY MANHOLE - 48" NOTED IN PLANS - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J. MCLAUGHLIN 83985

NO REVISION DATE MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 6/19/2025

COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

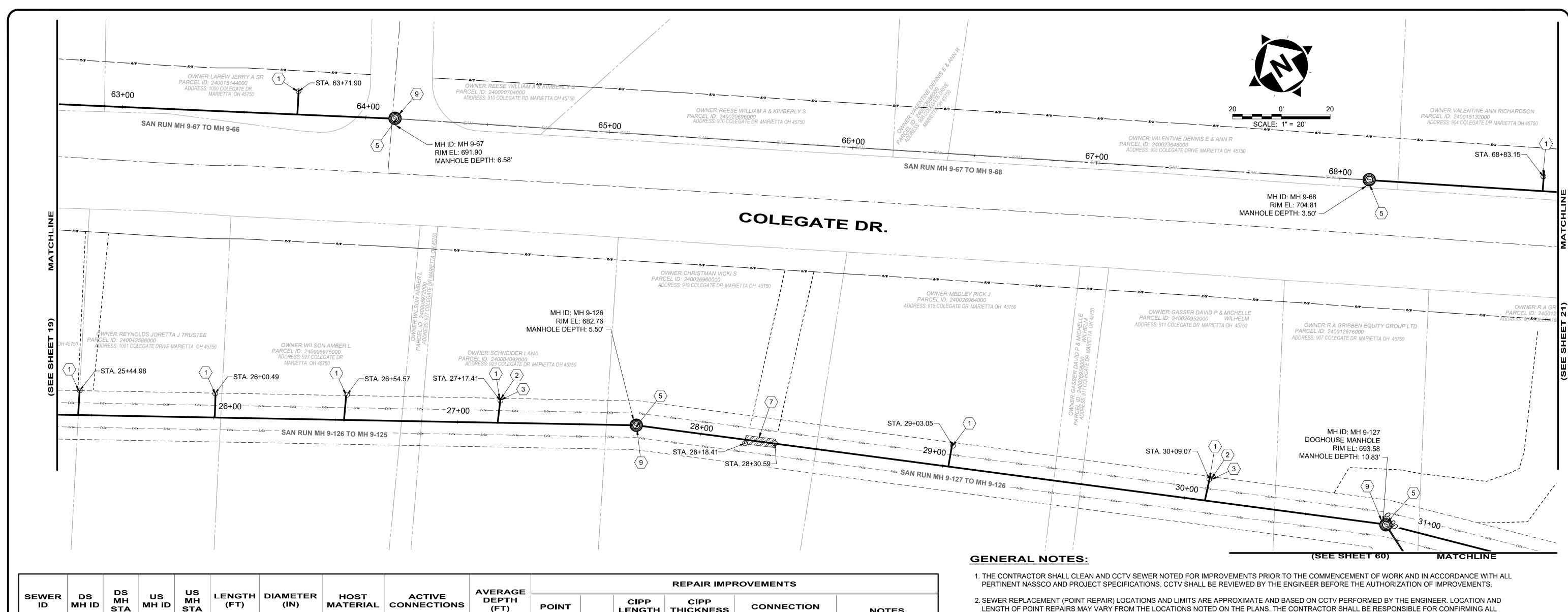
SCALE: AS NOTED **DATE:** 6/16/2025 **DESIGNED BY:** TJM DRAWN BY:

CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 10

231342 DRAWING NAME C-10 SHEET 19 **82**



| | | DS | | US | | | | | AVERAGE | | REPAIR IMPROVEMENTS | | | | |
|----------------------|-------------|-----------|-------------|-----------|------|------------------|-----|-----------------------|---------------|-----------------|---------------------|------------------------|---------------------------|------------------------------|------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | (FT) | DIAMETER (IN) | | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-67 TO 9-66 | MH 9-66 | 60+32 | MH 9-67 | 64+11 | 379' | 8" | VCP | 3 | 8.5' | NO | YES | 379' | 4 | 3 | |
| MH 9-69 TO 9-68 | | | | | | | | | | | | | | | REFERENCED ON SHEET 21 |
| MH 9-126 TO 9-125 | MH 9-125 | 24+50 | MH 9-126 | 27+70 | 320' | 8" | VCP | 7 | 4.0' | NO | YES | 320' | 4 | 7 | |
| MH 9-127 TO 9-126 | MH 9-126 | 27+70 | MH 9-127 | 30+81 | 311' | 8" | VCP | 2 | 8.0' | YES | YES | 311' | 4 | 2 | |

SITE LINE LEGEND:

PROPERTY LINE
(APPROXIMATE NOT SURVEYED)

SANITARY LINE

---- ExC---- EX. CONSTRUCTION EASEMENT

<u>PR:</u>

---- TEMPORARY CONSTRUCTION EASEMENT LINE
----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

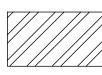
SITE SYMBOL LEGEND:

PR:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- $\langle 1 \rangle$ CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- $\left\langle 3 \right\rangle$ 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- SHEET 70-80)

 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
|--------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| 11111 | | | - |
| ,,,,,, | | | - |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | IOTED | |
|----------|------------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNED | D BY: | TJM | |
| DRAWN B | Y : | JBB | |
| CHECKED | BY: | CPR | |

CIVIL - 10 SERIES

PLAN VIEW 11

231342

DRAWING NAME

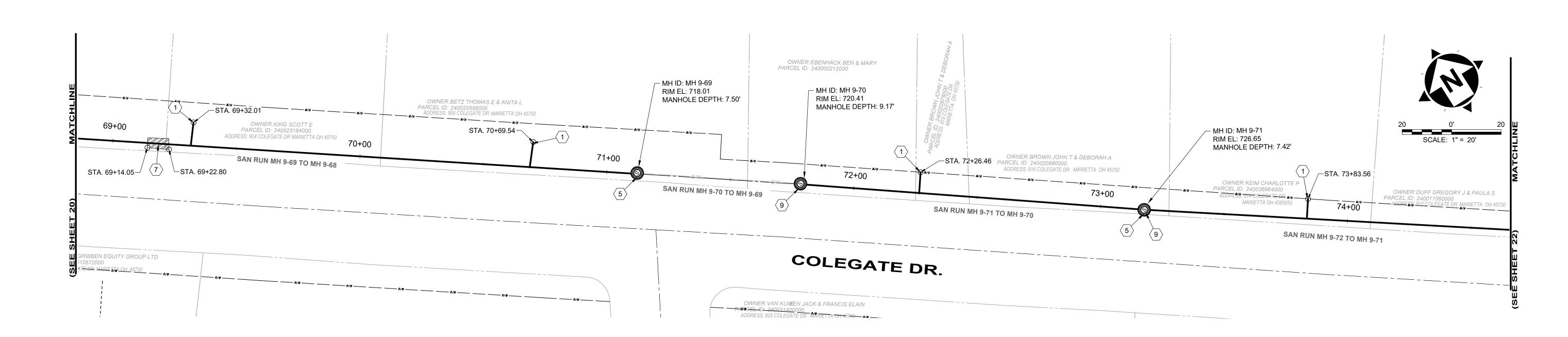
C-11

SHEET OF

20 82

PROJECT NO:

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 20 PLAN VIEW 11 - 6/17/2025 10:01:08 PM - JARED BORDNER



| | De | DS | | us | LENGTH | | | AVERAGE | | | | | REPAIR IMP | ROVEMENTS | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|-------|-----------------|------|------------------------|---------------------------|------------------------------|------------------------|--|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-69 TO 9-68 | MH 9-68 | 68+12 | MH 9-69 | 71+12 | 300' | 8" | VCP | 3 | 5.5' | YES | YES | 300' | 4 | 3 | | |
| MH 9-71 TO 9-70 | MH 9-70 | 71+78 | MH 9-71 | 73+17 | 139' | 8" | VCP | 1 | 8.0' | NO | YES | 139' | 4 | 1 | | |
| MH 9-72 TO 9-71 | | | | | | | | | | | | | | | REFERENCED ON SHEET 22 | |

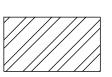
SITE LINE LEGEND: PROPERTY LINE (APPROXIMATE NOT SURVEYED) ---- SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- $\langle 3 \rangle$ NOT USED
- 4 NOT USED
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 NOT USED
- $\overline{7}$ POINT REPAIR, AS PER PLAN
- (8) NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)



8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| (1)11111 OL 1= | NO | REVISION | DATE |
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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

| SCALE: | AS N | OTED | |
|---------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | ТЈМ | |
| DRAWN B | Y: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

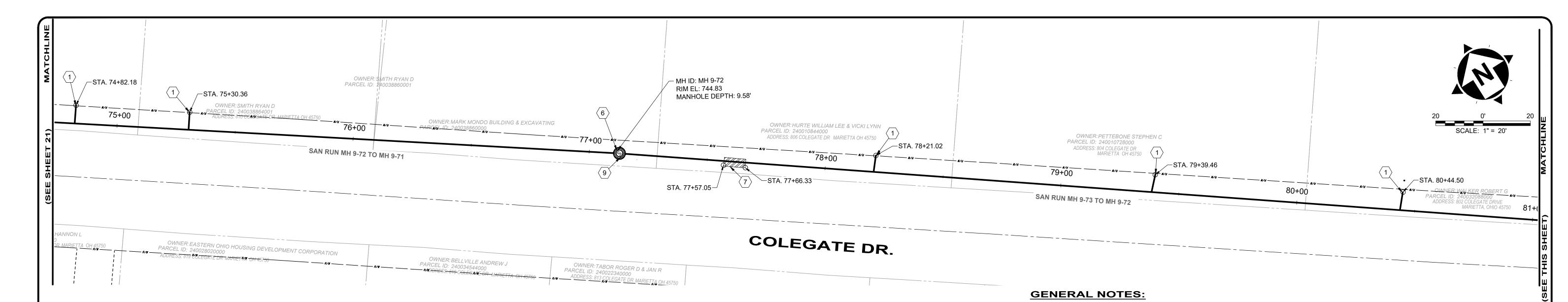
231342 DRAWING NAME C-12 SHEET

82

21

PROJECT NO:

PLAN VIEW 12



1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH

2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION

ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS

C-13

82

SHEET

22

ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF

AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER

3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT

PLAN VIEW 13

SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.

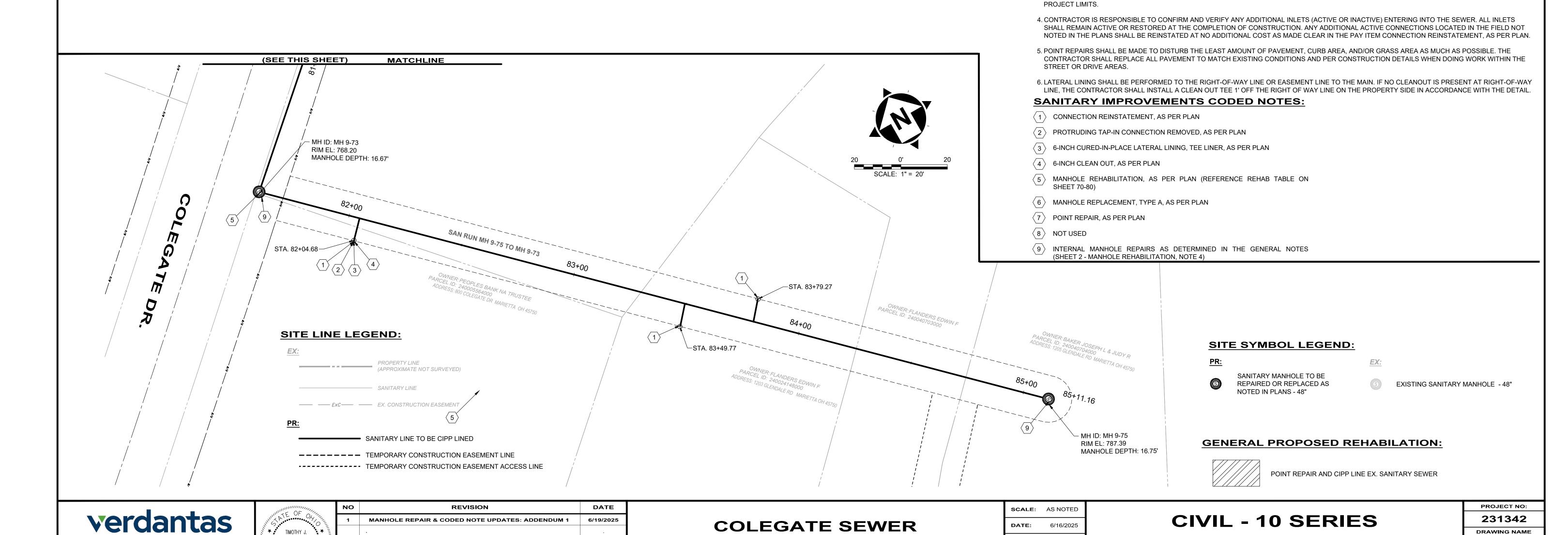
IMPROVEMENTS.

DESIGNED BY: TJM

CHECKED BY: CPR

DRAWN BY:

| | DS MH ID | DS | US MH ID | US MH STA | LENGTH (FT) | | | | | | REPAIR IMPROVEMENTS | | | | |
|--------------------|-------------|-------|-------------|-----------------|----------------|------------------|------------------|-----------------------|-----------------------|---------|---------------------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | | МАШ | | | | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | · POINT | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-72 TO 9-71 | MH 9-71 | 73+17 | MH 9-72 | 77+11 | 394' | 8" | VCP | 3 | 8.5' | NO | YES | 394' | 4 | 3 | |
| MH 9-73 TO 9-72 | MH 9-72 | 77+11 | MH 9-73 | 81+57 | 446' | 8" | VCP | 3 | 13.0' | YES | YES | 446' | 4 | 3 | |
| MH 9-75 TO 9-73 | MH 9-73 | 81+57 | MH 9-75 | 85+11 | 354' | 8" | VCP | 3 | 16.7' | NO | YES | 354' | 4 | 3 | |



REHABILITATION PROJECT

MARIETTA, OHIO

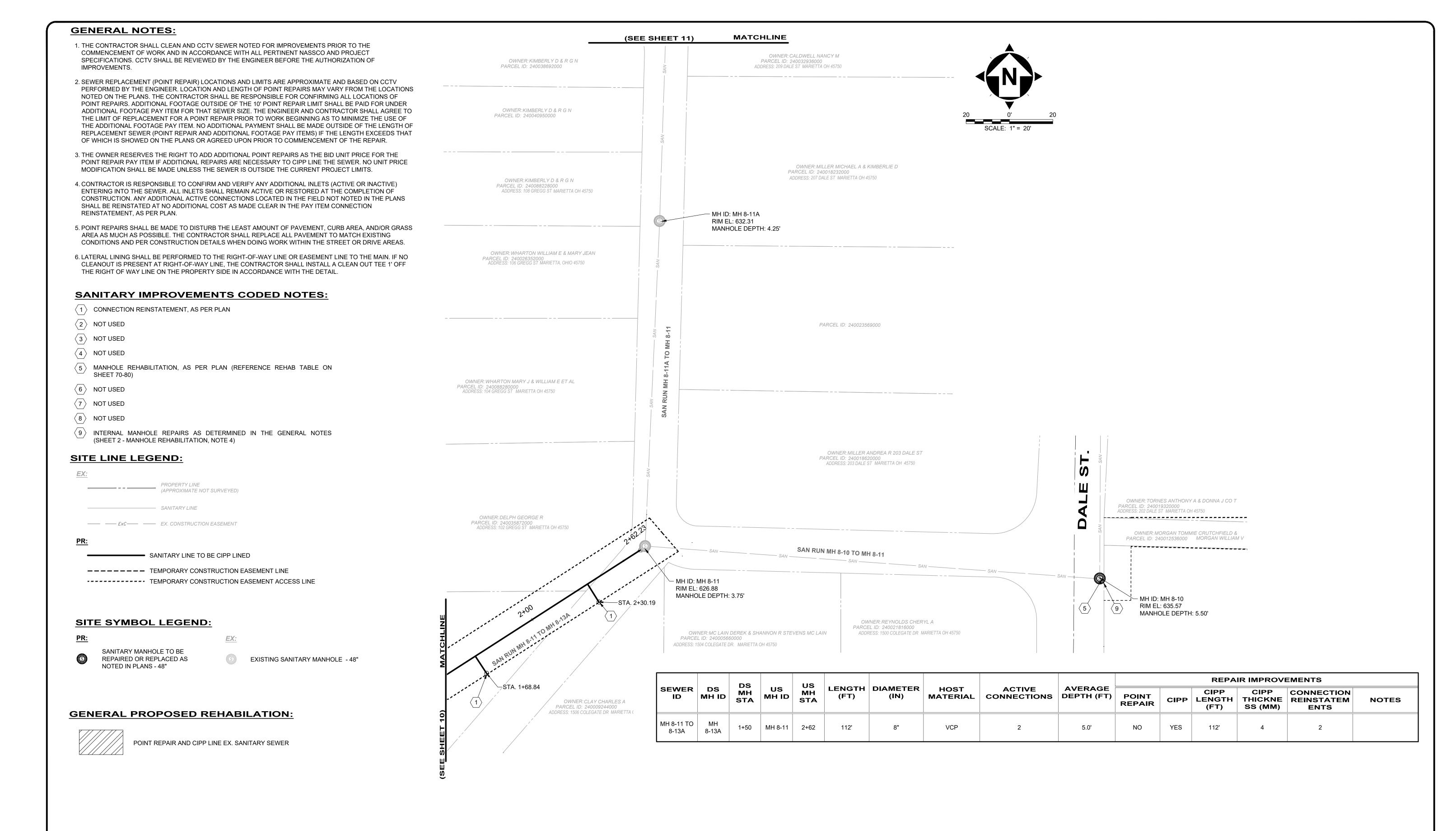
8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

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8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| | NO | REVISION | DATE |
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| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER
REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | TJM | |
| DRAWN E | BY: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

231342

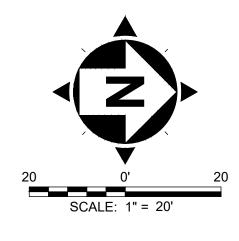
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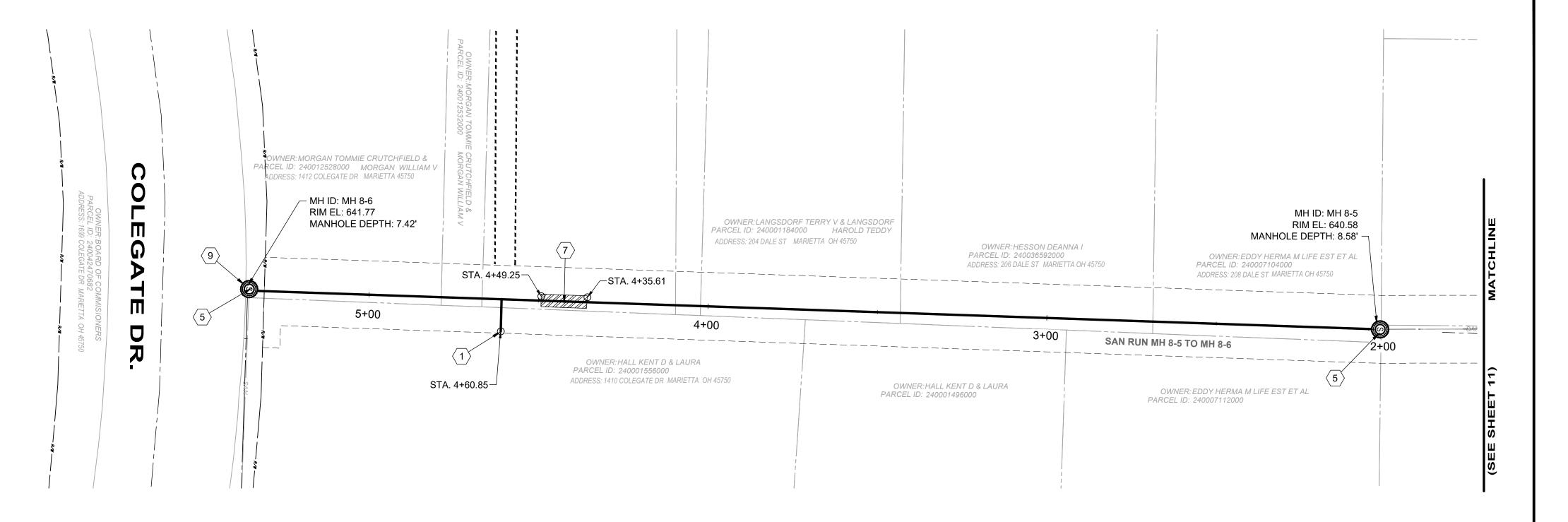
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PLAN VIEW 14

23

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| ſ | | | DS | | us | | | | | AVERAGE | | REPAIR IMPROVEMENTS | | | | |
|---|------------------|-------------|------|--------|-----------|----------------|------------------|------------------|-----------------------|---------------|-----------------|---------------------|------------------------|---------------------------|------------------------------|-------|
| | SEWER ID | DS MH ID | МП | MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| | MH 8-6 TO 8-5 | MH 8-5 | 2+04 | MH 8-6 | 5+93 | 389' | 8" | VCP | 1 | 8.0' | YES | YES | 389' | 4 | 1 | |

SITE LINE LEGEND:

PROPERTY LINE
(APPROXIMATE NOT SURVEYED)

SANITARY LINE

EX. CONSTRUCTION EASEMENT

PR:

SANITARY LINE TO BE CIPP LINED

TEMPORARY CONSTRUCTION EASEMENT LINE

TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

PR:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

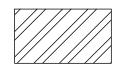
GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- NOT USED
- (3) NOT USED
- $\overline{\langle 4 \rangle}$ NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|------------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNED | BY: | ТЈМ | |
| DRAWN B | Y : | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

DRAWING NAME

C-15

SHEET OF

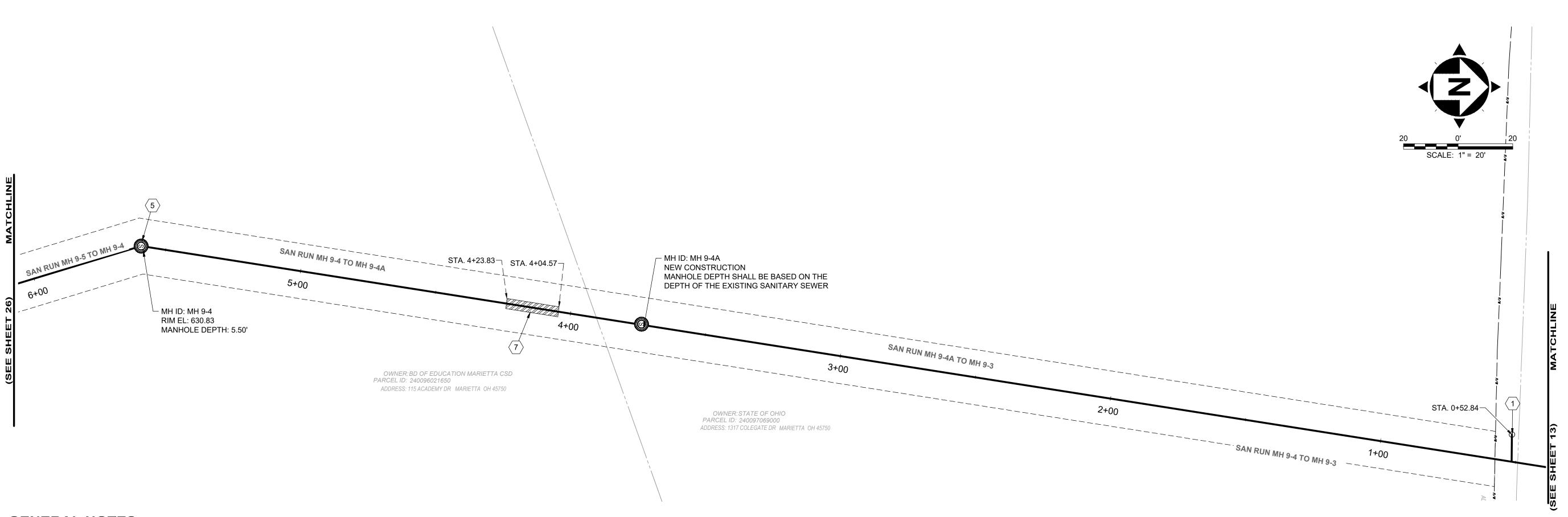
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PROJECT NO:

PLAN VIEW 15

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 24 PLAN VIEW 15 - 6/17/2025 10:01:08 PM - JARED BORDNER



MH 9-4A

MH 9-3

9-4A

MH 9-4A TO

9-3 MH 9-5 TO

9-4

3+70

0+00

MH 9-4 5+60

MH 9-4A 3+70

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

1 CONNECTION REINSTATEMENT, AS PER PLAN

 $\langle 2 \rangle$ NOT USED

 $\langle 3 \rangle$ NOT USED

4 NOT USED

5 NOT USED

6 NOT USED

7 POINT REPAIR, AS PER PLAN

8 NOT USED

9 NOT USED

| | | De | | II.e | | | | | AVERAGE | | | | REPAIR IM | PROVEMENTS |
|-------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS |
| MH 9-4 TO | мн о лл | 3±70 | МНОЛ | 5±60 | 100' | Q" | VCP | 0 | 5.0' | VES | VES | 100' | 1 | 0 |

VCP

SITE LINE LEGEND:

370'

PROPERTY LINE (APPROXIMATE NOT SURVEYED) ----- SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

YES

YES

370'

YES

NO

5.0'

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

0

NOTES

REFERENCED ON SHEET 26

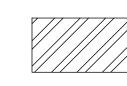
PROJECT NO:

231342

DRAWING NAME

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



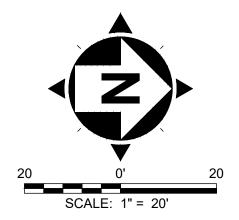
| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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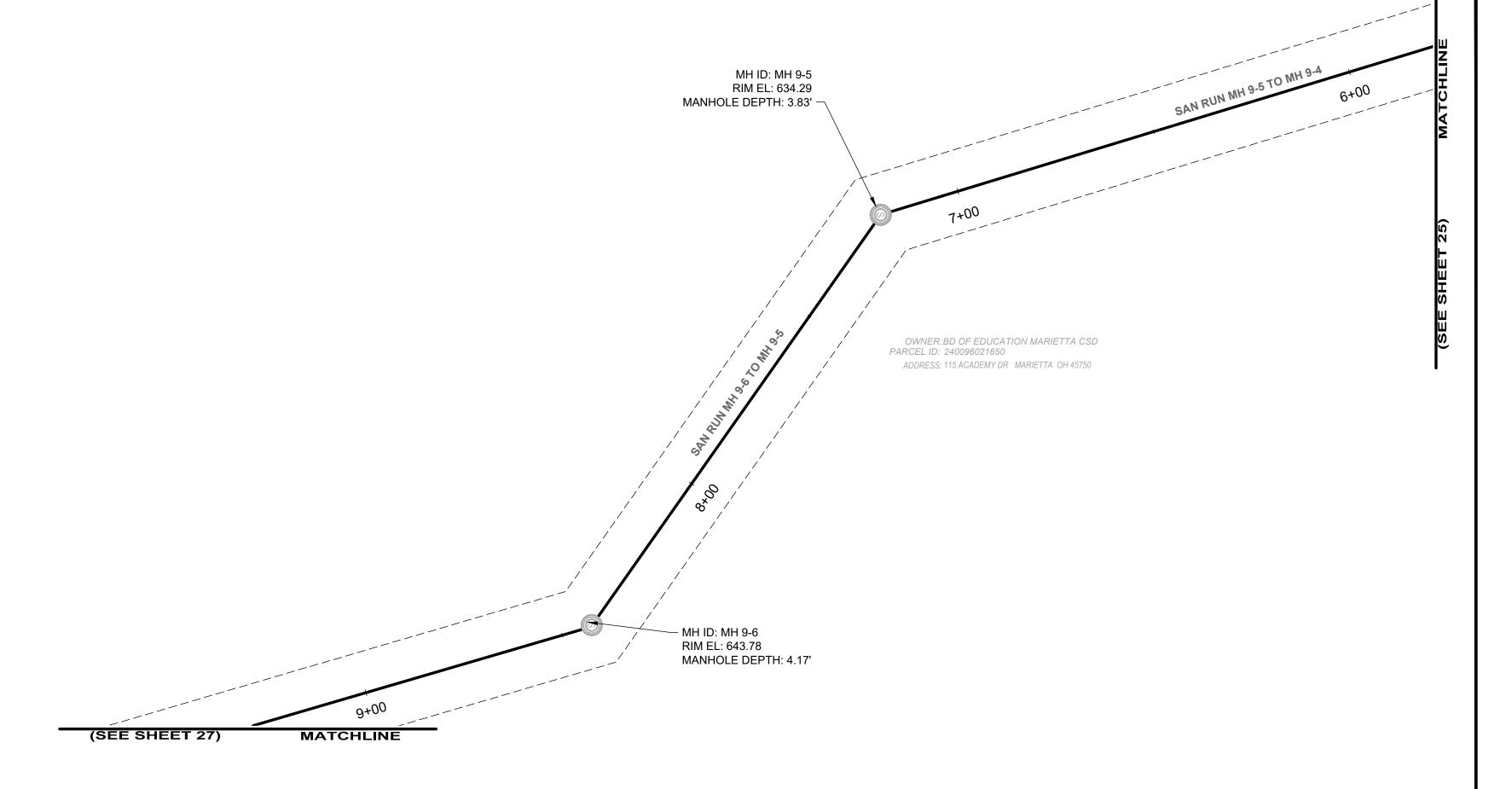
COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

| SCALE: AS N | NOTED | |
|------------------|--------|--|
| DATE: 6/1 | 6/2025 | |
| DESIGNED BY: | TJM | |
| DRAWN BY: | JBB | |
| CHECKED BY: | CPR | |

| CIVIL - 10 SERIES |
|-------------------|
|-------------------|

C-16 SHEET **PLAN VIEW 16 25 82**





SITE SYMBOL LEGEND:

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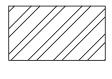
SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"



EXISTING SANITARY MANHOLE - 48"

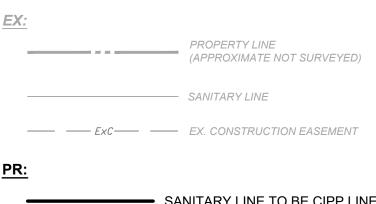
| | | DS | | US | | | | | REPAIR IMPROVEMENTS | | | | | | |
|------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|--------------------------|-----------------|------|------------------------|---------------------------|------------------------------|------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-5 TO 9-4 | MH 9-4 | 5+60 | MH 9-5 | 7+18 | 158' | 8" | VCP | 0 | 4.0' | NO | YES | 158' | 4 | 0 | |
| MH 9-6 TO 9-5 | MH 9-5 | 7+18 | MH 9-6 | 8+39 | 121' | 8" | VCP | 0 | 4.0' | NO | YES | 121' | 4 | 0 | |
| MH 9-7 TO 9-6 | | | | | | | | | | | | | | | REFERENCED ON SHEET 27 |

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SITE LINE LEGEND:



SANITARY LINE TO BE CIPP LINED

TEMPORARY CONSTRUCTION EASEMENT LINE

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SANITARY IMPROVEMENTS CODED NOTES:

(1) NOT USED

2 NOT USED

3 NOT USED

4 NOT USED5 NOT USED

 $\left\langle \mathbf{6}\right\rangle$ NOT USED

7 NOT USED8 NOT USED

9 NOT USED

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
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- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| NO | REVISION | DATE |
|----|---|-----------|
| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS NOTI | ΞD | |
|----------|---------|------|--|
| DATE: | 6/16/20 | 25 | |
| DESIGNED | BY: T | JM – | |
| DRAWN BY | ': J | 3B | |

CHECKED BY: CPR

CIVIL - 10 SERIES

231342

DRAWING NAME

C-17

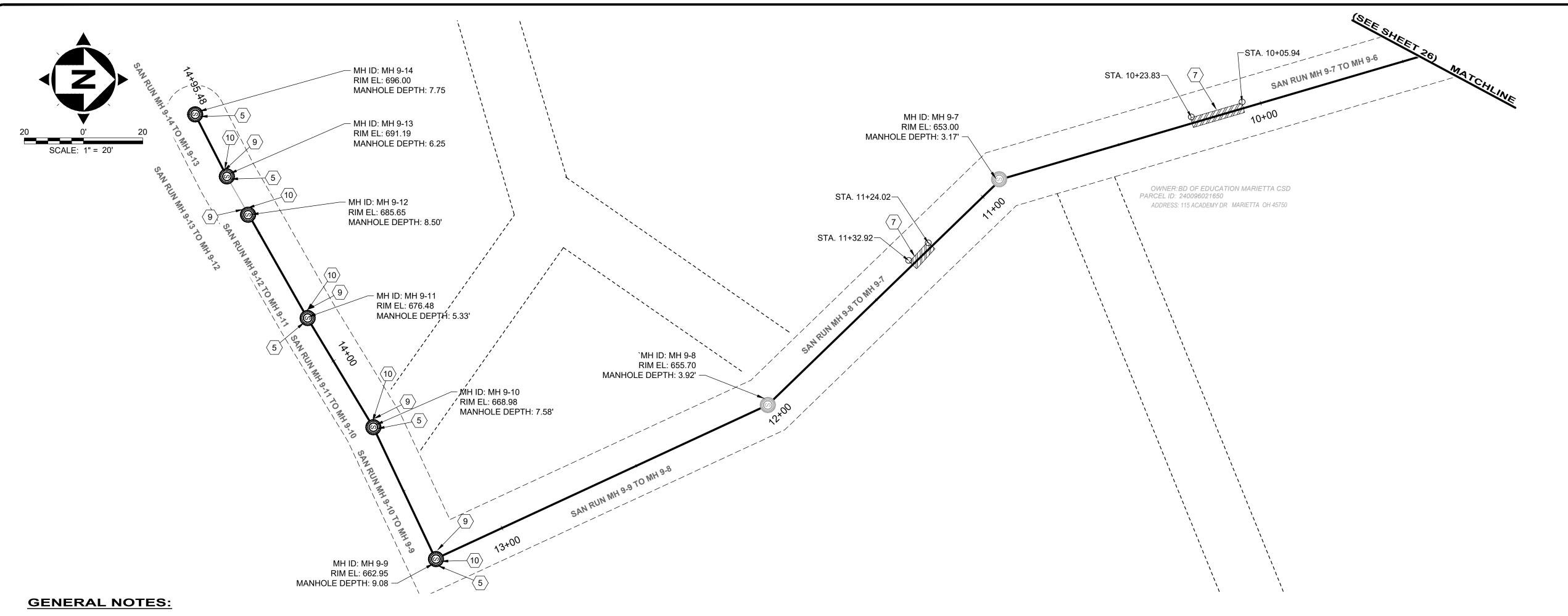
SHEET OF

82

26

PROJECT NO:

PLAN VIEW 17



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- 1 NOT USED
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, 48" I.D., AS PER PLAN (REFERENCE REHAB TABLE
- ON SHEET 70-73)
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)
- (10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

| | | DS | | US | | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|---------------------|------------------|------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP LENGTH (FT) | | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-7 TO 9-6 | MH 9-6 | 8+50 | MH 9-7 | 10+98 | 248' | 8" | VCP | 0 | 3.0' | YES | YES | 248' | 4 | 0 | |
| MH 9-8 TO 9-7 | MH 9-7 | 10+98 | MH 9-8 | 12+05 | 107' | 8" | VCP | 0 | 3.5' | YES | YES | 107' | 4 | 0 | |
| MH 9-9 TO 9-8 | MH 9-8 | 12+05 | MH 9-9 | 13+30 | 125' | 8" | VCP | 0 | 5.5' | NO | YES | 125' | 4 | 0 | |
| MH 9-10 TO 9-9 | MH 9-9 | 13+30 | MH 9-10 | 13+73 | 43' | 8" | VCP | 0 | 8.0' | NO | YES | 43' | 4 | 0 | |
| MH 9-11 TO 9-10 | MH 9-10 | 13+73 | MH 9-11 | 14+22 | 49' | 8" | VCP | 0 | 6.5' | NO | YES | 49' | 4 | 0 | |
| MH 9-12 TO 9-11 | MH 9-11 | 14+22 | MH 9-12 | 14+63 | 41' | 8" | VCP | 0 | 7.0' | NO | YES | 41' | 4 | 0 | |
| MH 9-14 TO 9-13 | MH 9-13 | 14+78 | MH 9-14 | 15+00 | 22' | 8" | VCP | 0 | 7.0' | NO | YES | 22' | 4 | 0 | |

SITE LINE LEGEND:

(APPROXIMATE NOT SURVEYED) ---- SANITARY LINE ---- EXC---- EX. CONSTRUCTION EASEMENT

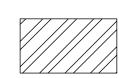
SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

© EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| .11111 | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

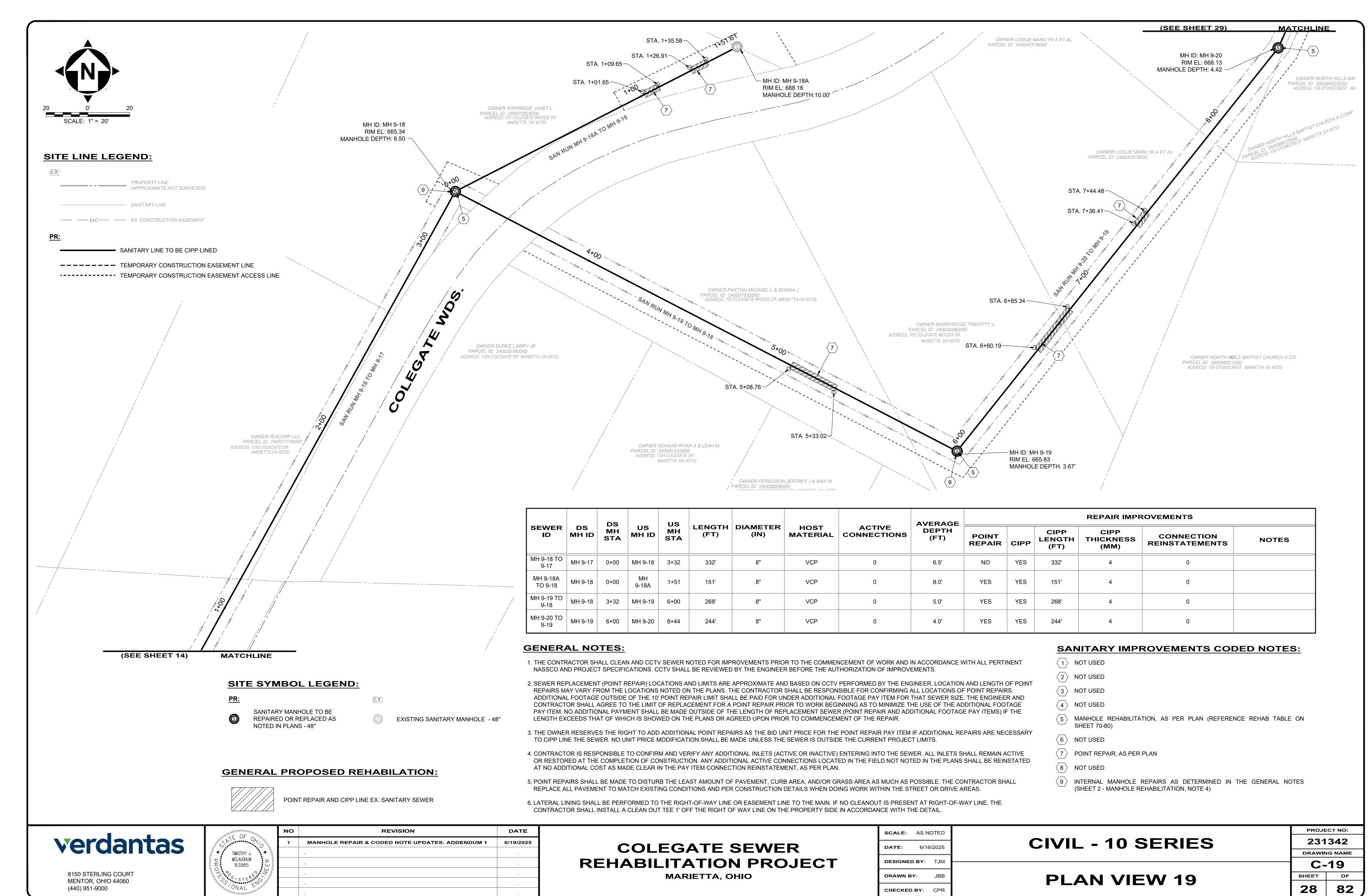
| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | TJM | |
| DRAWN B | Y: | JBB | |
| | | | |

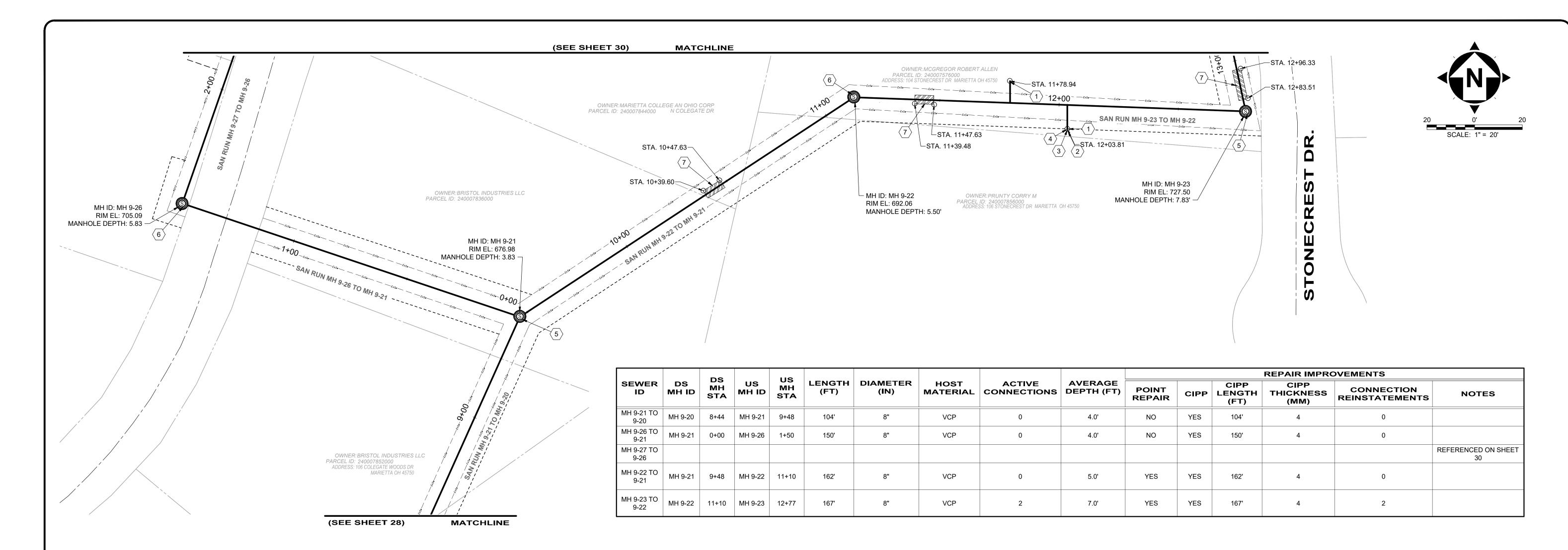
CHECKED BY: CPR

DRAWING NAME **PLAN VIEW 18**

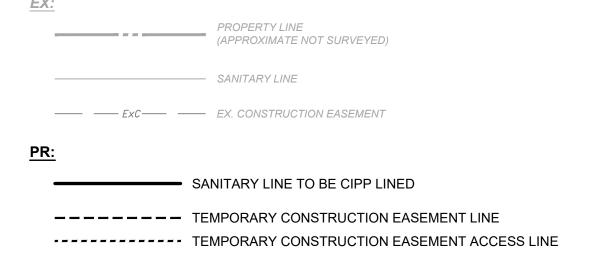
PROJECT NO:

231342





SITE LINE LEGEND:



SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"



EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 NOT USED



verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| NO | REVISION | DATE |
|----|---|-----------|
| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | TJM | | |
| DRAWN B | SY: | JBB | |

CHECKED BY: CPR

| CIVIL | - | 10 | SERIES |
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PLAN VIEW 20

PROJECT NO:

231342

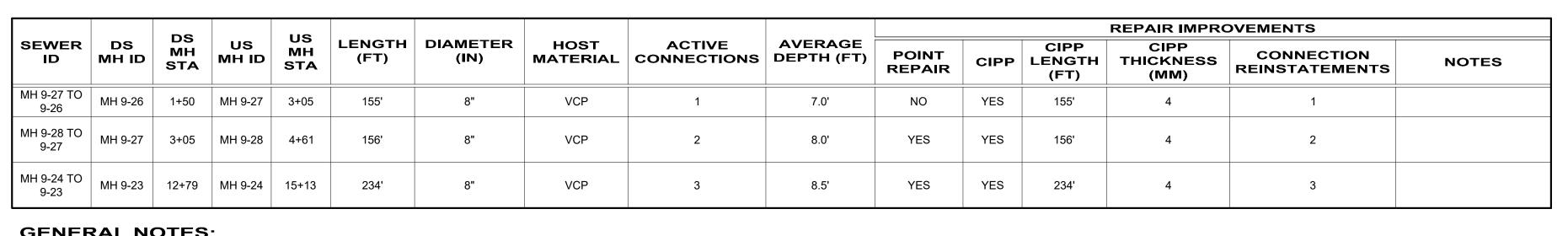
DRAWING NAME

C-20

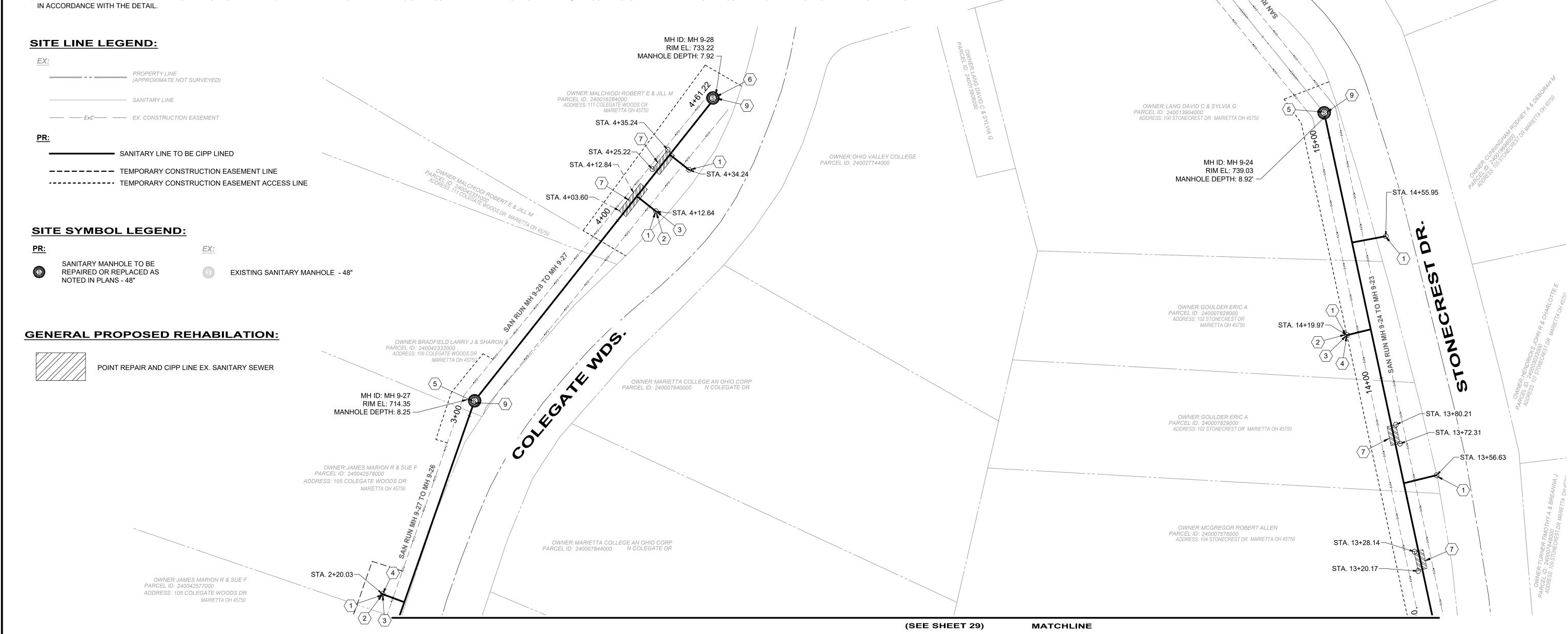
82

SHEET

29



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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COLEGATE SEWER

REHABILITATION PROJECT

MARIETTA, OHIO

SANITARY IMPROVEMENTS CODED NOTES:

MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON

 $raket{9}$ internal manhole repairs as determined in the general notes

SCALE: 1" = 20'

PROJECT NO:

231342

DRAWING NAME

C-21

82

SHEET

30

(1) CONNECTION REINSTATEMENT, AS PER PLAN

6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN

OWNER: HALL MERLE W & ESTHER R

(SHEET 2 - MANHOLE REHABILITATION, NOTE 4) ▲

 $\langle 4 \rangle$ 6-INCH CLEAN OUT, AS PER PLAN

 $\overline{7}$ POINT REPAIR, AS PER PLAN

SHEET 70-80)

8 NOT USED

CIVIL - 10 SERIES

PLAN VIEW 21

- MH ID: MH 9-25

RIM EL: 744.65

OWNER: MARTIN DAVID L

SCALE: AS NOTED

DESIGNED BY: TJM

6/16/2025

DATE:

DRAWN BY:

CHECKED BY:

MANHOLE DEPTH: 5.92

PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN

(3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

NO

TIMOTHY J.

MCLAUGHLIN

83985

REVISION

MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM

DATE

6/19/2025

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- 1 NOT USED
- $\langle 2 \rangle$ NOT USED
- $\langle 3 \rangle$ NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- (6) NOT USED
- $\langle 7 \rangle$ POINT REPAIR, AS PER PLAN
- 8 NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

SITE LINE LEGEND:

OWNER: RUCORP LLC

- MH ID: MH 9-79B

RIM EL: 680.53

PARCEL ID: 240017600000

OWNER: VOLAND JAMES R

PARCEL ID: 240021032000 ADDRESS: 108 WOODCREST DR MARIETTA OH 45750

(APPROXIMATE NOT SURVEYED)

MANHOLE DEPTH: 11.25' ————— TEMPORARY CONSTRUCTION EASEMENT LINE

∕-STA. 5+18.94

-STA. 5+09.89

ACADEMY DR.

OWNER: RUCORP LLC PARCEL ID: 240017600000 SANITARY LINE

SANITARY LINE TO BE CIPP LINED

TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

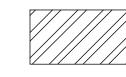
---- EXC---- EX. CONSTRUCTION EASEMENT

© EXISTING SANITARY MANHOLE - 48"

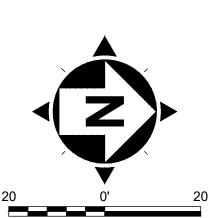
SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

SITE SYMBOL LEGEND:

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER



SCALE: 1" = 20'

NEW CONSTRUCTION MANHOLE DEPTH SHALL BE BASED OFF THE DEPTH OF EXISTING SANITARY SEWER.

OWNER: WIESER & CAWLEY INC AN OHIO CORP

- MH ID: MH 9-79BA

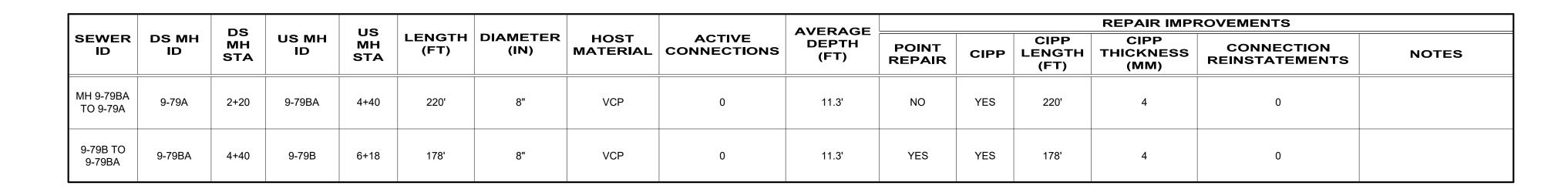
PARCEL ID: 240032848000

OWNER: WIESER & CAWLEY INC AN OHIO CORP PARCEL ID: 240032856000 ADDRESS: 1301 COLEGATE DR MARIETTA OH 45750

MH ID: MH 9-79A SAN RUN MH 9-79BA TO MH 9-79A RIM EL: 643.74 MANHOLE DEPTH: 11.25'

OWNER: LIMEGROVER ERIC J & ANGIE M

PARCEL ID: 240005820000



verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| NO | REVISION | DATE |
|----|---|-----------|
| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

SCALE: AS NOTED DATE: 6/16/2025 **DESIGNED BY:** TJM DRAWN BY: CHECKED BY:

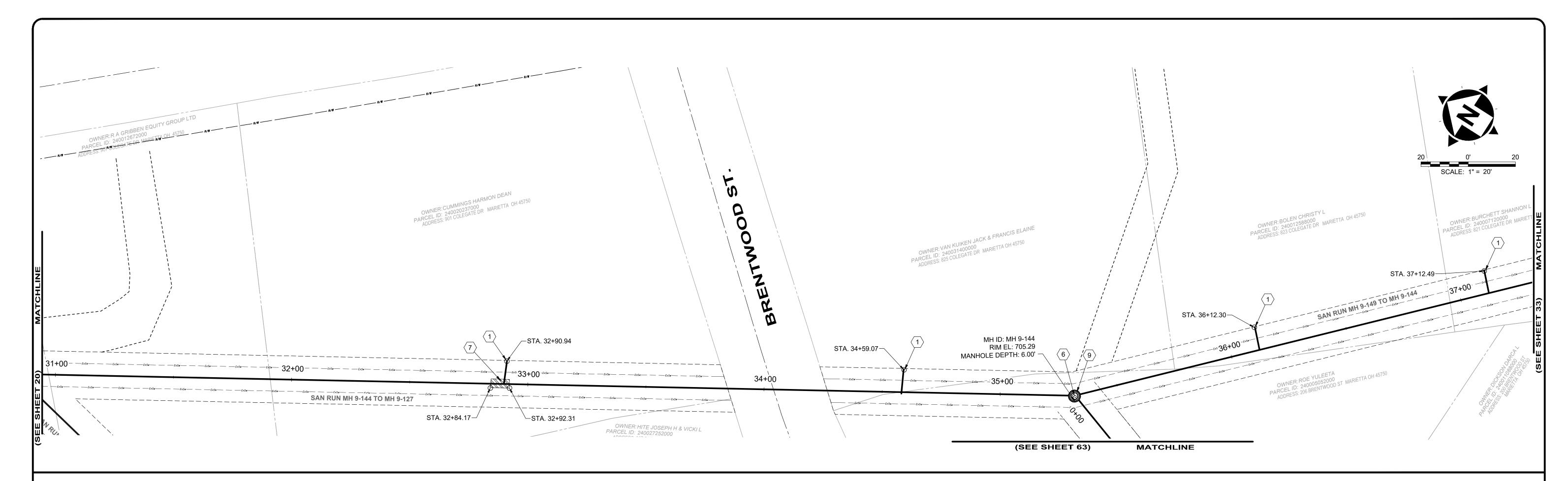
CIVIL - 10 SERIES

PLAN VIEW 22

231342 DRAWING NAME **C-22** SHEET 31 **82**

PROJECT NO:

C:\CT\CAD\ DRIVES\ H\231342 - 6.16.25\DWG\BASE\C 231342 BASE ALIGNMENTS AND IMPROVEMENTS.DWG - 31 PLAN VIEW 22 - 6/17/2025 10:01:08 PM - JARED BORDNEI



| | | DS | | us | | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-------------|-------------|----------------|------------------|------------------|-----------------------|---------------|-----------------|---------------------|------------------------|---------------------------|------------------------------|-------|------------------------|
| SEWER DS MH ID | ML | US MH ID | МШ | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-144 to 9-127 | MH 9-127 | 30+83 | MH 9-144 | 35+33 | 450' | 8" | VCP | 2 | 8.5' | YES | YES | 450' | 4 | 2 | |
| MH 9-149 TO 9-144 | MH 9-144 | 35+33 | MH 9-149 | 38+07 | 274' | 8" | VCP | 2 | 5.0' | NO | YES | 274' | 4 | 2 | |
| MH 9-145 TO 9-144 | | | | | | | | | | | | | | | REFERENCED ON SHEET 63 |

SITE LINE LEGEND:

PROPERTY LINE
(APPROXIMATE NOT SURVEYED) - SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS

NOTED IN PLANS - 48"

EX:

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- (3) NOT USED
- 4 NOT USED
- $\langle 5 \rangle$ NOT USED
- (6) MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- $\overline{7}$ POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | | | |
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| DATE: | 6/2025 | | |
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| DRAWN B | Y: | JBB | |

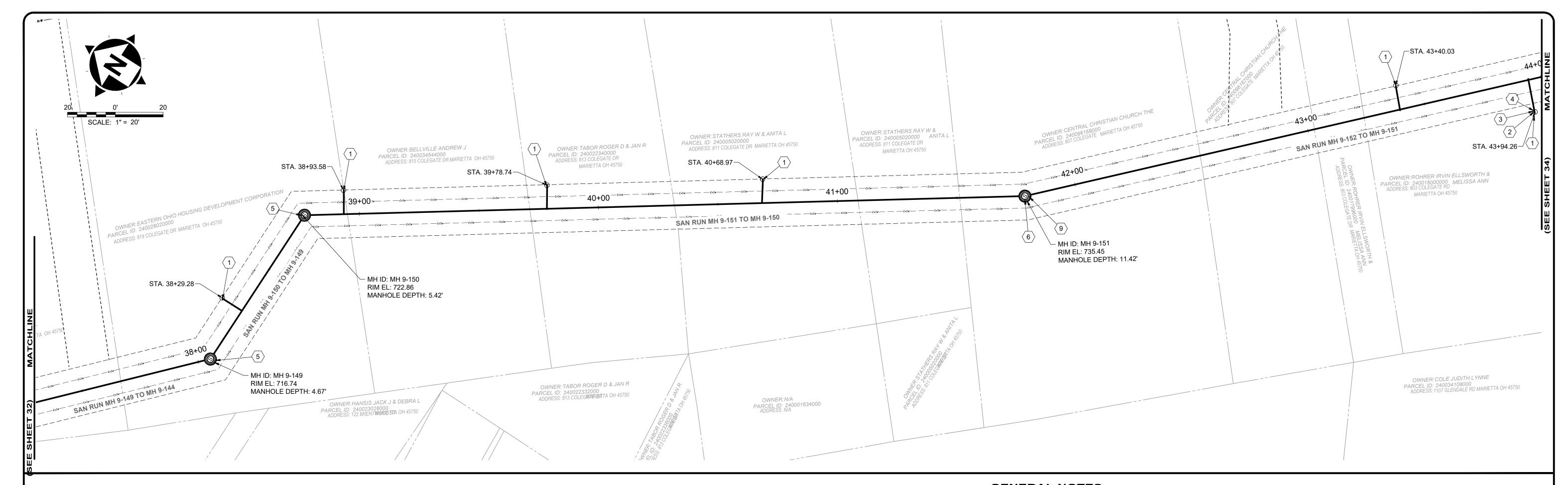
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CIVIL - 10 SERIES

PROJECT NO: 231342 DRAWING NAME

PLAN VIEW 23

C-23 SHEET **32 82**



| | | DS | | us | | | | | AVERAGE | | | | REPAIR IMP | ROVEMENTS | |
|----------------------|-------------|-------|-------------|-------|----------------|----|------------------|-----------------------|-----------------|-----------------|------|------------------------|---------------------------|------------------------------|------------------------|
| SEWER ID | DS MH ID | > Мы | US MH ID | R/LLI | LENGTH (FT) | | HOST MATERIAL | ACTIVE CONNECTIONS | ONNECTIONS (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-149 TO 9-144 | | | | | | | | | | | | | | | REFERENCED ON SHEET 32 |
| MH 9-150 TO 9-149 | MH 9-149 | 38+07 | MH 9-150 | 38+74 | 67' | 8" | VCP | 1 | 5.0' | NO | YES | 67' | 4 | 1 | |
| MH 9-151 TO 9-150 | MH 9-150 | 38+74 | MH 9-151 | 41+76 | 302' | 8" | VCP | 3 | 8.0' | YES | YES | 302' | 4 | 3 | |
| MH 9-152 TO 9-151 | MH 9-151 | 41+76 | MH 9-152 | 44+82 | 306' | 8" | VCP | 3 | 8.0' | NO | YES | 306' | 4 | 3 | |

SITE SYMBOL LEGEND: **SITE LINE LEGEND:**

EX: (APPROXIMATE NOT SURVEYED)

SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"



EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- (2) PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- $\langle 5
 angle$ MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- $\langle 7 \rangle$ NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

| William CE | NO | REVISION | DATE |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

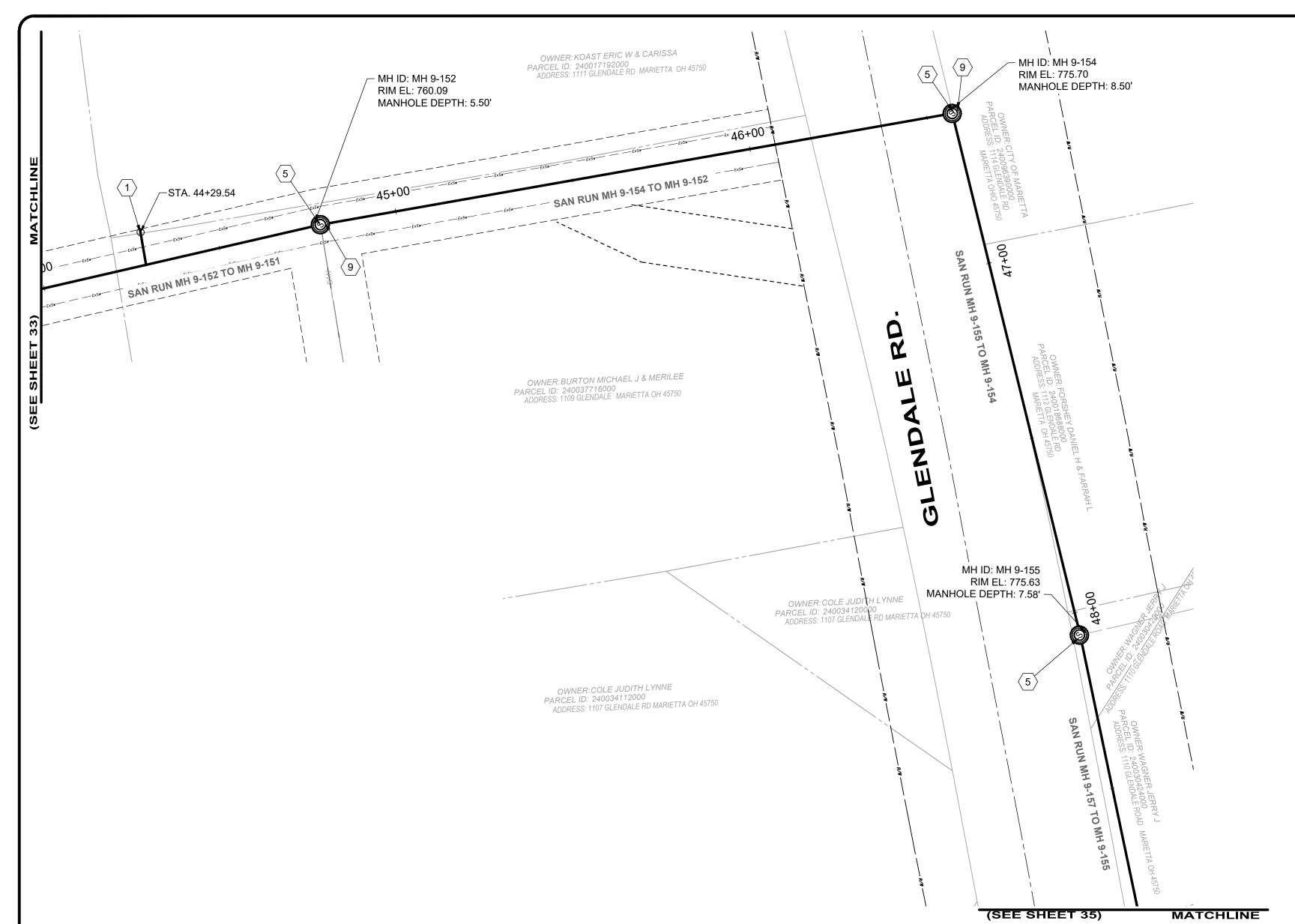
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|---------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
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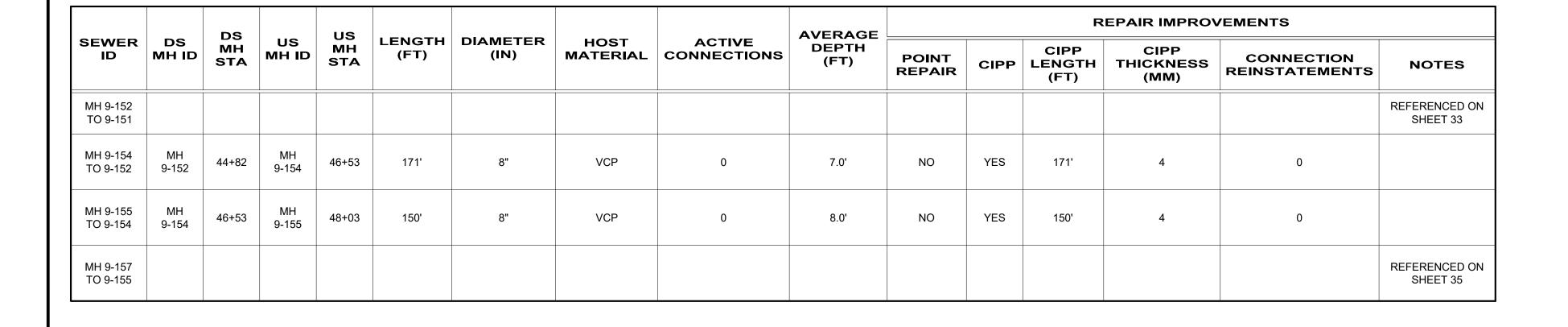
CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 24

231342 DRAWING NAME C-24 SHEET 33 **82**





- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- (3) NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- $\langle 6 \rangle$ NOT USED
- 7 NOT USED
- $\langle 8 \rangle$ NOT USED
- $\langle 9
 angle$ internal manhole repairs as determined in the general notes (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

SITE LINE LEGEND:

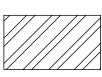
(APPROXIMATE NOT SURVEYED) SANITARY LINE ---- EXC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE ****** TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

© EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

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8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



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| E OF OX | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| | SCALE: | OTED | | |
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| | DATE: | 6/16 | | |
| | DESIGNE | TJM | | |
| | DRAWN B | JBB | | |

CHECKED BY: CPR

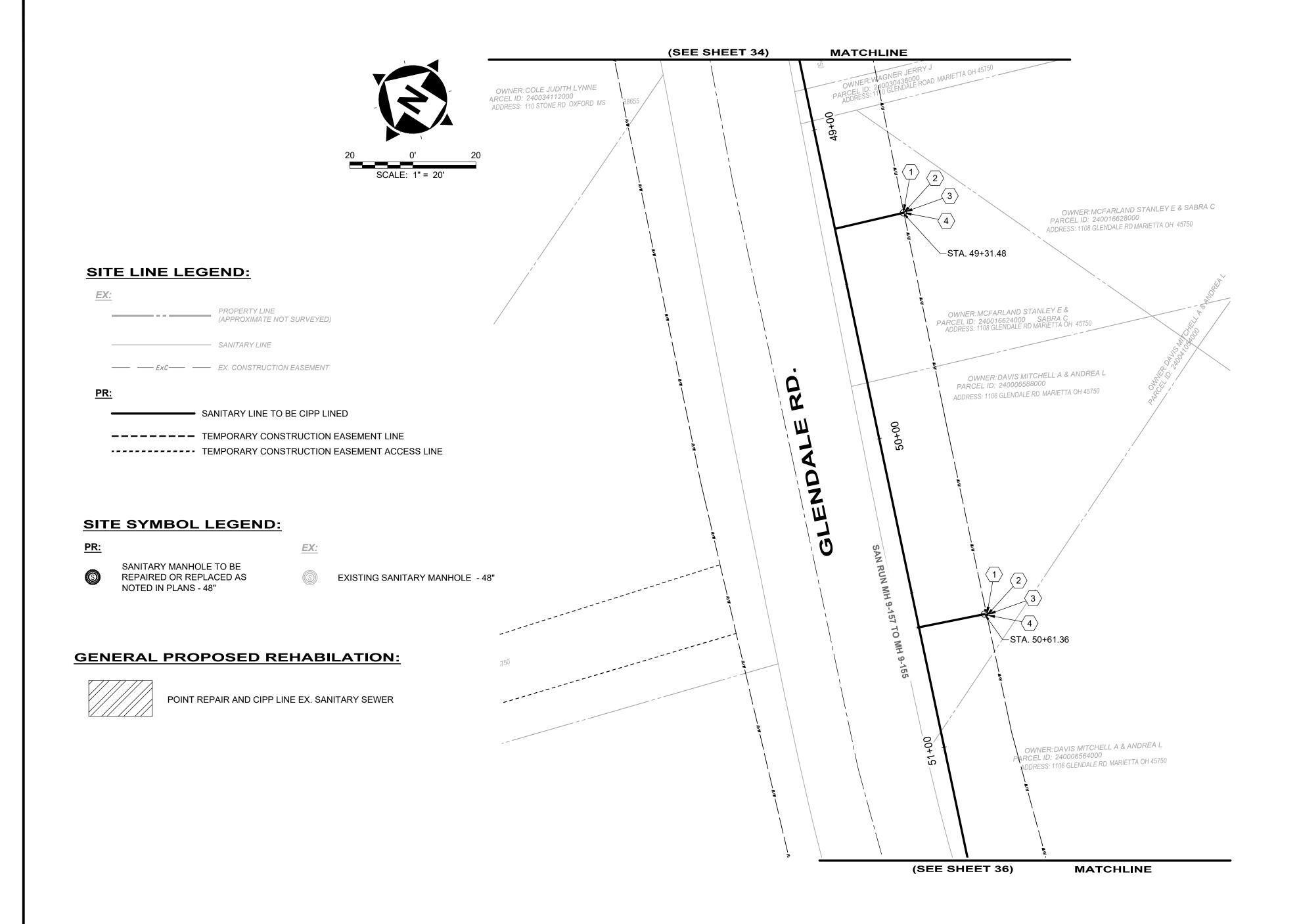
CIVIL - 10 SERIES

PLAN VIEW 25

231342 DRAWING NAME C-25 SHEET

82

34



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- $\langle 5 \rangle$ NOT USED
- 6 NOT USED
- $\langle 7 \rangle$ NOT USED
- 8 NOT USED
- 9 NOT USED

| SEWER ID | DS MH ID | DS MH STA | MH ID | us | US LENGTH DIAMETER (IN) | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------------|-------------|-------|-------------------------|------------------|-----------------------|---|-----------------|---------------------|------------------------|---------------------------|------------------------------|-------|--|
| | | | | | | HOST MATERIAL | ACTIVE CONNECTIONS | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-157 TO 9-155 | MH 9-155 | 48+03 | MH 9-157 | 52+00 | 397' | 8" | VCP | 2 | 10.0' | NO | YES | 397' | 4 | 2 | |

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

MCLAUCHLIN

83985

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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

DATE: 6/16/2025

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

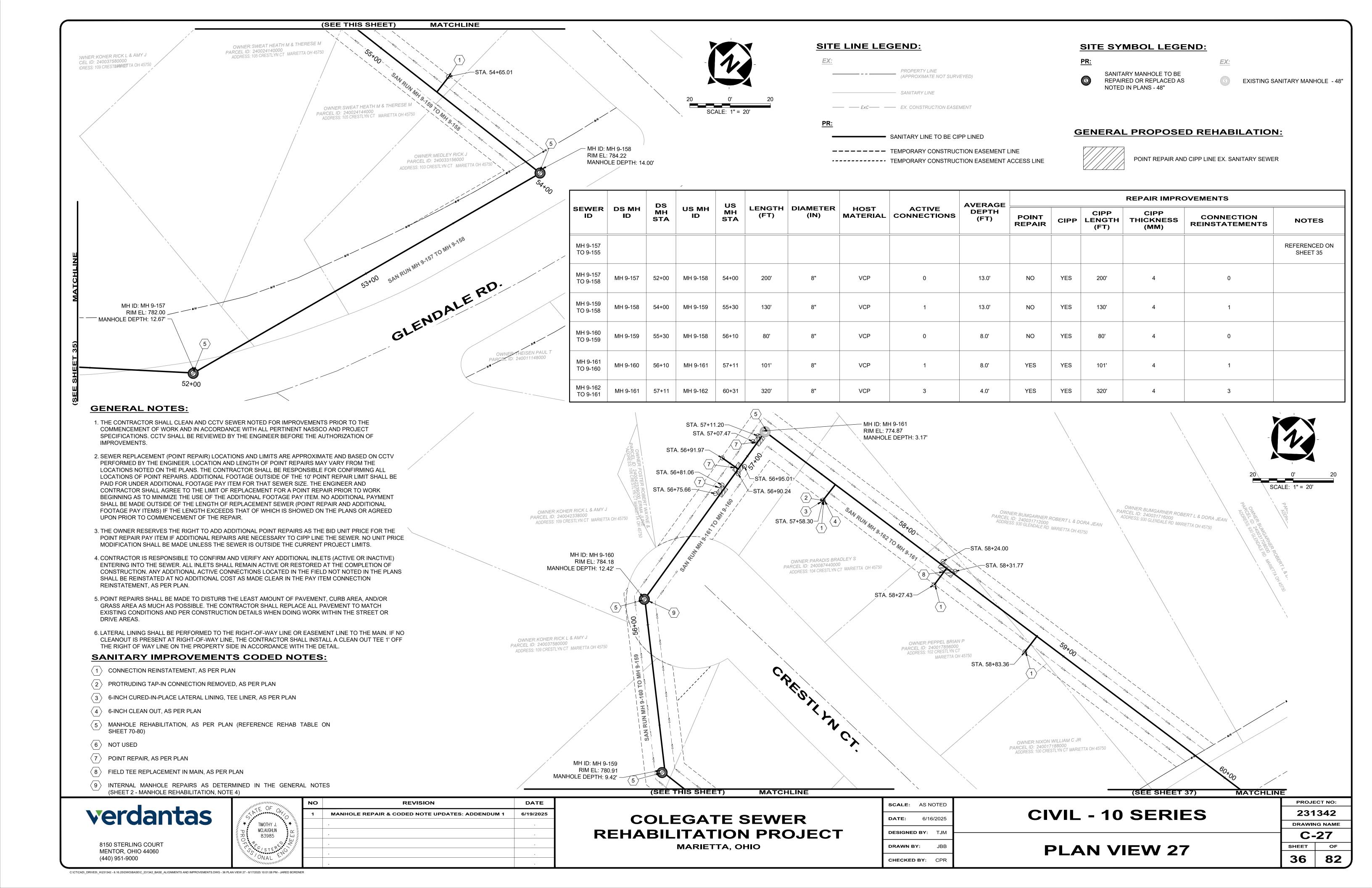
PLAN VIEW 26

C-26
SHEET OF
35 82

PROJECT NO:

231342

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 35 PLAN VIEW 26 - 6/17/2025 10:01:08 PM - JARED BORDNER

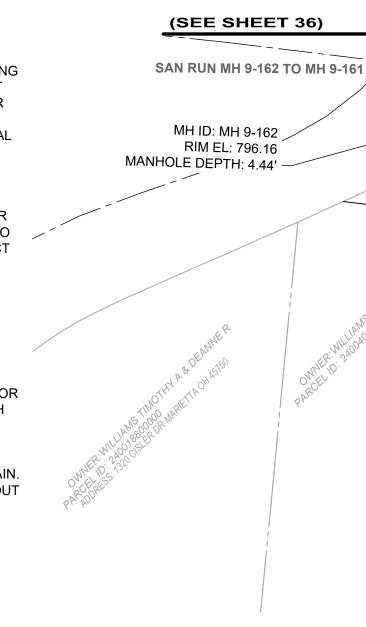


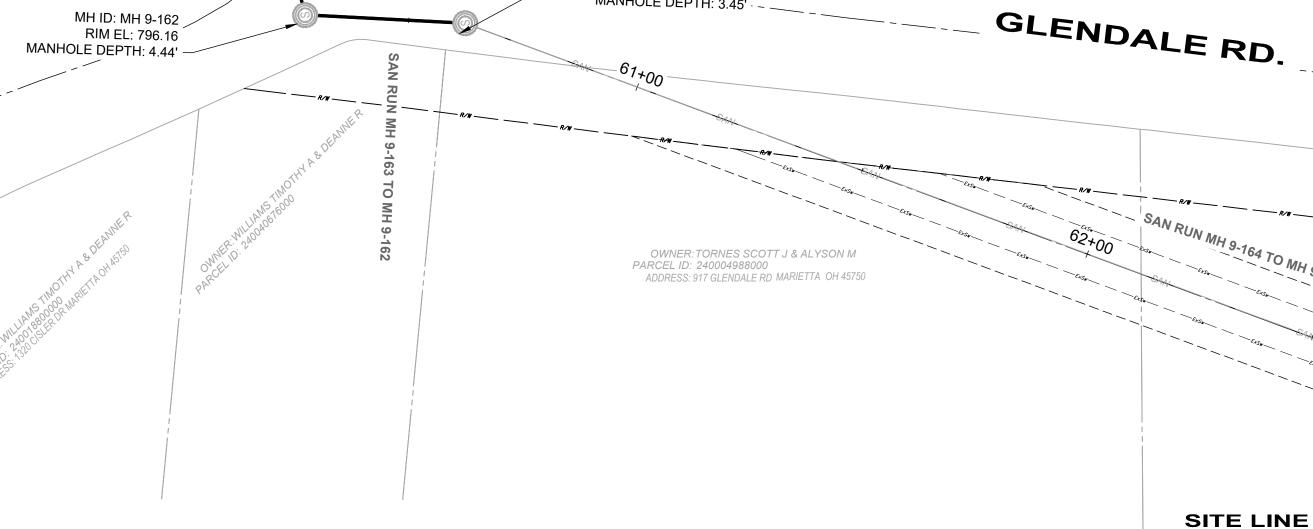
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- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 NOT USED
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- $\langle 8 \rangle$ NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

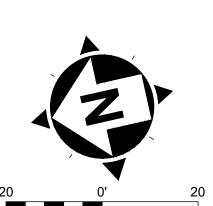




- MH ID: MH 9-163

– RIM EL: 795.65

MATCHLINE

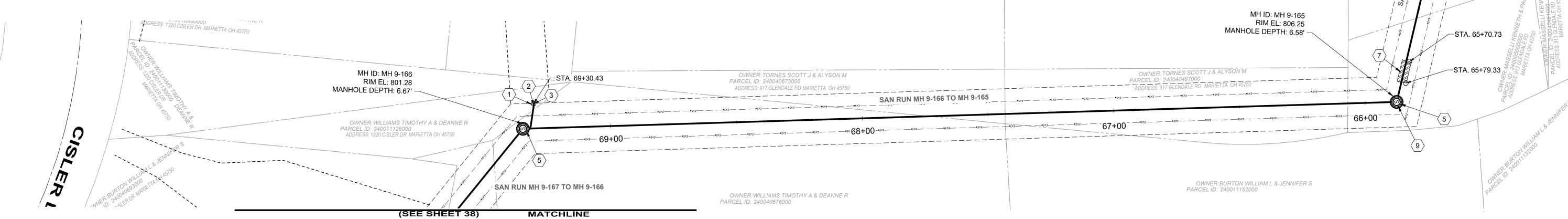


SCALE: 1" = 20'

| | | D 0 | | | | | | | AVERAGE | | REPAIR IMPROVEMENTS | | | | | | |
|----------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|---------------|-----------------|---------------------|------------------------|-------------------------|------------------------------|---------------------------|--|--|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | TH THICKNESS CONNECTION | CONNECTION REINSTATEMENTS | NOTES | | |
| MH 9-162 TO 9-161 | | | | | | | | | | | | | | | REFERENCED ON SHEET 36 | | |
| MH 9-163 TO 9-162 | MH 9-162 | 60+31 | MH 9-163 | 60+61 | 30' | 8" | VCP | 0 | 4.0' | NO | YES | 30' | 4 | 0 | | | |
| MH 9-165 TO 9-164 | MH 9-164 | 64+23 | MH 9-165 | 65+90 | 167' | 8" | VCP | 0 | 5.0' | YES | YES | 167' | 4 | 0 | | | |
| MH 9-166 TO 9-165 | MH 9-165 | 65+90 | M 9-166 | 69+37 | 347' | 8" | VCP | 1 | 6.5' | NO | YES | 347' | 4 | 1 | | | |
| MH 9-167 TO 9-166 | | | | | | | | | | | | | | | REFERENCED ON SHEET 38 | | |

MH ID: MH 9-164 RIM EL: 805.41 MANHOLE DEPTH: 3.42' -**SITE LINE LEGEND:** PROPERTY LINE (APPROXIMATE NOT SURVEYED) SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE **SITE SYMBOL LEGEND:** -STA. 64+84.72 SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS EXISTING SANITARY MANHOLE - 48" -STA. 64+92.68 NOTED IN PLANS - 48" **GENERAL PROPOSED REHABILATION:**

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER



verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

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| * PROF(S) | TIMOTHY J. MCLAUGHLIN 83985 | NO NEER + |
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| | NO | REVISION | DATE |
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|) | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | TJM | |
| DRAWN B | SY: | JBB | |

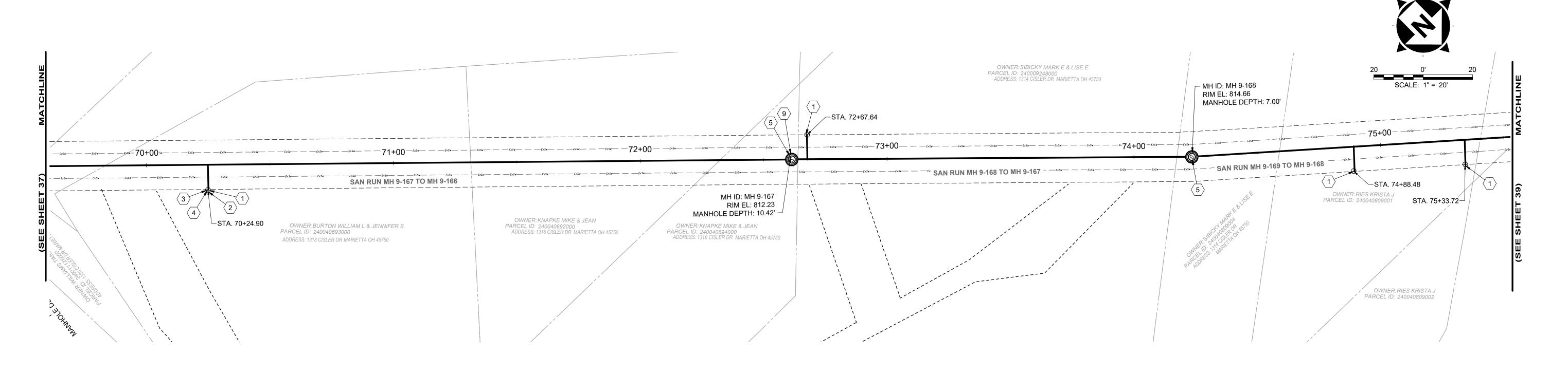
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CIVIL - 10 SERIES

PLAN VIEW 28

231342 DRAWING NAME **C-28** SHEET **37 82**

PROJECT NO:



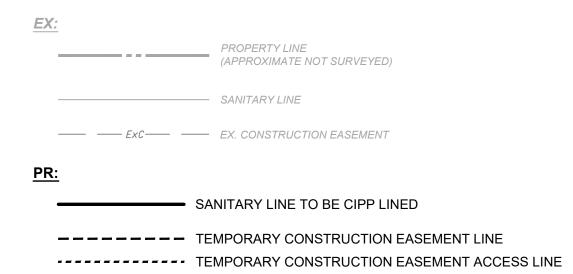
| | | DS | | US | | | | | AVERAGE | | | | REPAIR IMPR | OVEMENTS | |
|----------------------|-------------------------------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|------|-------------|----------|------------------------|
| SEWER ID | R DS MH MH ID WH (FT) DIAMETER (IN) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | | | | |
| MH 9-167 TO 9-166 | MH 9-166 | 69+37 | MH 9-167 | 72+61 | 324' | 12" | VCP | 1 | 8.5' | NO | YES | 324' | 6 | 1 | |
| MH 9-168 TO 9-167 | MH 9-167 | 72+61 | MH 9-168 | 74+23 | 162' | 12" | VCP | 1 | 8.5' | NO | YES | 162' | 6 | 1 | |
| MH 9-169 TO 9-168 | | | | | | | | | | | | | | | REFERENCED ON SHEET 39 |

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- $\langle 2 \rangle$ PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 NOT USED
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

SITE LINE LEGEND:



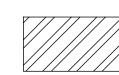
SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE

REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY
MCLAUGH
83988

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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DESIGNED | BY: | TJM | |
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CIVIL - 10 SERIES

PLAN VIEW 29

231342

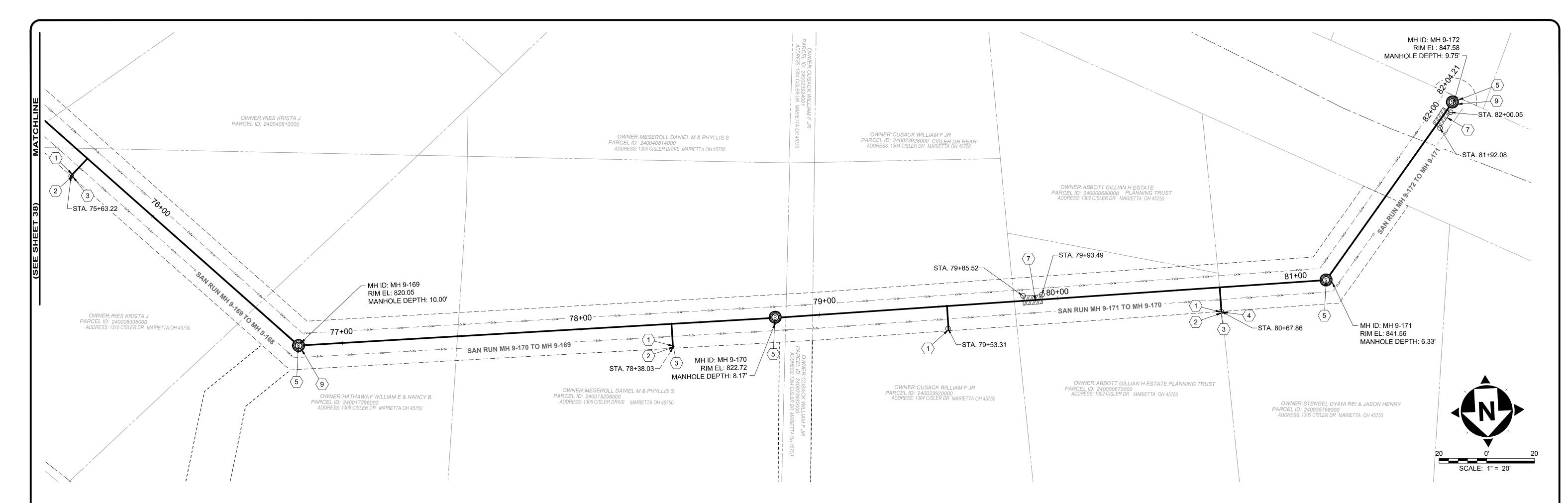
DRAWING NAME

C-29

SHEET OF

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PROJECT NO:



| | | De | | II.E | | | | | AVERAGE | | | | REPAIR IMPR | OVEMENTS | |
|----------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-169 TO 9-168 | MH 9-168 | 74+23 | MH 9-169 | 76+80 | 257' | 8" | VCP | 3 | 8.5' | NO | YES | 257' | 4 | 3 | |
| MH 9-170 TO 9-169 | MH 9-169 | 76+80 | MH 9-170 | 79+00 | 220' | 8" | VCP | 1 | 9.0' | NO | YES | 220' | 4 | 1 | |
| MH 9-171 TO 9-170 | MH 9-170 | 79+00 | MH 9-171 | 81+12 | 212' | 8" | VCP | 2 | 7.0' | YES | YES | 212' | 4 | 2 | |
| MH 9-172 TO 9-171 | MH 9-171 | 81+12 | MH 9-172 | 82+04 | 92' | 8" | VCP | 0 | 8.0' | YES | YES | 92' | 4 | 0 | |

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- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
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- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

SITE LINE LEGEND:

PROPERTY LINE (APPROXIMATE NOT SURVEYED) - SANITARY LINE ---- Exc---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED

> ---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

(440) 951-9000

8150 STERLING COURT MENTOR, OHIO 44060

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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

SCALE: AS NOTED **DATE:** 6/16/2025 DESIGNED BY: TJM DRAWN BY: CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 30

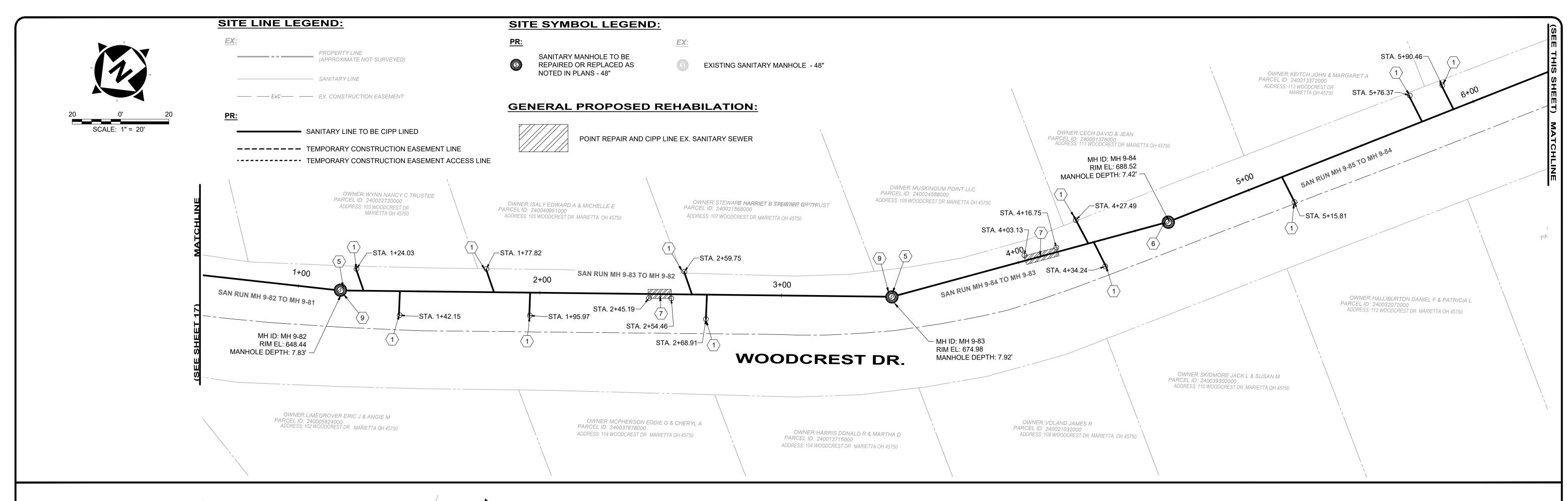
231342 DRAWING NAME **C-30** SHEET

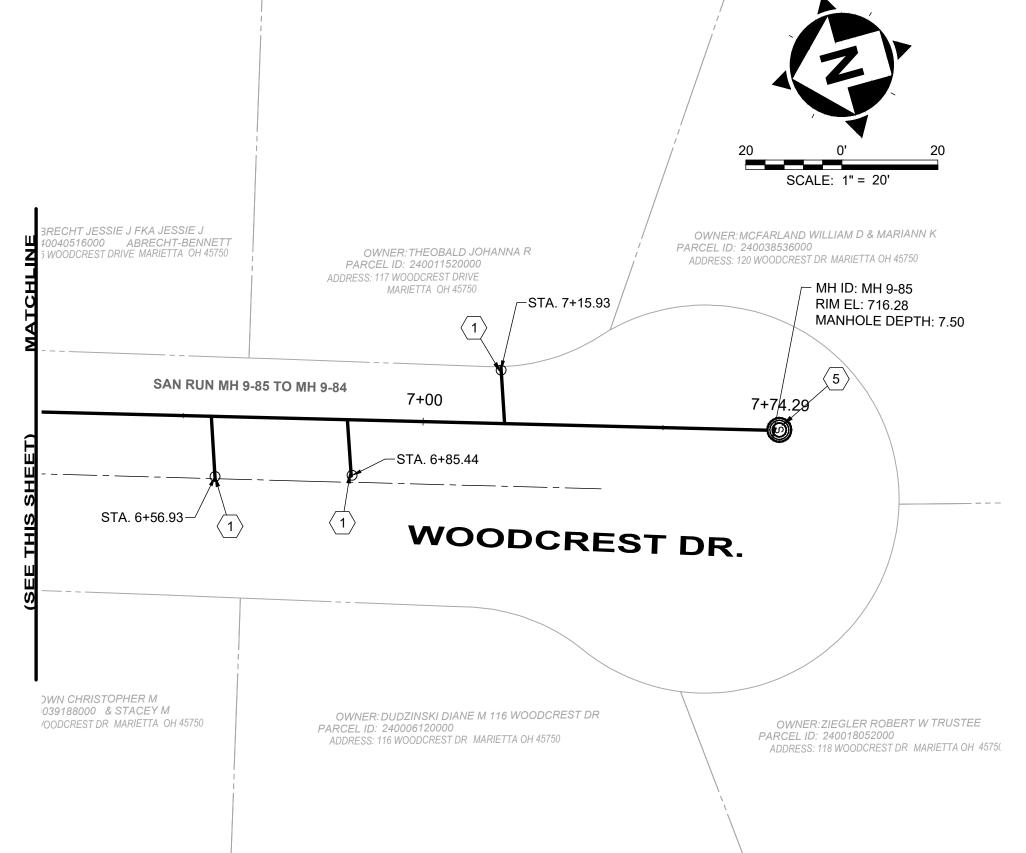
39

PROJECT NO:

82

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 39 PLAN VIEW 30 - 6/17/2025 10:01:08 PM - JARED BORDNER





| ID ID | DS MH | DS | | us | LENGTH (FT) | | | | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|---------------------|-------------------------------|-------|---|---|--|
| | DS MH ID | MH STA | US MH ID | MH STA | | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | PAIR (FT) (MM) REINSTATEMENTS | NOTES | | | |
| MH 9-82 TO 9-81 | MH 9-81 | 0+00 | MH 9-82 | 1+14 | 114' | 8" | VCP | 0 | 6.0' | NO | YES | 114' | 4 | 0 | |
| MH 9-83 TO 9-82 | MH 9-82 | 1+14 | MH 9-83 | 3+45 | 231' | 8" | VCP | 6 | 7.8' | YES | YES | 231' | 4 | 6 | |
| MH 9-83 TO 9-84 | MH 9-83 | 3+45 | MH 9-84 | 4+61 | 116' | 8" | VCP | 2 | 7.5' | YES | YES | 116' | 4 | 2 | |
| MH 9-85 TO 9-84 | MH 9-84 | 4+61 | MH 9-85 | 7+74 | 313' | 8" | VCP | 6 | 7.5' | NO | YES | 313' | 4 | 6 | |

1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.

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SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/202 |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

SCALE: AS NOTED

DATE: 6/16/2025

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 31

231342

DRAWING NAME

C-31

SHEET OF

82

40

PROJECT NO:

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 40 PLAN VIEW 31 - 6/17/2025 10:01:08 PM - JARED BORDNER

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
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- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

(1) CONNECTION REINSTATEMENT, AS PER PLAN

2 NOT USED

3 NOT USED

 \langle 4 angle NOT USE[

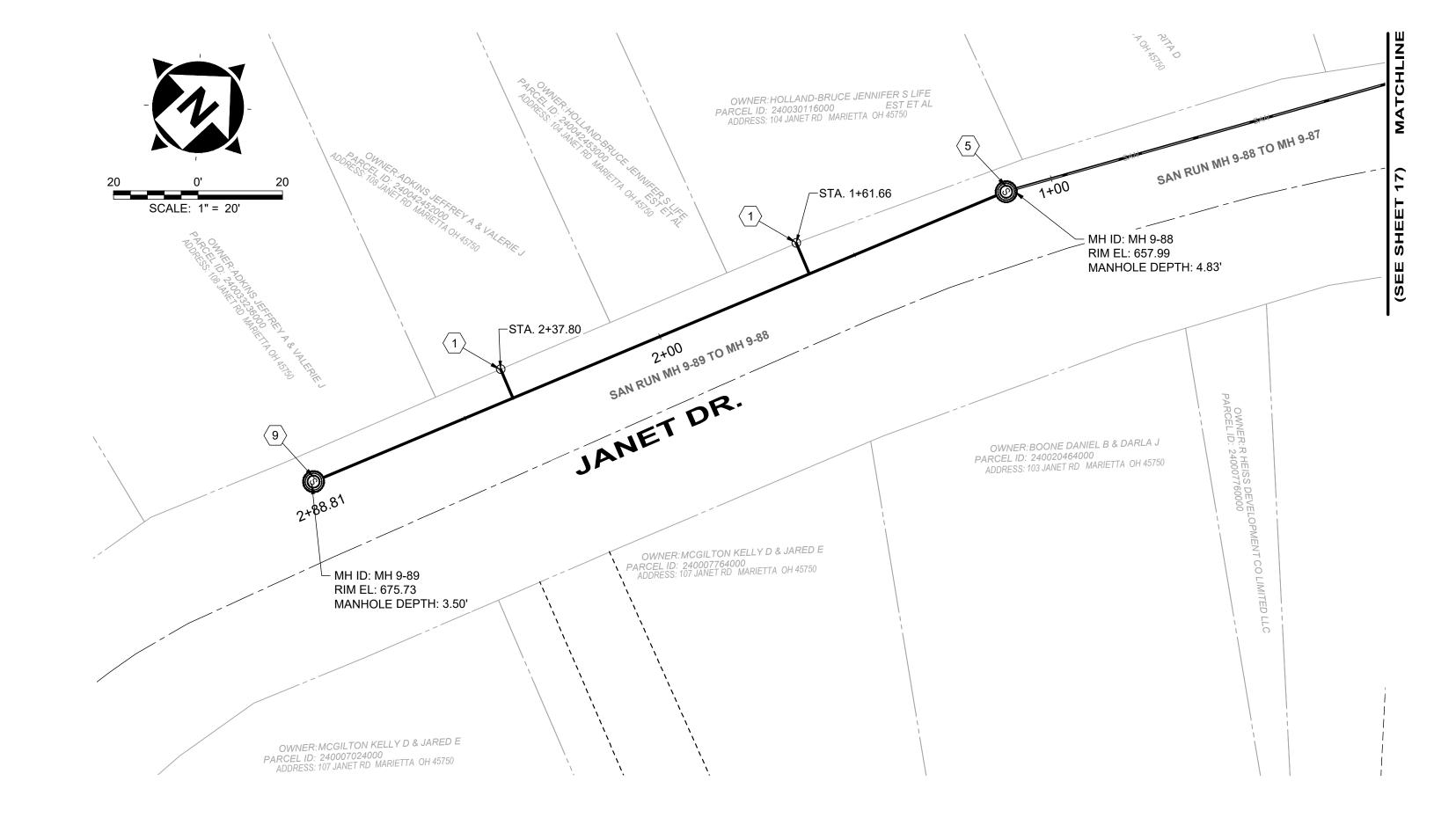
MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)

6 NOT USED

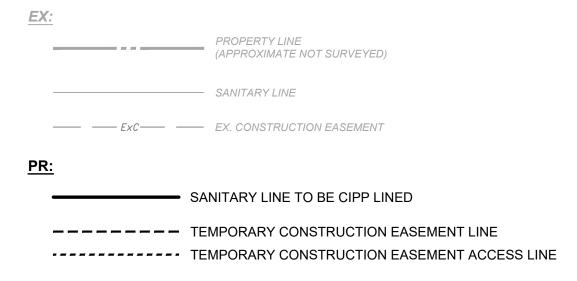
7 NOT USED

8 NOT USED

9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)



SITE LINE LEGEND:



| | | DS | | US | | | AVERAGE REPAIR IMPROVE | | | EMENTS | | | | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-89 TO 9-88 | MH 9-88 | 1+10 | MH 9-89 | 2+88 | 178' | 8" | VCP | 2 | 4.0' | NO | YES | 178' | 4 | 2 | |

SITE SYMBOL LEGEND:

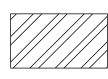
PR:

EX:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

| verd | ant | ' as |
|---------|-----|-------------|
| 1 C U | | G 3 |

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

MCLAUGHLIN

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MINIMATE OX

| | NO | REVISION | DATE |
|---------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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| ,,,,,, | | | |
| 11111 | | | |
| | | | |
| | | | |

COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS NOTED | |
|----------|----------------|----------|
| DATE: | 6/16/2025 | |
| DESIGNED | BY: TJM | <u> </u> |
| DRAWN B | Y : JBB | |
| | | |

CHECKED BY: CPR

CIVIL - 10 SERIES

231342

DRAWING NAME

C-32

SHEET OF

41 82

SITE LINE LEGEND:

| EX: | |
|-----|---|
| | PROPERTY LINE (APPROXIMATE NOT SURVEYED) |
| | SANITARY LINE |
| ExC | EX. CONSTRUCTION EASEMENT |
| | |

| DB. | | |
|-----|--|--|

SANITARY LINE TO BE CIPP LINED

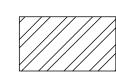
---- TEMPORARY CONSTRUCTION EASEMENT LINE TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE -

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- $\langle 1 \rangle$ NOT USED
- 2 NOT USED
- (3) NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, 48" I.D., AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-73)
- 6 NOT USED
- 7 NOT USED
- 8 NOT USED
- (9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

| 48" | S# |
|-----|-----|
| | |
| | |
| | 853 |
| | 5 |
| | |
| | |

| (SEE SHEET 17) | MATCHLINE | | | |
|--|--|--|---|---|
| 9-06-6 | OWNER: SKLENAR JOHN D & STEPHANIE NICOLE PARCEL ID: 240027232000 ADDRESS: 1107 COLEGATE DRIVE MARIETTA OH 45750 | OWNER: SKLENAR JOHN D & STEPHANIE NICOLE OWNER: SKLENAR JOHN D & STEPHANIE NICOLE OWNER: SKLENAR JOHN D & STEPHANIE NICOLE NICOL | ADDRESS: 1105 COLEGATE DR MARIETTA UH 40100 | 20 0' SCALE: 1" = 20' |
| -658- HW OT 19-9 H | | PARCEL ID. 2107 COLLAR OH 40 MARIETTA OH 40 | | OWNER: CUMMINGS DAVID PARCEL ID: 240087172000 ADDRESS: 1105 COLEGATE DR MA |
| SAN RUN MH | "COLE | | | |
| - ExSt E | WHER: SKLENAR JOHN D & STEPHANIE NICOLE | | | |
| -vs | OWNER SKLENAR 400 TOLEGATE DRY | | | |
| —————————————————————————————————————— | br Mr. | | | |
| - EXSA | MH ID: MH 9-91 RIM EL: 659.70 | | | |
| 0+00 | MANHOLE DEPTH: 3.50' | | | MH ID: MH 9-93 RIM EL: 673.55 |
| 5 | | 5v-1+00 -Exsv Exsv | EXSV———————————————————————————————————— | HOLE DEPTH: 4.17' |
| - Lexis | ExSy | - SAN RUN MH 9-93 TO MH 9 | | EXSV EXSV |
| 2+00b | | - Rel | AS | WID W & TRINA K (5) |
| MSG A | WE BRADFORD C & SANDRAS WE BRADFORD ON MARIETTA OH ASTED | EBRADFORD C & SANDRI | OMNEK.CUMMING | 24 TO MH 9-93 SA TO MH 9-93 SA TO MH 9-93 OF TO SA |
| | ER: BUR 003E RU | OWNER: BURNOTTO NO | PARCE | AN RUN MH 9-94 TO |
| | OWNER ID: 1755. | | | SAN RUN |
| S _Q Y _Y | SAN RUN MH 9-92 TO MH 9 | | | ESSV |
| | Programme SAN R | | | 5 |
| | Evsa Control of the C | | MANHO | MH ID: MH 9-94 RIM EL: 689.86 LE DEPTH: 10.75 |
| | 1 0 t E 1 3 t 0 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 | | nR· | 9 |
| | | JANE | ET DR. | |
| TION NOTES | | | | |
| | RIM E | O: MH 9-92 EL: 684.74 HOLE DEPTH: 6.67' | DENOCABLE TRUST | OWNER: HILL TE OWNER: HILL OWNER: HILL PARODRESS: 10018 |
| | 5 <u>E</u> | | R. GLATELINDAS REVOCAL ACIDADO ON MARIETTA OHASTSO | PA'ADU. |
| | 9 SCALE: AS NOTED | DIEMAN OWN | LV. 18 11 | PROJEC |

| | SEWER ID | DS MH ID | DS | US MH ID | us | H LENGIA | | | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | REPAIR IMPROVEMENTS | | | | | |
|--|--------------------|-------------|-----------|-------------|------|------------|------------------|-----|-----------------------|--------------------------|---------------------|------|------------------------|---------------------------|------------------------------|-------|
| | | | MH STA | | Ми | | DIAMETER (IN) | | | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| | MH 9-91 TO 9-90 | MH 9-90 | 0+00 | MH 9-91 | 1+60 | 160' | 8" | VCP | 0 | 4.0' | NO | YES | 160' | 4 | 0 | |
| | MH 9-92 TO 9-91 | MH 9-91 | 1+60 | MH 9-92 | 3+72 | 212' | 8" | VCP | 0 | 5.0' | NO | YES | 212' | 4 | 0 | |



8150 STERLING COURT

MENTOR, OHIO 44060

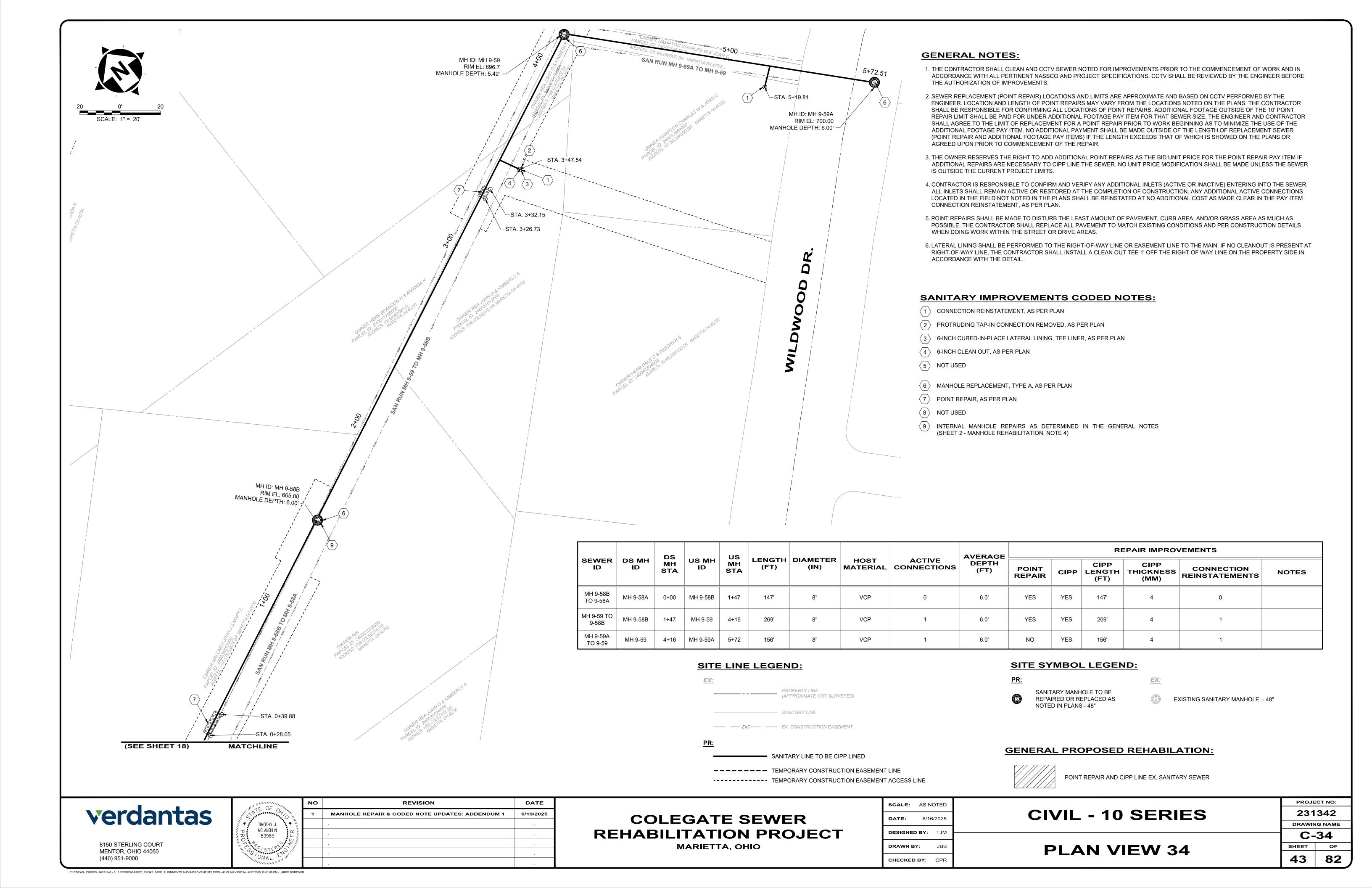
(440) 951-9000

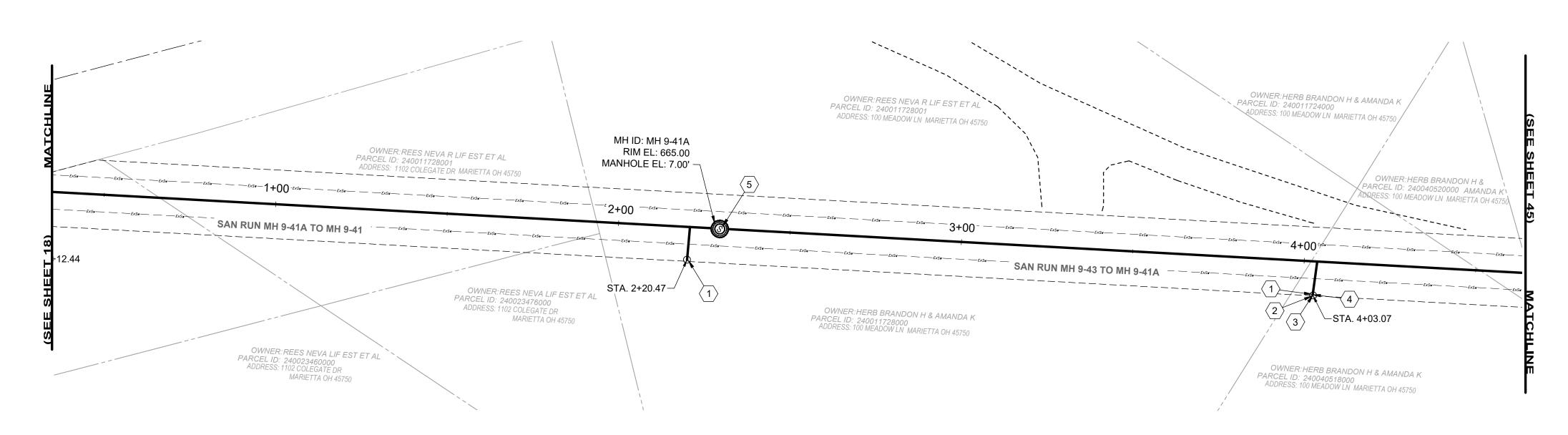


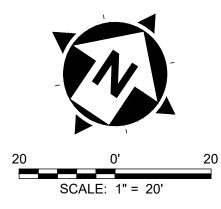
| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: AS NOTED | | PROJE | CT NO: |
|------------------------|-------------------|--------|---------|
| DATE: 6/16/2025 | CIVIL - 10 SERIES | 231 | 342 |
| DATE: 0/10/2023 | | DRAWIN | IG NAME |
| DESIGNED BY: TJM | | C- | 33 |
| DRAWN BY : JBB | PLAN VIEW 33 | SHEET | OF |
| CHECKED BY: CPR | I LAIA AILAA 22 | 42 | 82 |







- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- \langle 1 \rangle CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 NOT USED
- $\langle 7 \rangle$ NOT USED
- 8 NOT USED
- 9 NOT USED

| | | DS | | l le | US MH STA (FT) | | | ACTIVE CONNECTIONS | AVERAGE - DEPTH (FT) | | | RE | PAIR IMPRO | /EMENTS | |
|---------------------|-------------|-----------|-------------|------|----------------------|--------------------|-----|-----------------------|----------------------------|-----------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | | | I DIAMETER (IN) | | | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-41A TO 9-41 | MH 9-41 | 0+00 | MH 9-41A | 2+29 | 229' | 8" | VCP | 2 | 7.0' | NO | YES | 229' | 4 | 2 | |
| MH 9-43 TO 9-41A | MH 9-41A | 2+29 | MH 9-43 | 4+75 | 246' | 8" | VCP | 1 | 7.0' | NO | YES | 246' | 4 | 1 | |
| MH 9-60 TO 9-43 | | | | | | | | | | | | | | | REFERENCED ON SHEET 45 |

SITE LINE LEGEND:



SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

(440) 951-9000

8150 STERLING COURT MENTOR, OHIO 44060

| William OF | NO | REVISION | DATE |
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| SATE OF OY = | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | ТЈМ | |
| DRAWN B | Υ: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 35

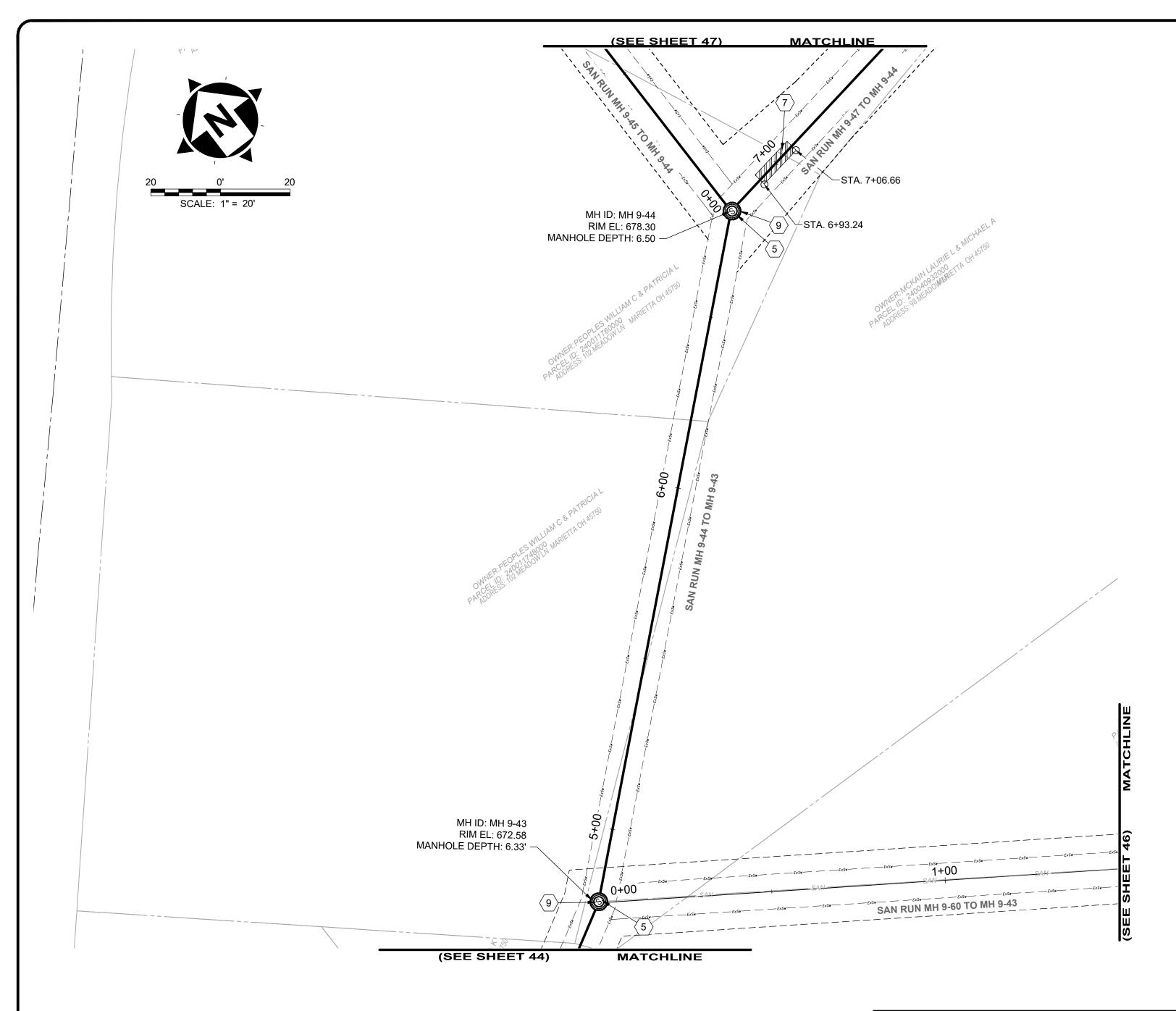
DRAWING NAME **C-35** SHEET 44

PROJECT NO:

231342

82

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 44 PLAN VIEW 35 - 6/17/2025 10:01:08 PM - JARED BORDNER



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

- $\langle 1 \rangle$ NOT USED
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

SITE SYMBOL LEGEND:

PR:

EX:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

S EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SITE LINE LEGEND:

PROPERTY LINE
(APPROXIMATE NOT SURVEYED)

SANITARY LINE

EXC EX. CONSTRUCTION EASEMENT

PR:

SANITARY LINE TO BE CIPP LINED

----- TEMPORARY CONSTRUCTION EASEMENT LINE
----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

| | | DS | | us | | | | | AVERAGE | | | R | REPAIR IMPROV | ZEMENTS | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-44 TO 9-43 | MH 9-43 | 4+75 | MH 9-44 | 6+77 | 202' | 8" | VCP | 0 | 6.5' | NO | YES | 202' | 4 | 0 | |
| MH 9-47 TO 9-44 | | | | | | | | | | | | | | | REFERENCED ON SHEET 47 |
| MH 9-45 TO 9-44 | | | | | | | | | | | | | | | REFERENCED ON SHEET 47 |
| MH 9-60 TO 9-43 | | | | | | | | | | | | | | | REFERENCED ON SHEET 46 |

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| <u>.</u> | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | TJM | |
| DRAWN B | Y: | JBB | |

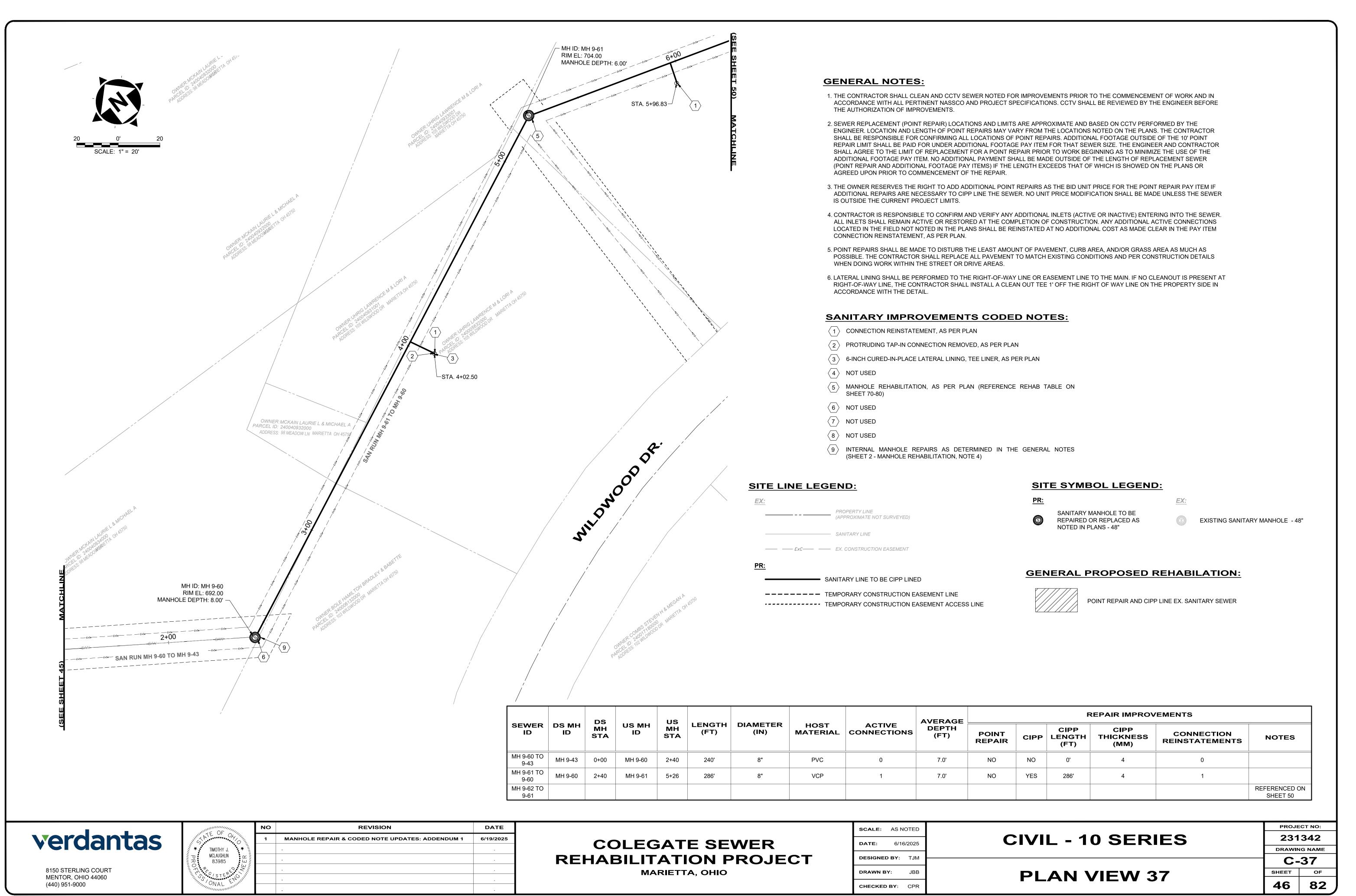
CHECKED BY: CPR

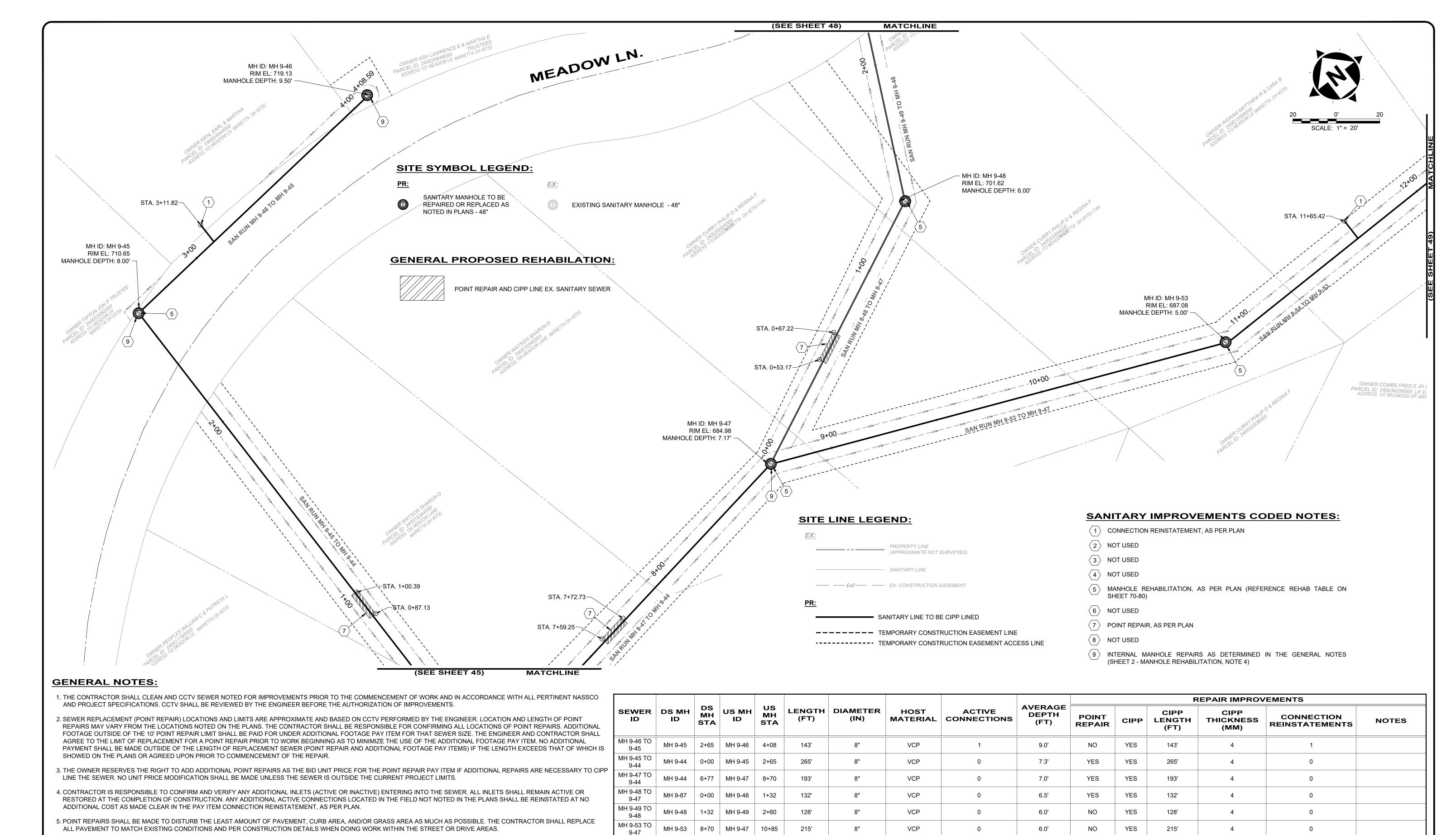
CIVIL - 10 SERIES

PLAN VIEW 36

45 82

PROJECT NO:





| 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF | | | E TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LIN DE IN ACCORDANCE WITH THE DETAIL. | IE, THE CONTRA | .CTOR |
|---|------------------|----|---|----------------|-------|
| | | NO | REVISION | DATE | |
| Wordantas | THIS ATE ON ON = | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 | |
| 7 GI MAII (AS | TIMOTHY J. * * = | | | | |

| WILL OF | NO | REVISION | DATE |
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| XATE OF OF | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| TIMOTHY J. | | | • |
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| ONAL ENIL | | | |

COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

10+85 MH 9-54 14+05

MH 9-54 TO

9-53

MH 9-53

| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | ТЈМ | |
| DRAWN B | Y: | JBB | |

CHECKED BY: CPR

VCP

CIVIL - 10 SERIES

NO

6.0'

YES

320'

PLAN VIEW 38

231342

DRAWING NAME

C-38

SHEET OF

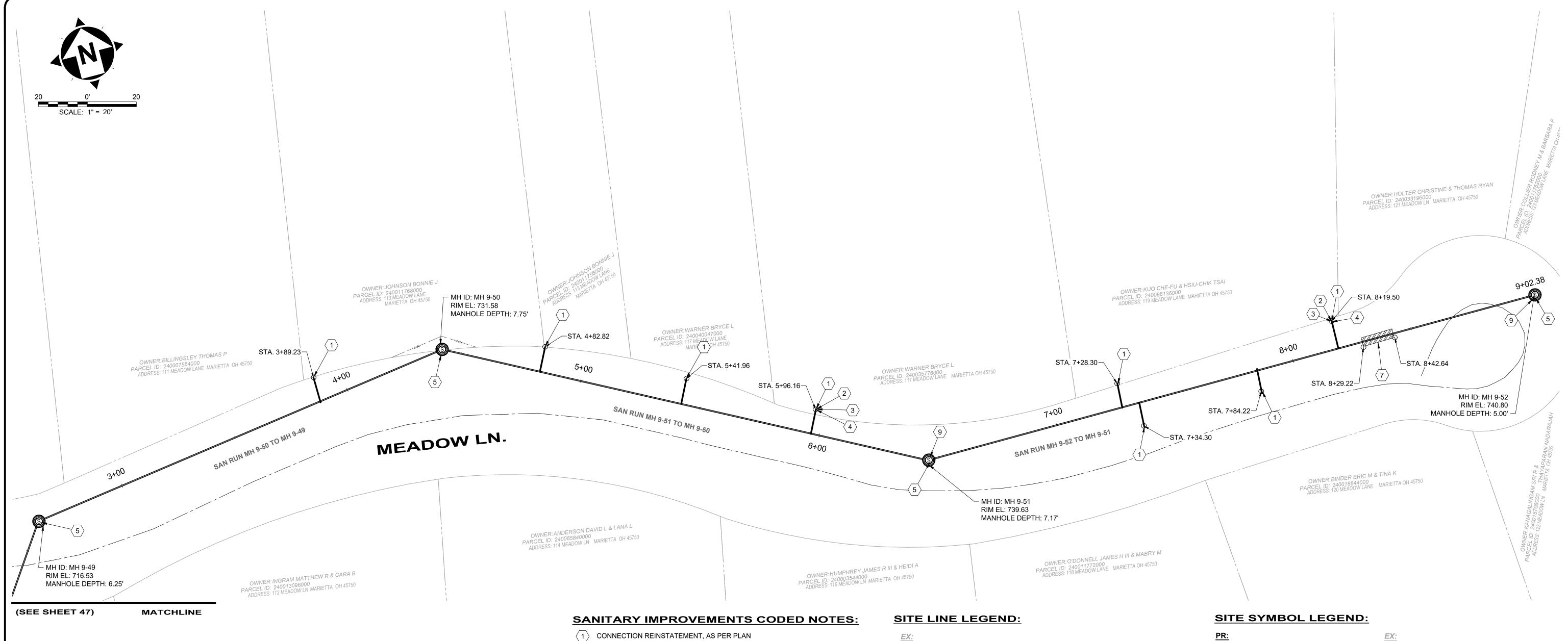
47 82

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 47 PLAN VIEW 38 - 6/17/2025 10:01:08 PM - JARED BORDNER

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

- ⟨ 1 ⟩ CONNECTION REINSTATEMENT, AS PER PLAN
- (2) PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- $\overline{\langle 7 \rangle}$ POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

PROPERTY LINE (APPROXIMATE NOT SURVEYED) —— SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE SANITARY MANHOLE TO BE

REPAIRED OR REPLACED AS

NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

| | | DS | | us | | | | | AVERAGE | | CIPP | EPAIR IMPRO | VEMENTS | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-50 TO 9-49 | MH 9-49 | 2+66 | MH 9-50 | 4+40 | 174' | 8" | VCP | 1 | 7.0' | NO | YES | 174' | 4 | 1 | |
| MH 9-51 TO 9-50 | MH 9-50 | 4+40 | MH 9-51 | 6+42 | 202' | 8" | VCP | 3 | 7.0' | NO | YES | 202' | 4 | 3 | |
| MH 9-52 TO | MH 9-51 | 6+42 | MH 9-52 | 9+02 | 260' | 8" | VCP | 4 | 6.0' | YES | YES | 260' | 4 | 4 | |

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8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



REVISION NO DATE MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 6/19/2025

COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

SCALE: AS NOTED **DATE:** 6/16/2025 DESIGNED BY: TJM DRAWN BY: JBB CHECKED BY: CPR

CIVIL - 10 SERIES

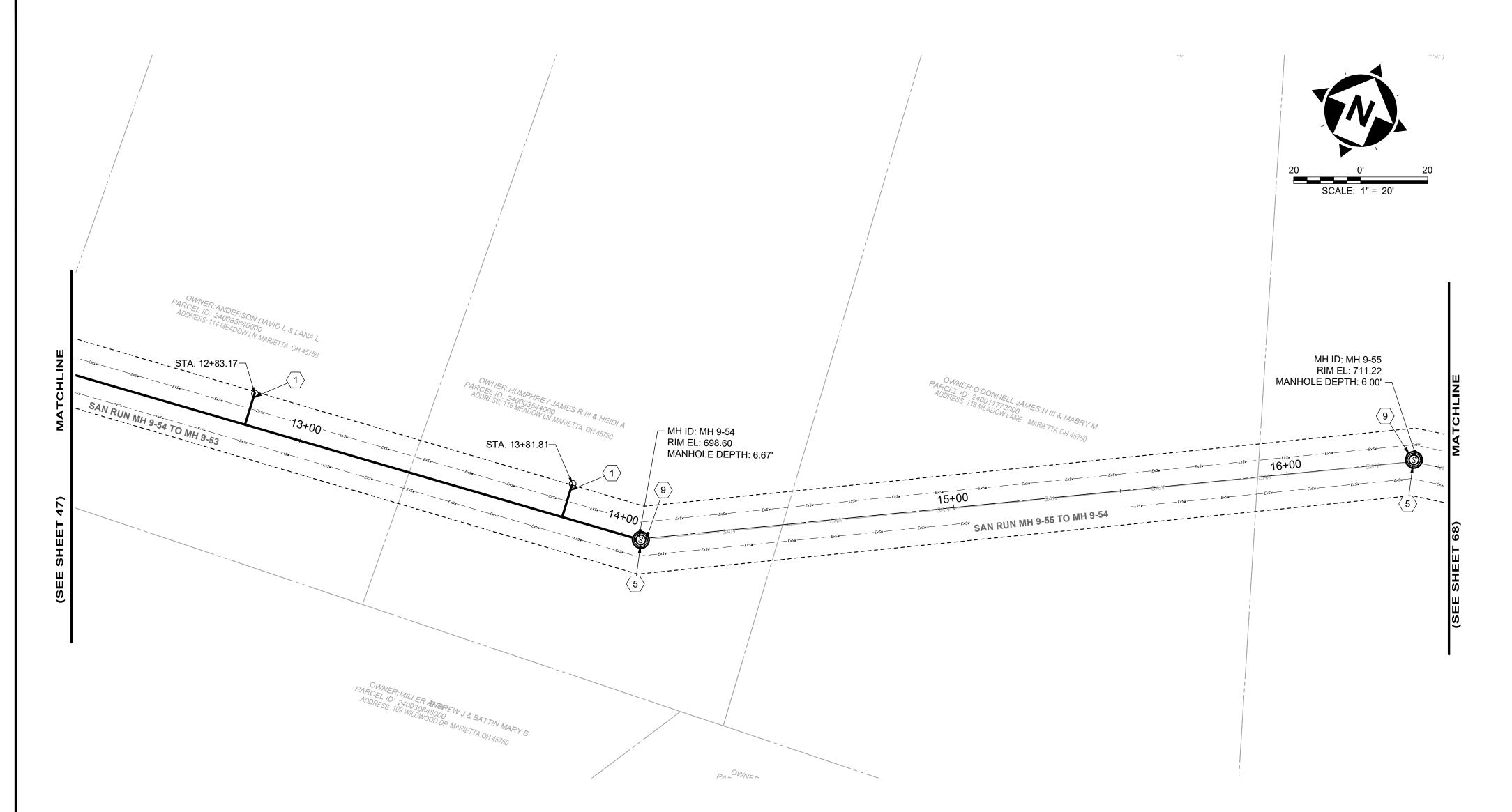
231342 DRAWING NAME **C-39** SHEET

48

PROJECT NO:

82

PLAN VIEW 39



SANITARY IMPROVEMENTS CODED NOTES:

1 CONNECTION REINSTATEMENT, AS PER PLAN

2 NOT USED

(3) NOT USED

4 NOT USED

(5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON

(6) NOT USED

 $\langle 7 \rangle$ NOT USED

(8) NOT USED

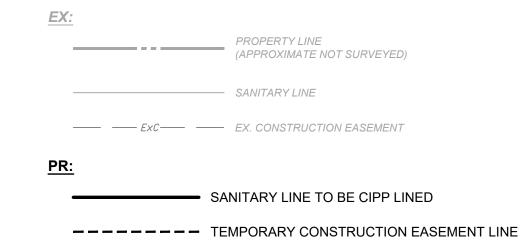
(9) INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

| | | DS | | us | | | | | (FI) ' | REPAIR IMPROVEMENTS ERAGE | | | | | |
|--------------------|-------------|-----------------|-------------|-----------------|------|------------------|------------------|-----------------------|--------|---------------------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | US MH STA | (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-54 TO 9-53 | | | | | | | | | | | | | | | REFERENCED ON SHEET 47 |

SITE LINE LEGEND:



----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE

REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

© EXISTING SANITARY MANHOLE - 48"

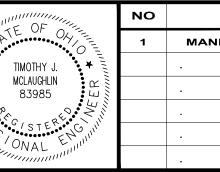
GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | TJM | |
| DRAWN B | Y: | JBB | |

CHECKED BY: CPR

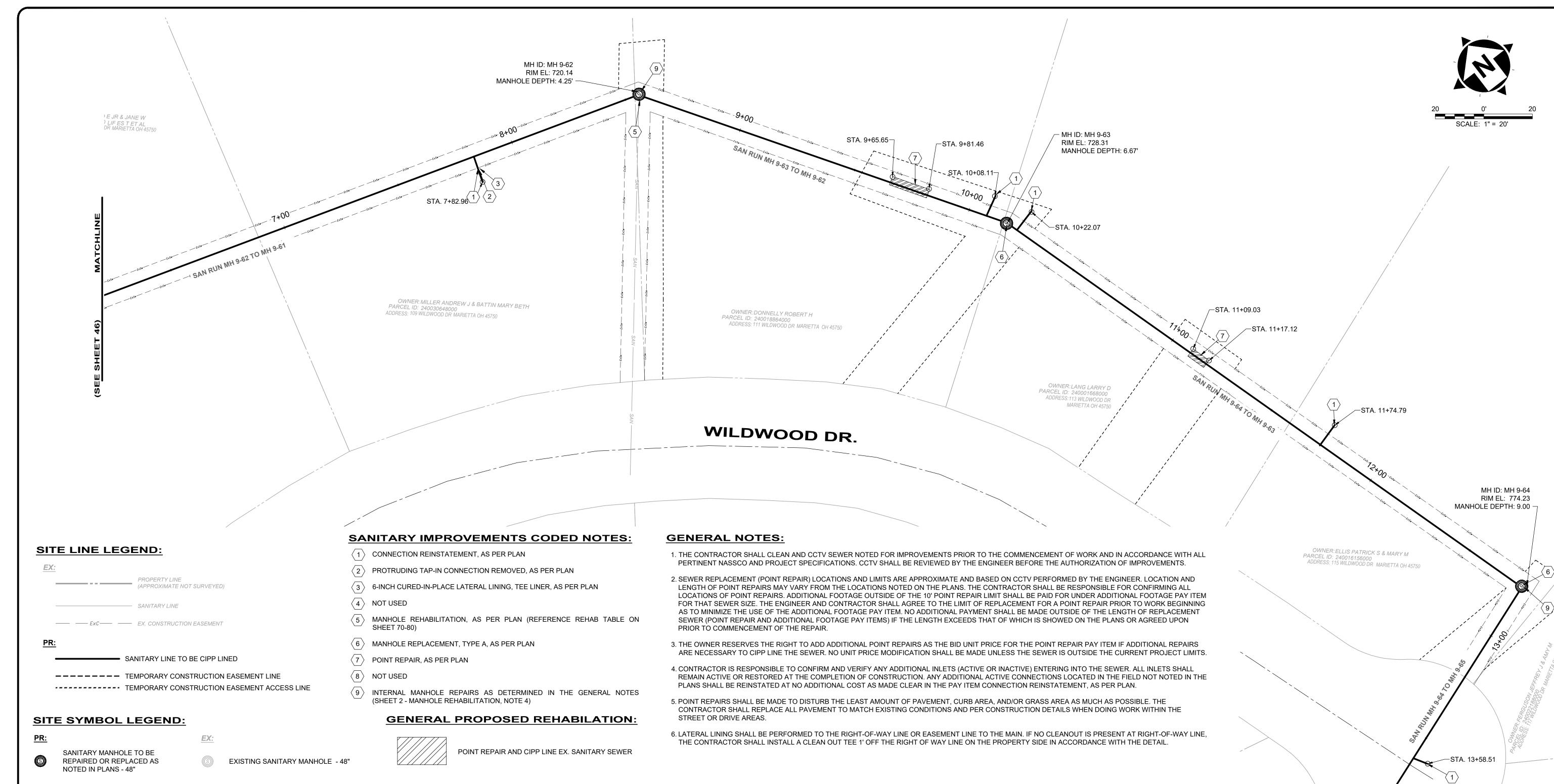
CIVIL - 10 SERIES

DRAWING NAME **PLAN VIEW 40** SHEET 49

PROJECT NO:

231342

C-40



| | | DS | | us | LENGTH | | | | | | | AVERAGE | | REPAIR IMPROVEMENTS | | | | | |
|--------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|---------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|--|--|--|--|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | | | | |
| MH 9-62 TO 9-61 | MH 9-61 | 5+26 | MH 9-62 | 8+57 | 331' | 8" | VCP | 2 | 6.0' | NO | YES | 331' | 4 | 2 | | | | | |
| MH 9-63 TO 9-62 | MH 9-62 | 8+57 | MH 9-63 | 10+17 | 160" | 8" | VCP | 1 | 5.0' | YES | YES | 160" | 4 | 1 | | | | | |
| MH 9-64 TO 9-63 | MH 9-63 | 10+17 | MH 9-64 | 12+78 | 261' | 8" | VCP | 2 | 8.0' | YES | YES | 261' | 4 | 2 | | | | | |
| MH 9-65 TO 9-64 | MH 9-64 | 12+78 | MH 9-65 | 13+86 | 108' | 8" | VCP | 1 | 7.5' | NO | YES | 108' | 4 | 1 | | | | | |



8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS N | IOTED | |
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| DRAWN B | Y: | JBB | |
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CIVIL - 10 SERIES

PLAN VIEW 41

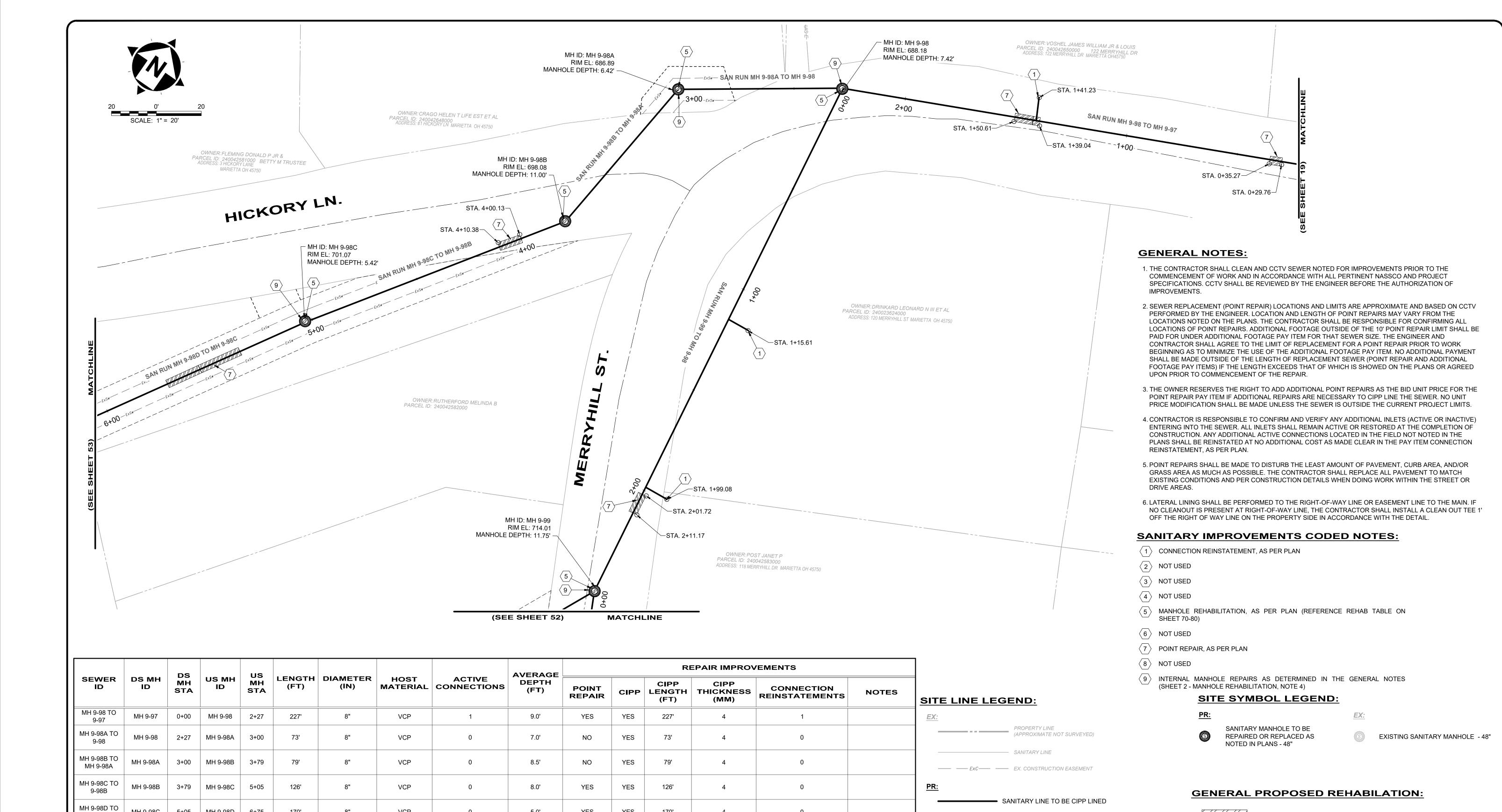
MH ID: MH 9-65 RIM EL: 776.87

MANHOLE DEPTH: 6.17' -

231342 DRAWING NAME C-41 SHEET **50 82**

PROJECT NO:

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 50 PLAN VIEW 41 - 6/17/2025 10:01:08 PM - JARED BORDNER



5+05

0+00

MH 9-98D

MH 9-99

6+75

2+48

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

MH 9-98C

MH 9-98

9-98C

MH 9-99 TO

9-98



170'

248'

| _ | NO | REVISION | DATE |
|--------------------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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| المارين المارين | | | |
| | | | - |

5.0'

9.0'

YES

YES

YES

YES

170'

248'

VCP

VCP

COLEGATE SEWER REHABILITATION PROJECT

0

2

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | TJM | |
| DRAWN B | Υ: | JBB | |

CHECKED BY: CPR

---- TEMPORARY CONSTRUCTION EASEMENT LINE

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

CIVIL - 10 SERIES

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

PLAN VIEW 42

| PROJE | CT NO: | | | | |
|--------------|------------|--|--|--|--|
| 231 | 342 | | | | |
| DRAWING NAME | | | | | |
| C- | 42 | | | | |
| CHEET | C E | | | | |

82

51

C:\CT\CAD\ DRIVES\ H\231342 - 6.16.25\DWG\BASE\C 231342 BASE ALIGNMENTS AND IMPROVEMENTS.DWG - 51 PLAN VIEW 42 - 6/17/2025 10:01:08 PM - JARED BORDNEI

SITE LINE LEGEND: EX: PROPERTY LINE (APPROXIMATE NOT SURVEYED) SANITARY LINE EX: EX: PROPERTY LINE (APPROXIMATE NOT SURVEYED) SANITARY LINE EX: PROPERTY LINE SANITARY LINE TEMPORARY CONSTRUCTION EASEMENT LINE TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

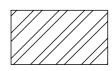
PR:

EX:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SANITARY IMPROVEMENTS CODED NOTES:

1 CONNECTION REINSTATEMENT, AS PER PLAN

2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN

(3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN

4 NOT USE

MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)

 $\langle 6 \rangle$ NOT USE

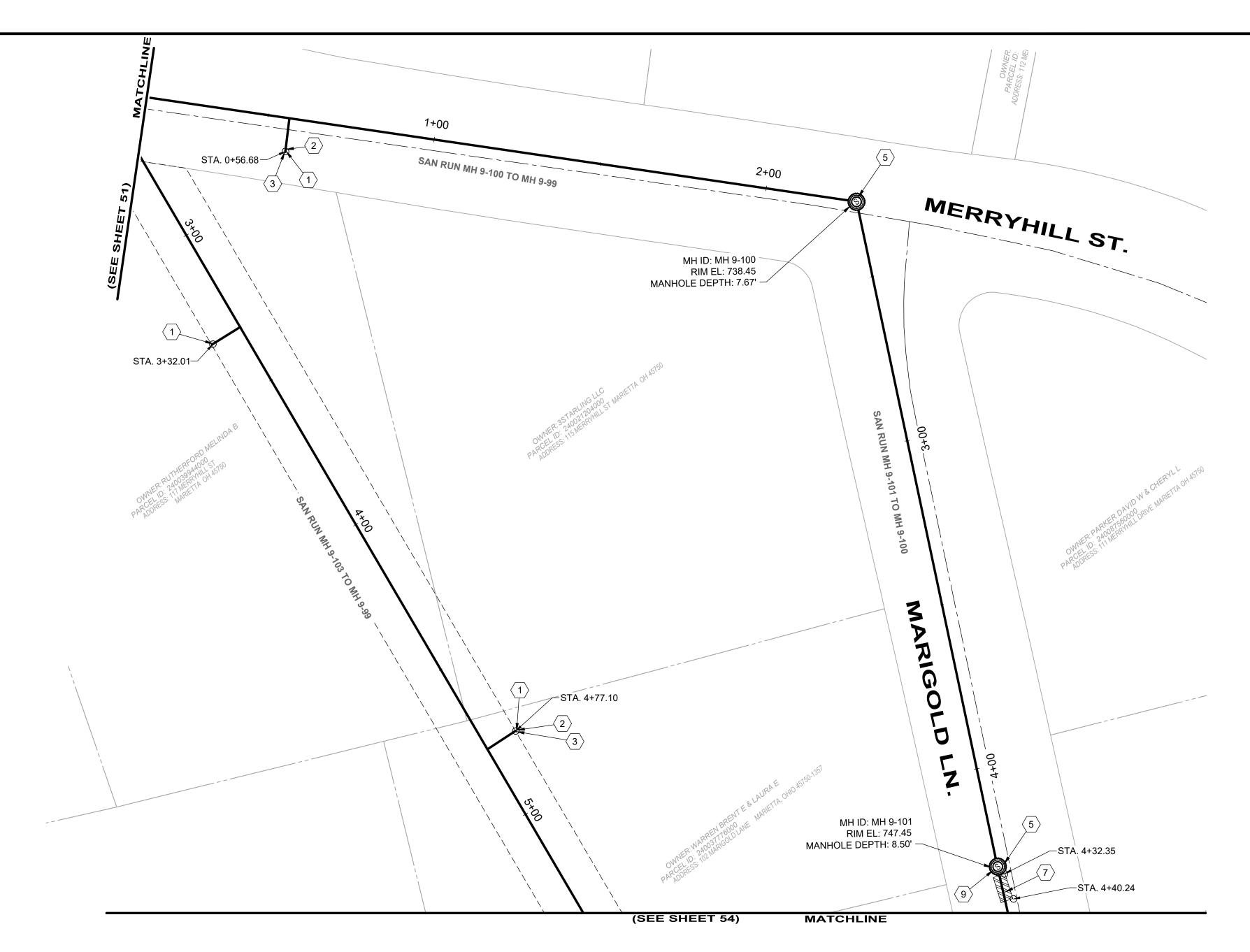
7 POINT REPAIR, AS PER PLAN

8 NOT USED

9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL NOTES:

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| | | DS | | 116 | | DIAMETER (IN) | | ACTIVE | AVERAGE | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------|-------------|-----------------|------------|------------------|-----|--------|---------|---------------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | US MH STA | H LENGIR | | | | DEPTH | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-103 TO 9-99 | MH 9-99 | 2+48 | MH 9-103 | 5+75 | 327' | 8" | VCP | 3 | 10.0' | NO | YES | 324' | 4 | 3 | |
| MH 9-100 TO 9-99 | MH 9-99 | 0+00 | MH 9-100 | 2+25 | 225' | 8" | VCP | 1 | 8.0' | NO | YES | 225' | 4 | 1 | |
| MH 9-101 TO 9-100 | MH 9-100 | 2+25 | MH 9-101 | 4+26 | 201' | 8" | VCP | 0 | 8.0' | NO | YES | 201' | 4 | 0 | |
| MH 9-102 TO 9-101 | | | | | | | | | | | | | | | REFERENCED ON SHEET 54 |

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| 0k1= | NO | REVISION | DATE |
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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|---------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | TJM | |
| DRAWN B | SY: | JBB | |
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CHECKED BY: CPR

CIVIL - 10 SERIES

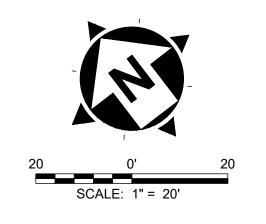
231342

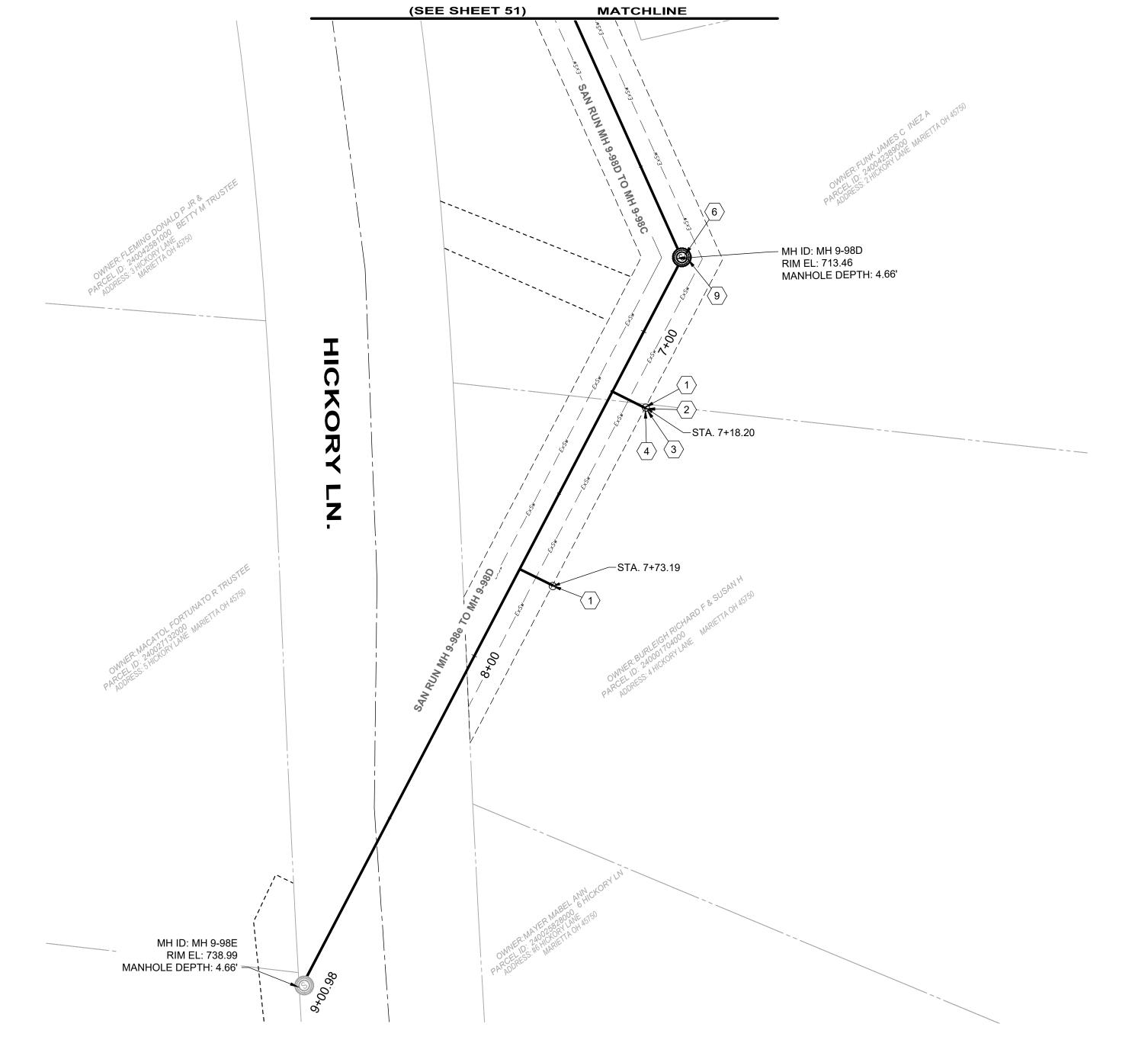
DRAWING NAME

C-43

PLAN VIEW 43

52





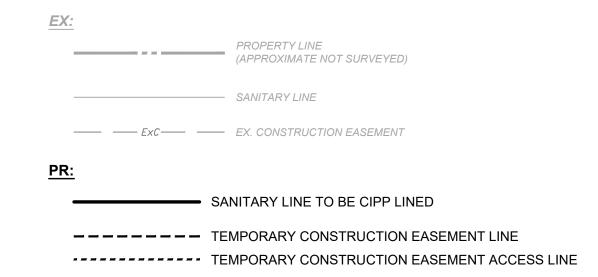
| | | DS MH STA | US MH ID | us | JS MH (FT) | | | ACTIVE L CONNECTIONS | ACTIVE AVERAGE DEPTH (FT) | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------------|-------------|-----------|------------------|----|------------------|-------------------------|---------------------------|---------------------|------------------------|---------------------------|------------------------------|---------------------------|--|
| SEWER ID | DS MH ID | | | MH STA | | | HOST MATERIAL | | | POINT REPAIR | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-98D TO 9-98C | | | | | | | | | | | | | | REFERENCED ON SHEET 51 | |
| MH 9-98E TO 9-98D | MH 9-98D | 6+75 | MH 9-98E | 9+00 | 225' | 8" | VCP | 2 | 4.5' | NO | YES 225' | 4 | 2 | | |

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- (5) MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

SITE LINE LEGEND:



SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

| THE OF | NO | REVISION | DATE |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: AS NOTED | |
|------------------------|--|
| DATE: 6/16/2025 | |
| DESIGNED BY: TJM | |
| DRAWN BY: JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

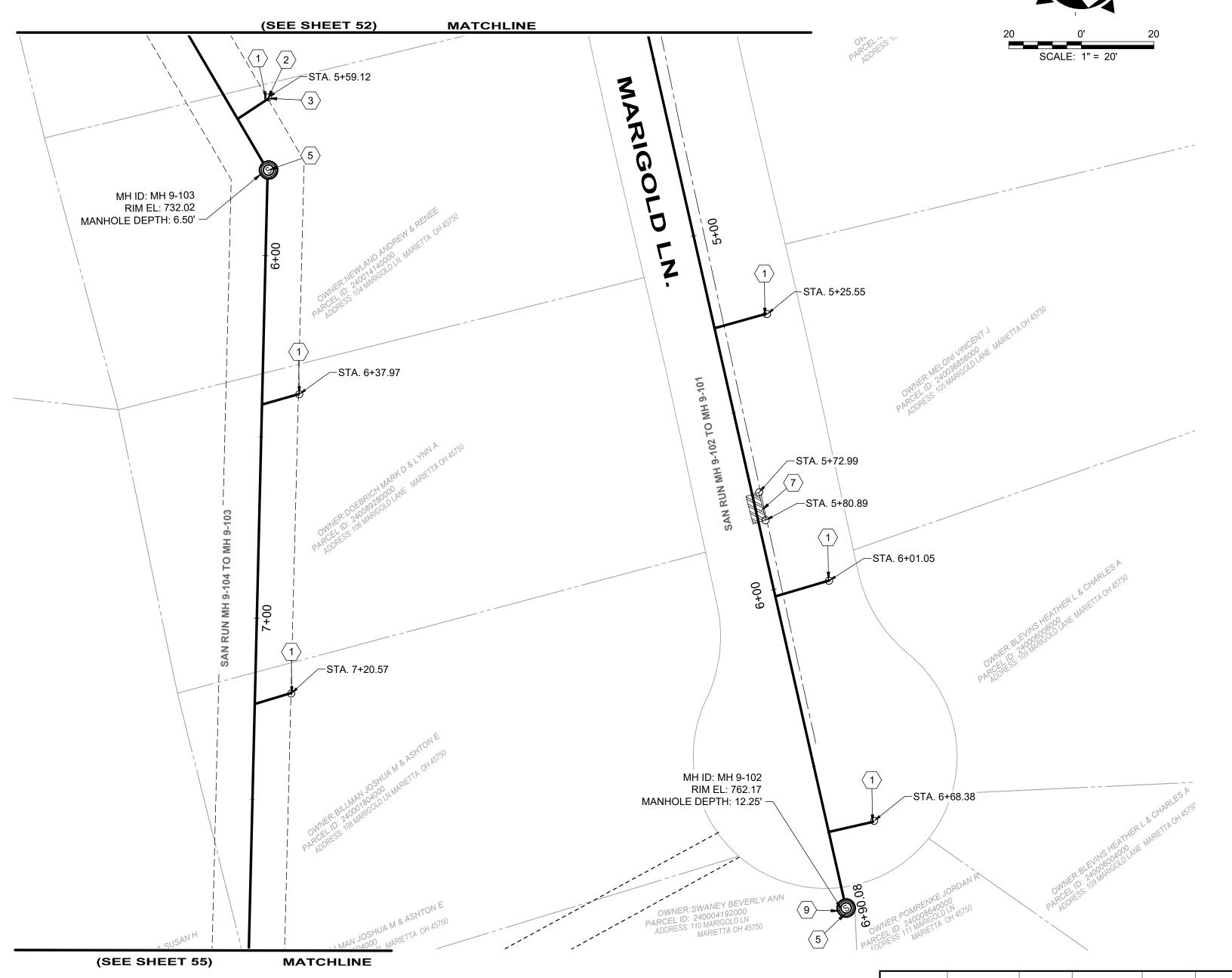
231342 DRAWING NAME **C-44** SHEET

82

53

PROJECT NO:

PLAN VIEW 44



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- $\langle 2 \rangle$ PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 MANHOLE REHABILITATION, NOTE 4)

SITE SYMBOL LEGEND:

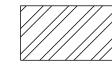
NOTED IN PLANS - 48"

<u>R:</u>

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

SITE LINE LEGEND:

PROPERTY LINE
(APPROXIMATE NOT SURVEYED)

SANITARY LINE

EXC EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE
----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

| | | DC | | us | | | | | | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------------|-------------|-----------|----------------|------------------|------------------|-----------------------|-------|---------------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | DS MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-103 TO 9-99 | | | | | | | | | | | | | | | REFERENCED ON SHEET 52 |
| MH 9-104 TO 9-103 | MH 9-103 | 5+75 | MH 9-104 | 8+30 | 255' | 8" | VCP | 2 | 10.0' | NO | YES | 255' | 4 | 2 | |
| MH 9-102 TO 9-101 | MH 9-101 | 4+26 | MH 9-102 | 6+90 | 264' | 8" | VCP | 3 | 10.0' | YES | YES | 264' | 4 | 3 | |

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| . 111 | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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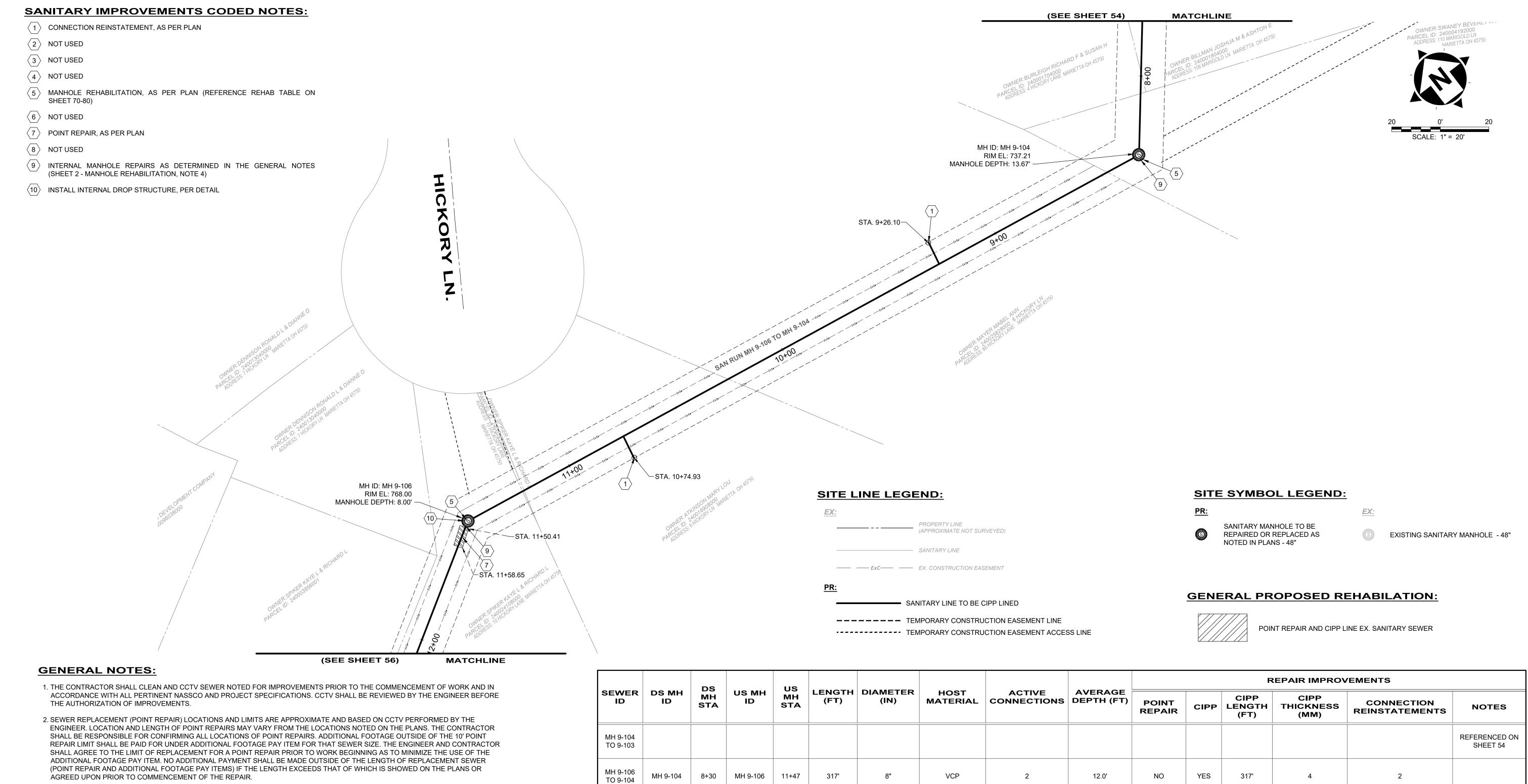
COLEGATE SEWER
REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|---------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | TJM | |
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CHECKED BY: CPR

| CIVIL - 10 SERIES PLAN VIEW 45 | _ | 231342 DRAWING NA | |
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| | C-45 | | |
| | | C | |
| PLAN VIEW 45 | 54 | 8 | |



- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

| REPAIR IMPRO | | | | | | | REPAIR IMPROV | /EMENTS | | | | | | | |
|----------------------|-------------|-----------|-------------|-----------|--------------|----|---------------|-----------------------|-------|-----------------|------|------------------------|---------------------------|------------------------------|---------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | (FT) DIAMETE | | | ACTIVE CONNECTIONS | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-104 TO 9-103 | | | | | | | | | | | | | | | REFERENCED ON SHEET 54 |
| MH 9-106 TO 9-104 | MH 9-104 | 8+30 | MH 9-106 | 11+47 | 317' | 8" | VCP | 2 | 12.0' | NO | YES | 317' | 4 | 2 | |
| MH 9-107 TO 9-106 | | | | | | | | | | | | | | | REFERENCED ON SHEET 56 |

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| | NO | REVISION | DATE |
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| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS N | OTED | |
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| DATE: | 6/16 | | |
| DESIGNEI | TJM | | |
| DRAWN B | JBB | | |

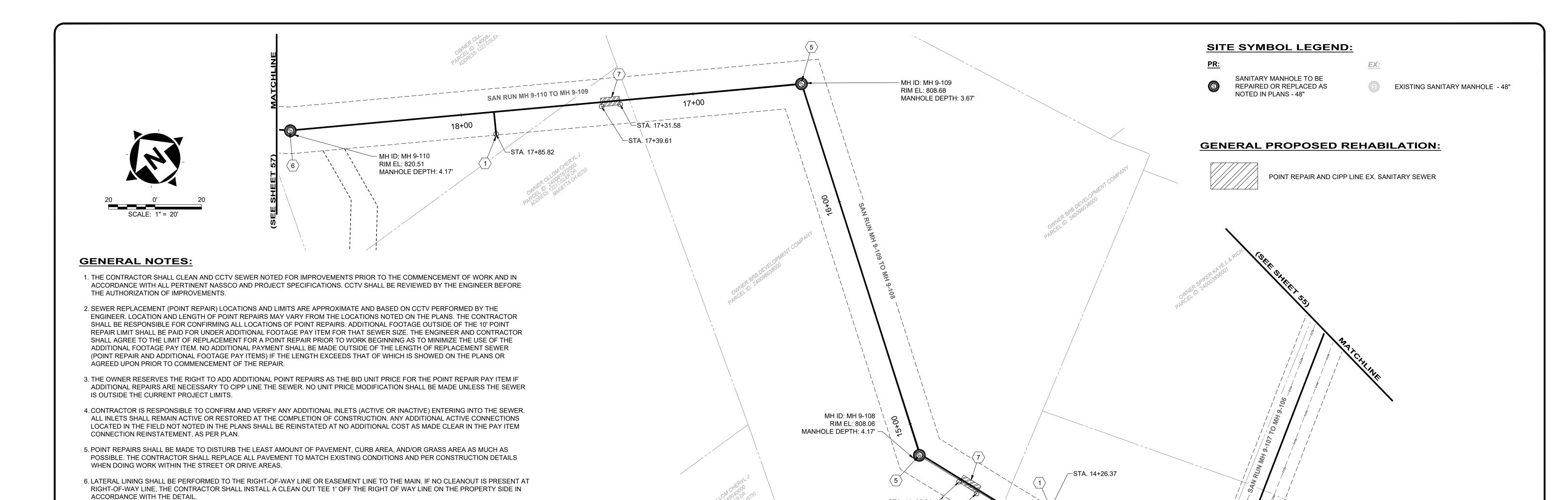
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| CIVIL | - 10 SERIES | |
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| | | |

PLAN VIEW 46

231342 DRAWING NAME C-46 SHEET **55 82**

PROJECT NO:



STA. 14+65.84-

STA. 14+56.81-

SANITARY IMPROVEMENTS CODED NOTES:

- 1 CONNECTION REINSTATEMENT, AS PER PLAN
- 2 NOT USE
- (3) NOT USED
- $\langle \overline{4} \rangle$ NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 NOT USED

SITE LINE LEGEND:



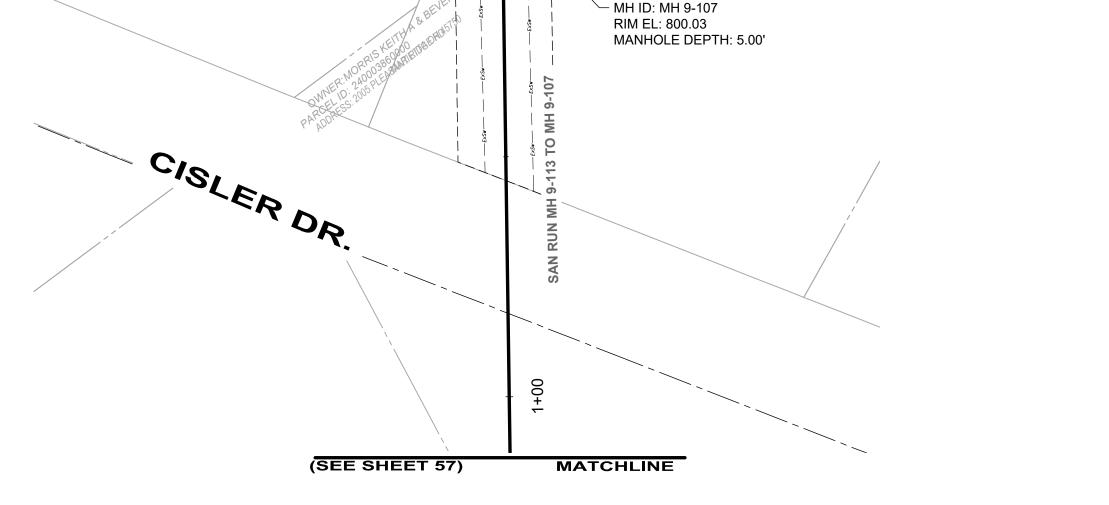
SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE
----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

DATE

6/19/2025

| | | DS | | II.e | | | | | | REPAIR IMPROVEMENTS | | | | | |
|----------------------|-------------|-----------|-------------|-----------------|----------------|------------------|------------------|-----------------------|-----------------------|---------------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-110 TO 9-109 | MH 9-109 | 16+56 | MH 9-110 | 18+73 | 217' | 8" | VCP | 1 | 4.0' | YES | YES | 217' | 4 | 1 | |
| MH 9-109 TO 9-108 | MH 9-108 | 14+90 | MH 9-109 | 16+56 | 166' | 8" | VCP | 0 | 4.0' | NO | YES | 166' | 4 | 0 | |
| MH 9-108 TO 9-107 | MH 9-107 | 13+41 | MH 9-108 | 14+90 | 149' | 8" | VCP | 1 | 5.5' | YES | YES | 149' | 4 | 1 | |
| MH 9-113 TO 9-107 | MH 9-107 | 0+00 | MH 9-113 | 1+17 | 117' | 8" | VCP | 0 | 8.0' | NO | YES | 117' | 4 | 0 | |
| MH 9-107 TO 9-106 | MH 9-106 | 11+47 | MH 9-107 | 13+41 | 194' | 8" | VCP | 0 | 6.5' | YES | YES | 194' | 4 | 0 | |



verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | IOTED | |
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| DATE: | 6/16 | 6/2025 | |
| DESIGNED | D BY: | TJM | |
| DRAWN B | Y: | JBB | |
| CHECKED | BY: | CPR | |

CIVIL - 10 SERIES

231342

DRAWING NAME

C-47

SHEET OF

56 82

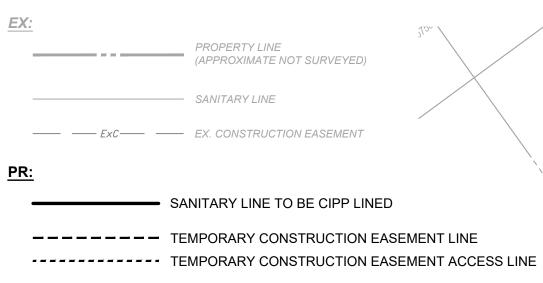
| | | DS | | us | | | _ | | | REPAIR IMPROVEMENTS | | | | EMENTS | |
|----------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|-----------------------|---------------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-112 TO 9-111 | MH 9-111 | 20+00 | MH 9-112 | 21+81 | 181' | 8" | VCP | 0 | 4.5' | NO | YES | 181' | 4 | 0 | |
| MH 9-111 TO 9-110 | MH 9-110 | 18+73 | MH 9-111 | 20+00 | 127' | 8" | VCP | 1 | 4.5' | NO | YES | 127' | 4 | 1 | |
| MH 9-115 TO 9-114 | MH 9-114 | 3+61 | MH 9-115 | 6+26 | 265' | 8" | VCP | 0 | 7.5' | YES | YES | 265' | 4 | 0 | |

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
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(SEE SHEET 56)

MATCHLINE





CISLER DR.

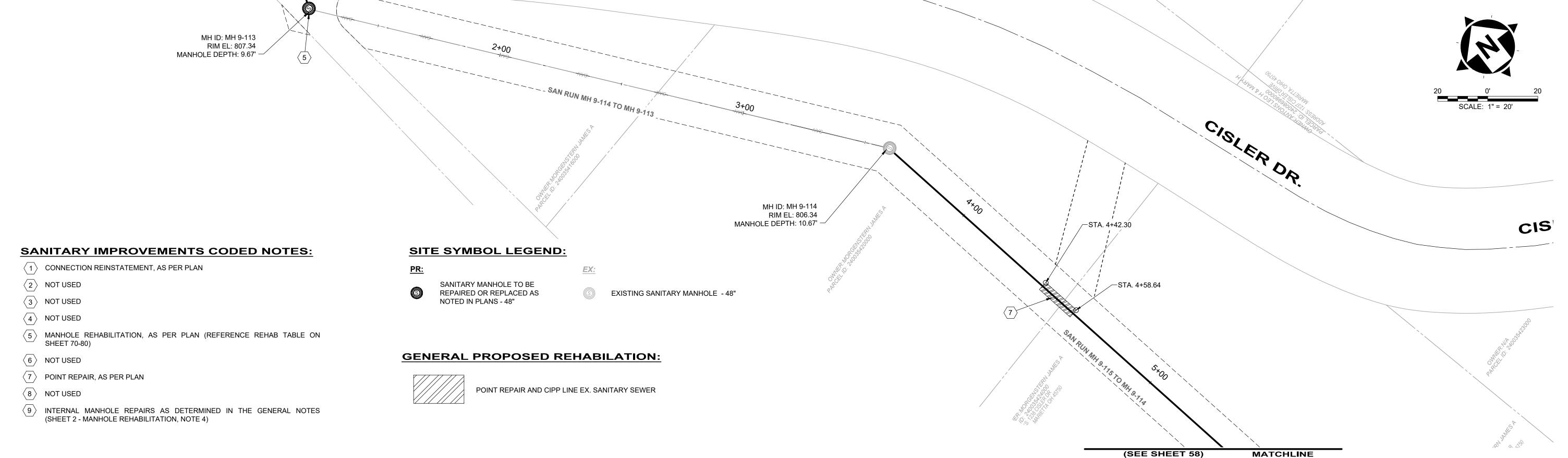
OWNER: CEMETERY-JEWISH-B'NAI ISRAEL CONGREGATION

SAN RUN MH 9-111 TO MH 9-110

STA. 19+04.43-

MH ID: MH 9-111 RIM EL: 829.94

MANHOLE DEPTH: 4.67'



MH ID: MH 9-112

MANHOLE DEPTH: 4.58'

RIM EL: 833.42

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: AS | NOTED | | | | | | | | | | |
|--------------|-------------------------|--|--|--|--|--|--|--|--|--|--|
| DATE: 6/ | DATE : 6/16/2025 | | | | | | | | | | |
| DESIGNED BY: | : TJM | | | | | | | | | | |
| DRAWN BY: | JBB | | | | | | | | | | |
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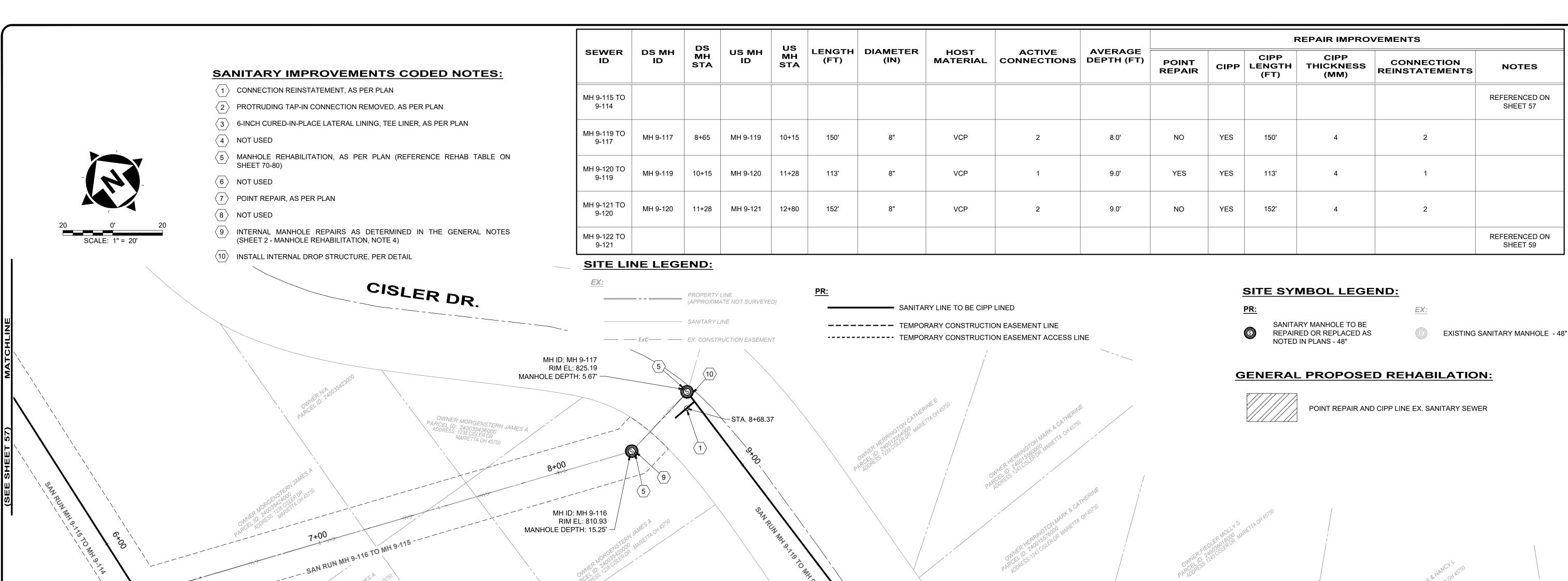
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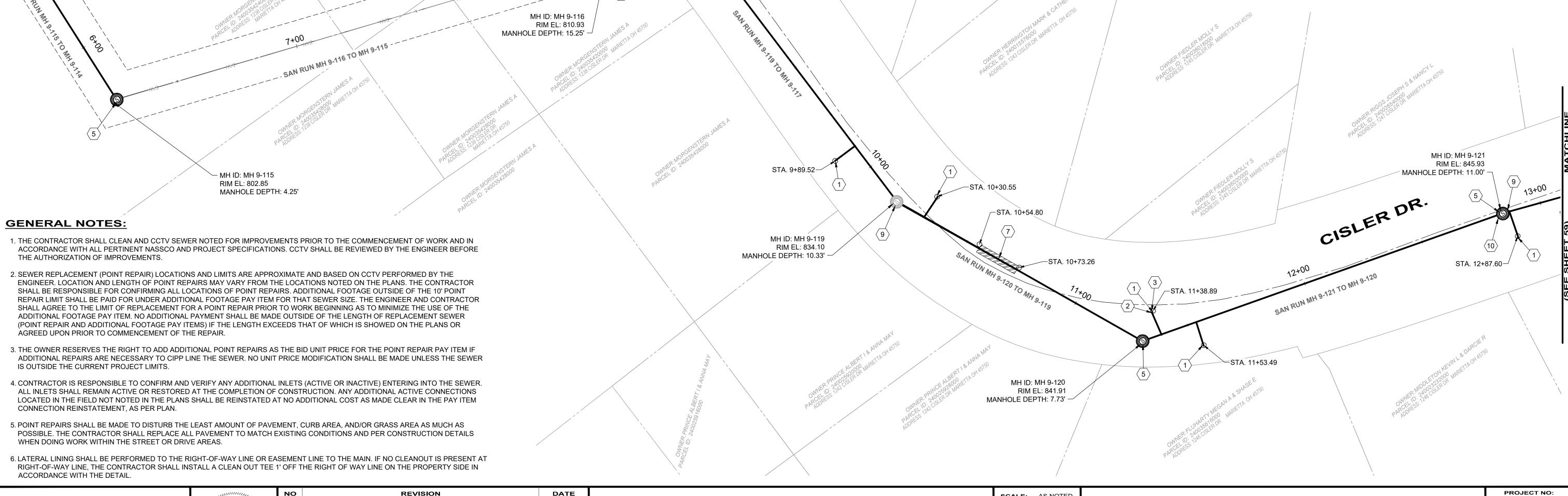
CIVIL - 10 SERIES PLAN VIEW 48

231342 DRAWING NAME C-48 SHEET **57**

82

PROJECT NO:





Verdantas
8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| _ | NO | REVISION | DATE |
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| 11111 | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | IOTED | |
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| DATE: | 6/16 | 6/2025 | |
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| CHECKED | BY: | CPR | |

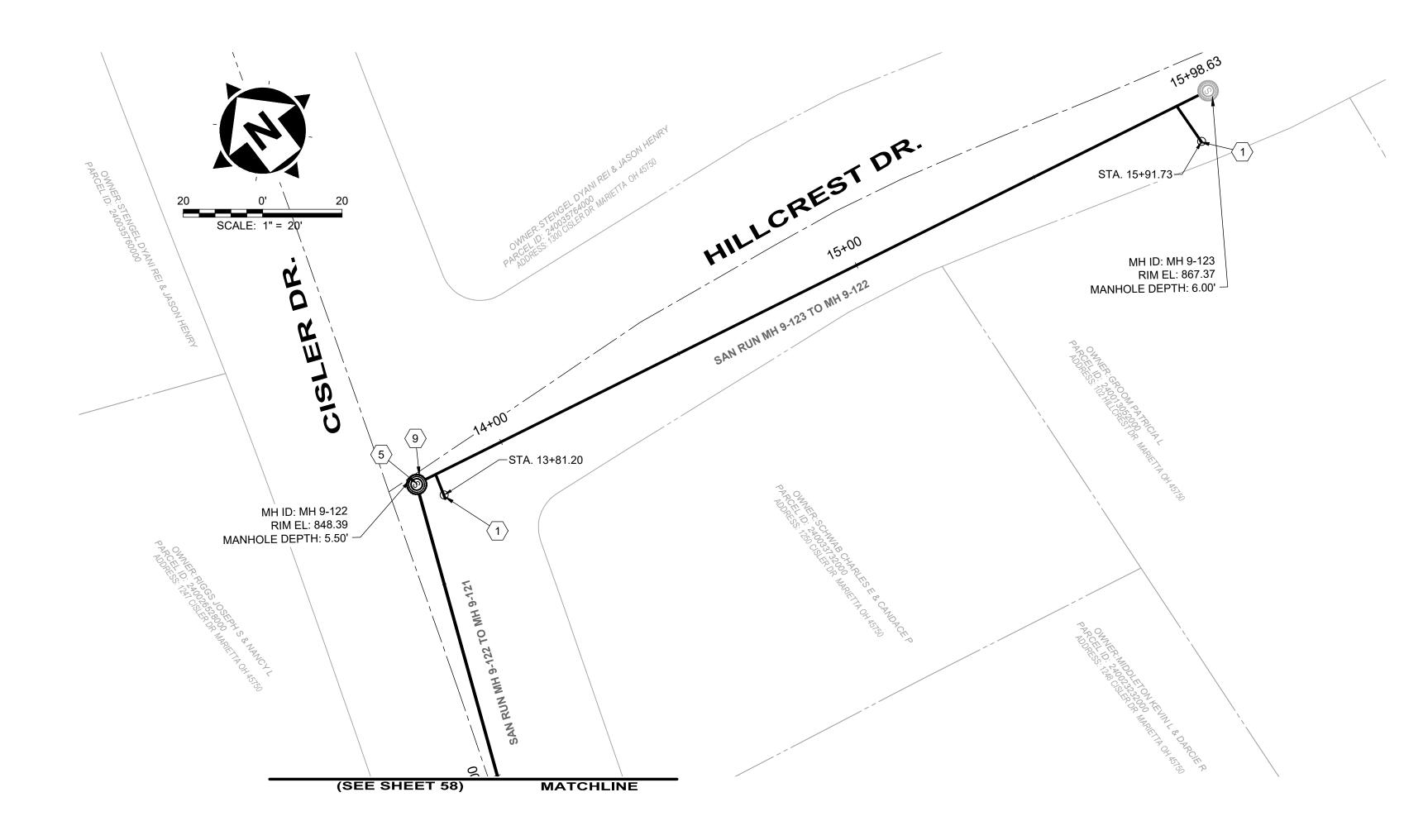
CIVIL - 10 SERIES

PLAN VIEW 49

C-49

SHEET OF

58 82



| | DS MH ID | DS MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | REPAIR IMPROVEMENTS | | | | | | |
|----------------------|-------------|-----------------|-------------|-----------------|----------------|------------------|------------------|-----------------------|--------------------|---------------------|------|------------------------|---------------------------|------------------------------|-------|--|
| SEWER ID | | | | | | | HOST MATERIAL | | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-122 TO 9-121 | MH 9-121 | 12+80 | MH 9-122 | 13+78 | 98' | 8" | VCP | 1 | 8.0' | NO | YES | 98' | 4 | 1 | | |
| MH 9-123 TO 9-122 | MH 9-122 | 13+78 | MH 9-123 | 15+98 | 220' | 8" | VCP | 2 | 5.8' | NO | YES | 220' | 4 | 2 | | |

SANITARY IMPROVEMENTS CODED NOTES:

1 CONNECTION REINSTATEMENT, AS PER PLAN

2 NOT USED

3 NOT USED

4 NOT USED

MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)

6 NOT USED

7 NOT USED

8 NOT USED

NOT USED

9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SITE LINE LEGEND:

PROPERTY LINE (APPROXIMATE NOT SURVEYED) SANITARY LINE EXC EX. CONSTRUCTION EASEMENT PR:

SANITARY LINE TO BE CIPP LINED

----- TEMPORARY CONSTRUCTION EASEMENT LINE

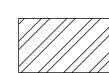
TEMPORARY CONSTRUCTION EASEMENT LINE
TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

SANITARY MANHOLE - 48"

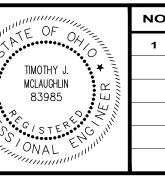
GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
|---|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | | | | | |
|-------------------------|-------|------|--|--|--|--|--|
| DATE : 6/16/2025 | | | | | | | |
| DESIGNEI | D BY: | TJM | | | | | |
| DRAWN B | JBB | | | | | | |

CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 50

C-50
SHEET OF

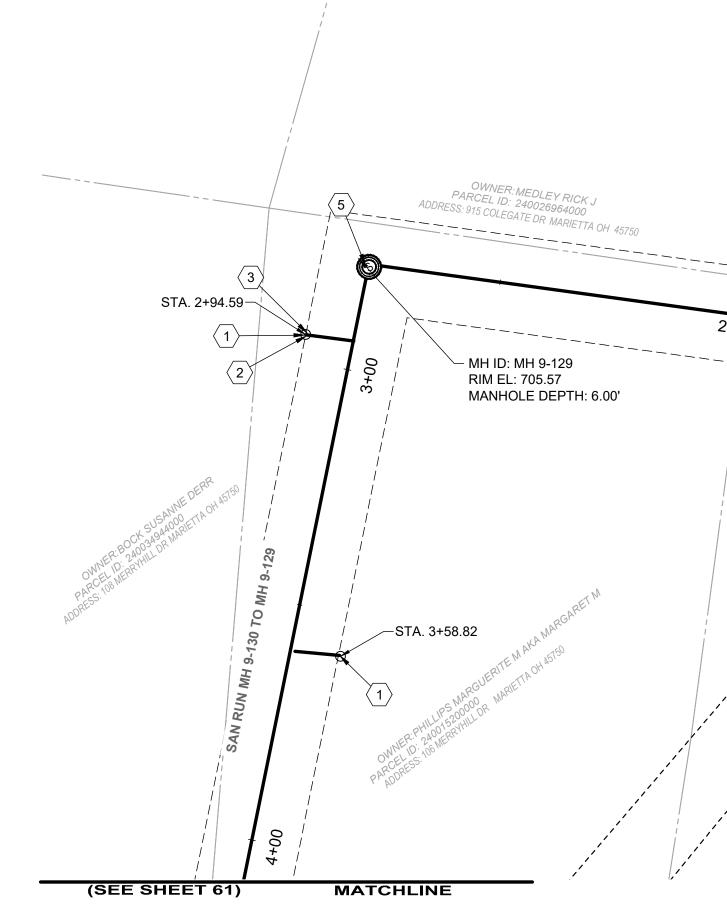
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PROJECT NO:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- $\langle 2 \rangle$ PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- (6) MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)



| | | DS | | 116 | | | | | | | | R | EPAIR IMPRO | VEMENTS | EMENTS | |
|----------------------|-------------|-----------|-------------|-----------------|----------------|------------------|------------------|-----------------------|-----------------------|-----------------|------|------------------------|---------------------------|------------------------------|--------------------------|--|
| SEWER ID | DS MH ID | MH STA | US MH ID | US MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | |
| MH 9-134 TO 9-128 | MH 9-128 | 1+00 | MH 9-134 | 2+24 | 124' | 8" | VCP | 1 | 8' | YES | YES | 124' | 4 | 1 | | |
| MH 9-135 TO 9-134 | | | | | | | | | | | | | | | REFERENCED (SHEET 62 | |
| MH 9-129 TO 9-128 | MH 9-130 | 0+00 | MH 9-129 | 2+74 | 274' | 8" | VCP | 1 | 8' | YES | YES | 274' | 4 | 1 | | |
| MH 9-130 TO 9-129 | MH 9-129 | 2+74 | MH 9-130 | 5+00 | 226' | 8" | VCP | 3 | 9' | YES | YES | 226' | 4 | 3 | | |

SITE LINE LEGEND:



SANITARY LINE TO BE CIPP LINED

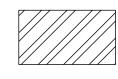
————— TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

S EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| | NO | REVISION | DATE | |
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| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 | |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| DATE: | 6/16/2025 | |
|------------|-----------|---|
| DESIGNED I | BY: TJM | |
| DRAWN BY: | JBB | |
| CHECKED B | Y· CPR | _ |

SCALE: AS NOTED

STA. 1+69.96-

STA. 1+61.07—

STA. 1+38.57-

| CIVIL - 10 SERIES | |
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| | L |

DRAWING NAME C-51 SHEET PLAN VIEW 51 60 **82**

STA. 1+91.66

MH ID: MH 9-134 RIM EL: 699.38

MANHOLE DEPTH: 6.58'

SCALE: 1" = 20'

- MH ID: MH 9-128

MANHOLE DEPTH: 10.25'

-STA. 1+72.88

-STA. 1+80.99

STA. 2+71.94

PROJECT NO:

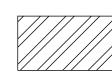
231342

RIM EL: 693.16

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"



GENERAL PROPOSED REHABILATION:

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

MH ID: MH 9-131 RIM EL: 727.77 MANHOLE DEPTH: 10.58' - $\langle 1 \rangle \langle 2 \rangle$ STA. 1+01.89 STA. 1+17.79-1+79.74 SAN RUN MH 9-131 TO MH 9-130 STA. 1+54.82 MH ID: MH 9-130 RIM EL: 720.96 MANHOLE DEPTH: 12.42'

SITE LINE LEGEND:

(APPROXIMATE NOT SURVEYED)

--- SANITARY LINE

---- ExC---- EX. CONSTRUCTION EASEMENT

 SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE

> - MH ID: MH 9-132 RIM EL: 734.53

MANHOLE DEPTH: 7.67'

----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

SCALE: 1" = 20'

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
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SANITARY IMPROVEMENTS CODED NOTES:

(SEE SHEET 60)

MATCHLINE

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-STA. 5+78.76

-STA. 4+58.83

_STA. 5+07.40-

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- 3 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- $\left\langle 5 \right\rangle$ MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN
- $\overline{7}$ POINT REPAIR, AS PER PLAN
- (SHEET 2 MANHOLE REHABILITATION, NOTE 4)
- (10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

- $\left\langle 2\right\rangle$ PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN

- 8 NOT USED

OWNER: HOLLEY CLINTON J JR & VALERIE J TRUSTEES

PARCEL ID: 240001688000 ADDRESS: 109 MERRYHILL ST MARIETTA OH 45750

- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES

| 6. LATE RIGH | RAL LINING SH | HALL BE PERF E, THE CONTI | RACTOR SHAL | HE RIGHT-0 | OF-WAY LINE OR | | | CLEANOUT IS PRESENT A' THE PROPERTY SIDE IN | Т | T | | | | | | 7 | 2 1 |
|---------------------|---------------|------------------------------|-------------|-----------------|----------------|------------------|------------------|--|-----------------------|-----------------|------|------------------------|---------------------------|------------|---------------------------|---|--|
| SEWEI ID | R DS MI | DS MH STA | US MH ID | US MH STA | (ET) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION | NOTES | MCNEAL DASHM& ASHLEEL MCNEAL DASHMARIETTA OH 45750 | STA. 8+01.85 STA. 8+10.18 |
| MH 9-130 7 9-129 | го | | | | | | | | | | | | | | REFERENCED ON SHEET 60 | OWNER M 240 MER. PARODRESS: 105 MER. | SAN REIN |
| MH 9-131 7 9-130 | ГО МН 9-13 | 0 0+00 | MH 9-131 | 1+79 | 179' | 8" | VCP | 3 | 11.0' | NO | YES | 179' | 4 | 3 | | _ | REAU AD AM ROBERT IN BUT SO |
| MH 9-132 7 9-130 | ГО МН 9-13 | 0 5+00 | MH 9-132 | 6+44 | 144' | 8" | VCP | 2 | 10.0' | NO | YES | 144' | 4 | 2 | | | OWNER: DELECTOS SMRREY OWNER: DELECTOS SMRREY OWNER: DELECTOS SMRREY OWNER: DELECTOS STANDARY OWNER: DELECTOS STANDARY |
| MH 9-133 7 9-132 | ГО MH 9-13 | 2 6+44 | MH 9-133 | 9+51 | 307' | 8" | VCP | 3 | 8.0' | YES | YES | 179' | 4 | 3 | | | (SEE SHEET 62) |

verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000



| ۶. | NO | REVISION | DATE |
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| 111111 | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

| SCALE: AS | NOTED | |
|-------------|----------|--|
| DATE: 6 | /16/2025 | |
| DESIGNED BY | r: TJM | |
| DRAWN BY: | JBB | |
| | | |

CHECKED BY: CPR

CIVIL - 10 SERIES

∕-STA. 7+32.99

−STA. 7+41.05

DRAWING NAME C-52 SHEET 61

MATCHLINE

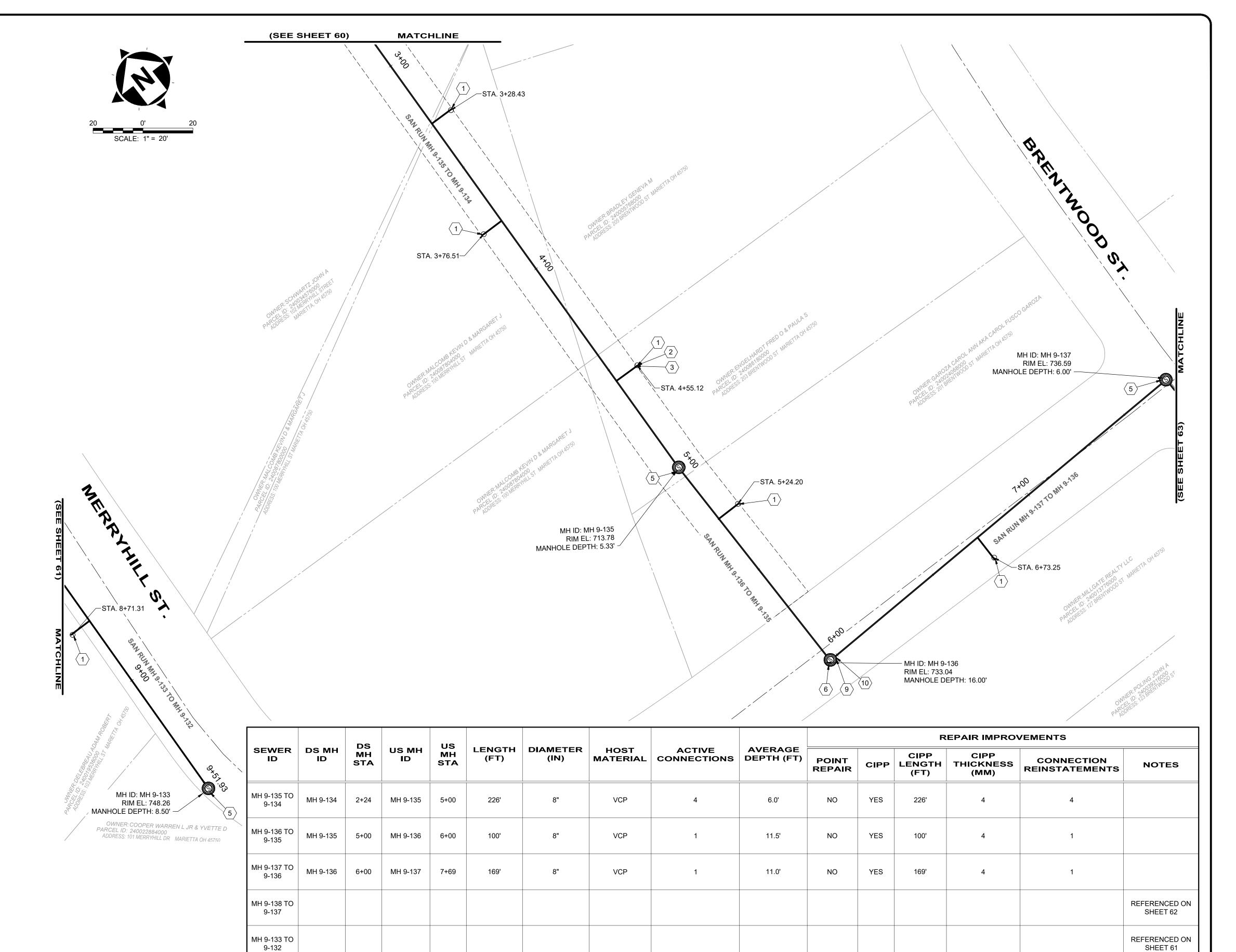
PROJECT NO:

231342

82

PLAN VIEW 52

GENERAL NOTES: 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR. 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS. 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN. 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS. 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL. **SANITARY IMPROVEMENTS CODED NOTES:** 1 CONNECTION REINSTATEMENT, AS PER PLAN 2 PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN (3) 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON 6 MANHOLE REPLACEMENT, TYPE A, AS PER PLAN 7 POINT REPAIR, AS PER PLAN $\langle 8 \rangle$ NOT USED $\left\langle 9 \right\rangle$ INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES



GENERAL PROPOSED REHABILATION:

(SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

PROPERTY LINE
(APPROXIMATE NOT SURVEYED)

SANITARY LINE TO BE CIPP LINED

***** TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

---- TEMPORARY CONSTRUCTION EASEMENT LINE

---- SANITARY LINE

---- EXC---- EX. CONSTRUCTION EASEMENT

(10) INSTALL INTERNAL DROP STRUCTURE, PER DETAIL

SITE LINE LEGEND:

SITE SYMBOL LEGEND:

SANITARY MANHOLE TO BE

NOTED IN PLANS - 48"

REPAIRED OR REPLACED AS



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

| TIMOTHY J. MCLAUGHLIN 83985 MCLAUGHLIN 83985 MCLAUGHLIN 83985 | IN VEFR III |
|---|-------------|

EXISTING SANITARY MANHOLE - 48"

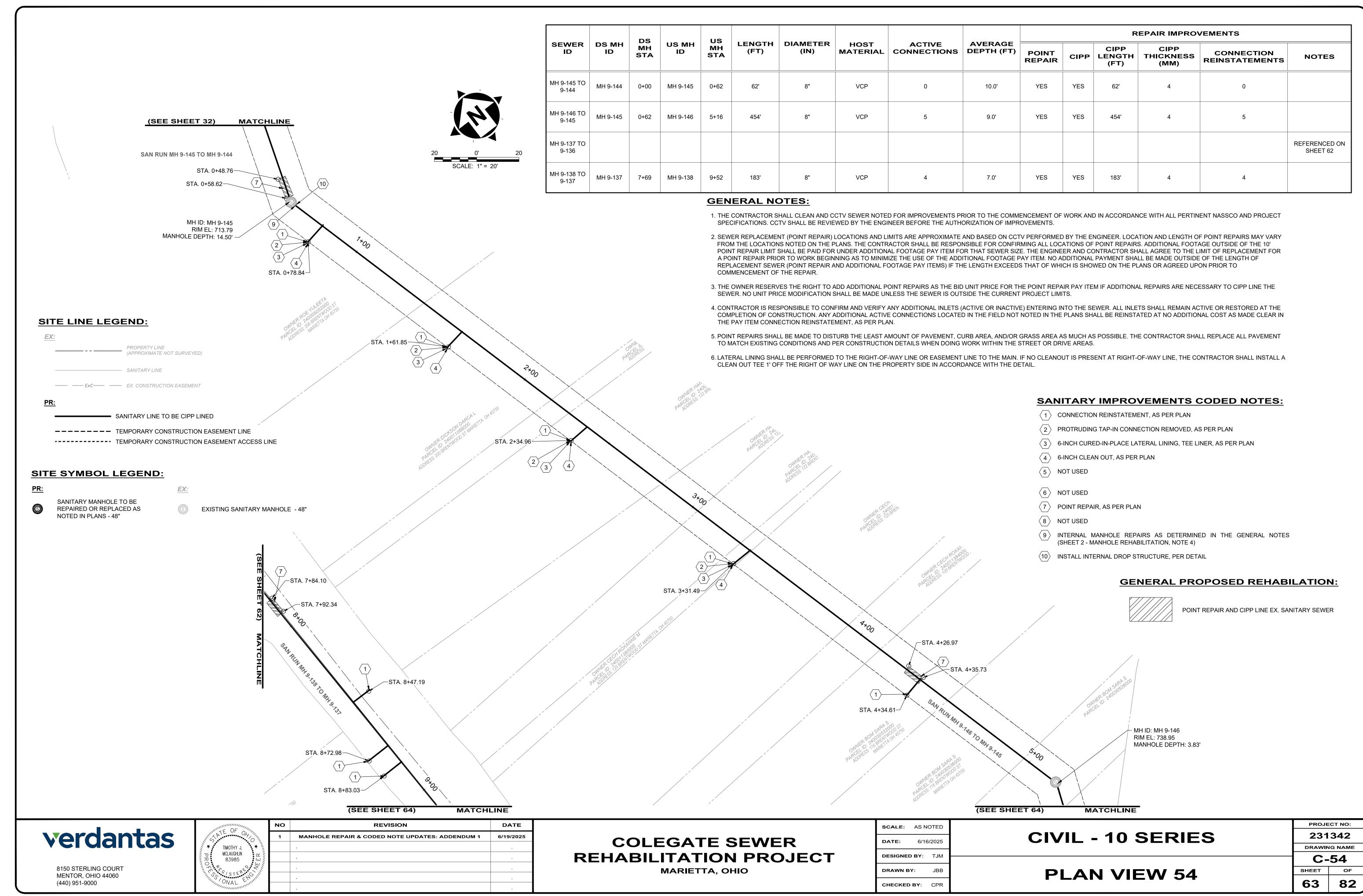
| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: AS NOTED | |
|------------------------|--|
| DATE: 6/16/2025 | |
| DESIGNED BY: TJM | |
| DRAWN BY: JBB | |
| | |

CHECKED BY: CPR

| | PROJECT NO: | | | |
|-------------------|-------------|--------------|--|--|
| CIVIL - 10 SERIES | 231342 | | | |
| | | DRAWING NAME | | |
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| DI ANI VIEW 52 | SHEET | OF | | |
| PLAN VIEW 53 | 62 | 82 | | |

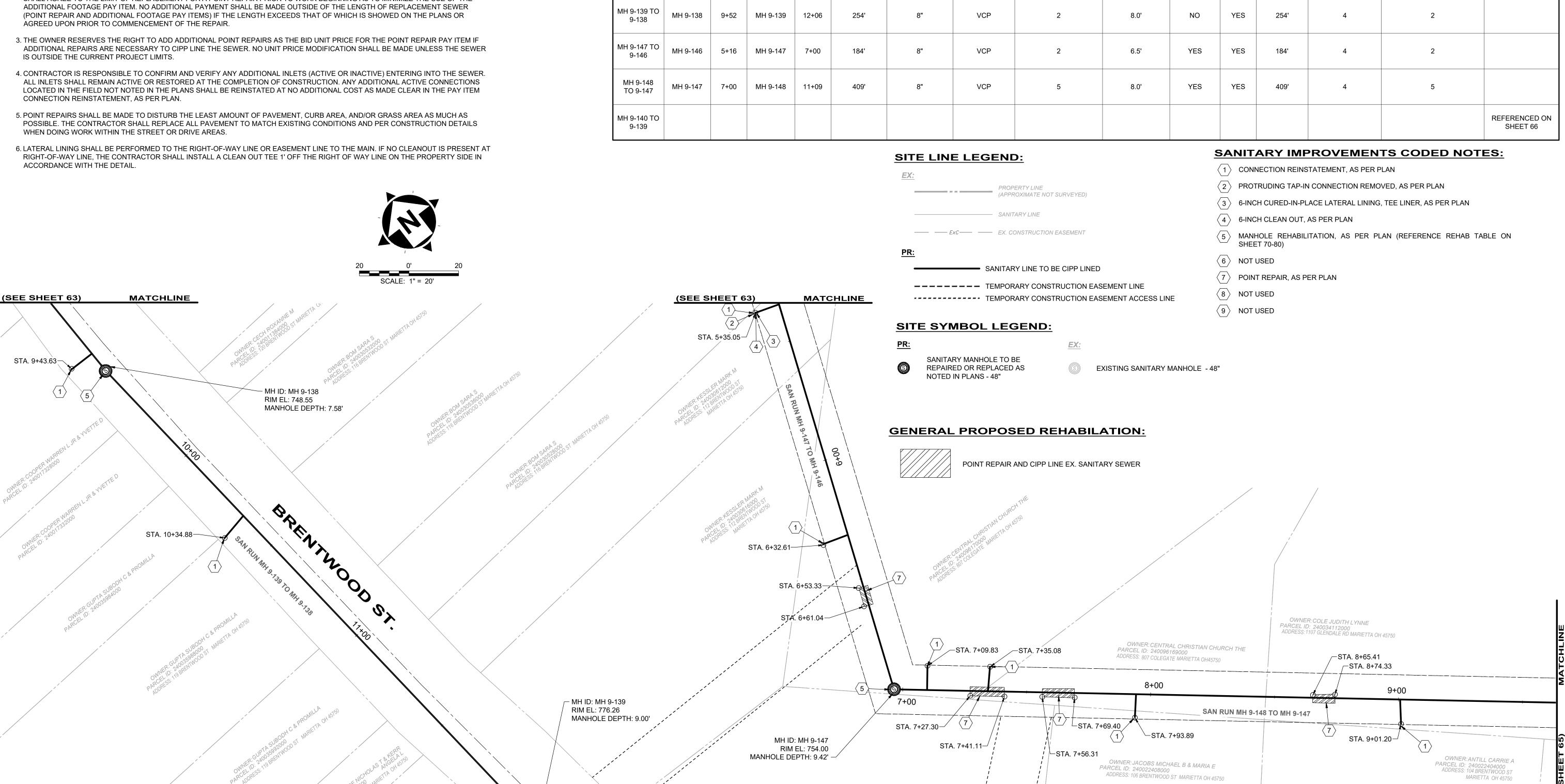


GENERAL NOTES: 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.

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| | | DS | | US | | | | | | | | | /EMENTS | | |
|----------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|------|-----|-----------------|------|------------------------|---------------------------|------------------------------|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | | | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS |
| MH 9-138 TO 9-137 | | | | | | | | | | | | | | | REFERENCED ON SHEET 63 |
| MH 9-139 TO 9-138 | MH 9-138 | 9+52 | MH 9-139 | 12+06 | 254' | 8" | VCP | 2 | 8.0' | NO | YES | 254' | 4 | 2 | |
| MH 9-147 TO 9-146 | MH 9-146 | 5+16 | MH 9-147 | 7+00 | 184' | 8" | VCP | 2 | 6.5' | YES | YES | 184' | 4 | 2 | |
| MH 9-148 TO 9-147 | MH 9-147 | 7+00 | MH 9-148 | 11+09 | 409' | 8" | VCP | 5 | 8.0' | YES | YES | 409' | 4 | 5 | |
| MH 9-140 TO 9-139 | | | | | | | | | | | | | | | REFERENCED ON SHEET 66 |



verdantas

8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J. MCLAUGHLIN 83985

REVISION DATE MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 6/19/2025

STA. 11+88.66

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

MATCHLINE

SCALE: AS NOTED 6/16/2025 **DRAWN BY:**

CHECKED BY:

CIVIL - 10 SERIES

PLAN VIEW 55

PROJECT NO: 231342 DRAWING NAME C-55 SHEET

82

- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

| SANITARY IMPROVEMENTS CODED NO | TES |
|--------------------------------|-----|
|--------------------------------|-----|

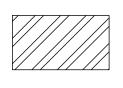
| $\langle 1 \rangle$ | CONNECTION REINSTATEMENT, AS PER PLAN |
|---------------------|--|
| 2 | NOT USED |
| 3 | NOT USED |
| 4 | NOT USED |
| (5) | MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE OF SHEET 70-80) |
| $\langle 6 \rangle$ | NOT USED |
| $\langle 7 \rangle$ | NOT USED |
| 8 | NOT USED |
| 9 | INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTE: (SHEET 2 - MANHOLE REHABILITATION, NOTE 4) |

SITE LINE LEGEND:

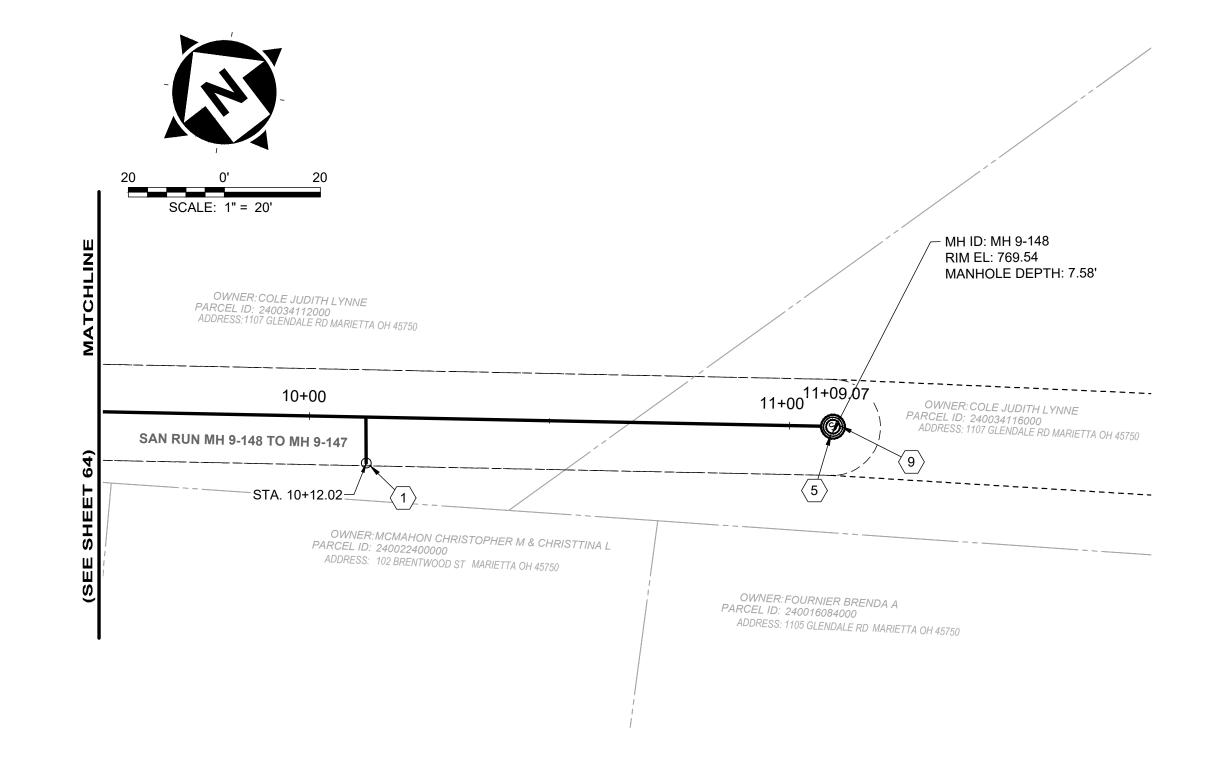
| <u>EX:</u> | PROPERTY LINE (APPROXIMATE NOT SURVEYED) |
|------------|--|
| | SANITARY LINE |
| ExC | EX. CONSTRUCTION EASEMENT |
| PR: | |
| | SANITARY LINE TO BE CIPP LINED |
| | TEMPORARY CONSTRUCTION EASEMENT LINE TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE |

| PR: | | | |
|-----|---|---------------|---------------------------------|
| • | SANITARY LINE TO |) BE CIPP LII | NED |
| - | TEMPORARY CON | STRUCTION | EASEMENT LINE |
| - | TEMPORARY CON | STRUCTION | EASEMENT ACCESS LINE |
| SIT | E SYMBOL LEGEND: | <u>:</u> | |
| PR: | | EX: | |
| | SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48" | | EXISTING SANITARY MANHOLE - 48" |
| | | | |

GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER



| | | DS | | us | | | | | AVERAGE DEPTH (FT) | | | | R | EPAIR IMPRO | VEMENTS | |
|----------------------|-------------|-----------|-------------|-----------|----------------|------------------|------------------|-----------------------|-----------------------|-----------------|------------------------|---------------------------|------------------------------|---------------------------|---------|--|
| SEWER ID | DS MH ID | MH STA | US MH ID | MH STA | LENGTH (FT) | DIAMETER (IN) | HOST MATERIAL | ACTIVE CONNECTIONS | | POINT REPAIR | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES | | |
| MH 9-148 TO 9-147 | | | | | | | | | | | | | | REFERENCED ON SHEET 64 | | |

| verdantas |
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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
|----------|----|---|-----------|
| <u>.</u> | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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| munna, | | | - |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

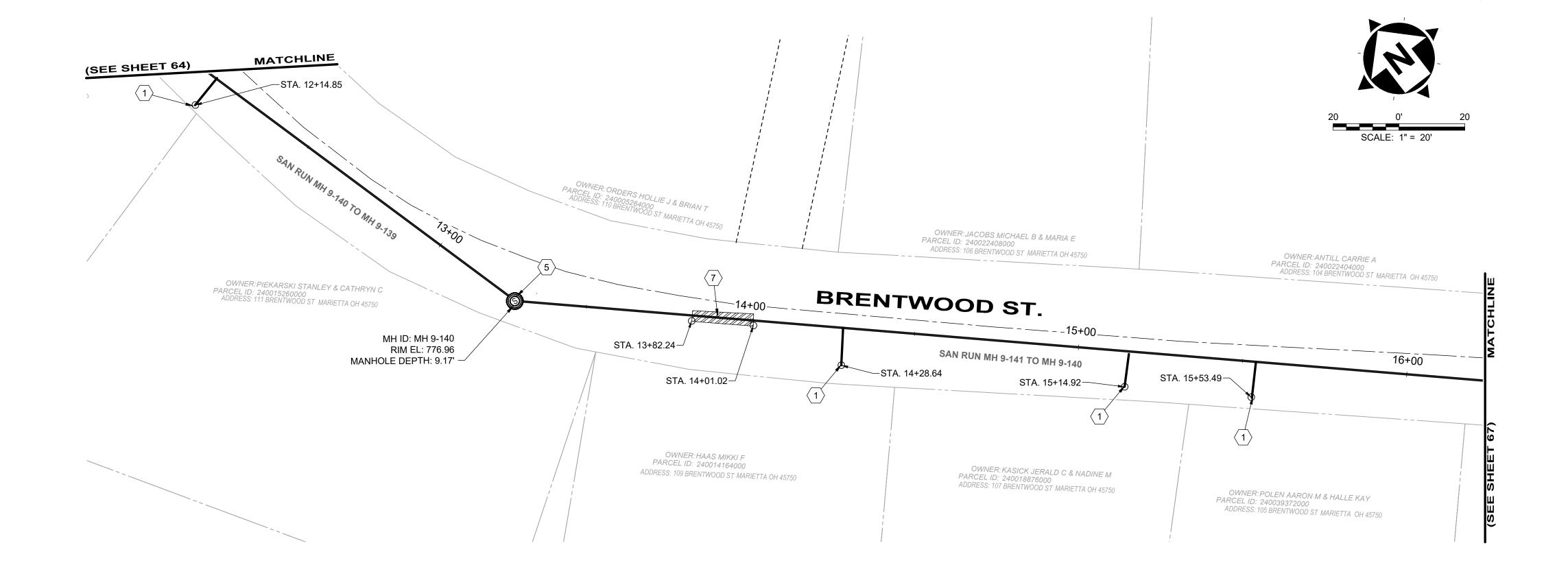
| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 8/2025 | |
| DESIGNEI | D BY: | ТЈМ | |
| DRAWN B | SY: | JBB | |
| | | | |

CHECKED BY: CPR

CIVIL - 10 SERIES

DRAWING NAME C-56 **PLAN VIEW 56** SHEET **65** 82

PROJECT NO:



SEWER DS MH US MH HOST **ACTIVE** МН MН (IN) MATERIAL | CONNECTIONS | DEPTH (FT) ID (FT) POINT CONNECTION STA THICKNESS CIPP LENGTH NOTES **REPAIR REINSTATEMENTS** (FT) (MM) MH 9-140 TO MH 9-140 13+29 123' VCP NO YES 123' 12+06 9.0' MH 9-141 TO | MH 9-140 | 13+29 | MH 9-141 | 17+47 418' VCP 7.0' YES YES 418'

SITE LINE LEGEND:

EX: (APPROXIMATE NOT SURVEYED) ---- SANITARY LINE

--- ExC--- EX. CONSTRUCTION EASEMENT

SANITARY LINE TO BE CIPP LINED

---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

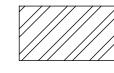
SITE SYMBOL LEGEND:

EX:

SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48"

EXISTING SANITARY MANHOLE - 48"

GENERAL PROPOSED REHABILATION:



8150 STERLING COURT

MENTOR, OHIO 44060

(440) 951-9000

verdantas

POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

GENERAL NOTES:

DATE

6/19/2025

LENGTH | DIAMETER

1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.

AVERAGE

- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
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- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

- (1) CONNECTION REINSTATEMENT, AS PER PLAN
- $\langle 2 \rangle$ NOT USED

REPAIR IMPROVEMENTS

- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70.80) SHEET 70-80)
- 6 NOT USED
- 7 POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 NOT USED



REVISION MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1

COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | IOTED | |
|---------|-------|--------|--|
| DATE: | 6/1 | 6/2025 | |
| DESIGNE | D BY: | TJM | |
| DRAWN E | BY: | JBB | |
| CHECKE | BY: | CPR | |

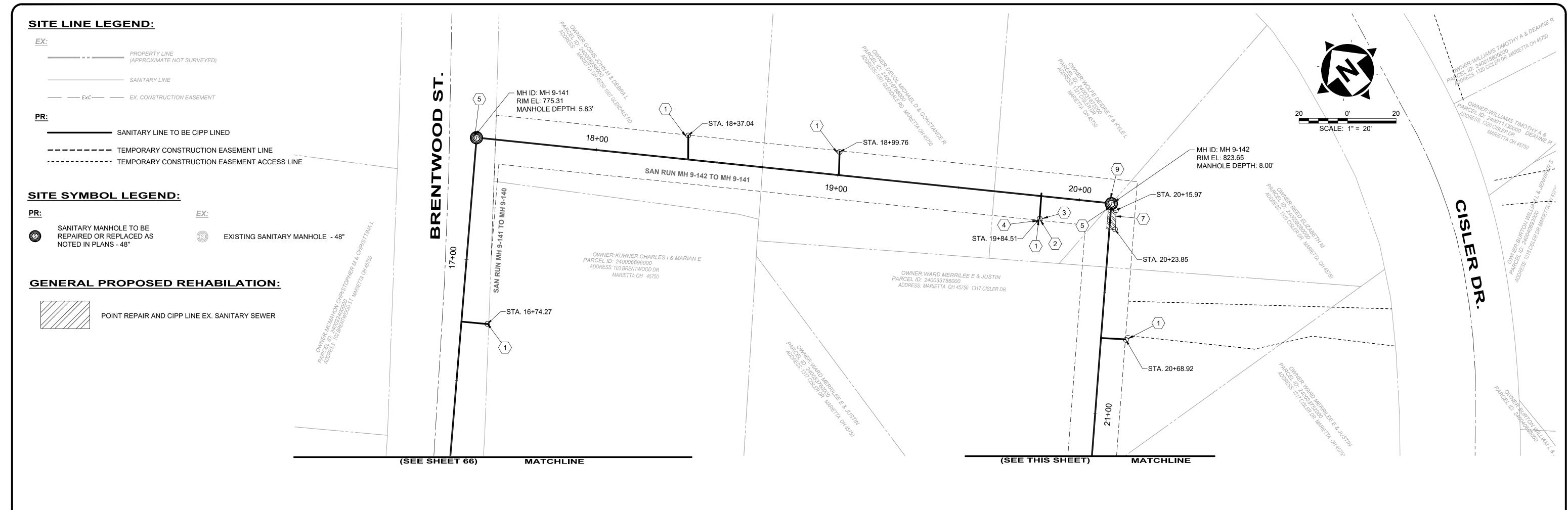
CIVIL - 10 SERIES

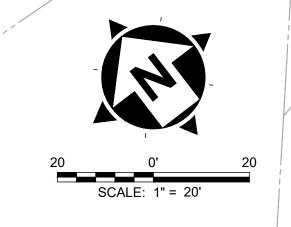
PLAN VIEW 57

231342 DRAWING NAME C-57 SHEET 66 **82**

PROJECT NO:

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 66 PLAN VIEW 57 - 6/17/2025 10:01:08 PM - JARED BORDNER





OWNER: MACATOL MATTHEW J & CATHY S

MH ID: MH 9-143

RIM EL: 829.98

MANHOLE DEPTH: 4.42' -

PARCEL ID: 240017344000 ADDRESS: 1307 CISLER DR MARIETTA OH 45750

| | | DS | | us | 10 | | | | REPAIR IMPROVEMENTS | | | | | | | | | | | | | | | |
|----------------------|-------------|-----------|-------------|-------|------|----|------|----------------|---------------------|-------------|----------|------|------------------|----------|---------------------------|--|--------------|-----------------------|-----------------|------|------------------------|---------------------------|------------------------------|-------|
| SEWER ID | DS MH ID | MH STA | US MH ID | | MH | MH | (FT) | LENGTH (FT) | (FT) | AH LENGIH | I LENGIA | | DIAMETER (IN) | MATERIAL | HOST MATERIAL | | - | AVERAGE DEPTH (FT) | POINT REPAIR | CIPP | CIPP LENGTH (FT) | CIPP THICKNESS (MM) | CONNECTION REINSTATEMENTS | NOTES |
| MH 9-141 TO 9-140 | | | | | | | | | | | | | | | REFERENCED ON SHEET 66 | | | | | | | | | |
| MH 9-142 TO 9-141 | MH 9-141 | 17+47 | MH 9-142 | 20+12 | 265' | 8" | VCP | 3 | 6.5' | NO | YES | 265' | 4 | 3 | | | | | | | | | | |
| MH 9-143 TO 9-142 | MH 9-142 | 20+12 | MH 9-143 | 23+32 | 320' | 8" | VCP | 3 | 6.0' | YES | YES | 320' | 4 | 3 | | | | | | | | | | |

SAN RUN MH 9-143 TO MH 9-142

OWNER:EDWARDS RUSSELL WILLIAM & ANNELLE L

PARCEL ID: 240037692000 ADDRESS: 1315 CISLER DR MARIETTA OH 45750

SANITARY IMPROVEMENTS CODED NOTES:

- ⟨ 1 ⟩ CONNECTION REINSTATEMENT, AS PER PLAN
- (2) PROTRUDING TAP-IN CONNECTION REMOVED, AS PER PLAN
- \langle 3 \rangle 6-INCH CURED-IN-PLACE LATERAL LINING, TEE LINER, AS PER PLAN
- 4 6-INCH CLEAN OUT, AS PER PLAN
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON
- 6 NOT USED
- $\overline{7}$ POINT REPAIR, AS PER PLAN
- 8 NOT USED
- 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES (SHEET 2 - MANHOLE REHABILITATION, NOTE 4)

GENERAL NOTES:

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verdantas

(440) 951-9000

8150 STERLING COURT MENTOR, OHIO 44060

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STA. 23+29.86-

23+32.57 5

| _ | NO | REVISION | DATE |
|-------------------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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—STA. 23+22.82 PARCEL ID: 240026896000

-STA. 22+98.54

ADDRESS: 1313 CISLER DR MARIETTA OH 45750

COLEGATE SEWER REHABILITATION PROJECT **MARIETTA, OHIO**

SCALE: AS NOTED DATE: 6/16/2025 **DESIGNED BY:** TJM DRAWN BY:

CHECKED BY: CPR

CIVIL - 10 SERIES

231342 DRAWING NAME **C-58** SHEET

67

PROJECT NO:

82

PLAN VIEW 58

SITE SYMBOL LEGEND: SANITARY MANHOLE TO BE © EXISTING SANITARY MANHOLE - 48" REPAIRED OR REPLACED AS NOTED IN PLANS - 48" **GENERAL PROPOSED REHABILATION:** POINT REPAIR AND CIPP LINE EX. SANITARY SEWER - MH ID: MH 9-57-1A RIM EL: 724.00 MANHOLE DEPTH: 6.00' **GENERAL NOTES:** MH ID: MH 9-57 RIM EL: 719.83 MANHOLE DEPTH: 8.67' 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS. 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR. 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS. MH ID: MH 9-56 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. RIM EL: 712.23 ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS MANHOLE DEPTH: 4.50' - MH ID: MH 9-56A LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN. MANHOLE DEPTH: 4.50' MH ID: MH 9-57A 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS MANHOLE DEPTH: 4.00' WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS. 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL. **SANITARY IMPROVEMENTS CODED NOTES:** 2 NOT USED (3) NOT USED 4 NOT USED MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON 6 NOT USED 7 NOT USED 8 NOT USED 9 INTERNAL MANHOLE REPAIRS AS DETERMINED IN THE GENERAL NOTES MH ID: MH 9-56B (SHEET 2 - MANHOLE REHABILITATION, NOTE 4) RIM EL: 745.00 MANHOLE DEPTH: 4.00' **SITE LINE LEGEND:** SANITARY LINE ---- ExC---- EX. CONSTRUCTION EASEMENT SANITARY LINE TO BE CIPP LINED ---- TEMPORARY CONSTRUCTION EASEMENT LINE ----- TEMPORARY CONSTRUCTION EASEMENT ACCESS LINE

| verdantas |
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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
|--------|----|---|-----------|
| | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| 11111 | | • | • |
| 111111 | | • | |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS NOTED | |
|------------|-----------|--|
| DATE: | 6/16/2025 | |
| DESIGNED E | BY: TJM | |
| DRAWN BY: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

PLAN VIEW 59

PROJECT NO:

231342

DRAWING NAME

C-59

SHEET OF

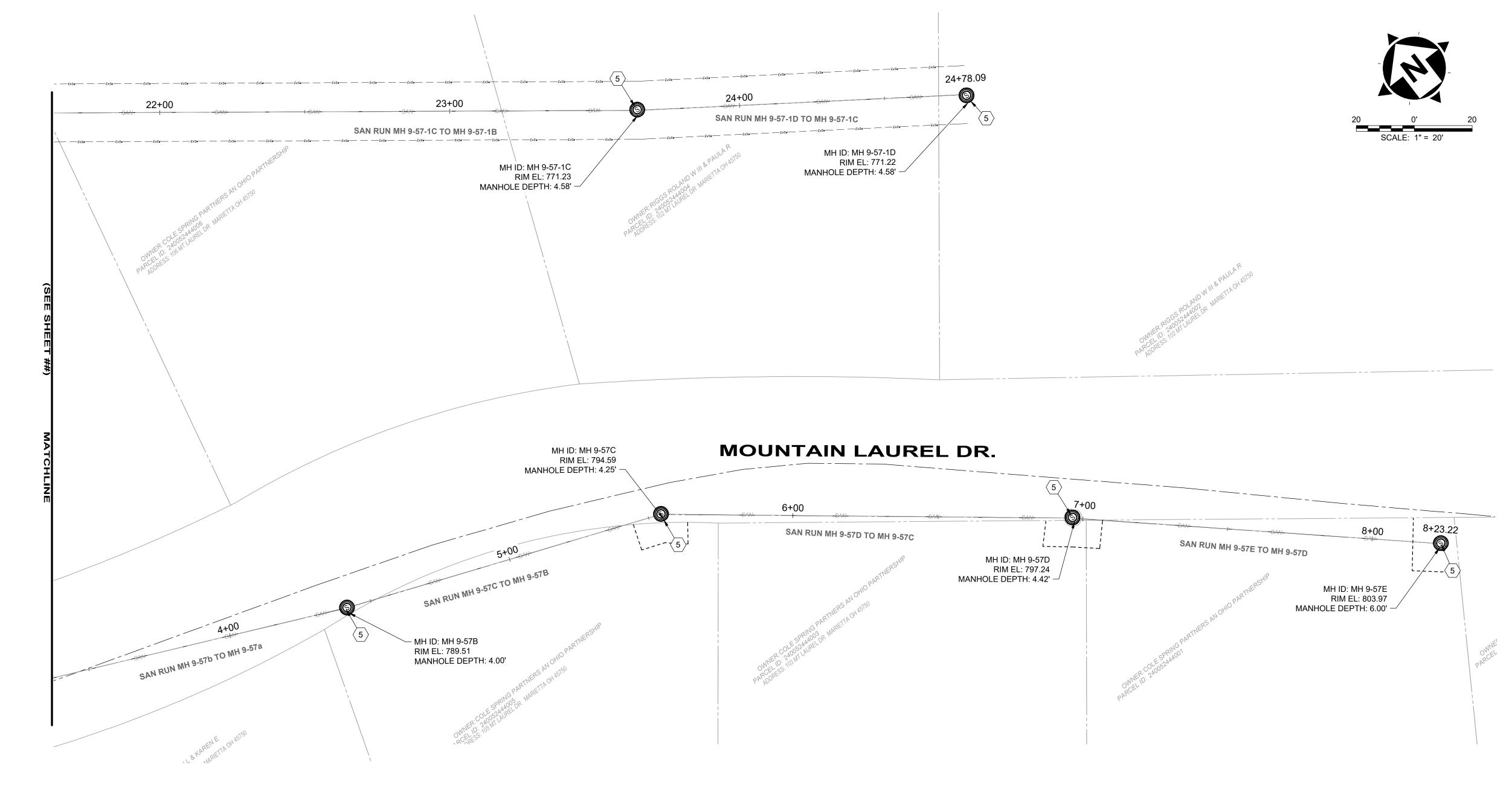
82

68

MH ID: MH 9-57-1B RIM EL: 730.00

MANHOLE DEPTH: 6.00'

C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - ADD ME TOO - 6/17/2025 10:01:08 PM - JARED BORDNER



- 1. THE CONTRACTOR SHALL CLEAN AND CCTV SEWER NOTED FOR IMPROVEMENTS PRIOR TO THE COMMENCEMENT OF WORK AND IN ACCORDANCE WITH ALL PERTINENT NASSCO AND PROJECT SPECIFICATIONS. CCTV SHALL BE REVIEWED BY THE ENGINEER BEFORE THE AUTHORIZATION OF IMPROVEMENTS.
- 2. SEWER REPLACEMENT (POINT REPAIR) LOCATIONS AND LIMITS ARE APPROXIMATE AND BASED ON CCTV PERFORMED BY THE ENGINEER. LOCATION AND LENGTH OF POINT REPAIRS MAY VARY FROM THE LOCATIONS NOTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING ALL LOCATIONS OF POINT REPAIRS. ADDITIONAL FOOTAGE OUTSIDE OF THE 10' POINT REPAIR LIMIT SHALL BE PAID FOR UNDER ADDITIONAL FOOTAGE PAY ITEM FOR THAT SEWER SIZE. THE ENGINEER AND CONTRACTOR SHALL AGREE TO THE LIMIT OF REPLACEMENT FOR A POINT REPAIR PRIOR TO WORK BEGINNING AS TO MINIMIZE THE USE OF THE ADDITIONAL FOOTAGE PAY ITEM. NO ADDITIONAL PAYMENT SHALL BE MADE OUTSIDE OF THE LENGTH OF REPLACEMENT SEWER (POINT REPAIR AND ADDITIONAL FOOTAGE PAY ITEMS) IF THE LENGTH EXCEEDS THAT OF WHICH IS SHOWED ON THE PLANS OR AGREED UPON PRIOR TO COMMENCEMENT OF THE REPAIR.
- 3. THE OWNER RESERVES THE RIGHT TO ADD ADDITIONAL POINT REPAIRS AS THE BID UNIT PRICE FOR THE POINT REPAIR PAY ITEM IF ADDITIONAL REPAIRS ARE NECESSARY TO CIPP LINE THE SEWER. NO UNIT PRICE MODIFICATION SHALL BE MADE UNLESS THE SEWER IS OUTSIDE THE CURRENT PROJECT LIMITS.
- 4. CONTRACTOR IS RESPONSIBLE TO CONFIRM AND VERIFY ANY ADDITIONAL INLETS (ACTIVE OR INACTIVE) ENTERING INTO THE SEWER. ALL INLETS SHALL REMAIN ACTIVE OR RESTORED AT THE COMPLETION OF CONSTRUCTION. ANY ADDITIONAL ACTIVE CONNECTIONS LOCATED IN THE FIELD NOT NOTED IN THE PLANS SHALL BE REINSTATED AT NO ADDITIONAL COST AS MADE CLEAR IN THE PAY ITEM CONNECTION REINSTATEMENT, AS PER PLAN.
- 5. POINT REPAIRS SHALL BE MADE TO DISTURB THE LEAST AMOUNT OF PAVEMENT, CURB AREA, AND/OR GRASS AREA AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT TO MATCH EXISTING CONDITIONS AND PER CONSTRUCTION DETAILS WHEN DOING WORK WITHIN THE STREET OR DRIVE AREAS.
- 6. LATERAL LINING SHALL BE PERFORMED TO THE RIGHT-OF-WAY LINE OR EASEMENT LINE TO THE MAIN. IF NO CLEANOUT IS PRESENT AT RIGHT-OF-WAY LINE, THE CONTRACTOR SHALL INSTALL A CLEAN OUT TEE 1' OFF THE RIGHT OF WAY LINE ON THE PROPERTY SIDE IN ACCORDANCE WITH THE DETAIL.

SANITARY IMPROVEMENTS CODED NOTES:

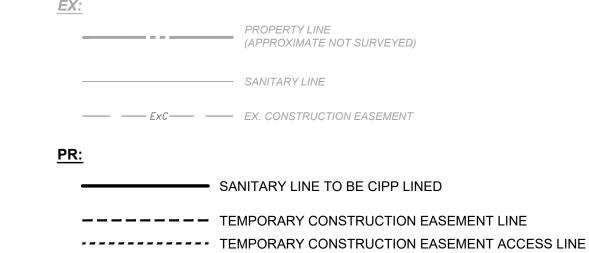
- 1 NOT USED
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- MANHOLE REHABILITATION, AS PER PLAN (REFERENCE REHAB TABLE ON SHEET 70-80)
- 6 NOT USED
- 7 NOT USED
- 8 NOT USED

DATE

6/19/2025

9 NOT USED

SITE LINE LEGEND:

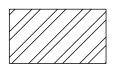


SITE SYMBOL LEGEND:

| PR: | | EX: |
|-----|---|-----|
| | SANITARY MANHOLE TO BE REPAIRED OR REPLACED AS NOTED IN PLANS - 48" | |



GENERAL PROPOSED REHABILATION:



POINT REPAIR AND CIPP LINE EX. SANITARY SEWER

verdantas

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

| TE OF OUT | NO | REVISION |
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| SAFE OF ONE | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: AL |
| TIMOTHY J. * = | | |
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COLEGATE SEWER
REHABILITATION PROJECT
MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|----------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNEI | D BY: | TJM | |
| DRAWN B | SY: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES
PLAN VIEW 60

231342

DRAWING NAME

C_60

SHEET OF

69 82

PROJECT NO:

| | | | CHIMNEY | CONE | | WALL | BENCH | | | | | REPAIR IMPROVE | MENTS | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|--|----------|-------------------------------|------------------------------------|------------------------------------|
| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 8-1 | 7.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-2 | 5.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-3 | 6.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-4 | 7.7 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-5 | 8.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-6 | 7.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-7 | 16.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-8 | 18.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-10 | 5.5 | 24.0000 | BRICK | NOT PRESENT | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 8-11 | 3.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 24 | CONCRETE (PRECAST) | YES | DIRT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 8-11A | 4.5 | 24.0000 | EPOXY | EPOXY | 24 | EPOXY | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 8-12 | 6.0 | 24 | BRI CK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-12A | 6.0 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-13 | 4.5 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 8-13A | 6.5 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 8-14 | 7.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-14A | 10.6 | 24.0000 | CONCRETE (PRECAST) | NOT PRESENT | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 8-15 | 16.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-15A | 17.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 8-16 | 4.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | NO WORK TO BE PERFORMED | STRUCTURAL LINING PER 330130.81 |
| MH 8-17 | 16.4 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 8-18 | 16.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-19 | 7.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 8-20 | 6.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.
MCLAUGHLIN
83985

| OF Ollar | NO | REVISION | DATE |
|---|----|---|-----------|
| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

DATE: 6/16/2025

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (1 OF 12)

| PROJECT NO: | | | | | | | |
|-------------|---------|--|--|--|--|--|--|
| 231342 | | | | | | | |
| DRAWIN | IG NAME | | | | | | |
| C-61 | | | | | | | |
| SHEET OF | | | | | | | |

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C:/CT/CAD/_DRIVES/_H/231342 - 6.16.25/DWG/BASE/C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 68 MANHOLE IMPROVEMENT SCHEDULE (1 OF 12) - 6/17/2025 10:01:08 PM - JARED BORDNER

| | | | CHIMNEY | | | | | | | | REPAIR IMPROVEMENTS | | | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------------|--------------------------|---|--|---------------------|-------------------------------|------------------------------------|------------------------------------|
| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | CONE MATERIAL | WALL DIAMETER | WALL MATERIAL | BENCH PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-1 | 4.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-2 | 3.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 24 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-2A | 2.3 | 24.0000 | NOT PRESENT | NOT PRESENT | 24 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-3 | 4.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-4 | 5.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-5 | 3.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-6 | 4.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-7 | 3.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-8 | 3.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-9 | 9.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-10 | 7.6 | 24.0000 | RUBBER | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-11 | 5.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-12 | 8.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-13 | 6.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-14 | 7.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-15 | 6.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-16 | 8.1 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | BRICK | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-17 | 6.6 | 24.0000 | BRICK | BRICK | 48 | BRICK | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-17A | 7.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-18 | 6.5 | 24.0000 | CONCRETE (PRECAST) | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-18A | 10.0 | 24.0000 | BRICK | BRICK | 36 | BRICK | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-19 | 3.7 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-20 | 4.4 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |



8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

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| ATE OF ONE | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| TIMOTHY J. * + = | • • | | • |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (2 OF 12)

| PROJECT NO: | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|
| 231342 | | | | | | | | |
| DRAWING NAME | | | | | | | | |
| C-62 | | | | | | | | |
| SHEET OF | | | | | | | | |
| | | | | | | | | |

| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | CHIMNEY | CONE MATERIAL | WALL DIAMETER | WALL MATERIAL | BENCH PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEMI | ENTS | |
|-------------|---------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------------|--------------------------|------------------|--|----------|-------------------------------|------------------------------------|------------------------------------|
| WIANHOLE ID | KIM TO INVEKT (I t) | COVER SIZE | MATERIAL | CONE WATERIAL | WALL DIAMETER | WALL MATERIAL | DENON PRESENT | DENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-21 | 3.8 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-22 | 5.5 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-23 | 7.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-24 | 8.9 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-25 | 5.9 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-26 | 5.8 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-27 | 8.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-28 | 7.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-29 | 8.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-30 | 13.2 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-31 | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-33 | 8.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-33A | 6.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-33B | 5.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-33C | 8.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-33CA | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-33D | 8.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-33E | 9.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-34 | 9.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-35 | 6.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-35A | 7.2 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-35B | 6.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-35C | 6.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-36 | 10.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-37 | 7.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J. MCLAUGHLIN 83985

| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

MANHOLE IMPROVEMENT

SCHEDULE (3 OF 12)

PROJECT NO: 231342 DRAWING NAME C-63 SHEET OF

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C:CTCAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 70 MANHOLE IMPROVEMENT SCHEDULE (3 OF 12) - 6/17/2025 10:01:08 PM - JARED BORDNER

| March Marc | | | | CHIMNEY | | | | | | | | | REPAIR IMPROVEMEN | тѕ | |
|--|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------------|--------------------------|------------------|-------------|-------|-------------------|------|-----------------|
| Part | MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | CONE MATERIAL | WALL DIAMETER | WALL MATERIAL | BENCH PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| | MH 9-38 | 8.7 | 24.0000 | BRICK | | 60 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Marie 1 | MH 9-39 | 5.5 | 24.0000 | CONCRETE (PRECAST) | | 48 | | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| | MH 9-39A | 4.1 | 24.0000 | CONCRETE (PRECAST) | | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Western 1- | MH 9-39B | 6.2 | 24.0000 | CONCRETE (PRECAST) | | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Married 14 100000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 10000000 10000000 10000000 10000000 10000000 10000000 100000000 | MH 9-39C | 6.2 | 24.0000 | CONCRETE (PRECAST) | | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| March Marc | MH 9-39D | 6.2 | 24.0000 | | | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Market 10 | MH 9-39E | 4.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Ministry S. A. W. Confered Security Securit | MH 9-39F | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| March Marc | MH 9-39G | 5.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| Min | MH 9-39GA | 5.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MIT 10 10 10 10 10 10 10 1 | MH 9-39H | 5.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MIT-SHEET 10 | MH 9-39I | 4.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MR 9-30L 9.0 24,000 CONCRETE CONCR | MH 9-39J | 5.8 | 24.0000 | CONCRETE (PRECAST) | | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| PARTICIPATE 10 PARTICIPATE | MH 9-39K | 5.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-38P0 49 24.0000 (PRECAST) (PRECAST) 60 (PRECAST) NO NOT PRESENT NO REPAIR NA | MH 9-39L | 3.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-390 7.6 24,0000 CONCRETE CONCRETE OFFICEAST 00 CONCRETE OFFICEAST NO NOT PRESENT NO REPAIR NA NA NA NA NA NA NA N | MH 9-39M | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39P | MH 9-39N | 4.9 | 24.0000 | CONCRETE (PRECAST) | | 60 | | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39P 58 24 0000 (PRECAST) (PRECAST) 48 (CONCRETE (PRECAST) YES CONCRETE (CAST IN PLACE) NO REPAIR NIA NI | MH 9-39O | 7.6 | 24.0000 | | | 60 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39R 4.1 24.0000 CONCRETE CONCRETE (PRECAST) 48 CONCRETE (PRECAST) YES CONCRETE (PRECAST) NO REPAIR N/A | MH 9-39P | 5.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39S 8.2 24.0000 (PRECAST) (PRECAST) 48 (PRECAST) YES CONCRETE (PRECAST) NO REPAIR MH 9-39S 8.2 24.0000 CONCRETE (PRECAST) 48 CONCRETE (PRECAST) YES CONCRETE (PRECAST) NO REPAIR N/A N/A N/A N/A N/A N/A N/A N/ | MH 9-39Q | 4.5 | 24.0000 | | | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-395 8.2 24.0000 (PRECAST) (PRECAST) | MH 9-39R | 4.1 | 24.0000 | | | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| WIT 9-391 7.0 (PRECAST) (PRECA | MH 9-39S | 8.2 | 24.0000 | CONCRETE (PRECAST) | | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39U 7.0 CONCRETE CONCRETE CONCRETE (CAST IN PLACE) NO REPAIR N/A N/A N/A N/A N/A N/A | MH 9-39T | 7.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| (FRECAST) | MH 9-39U | 7.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |



(440) 951-9000

8150 STERLING COURT MENTOR, OHIO 44060

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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 |
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6/19/2025

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED DESIGNED BY: TJM DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (4 OF 12)

| PROJECT NO: | | | | | | | |
|-------------|---------|--|--|--|--|--|--|
| 231342 | | | | | | | |
| DRAWIN | IG NAME | | | | | | |
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| SHEET OF | | | | | | | |

| MANUAL E ID | DIM TO INIVEDT (E4) | 00//50 0175 | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | DENOU MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEM | ENTS | |
|-------------|---------------------|-------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|--|---------|-------------------------------|------------------------------------|------------------------------------|
| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-39V | 5.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39V1 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39V2 | 5.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39W | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39X | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39Y | 7.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-39Z | 9.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-40 | 5.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-40A | 8.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-41 | 7.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-41A | 7.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-43 | 6.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-44 | 6.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-45 | 8.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-46 | 9.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-47 | 7.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-48 | 6.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-49 | 6.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-50 | 7.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-51 | 7.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-52 | 5.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-53 | 5.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-54 | 6.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-55 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-56 | 4.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-56A | 4.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
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8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

DESIGNED BY: TJM
DRAWN BY: JBB

CHECKED BY: CPR

SCALE: AS NOTED

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (5 OF 12)

| PROJECT NO: |
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| 231342 |
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CADI_DRIVES_HI231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 72 MANHOLE IMPROVEMENT SCHEDULE (5 OF 12) - 6/17/2025 10:01:08 PM - JARED BORDNER

| MANUAL E ID | RIM TO INVERT (Ft) | 00//50 0/75 | CHIMNEY | CONE | WALL DIAMETED | WALL | BENCH | DENOU MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEM | ENTS | |
|-------------|--------------------|-------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|--|----------|-------------------------------|------------------------------------|------------------------------------|
| MANHOLE ID | RIW TO INVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-56B | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-57 | 8.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-57A | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-57B | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | N/A |
| MH 9-57C | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | N/A |
| MH 9-57D | 4.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | N/A |
| MH 9-57E | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-57-1A | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-57-1B | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A (| RECONSTRUCTION |
| MH 9-57-1C | 4.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-57-1D | 4.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | N/A | N/A | N/A | RECONSTRUCTION |
| MH 9-58 | 7.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-58A | 6.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | NO | NOT PRESENT | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-58B | 6.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | NO | NOT PRESENT | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-59 | 5.4 | 24.0000 | BRICK | BRICK | 48 | BRICK | NO | NOT PRESENT | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-59A | 6.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | NO | NOT PRESENT | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-60 | 8.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-61 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-62 | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-63 | 6.7 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-64 | 9.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-65 | 6.2 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-66 | 10.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-67 | 6.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-68 | 3.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-69 | 7.5 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000

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| TE 01 0/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | |
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DATE 6/19/2025

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

DATE: 6/16/2025

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (6 OF 12) PROJECT NO:

231342

DRAWING NAME

C-66

SHEET OF

75 | **82**

| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | BENCH MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEMI | ENTS | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|---|--|----------|-------------------------------|------------------------------------|------------------------------------|
| MANHOLE ID | KIM TO HEVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | DENCH MATERIAL | | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-70 | 9.2 | 24.0000 | BRICK | BRICK | 36 | BRICK | YES | CONCRETE (CAST IN PLACE) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-71 | 7.4 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-72 | 9.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-73 | 16.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-75 | 16.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-78 | 11.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-79B | 11.3 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-79A | 11.3 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-80 | 12.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-79 | 13.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-80 | 12.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-80A | 12.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-81 | 4.1 | 24.0000 | BRICK | BRICK | 36 | BRICK | YES | CONCRETE (CAST IN PLACE) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-81A | 10.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48.00 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-82 | 8.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-83 | 8.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-84 | 7.5 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-85 | 7.5 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-86 | 5.5 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-88 | 4.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-89 | 3.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-90 | 4.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-91 | 3.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-92 | 6.7 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-93 | 4.2 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-94 | 10.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-95 | 8.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-96 | 7.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-97 | 11.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| | | NO | REV | ISION | DAT | E | | | | SCALE: | AS NOTED | | | |

8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



| | NO | REVISION | DATE |
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| _ | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

DATE: 6/16/2025

DESIGNED BY: TJM

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (7 OF 12) PROJECT NO:

231342

DRAWING NAME

C-67

SHEET OF

| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | BENCH MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEME | ENTS | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|---|--|----------|-------------------------------|------------------------------------|------------------------------------|
| MARTICLE | | OOVER OIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | DENOTI MATERIAL | IMI KOVEMENT TTE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-98 | 7.4 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-98A | 6.4 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-98B | 11.0 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-98C | 5.4 | 24.0000 | BRICK | BRICK | 48 | BRICK | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-98D | 4.7 | 24.0000 | CONCRETE (PRECAST) | BRICK | 48 | BRICK | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-98E | 4.7 | 24.0000 | CONCRETE (PRECAST) | BRICK | 36 | BRICK | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-99 | 11.8 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-100 | 7.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-101 | 8.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-102 | 12.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-103 | 6.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-104 | 13.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-106 | 8.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-107 | 5.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-108 | 4.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-109 | 3.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-110 | 4.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPLACE | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-111 | 4.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-112 | 4.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-113 | 9.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-114 | 10.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-115 | 4.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-116 | 15.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-117 | 5.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-119 | 10.3 | 24.0000 | BRICK | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-120 | 7.7 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-121 | 11.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-122 | 5.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| | walling NO | | REVISION | | DATE | | | | | SCALE: AS NOTED | 1 | | | |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

MCLAUGHLIN

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| 04/== | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

PROJECT

DESIGNED BY

DRAWN BY:

| SCALE: | AS NOTED |
|--------|-----------|
| DATE: | 6/16/2025 |
| | |

DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT
SCHEDULE (8 OF 12)

DRAWING NAME

C-68

SHEET OF

77 82

PROJECT NO:

231342

DRAWING NAME

C-68

C:/CT/CAD/_DRIVES/_H/231342 - 6.16.25/DWG/BASE/C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 75 MANHOLE IMPROVEMENT SCHEDULE (8 OF 12) - 6/17/2025 10:01:08 PM - JARED BORDNER

| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | BENCH MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEMI | ENTS | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|---|--|----------|-------------------------------|------------------------------------|------------------------------------|
| | | | MATERIAL | MATERIAL | | MATERIAL | PRESENT | | | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-123 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 24 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-125 | 10.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-126 | 5.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-127 | 10.8 | 24.0000 | BRICK | BRICK | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-128 | 10.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-129 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-130 | 12.4 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-131 | 10.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-132 | 7.7 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-133 | 8.5 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-134 | 6.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-135 | 5.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-136 | 16.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-137 | 6.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-138 | 7.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-139 | 9.0 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-140 | 9.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-141 | 5.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-142 | 8.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-143 | 4.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-144 | 6.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | N/A | N/A | N/A | N/A | N/A |
| MH 9-145 | 14.6 | 24.0000 | BRICK | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | SEE NOTE 4 UNDER MANHOLE REHABILITATION ON SHEET 2 | N/A | N/A | N/A | N/A | N/A |
| MH 9-146 | 3.9 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-147 | 9.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-148 | 7.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | RECONSTRUCTION |
| MH 9-149 | 4.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | NO WORK TO BE PERFORME |
| MH 9-150 | 5.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-151 | 11.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPLACE | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

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| E OF O | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 |
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COLEGATE SEWER REHABILITATION PROJECT

DATE

6/19/2025

SCALE: AS NOTED **DATE:** 6/16/2025 DESIGNED BY: TJM

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

PROJECT NO: 231342 DRAWING NAME C-69 SHEET OF

78 82

MARIETTA, OHIO

MANHOLE IMPROVEMENT SCHEDULE (9 OF 12)

| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | BENCH MATERIAL | IMPROVEMENT TYPE | | | REPAIR IMPROVEM | ENTS | |
|-------------|---------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|--|----------|-------------------------------|------------------------------------|------------------------------------|
| MIANHOLE ID | KIM TO HAVEKT (I t) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | DENOR MATERIAL | IMPROVEMENT THE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-152 | 5.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-154 | 8.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-155 | 7.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-157 | 12.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-158 | 14.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-159 | 9.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-160 | 12.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-161 | 3.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-162 | 4.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-163 | 3.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-164 | 3.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-165 | 6.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-166 | 6.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-167 | 10.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | REMOVE | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-168 | 7.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | NO WORK TO BE PERFORMED | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-169 | 10.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-170 | 8.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-171 | 6.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-172 | 9.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | REPAIR | GROUT AROUND EXISTING PIPES PRIOR TO LINING | NO STEPS | CHIMNEY SEAL PER 330130.81 | STRUCTURAL LINING PER 330130.81 | STRUCTURAL LINING PER 330130.81 |
| MH 9-200 | 3.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-201 | 4.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-202 | 6.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-203 | 6.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-204 | 6.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-205 | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-205A | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| | I was | | | | | | | | | | | | | |

8150 STERLING COURT MENTOR, OHIO 44060

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TIMOTHY J.

MCLAUGHLIN

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MCS / STEREO

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| NO | REVISION | DATE |
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| 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
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COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

| SCALE: | AS NO | OTED | |
|---------|-------|-------|--|
| DATE: | 6/16/ | /2025 | |
| DESIGNE | D BY: | TJM | |

DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (10 OF 12)

| PROJE | ECT NO: |
|--------|---------|
| 231 | 342 |
| DRAWIN | IG NAME |
| C- | 70 |
| SHEET | OF |

| MANHOLE ID | RIM TO INVERT (Ft) | COVED SIZE | CHIMNEY | CONE | WALL DIAMETER | WALL | BENCH | BENCH MATERIAL | IMPROVEMENT TYPE | | REPAIR IMPROVEMENTS | | | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|-------------|---------------------|---------|------|-----------------|
| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-206 | 4.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-207 | 4.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-208 | 7.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-209 | 3.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-210 | 9.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-211 | 7.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-212 | 5.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-213 | 4.7 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 36 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-213A | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-213B | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-213C | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-214 | 5.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-215 | 4.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-216 | 3.8 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-216A | 6.1 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-217 | 3.6 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-218 | 4.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-218A | 7.2 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-219 | 10.3 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-220 | 5.4 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-221 | 3.5 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (PRECAST) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-222 | 7.0 | 24.0000 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

| William OF | NO | REVISION | DATE |
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| SATE OF OY == | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| TIMOTHY J. | | | |
| MCLAUGHLIN と | | | |
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| ONAL COMMINITY | | | _ |

COLEGATE SEWER REHABILITATION PROJECT MARIETTA, OHIO

SCALE: AS NOTED DESIGNED BY: TJM DRAWN BY: JBB

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (11 OF 12)

| PROJE | ECT NO: |
|--------|---------|
| 231 | 342 |
| DRAWIN | IG NAME |
| C- | .71 |
| SHEET | OF |

| | DIM TO INVEDT (E4) | 00/50 0175 | CHIMNEY | CONE | | WALL | BENCH | BENCH MATERIAL | | REPAIR IMPROVEMENTS | | | | |
|------------|--------------------|------------|-----------------------|-----------------------|---------------|-----------------------|---------|--------------------------|------------------|---------------------|-------|---------|------|-----------------|
| MANHOLE ID | RIM TO INVERT (Ft) | COVER SIZE | MATERIAL | MATERIAL | WALL DIAMETER | MATERIAL | PRESENT | BENCH MATERIAL | IMPROVEMENT TYPE | CONNECTIONS | STEPS | CHIMNEY | WALL | INVERT OR BENCH |
| MH 9-223 | 11.0 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-223A | 5.6 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-224 | 9.8 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-225 | 7.8 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-226 | 9.3 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-226A | 8.5 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | NO | NOT PRESENT | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-227 | 11.3 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-228 | 9.5 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-228A | 8.4 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 48 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |
| MH 9-229 | 6.2 | 24 | CONCRETE (PRECAST) | CONCRETE (PRECAST) | 60 | CONCRETE (PRECAST) | YES | CONCRETE (CAST IN PLACE) | NO REPAIR | N/A | N/A | N/A | N/A | N/A |

8150 STERLING COURT MENTOR, OHIO 44060

(440) 951-9000

TIMOTHY J.

MCLAUCHLIN

83985

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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS N | OTED | |
|---------|-------|--------|--|
| DATE: | 6/16 | 6/2025 | |
| DESIGNE | D BY: | ТЈМ | |
| DRAWN B | Y: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

MANHOLE IMPROVEMENT SCHEDULE (12 OF 12) PROJECT NO:

231342

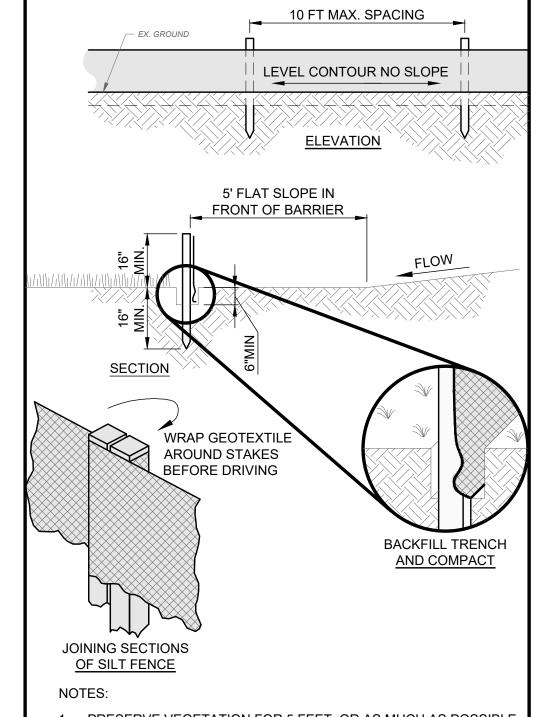
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C-72

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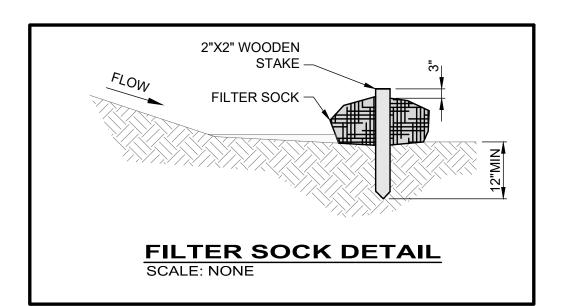
C:\CT\CAD_DRIVES_H\231342 - 6.16.25\DWG\BASE\C_231342_BASE_ALIGNMENTS AND IMPROVEMENTS.DWG - 79 MANHOLE IMPROVEMENT SCHEDULE (12 OF 12) - 6/17/2025 10:01:08 PM - JARED BORDNER

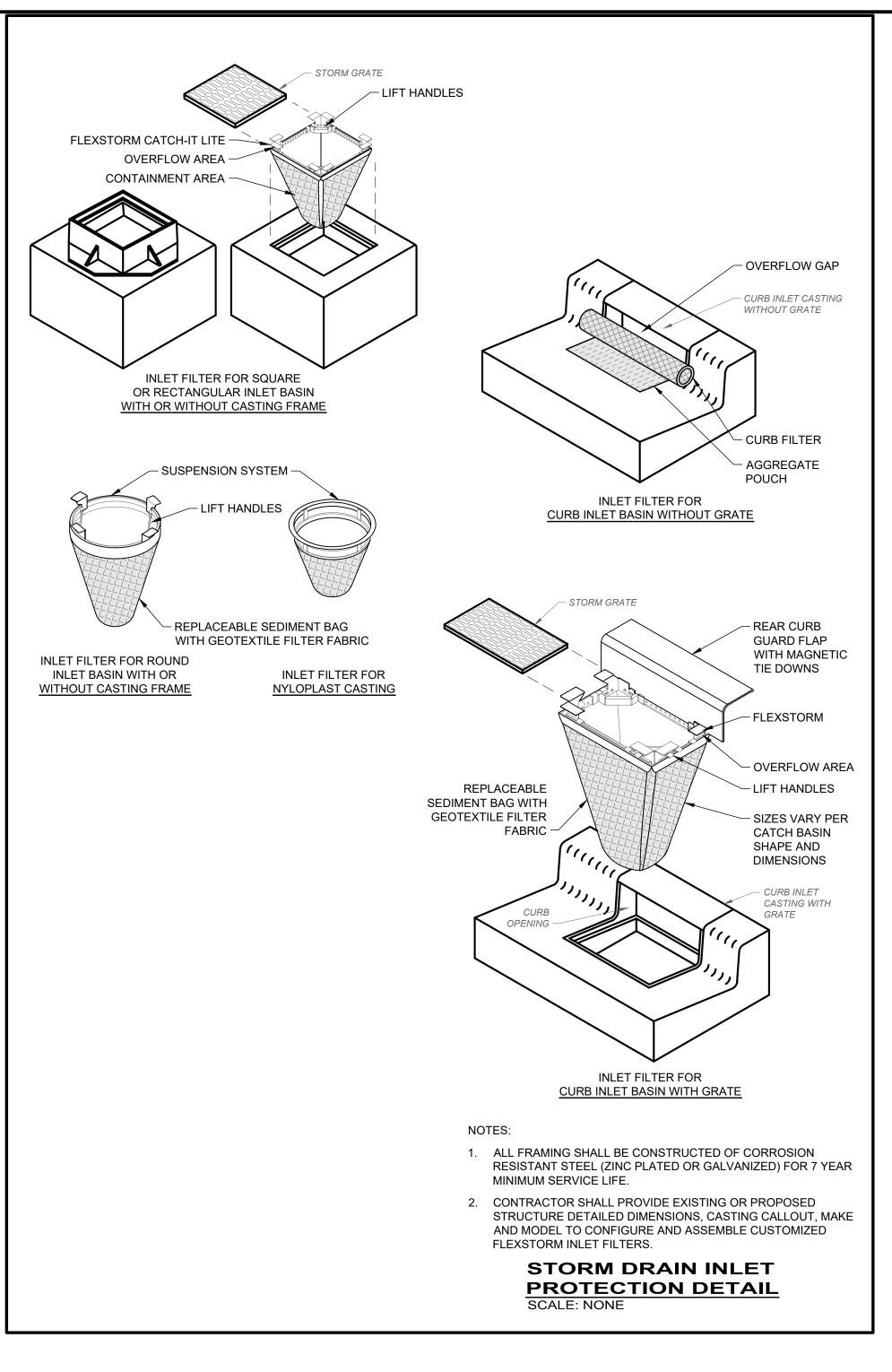


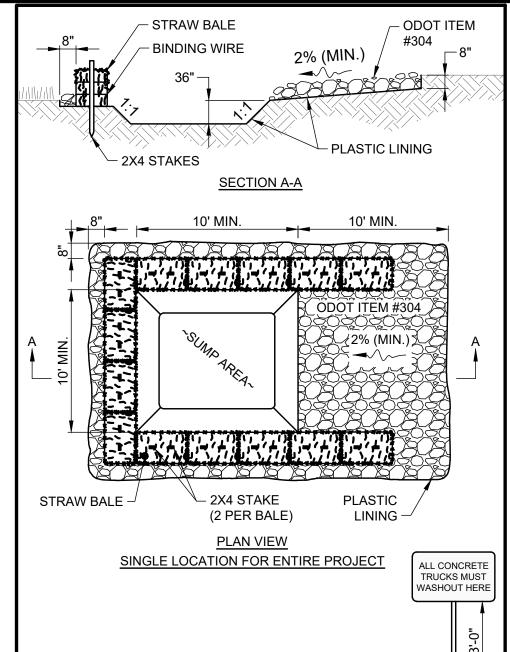
- 1. PRESERVE VEGETATION FOR 5 FEET, OR AS MUCH AS POSSIBLE UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE RE-ESTABLISHED WITHIN 7 DAYS FROM SILT FENCE INSTALLATION.
- 2. SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. PERFORM ONE OF THE FOLLOWING IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW:
- CHANGE THE LAYOUT OF THE SILT FENCE.
- REMOVE ACCUMULATED SEDIMENT.
- INSTALL OTHER PRACTICES.

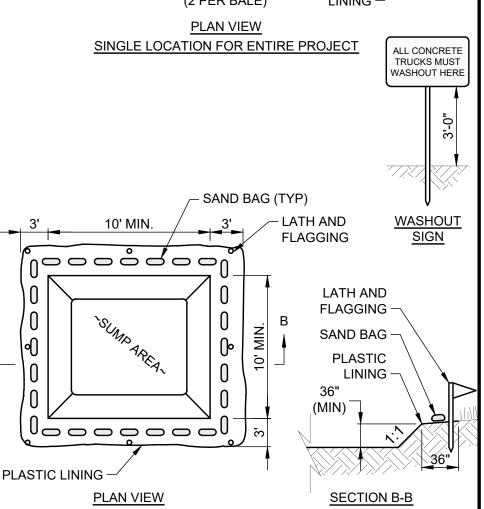
| FABRIC PROPERTIES | VALUES | TEST METHOD |
|------------------------------------|-------------------------|---------------------------|
| GRAB TENSILE STRENGTH | 90 LB. MIN | ASTM D-1682 |
| MULLEN BURST STRENGTH | 190 PSI MIN | ASTM D-3786 |
| SLURRY FLOW RATE | 0.3 GAL./MIN./S.F. MAX. | |
| EQUIVALENT OPENING SIZE | 40-80 | US STD. SIEVE CW-02215 |
| ULTRAVIOLET RADIATION STABILITY | 90% MIN | ASTM-G-26 |

SILT FENCE





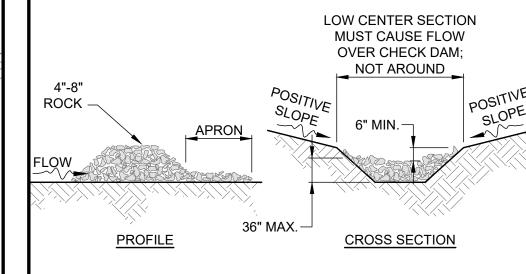




TEMPORARY LOCATION FOR MULTIPLE PHASE PROJECT

- WASHOUT PIT SHALL BE LOCATED 100' MINIMUM FROM INLETS, STREAMS, WETLANDS AND ANY OTHER SURFACE WATERS.
- ALL EXCESS CONCRETE AND CONCRETE WASHOUT, INCLUDING FROM HAND MIXERS AND LIGHT EQUIPMENT, SHALL BE DISPOSED OF IN THE CONCRETE WASHOUT AREA. DISPOSAL OF EXCESS CONCRETE OR CONCRETE WASHOUT ON THE GROUND, OR IN STORM DRAINS, DITCHES OR WATER BODIES, IS PROHIBITED.
- CONCRETE WASHOUT AREA SHALL BE SUFFICIENT SIZE TO CONTAIN CONCRETE WASTE GENERATED. FOR LARGER SITES. MULTIPLE CONCRETE WASHOUT AREAS MAY BE REQUIRED.
- IF CONCRETE WASHOUT AREA IS LOCATED AWAY FROM A PAVED SURFACE, CONSTRUCT A GRAVEL ACCESS ROUTE EQUAL IN COMPOSITION TO THE CONSTRUCTION ENTRANCE.
- PLASTIC LINING SHALL BE DOUBLE-LINED, CONTINUOUS 10-ML POLYETHYLENE SHEETING FREE OF HOLES, TEARS OR OTHER DEFECTS, AND INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF ROCKS OR DEBRIS.
- CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT AREA.
- CONCRETE WASHOUT AREAS SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVERFLOWS.
- PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE, BUT MUST BE SPECIFICALLY DESIGNED FOR CONCRETE WASHOUT USE.
- CONCRETE WASHOUT AREA SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE AND TO DETERMINE IF IT NEEDS CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR POLYETHYLENE SHEETING SHALL BE REPAIRED IMMEDIATELY. THE CONCRETE WASHOUT AREA SHALL BE CLEANED OR REPLACED WHEN IT IS 75% FULL. THE POLYETHYLENE SHEETING SHALL BE REPLACED AFTER EACH CLEANING.
- 10. SAW CUT CONCRETE, RESIDUE FROM SAW CUT, AND GRINDINGS SHALL BE DISPOSED OF IN THE WASHOUT PIT.

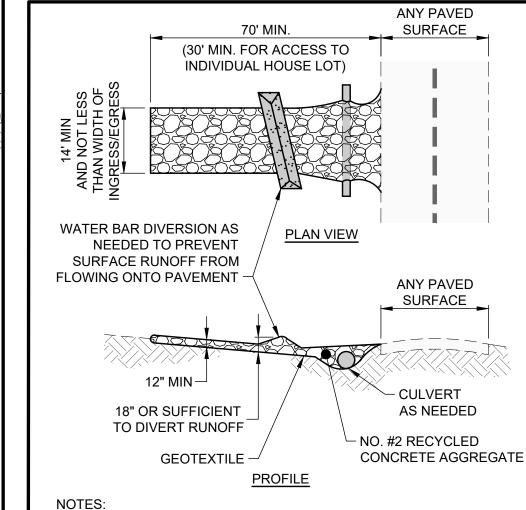
CONCRETE WASHOUT DETAIL



- THE CHECK DAM SHALL BE CONSTRUCTED OF 4" TO 8" DIAMETER STONE, PLACED SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL.
- THE TOP OF THE CHECK DAM SHALL BE CONSTRUCTED SO THE CENTER IS APPROXIMATELY 6" LOWER THAN THE OUTER EDGES; SO WATER WILL FLOW ACROSS THE CENTER AND NOT AROUND THE ENDS.
- THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER OF THE WEIR SHALL NOT EXCEED 36".
- SPACING BETWEEN DAMS SHALL BE AS SHOWN IN THE CONSTRUCTION PLANS OR BY THE FOLLOWING TABLE:

| CHECK DAM SPACING | | | | | | | | | | |
|-------------------|---------------|----------|-----------|-----------|--|--|--|--|--|--|
| DAM | CHANNEL SLOPE | | | | | | | | | |
| HEIGHT | < 5% | 5% - 10% | 10% - 15% | 15% - 20% | | | | | | |
| 1 FT. | 65 FT. | 30 FT. | 20 FT. | 15 FT. | | | | | | |
| 2 FT. | 130 FT. | 65 FT. | 40 FT. | 30 FT. | | | | | | |
| 3 FT. | 200 FT. | 100 FT. | 65 FT. | 50 FT. | | | | | | |

CHECK DAM DETAIL



1. PLACE GEOTEXTILE OVER THE ENTIRE AREA PRIOR TO PLACING STONE MEETING THE MIN. SPECIFICATIONS:

A. TENSILE STRENGTH = 200 LBS. B. PUNCTURE STRENGTH = 80 PSI C. TEAR STRENGTH = 50 LBS. D. BURST STRENGTH = 320 PSI E. ELONGATION = 20%

F. EQUIVALENT OPENING SIZE ≤ 0.6 MM G. PERMITTIVITY = 0.001 CM/SEC

REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6". REMOVE AND REPLACE IF STONES BECOMES MUD-LADEN.

APPLY ADDITIONAL STONE AS CONDITIONS DEMAND AND

- IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES OR TO PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY

CONSTRUCTION ENTRANCE SCALE: NONE

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8150 STERLING COURT MENTOR, OHIO 44060 (440) 951-9000



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| 0/ 0/ | 1 | MANHOLE REPAIR & CODED NOTE UPDATES: ADDENDUM 1 | 6/19/2025 |
| IOTHY J. * * = | | | |
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COLEGATE SEWER REHABILITATION PROJECT

MARIETTA, OHIO

| SCALE: | AS NOTED | | |
|--------------|-----------|-----|--|
| DATE: | 6/16/2025 | | |
| DESIGNED BY: | | TJM | |
| DRAWN B | Y: | JBB | |

CHECKED BY: CPR

CIVIL - 10 SERIES

231342 DRAWING NAME **EC-01** SHEET

PROJECT NO:

EROSION CONTROL DETAILS