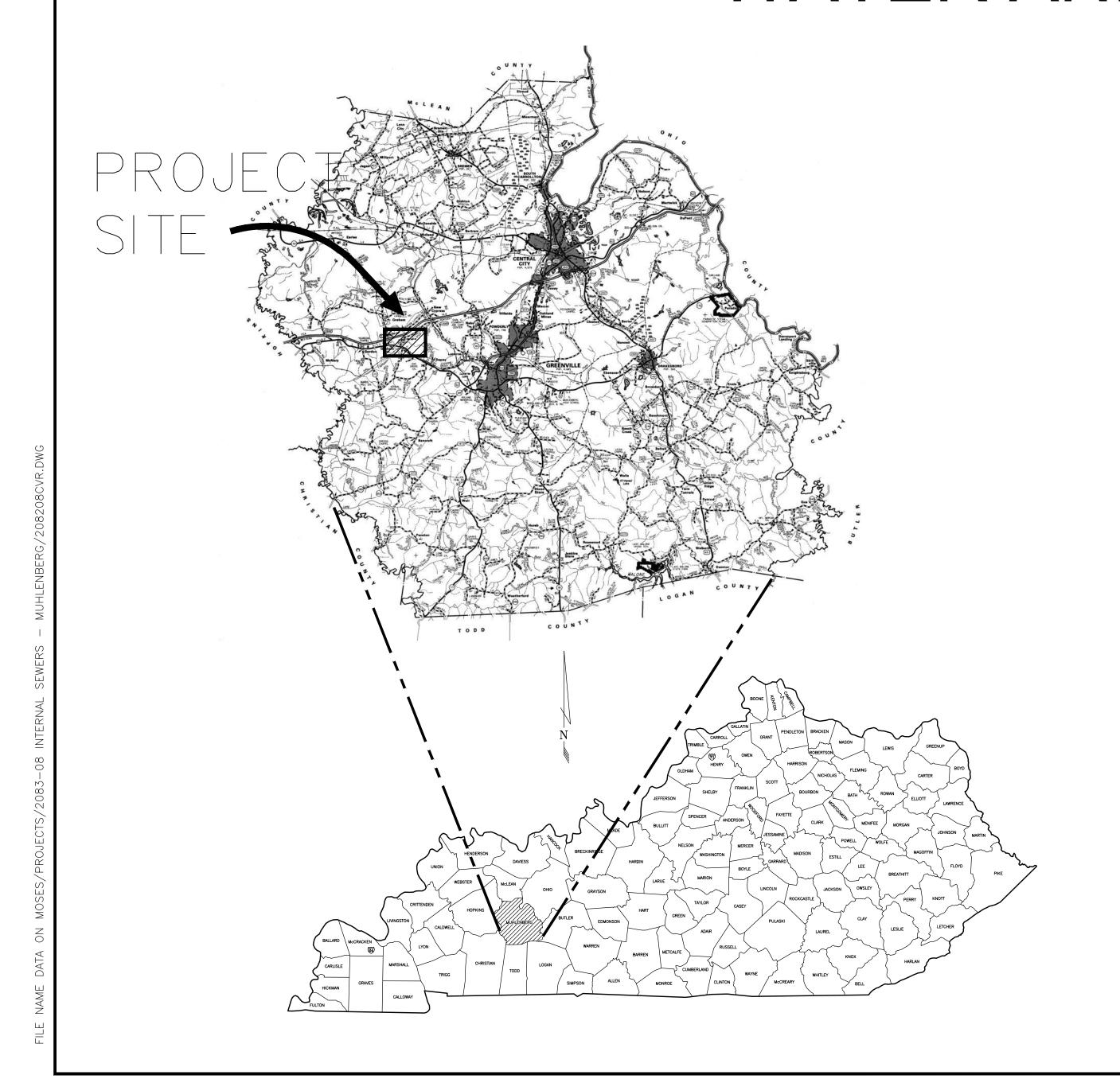
PARADISE PARK REGIONAL INDUSTRIAL DEVELOPMENT AUTHORITY, INC.

MUHLENBERG COUNTY, KENTUCKY

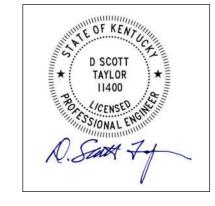
WATER AND SEWER EXTENSIONS



JUNE 2023



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SET NO. _____ MSE PROJECT No. 2083-08

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GENERAL NOTES:

1. PRIOR TO ANY CONSTRUCTION OR DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO ADJACENT FACILITIES DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY OWNERS. SHOULD DAMAGE OCCUR TO EXISTING OR NEW UTILITY SERVICES DURING CONSTRUCTION, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE OWNER. NEW UTILITY WORK, REPAIRS, REPLACEMENTS AND/OR RELOCATIONS SHALL MEET THE APPROVAL OF THE UTILITY OWNER.

2. CONTRACTOR TO MARK AND PROTECT ALL UNDERGROUND UTILITIES AND OVERHEAD OBSTRUCTIONS.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS INCLUDING GRADING PERMIT FROM LOCAL AUTHORITIES AND THE SUBMISSION OF A NOTICE ON INTENT (NOI) FOR STORMWATER DISCHARGE WITH THE KENTUCKY DEPARTMENT OF WATER PRIOR TO ANY CONSTRUCTION ACTIVITY. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) TO THE KENTUCKY DIVISION OF WATER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF ALL PERMITS OBTAINED.

4. VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE "KENTUCKY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES" DATED AUGUST 1994 AS PREPARED BY THE DIVISION OF CONSERVATION AND DIVISION OF WATER, NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET AND/OR THE KENTUCKY TRANSPORTATION CABINET (KYTC) STANDARDS. CONTRACTOR SHALL USE THE "KENTUCKY EROSION PREVENTION AND SEDIMENT CONTROL FIELD GUIDE" AS THE DEFINITION OF REQUIREMENTS FOR CONSTRUCTION ACTIVITY.

5. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN AND MUST BE PROPERLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY OWNER OR THE GOVERNING AGENCY. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RUN-OFF PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MADE IMMEDIATELY WITHIN 24 HOURS.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING CONSTRUCTION ENTRANCES AND SHALL KEEP ALL ROADS AND STREETS FREE ROM MUD, DIRT AND DEBRIS.

7. THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND THE KENTUCKY DEPARTMENT OF HIGHWAYS GUIDANCE MANUAL.

8.THE CONTRACTOR MUST MAINTAIN ACCESS TO EXISTING BUSINESSES AND EXISTING ROADS.

9. IN ADDITION TO PREVENTING SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION, THE CONTRACTOR MUST MINIMIZE OR ELIMINATE THE POTENTIAL FOR CHEMICAL CONTAMINANTS TO ENTER THE SOIL OR BE CARRIED ACROSS THE SITE BY STORM WATER. POTENTIAL CONTAMINANTS NORMALLY ASSOCIATED WITH CONSTRUCTION ACTIVITY INCLUDE GASOLINE AND DIESEL FUEL, OIL, GREASE, ANTIFREEZE, TERMITE SOIL TREATMENT CHEMICALS, FERTILIZER, ASPHALT OILS, EMULSIONS AND SMALL PARTICLE SIZE CONSTRUCTION DEBRIS. THE CONTRACTOR MUST EMPLOY VARIOUS BEST MANAGEMENT PRACTICES TO ELIMINATE OR MINIMIZE THE POTENTIAL FOR THESE CONTAMINANTS TO REACH THE SOIL AND/OR DRAINAGE SYSTEMS.

10. ALL SURFACE RUNOFF SHALL BE DIRECTED AWAY FROM ROADWAYS AND BUILDINGS AND DIRECTED TO DRAINAGE STRUCTURES, DITCHES OR SWALES.

11. CONTRACTOR SHALL ACCURATELY RECORD ALL UTILITIES CONSTRUCTED OR ENCOUNTERED ON "AS-BUILT" DRAWINGS AND PROVIDE TO OWNER AND ENGINEER.S

12. MATERIALS AND METHODS OF CONSTRUCTION FOR GRADING AND DRAINAGE STRUCTURES INCLUDING PIPING AND HEADWALLS SHALL BE IN ACCORDANCE WITH

13. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY AREAS WHERE UNACCEPTABLE SOILS, SINKHOLES, WET AREAS OR OTHER CONDITIONS ARE ENCOUNTERED

WHICH MAY ADVERSELY AFFECT THE SITE. IF DIRECTED BY ENGINEER, REMOVE UNSUITABLE SOILS AND REPLACE THEM WITH ACCEPTABLE SOILS.

14. EARTH AND ROCK WORK IS UNCLASSIFIED. NO EXTRA PAYMENT WILL BE MADE FOR ROCK EXCAVATION

15. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS IN GRADING PLAN AS NECESSARY TO PROVIDE FOR SMOOTH TRANSITION FOR EXISTING ENTRANCES.

16. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. CONTRACTOR SHALL MAKE ADJUSTMENTS TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE.

17. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE EARTHWORK (EXCAVATION AND EMBANKMENT) QUANTITIES.

KENTUCKY TRANSPORTATION CABINET (KYTC) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION.

18. AREAS TO BE FILLED, EXCAVATED, LANDSCAPED, OR REGRADED SHALL BE STRIPPED OF ALL VEGETATION AND TOPSOIL. ALL TOPSOIL SHALL BE STOCKPILED FOR REDISTRIBUTION. STOCKPILE AREAS SHALL HAVE SOIL EROSION PROTECTION IN THE FORM OF SILT FENCING INSTALLED AROUND THE PERIMETER OR OTHER SUCH ACCEPTABLE MEASURES.

19. ALL SOIL FILL MATERIAL PLACED ON THIS PROJECT SHOULD BE COMPACTED WITH APPROPRIATE EQUIPMENT IN UNIFORM LAYERS TO THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) AS RECOMMENDED IN THE GEOTECHNICAL REPORT FOR THIS PROJECT.

20. FILL MATERIAL SHALL BE PROPERTY MONITORED USING FIELD DENSITY TEST CHECKS. ALL TESTING SHALL BE PROVIDED BY A QUALIFIED INDEPENDENT TESTING AGENCY. SHOULD REPORTS INDICATE SPECIFIED COMPACTION IS NOT ACHIEVED, THE CONTRACTOR SHALL REMOVE MATERIAL, REPLACE, AND RETEST AT NO ADDITIONAL COST TO THE OWNER UNTIL ACCEPTABLE RESULTS ARE ACHIEVED. COPIES OF TEST REPORTS SHALL BE PROVIDED TO THE ENGINEER.

21. CONTRACTOR SHALL PROVIDE REDISTRIBUTION OF STOCKPILED OR IMPORT TOPSOIL AS REQUIRED OVER ALL FINISHED GRADE SOIL ARES TO A MINIMUM OF 12 INCHES AND PROVIDE FINAL SITE GRADING TO INSURE POSITIVE DRAINAGE AWAY FROM ROADWAYS AND BUILDINGS. AFTER FINAL GRADING, ANY LOW SPOTS WHICH ALLOW WATER TO POND SHALL MAKE ANY NECESSARY MINOR GRADE ADJUSTMENTS AS REQUIRED TO BEST FIT THE ACTUAL SITE CONDITIONS. CONTRACTOR SHALL PROVIDE BORROW MATERIAL AS REQUIRED FOR FILLING EXCAVATIONS. HOLES AND OTHER SUCH OPENINGS.

22. ALL EARTH GRADED AREAS SCARRED OR DENUDED BY THE CONSTRUCTION ACTIVITY SHALL BE SEEDED AND PROTECTED IN ADDITION TO THE PROVISIONS OF OTHER EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED.

23. ALL SURPLUS AND WASTE MATERIALS SHALL BE TRANSPORTED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS AND CODES UNLESS OTHERWISE APPROVED BY OWNER. NO BURNING OR BURYING OF TREES, BRUSH, CONSTRUCTION DEBRIS, RUBBISH, ETC. SHALL BE ALLOWED ON SITE UNLESS OWNER APPROVAL IS OBTAINED.

UTILITY CONSTRUCTION WITHIN ROADWAY AREA

NO ADDITIONAL FUNDS WILL BE PAID TO CONTRACTOR FOR SPECIAL CONSTRUCTION NECESSARY TO COMPLY WITH THE FOLLOWING REQUIREMENTS:

UTILITY CONTRACTOR SHALL INSURE THAT FINISHED PIPELINES, BOTH WATER AND SEWER, HAVE SPECIFIED DEPTH OF COVER FROM FINISHED GRADES, INCLUDING ROADWAY AND ROADWAY DITCHES. CAREFUL ATTENTION SHALL BE PAID TO AVOID CONFLICT WITH PROPOSED DITCHES, STORM DRAINS AND ROADWAY EXCAVATION. BACKFILL IN PIPELINES WITHIN THE ROADWAY LIMITS (PAVEMENT AND SHOULDERS) SHALL BE CRUSHED STONE AS SPECIFIED. UTILITY CONTRACTORS SHALL INCLUDE EXTRA DEPTH TRENCHING IF NECESSARY TO YIELD REQUIRED COVER AFTER ROADWAY EXCAVATION AND USE CRUSHED STONE TO THE ELEVATION NECESSARY TO YIELD A CRUSHED STONE TRENCH BACKFILL UNDER PAVEMENT AND SHOULDERS.

UTILITY GENERAL NOTES

EXISTING GRADE ELEVATIONS SHOWN IN PROFILE AND CONTOURS SHOWN IN PLAN VIEW WERE COMPILED BY COMPUTER METHODS FROM AERIAL PHOTOGRAPHY.

CONTRACTOR IS TO PERFORM LAY-OUT AND PRODUCE CUT-SHEETS FOR VERIFICATION OF LINE DEPTHS AND MANHOLE QUANTITIES. CONTRACTOR SHALL UTILIZE CUT-SHEETS IN THE PREPARATION OF HIS AS-BUILT DRAWING TO ACCURATELY PORTRAY THE PROFILE. CUT-SHEETS WILL BE FIELD VERIFIED BY ENGINEER. CONTRACTOR SHALL, DETERMINE THE BOUNDS OF CONSTRUCTION EASEMENTS AND RIGHT-OF-WAYS AND CONFINE ALL CONSTRUCTION ACTIVITY TO THESE AREAS, PROVIDE CONSTRUCTION WARNING SIGNS, BARRICADES AND FLAGMEN AS NECESSARY. CONTRACTOR SHALL PREVENT SOIL EROSION, CONTROL SILT RUN-OFF, PROVIDE MULCH, SILT FENCES, STRAW BALES OR OTHER MEASURES AS NECESSARY. CONTRACTOR SHALL LOCATE ANY EXISTING UTILITIES.

WHERE EXISTING UTILITIES ARE SHOWN, LOCATIONS ARE APPROXIMATE. CONSULT WITH APPLICABLE UTILITY COMPANIES TO DETERMINE EXACT LOCATIONS OF MAINS AND SERVICE LINES PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PRIVATE PROPERTY. BORE ALL ASPHALT AND CONCRETE PAVEMENT UNLESS THE OWNER APPROVES OPEN CUTTING AND REPAIR. DO NOT CUT FENCES UNLESS THE OWNER APPROVES CUTTING AND REPAIR.

THE CONTRACTOR SHALL HAVE ON HAND AT THE JOB SITE $11\frac{1}{4}$, $22\frac{1}{2}$, 45, AND 90 DEGREE BENDS TO ALLOW FOR THEIR USE WHERE THE ENGINEER REQUIRES INSTALLATION AS NECESSARY.

PIPE JOINT DEFLECTION IS NOT TO EXCEED MANUFACTURER'S ALLOWABLE LIMITS.

AT SOME LOCATIONS, THE CONTRACTOR MAY BE REQUIRED TO PROVIDE EXTRA COVER OVER LINE. COST OF EXTRA COVER IS TO BE INCLUDED IN UNIT PRICE BID FOR LINE INSTALLATION AND NO SEPARATE PAYMENT WILL BE MADE FOR SUCH EXTRA COVER. ALL SUCH LOCATIONS ARE SHOWN ON THE PLANS.

AIR RELEASE VALVE AND AIR VACUUM VALVE LOCATIONS SHOWN ON THE PLANS ARE GENERAL. THE EXACT LOCATIONS SHOULD BE AT THE LOCAL HIGH ELEVATION IN THE VICINITY OF THE ARV OR AVV SHOWN ON THE PLANS.

WATER AND SEWER SEPARATION REQUIREMENT

WATER AND SEWER PARALLEL CONSTRUCTION

ALL WATER AND SEWER FACILITIES SHALL BE SEPARATED BY A MINIMUM OF 10 FEET MEASURED AS THE SHORTEST DISTANCE BETWEEN CLOSEST POINTS. NO WATER MAIN MAY BE CONSTRUCTED WITHIN 10 FT OF A SEWER MAIN, FORCE MAIN, MANHOLE OR ANY OTHER APPURTENANCE EXCEPT FOR CROSSINGS SHOWN ON THE PLANS. CROSSING SHALL MEET THE FOLLOWING REQUIREMENT.

SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE WATER MAIN IS EITHER ABOVE OR BELOW THE SEWER. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO MAINTAIN LINE AND GRADE.

WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS STIPULATED ABOVE, ONE OF THE FOLLOWING METHODS SHALL BE REQUIRED:

A. THE SEWER SHALL BE DESIGNED AND CONSTRUCTED EQUAL TO WATER PIPE, B. EITHER THE WATER MAIN OR THE SEWER LINE MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE THAT EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING, MEASURED PERPENDICULAR TO THE WATER MAIN. THE CARRIER PIPE SHALL BE

MADE OF MATERIALS APPROVED BY THE REGULATORY AGENCY FOR USE IN WATER MAIN CONSTRUCTION.

STREAM CROSSING REQUIREMENTS

THE CONTRACTOR SHALL CONSTRUCT STREAM CROSSINGS IN ACCORDANCE WITH THE PLANS, SPECIFICATION AND THE FOLLOWING CONSTRAINTS:

(1) DURING THE CONSTRUCTION OF THE CROSSING, NO MATERIAL MAY BE PLACED IN THE STREAM OR IN THE FLOOD PLAIN OF THE STREAM TO FORM CONSTRUCTION PADS, COFFER DAMS, ACCESS ROADS, ETC.,

(2) THE TRENCH SHALL BE BACKFILLED AS CLOSELY AS POSSIBLE TO THE ORIGINAL CONTOUR. ALL EXCESS MATERIAL FROM CONSTRUCTION OF THE TRENCH SHALL BE DISPOSED OF OUTSIDE OF THE FLOOD PLAIN. (3) FOR SUBFLUVIAL CROSSINGS OF ERODIBLE CHANNELS, THERE SHALL BE AT LEAST THIRTY (30) INCHES CLEAR TO

THE TOP OF THE PIPE OR CONDUIT AT ALL POINTS. (4) FOR SUBFLUVIAL CROSSINGS OF NONERODIBLE CHANNELS, THERE SHALL BE AT LEAST SIX (6) INCHES OF CLEAR COVER ABOVE THE TOP OF THE PIPE OR CONDUIT AT ALL POINTS, AND THE PIPE OR CONDUIT SHALL BE ENCASED ON ALL SIDES BY AT LEAST SIX (6) INCHES OF CONCRETE.

GENERAL NOTES

- 1. WHERE OFFSETS ARE NOTED UNLESS OTHERWISE STATED OR SHOWN, THEY ARE WITH RESPECT TO THE CENTERLINE OF THE HIGHWAY, ROAD, OR STREET, EDGE OF PAVEMENT, FENCELINE, ETC., ALONG WHICH THE WATERLINE TRAVERSES.
- 2. BEFORE CONSTRUCTION BEGINS NEAR OR THROUGH EXISTING UTILITIES (i.e. GAS CO., TELEPHONE CO., CABLE CO., ETC.) EACH UTILITY COMPANY SHALL BE NOTIFIED. A REQUEST FOR THE EXACT LOCATION OF THE UTILITY SHALL BE MADE, AND PERMISSION TO PROCEED WITH CONSTRUCTION OBTAINED.
- 3. BEFORE CONSTRUCTION BEGINS THROUGH ANY PROPERTY, THE CONTRACTOR SHALL MAKE HIMSELF AWARE OF THE EXACT LOCATION OF CONSTRUCTION THROUGH THE PROPERTY AND THE BOUNDS OF THE PERMANENT AND TEMPORARY CONSTRUCTION EASEMENTS.
- 4. PIPE JOINT DEFLECTION IS NOT TO EXCEED MANUFACTURER'S ALLOWABLE LIMITS.
- 5. AT SOME LOCATIONS, THE CONTRACTOR MAY BE REQUIRED TO PROVIDE EXTRA COVER OVER LINE. COST OF EXTRA COVER IS TO BE INCLUDED IN UNIT PRICE BID FOR LINE INSTALLATION AND NO SEPARATE PAYMENT WILL BE MADE FOR SUCH EXTRA COVER. ALL SUCH LOCATIONS ARE SHOWN ON THE PLANS.
- 6. CONNECTING NEW LINES TO EXISTING LINES OR TO WORK IN THEIR CONTRACTS IS SUBSIDIARY TO THE CONTRACT. IT INCLUDES FITTINGS, SLEEVES, ETC., BUT DOES NOT INCLUDE GATE VALVES, WHICH ARE EXTRA PAY ITEM.
- 7. AIR RELEASE VALVE AND AIR VACUUM VALVE LOCATIONS SHOWN ON THE PLANS ARE GENERAL. THE EXACT LOCATIONS SHOULD BE AT THE LOCAL HIGH ELEVATION IN THE VICINITY OF THE ARV OR AVV SHOWN ON THE PLANS.
- 8. ALL STREAM AND RIVER CROSSINGS GREATER THAN 15 FEET WIDE SHALL HAVE GATE VALVES INSTALLED ON EACH SIDE OF THE CROSSING. THE VALVE ON THE SOURCE SIDE SHALL HAVE A BY-PASS SERVICE METER INSTALLED FOR LEAK DETECTION.
- 9. ALL WATER LINES WITHIN 200 FEET RADIUS OF UNDERGROUND STORAGE TANKS (KRS-224.6-100), PETROLEUM STORAGE TANKS (KRS-224.60-115) AND ASSOCIATED PUMPS AND LINES SHALL BE DUCTILE IRON PIE WITH PETROLEUM RESISTANT JOINTS AND ALL SERVICE LINE SHALL BE COPPER.

UTILITY NOTES

CRAIG PORTER 301 DEAN ROAD

WASTEWATER

CITY OF GREENVILLE UTILITY OFFICE 118 COURT ROW GREENVILLE, KY 42345

ELECTRIC SERVICE PROVIDER KENTUCKY UTILITIES

- CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN THE AREA OF THE AFFECTED UTILITY.
- 3. ANY INTERRUPTIONS IN SERVICE MUST BE MINIMIZED AND SCHEDULED WITH THE UTILITY.
- ALL CASINGS FOR FUTURE USE MUST BE SEALED AND MARKED AT EACH END WITH A STEEL POST MIN. 6' LENGTH.

Know what's **below**.

Call before you dig.

ALL PIPE MATERIALS, FITTINGS, ETC. MUST MEET THE APPROVAL OF THE APPLICABLE UTILITY.

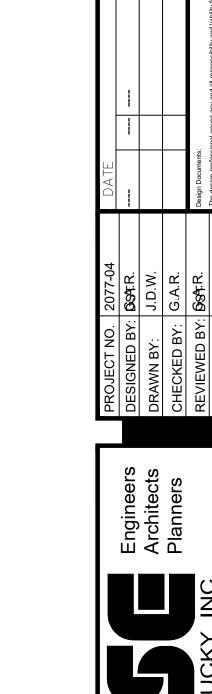


UTILITY CONTACTS:

MUHLENBERG COUNTY WATER DISTRICT

GREENVILLE, KY 42345 270-338-1300

TELEPHONE/FIBER OPTIC AT&T/COMCAST CABLE

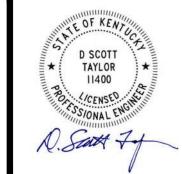


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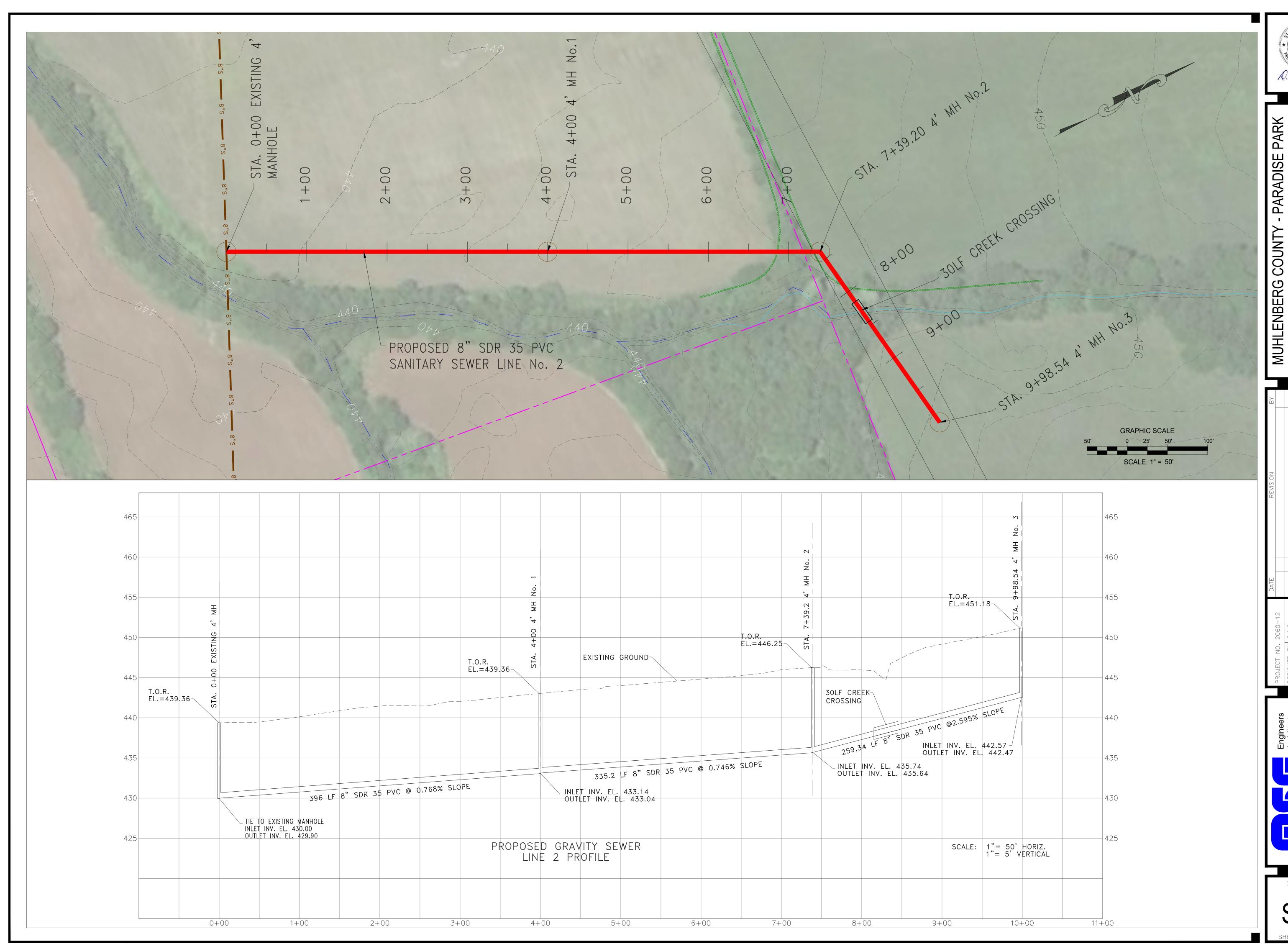
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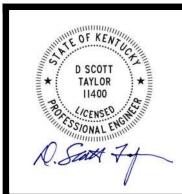
GENERAL NOTES



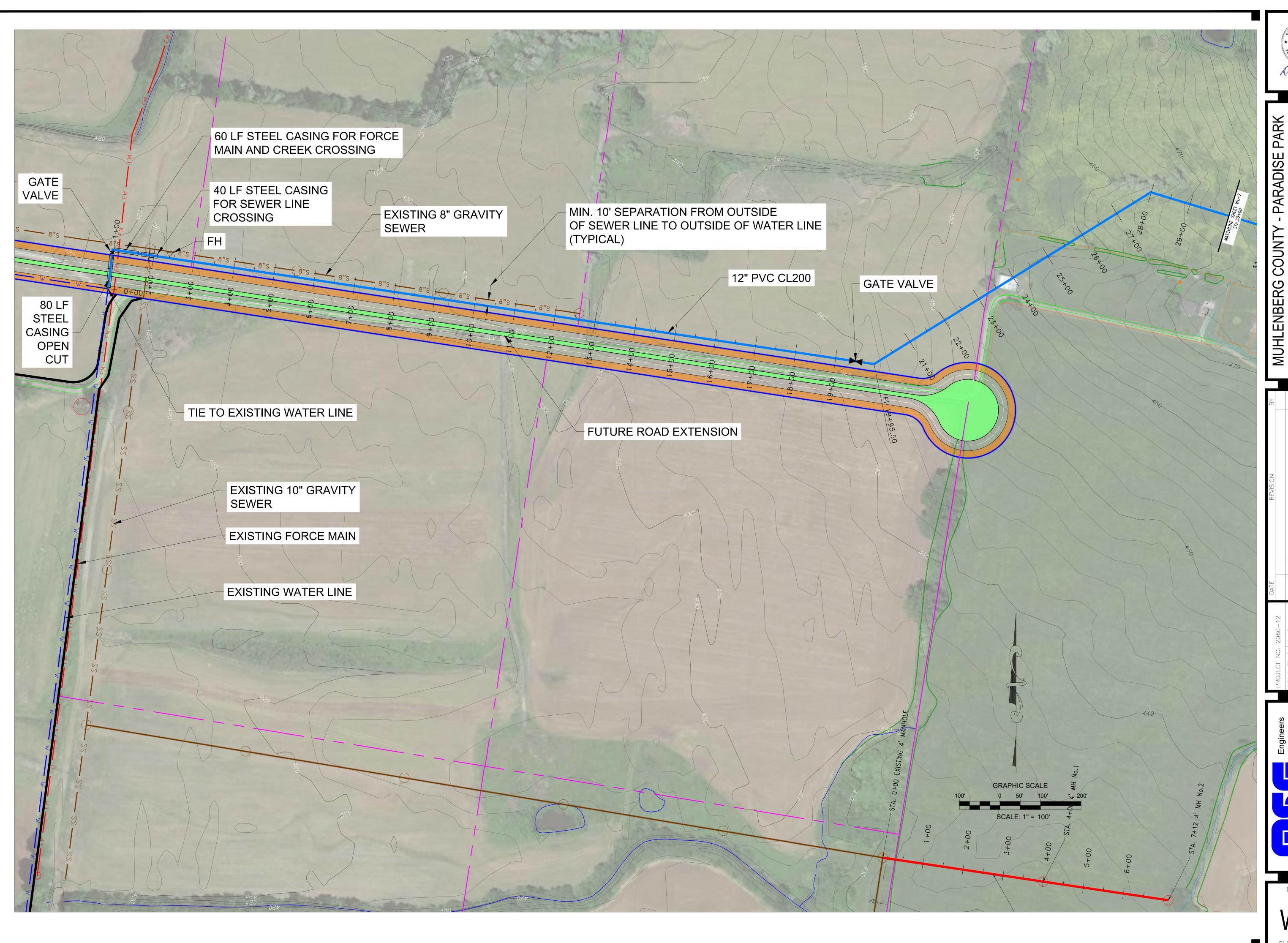


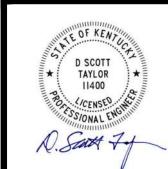
- PARADISE PARK **EXTENSIONs** PDI SEWER LINE MUHLENBERG COUNTY 2021





2021 PDI SEWER LINE EXTENSIONS





NBERG COUNTY - PARADISE PARK PDI WATER MAIN EXTENSION

DATE

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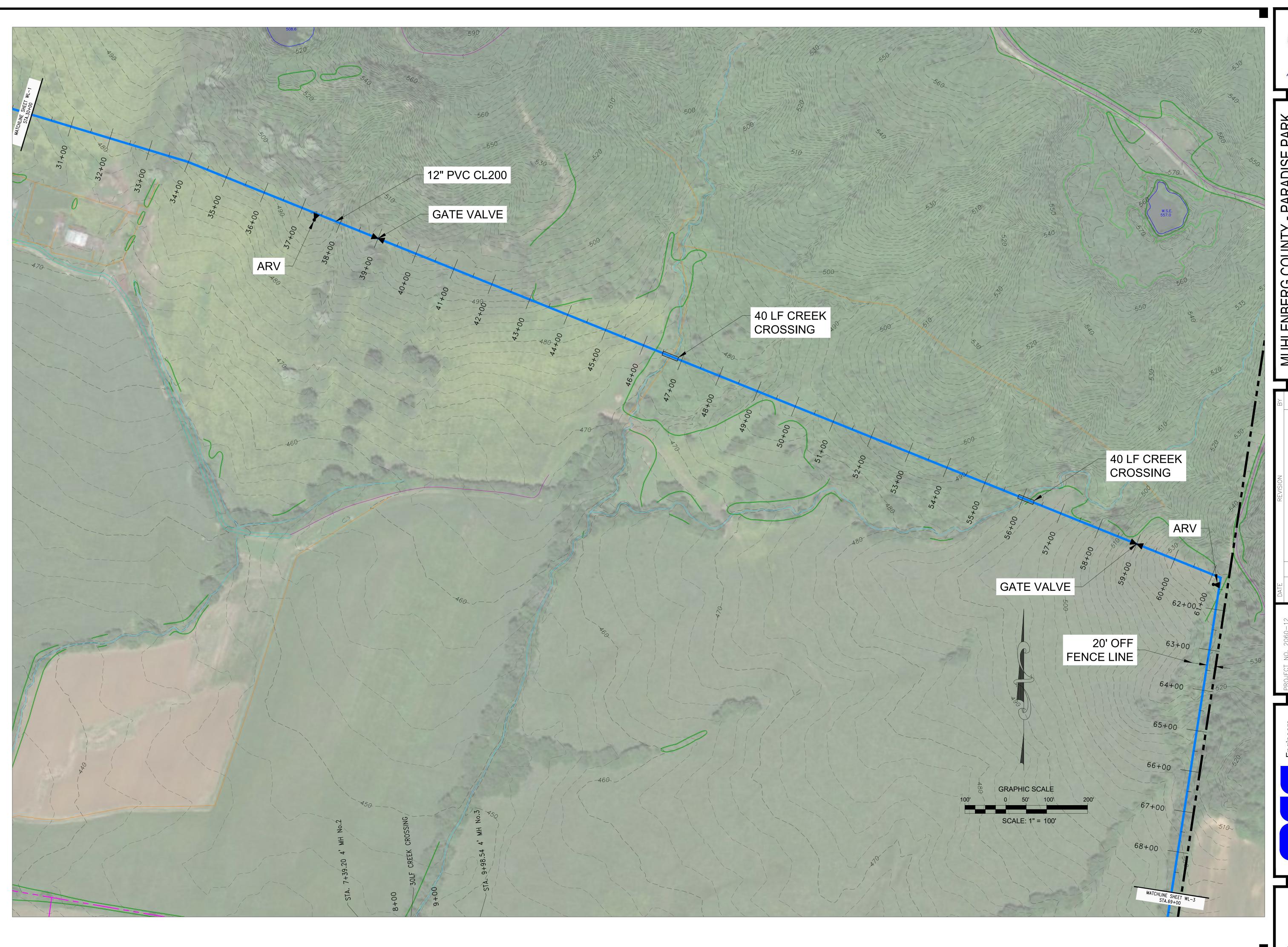
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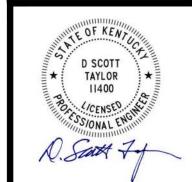
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624 Wellington Way Phone: (859 Lexington, KY 40503 Fax: (859 Pax)

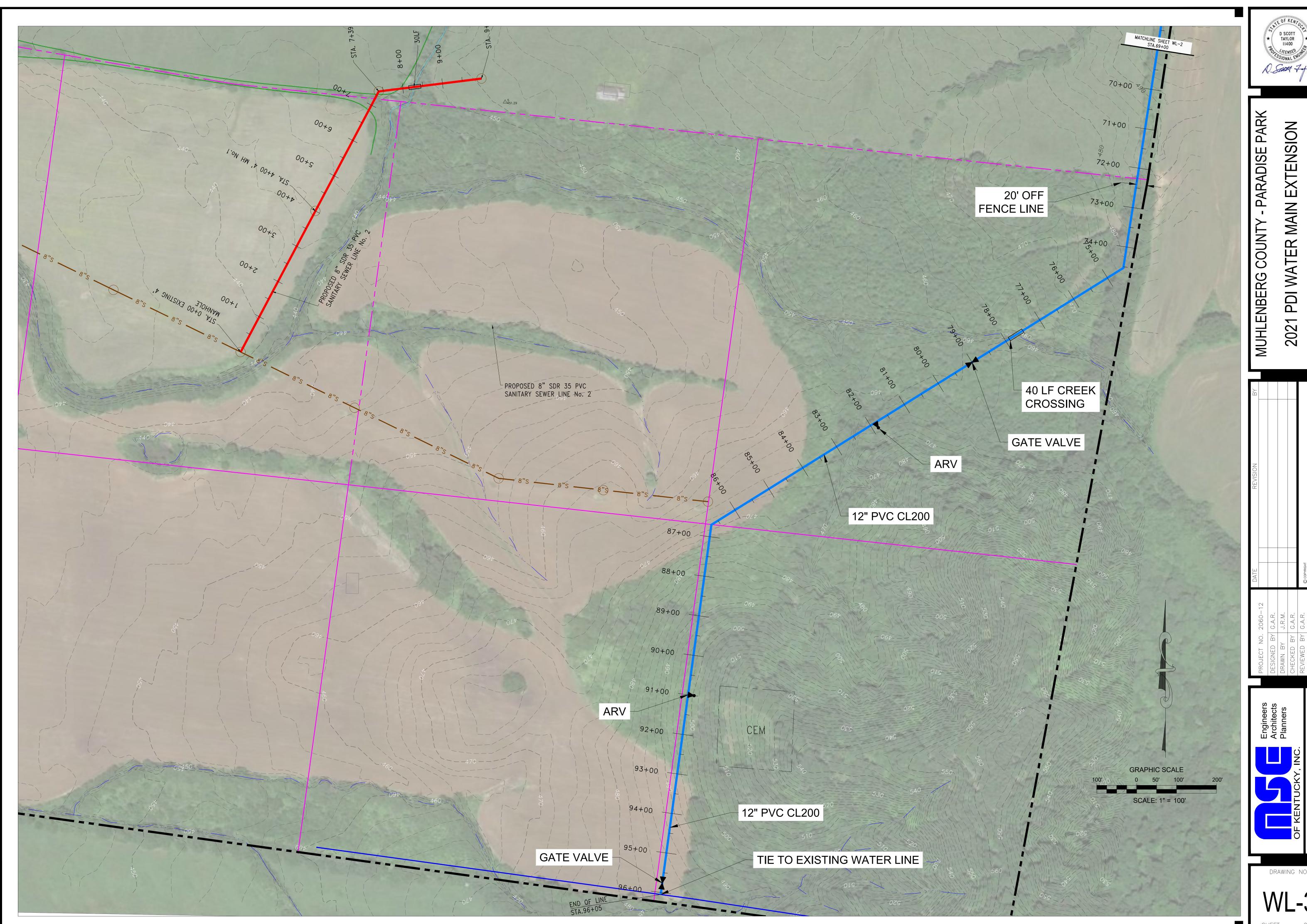
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WL-1





- PARADISE PARK 2021 PDI WATER MAIN EXTENSION MUHLENBERG





DRAWING NO. WL-3



- PARADISE PARK
E EXTENSIONS
VER DETAILS

MUHLENBERG COUNTY - PARADISI 2021 PDI SEWER LINE EXTENS STANDARD SEWER DETAIL

PROJECT NO.

DESIGNED BY:
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REVIEWED BY:
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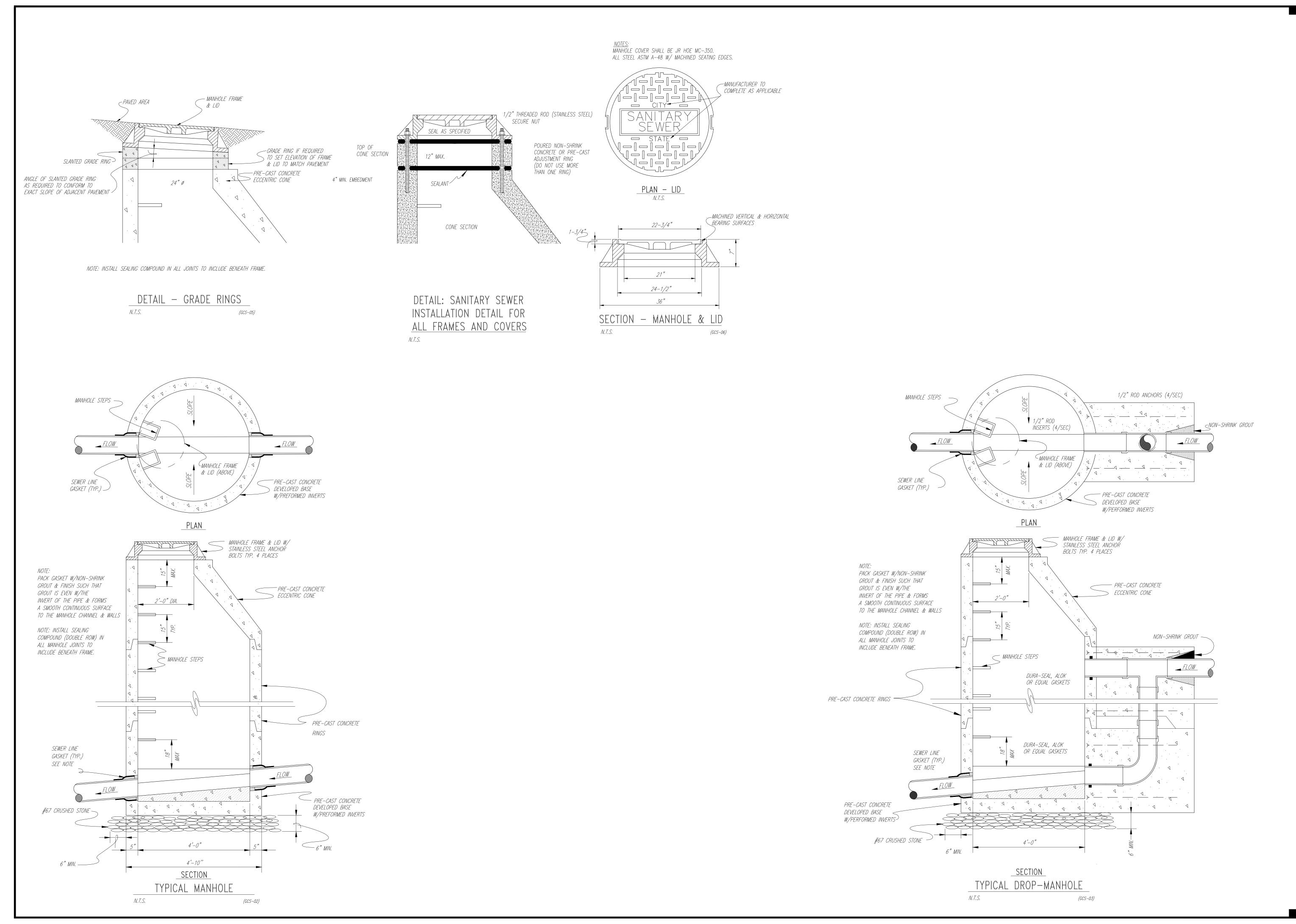
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MUHLENBERG COUNTY - PARADISE PARK
2021 PDI SEWER LINE EXTENSIONS

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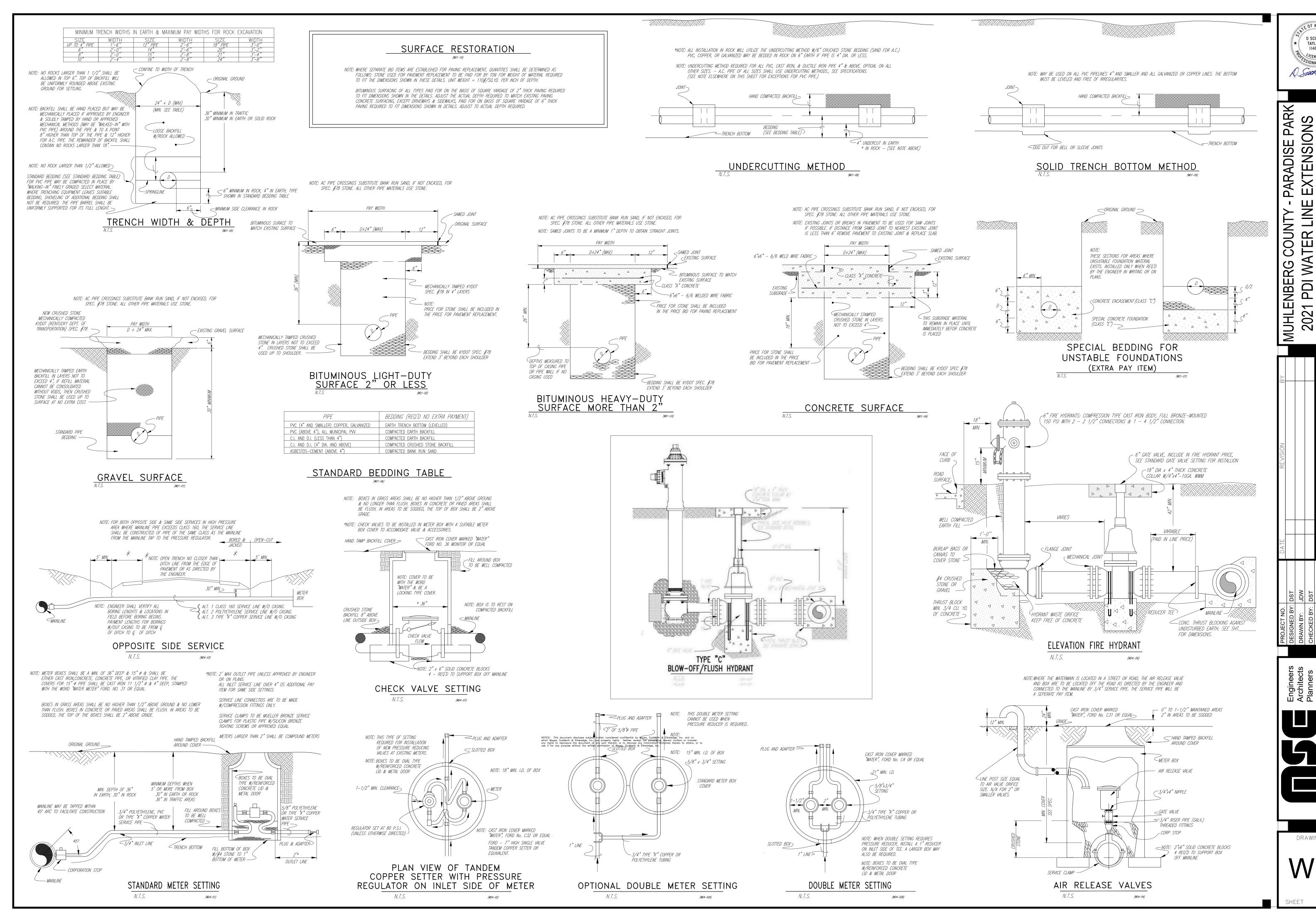
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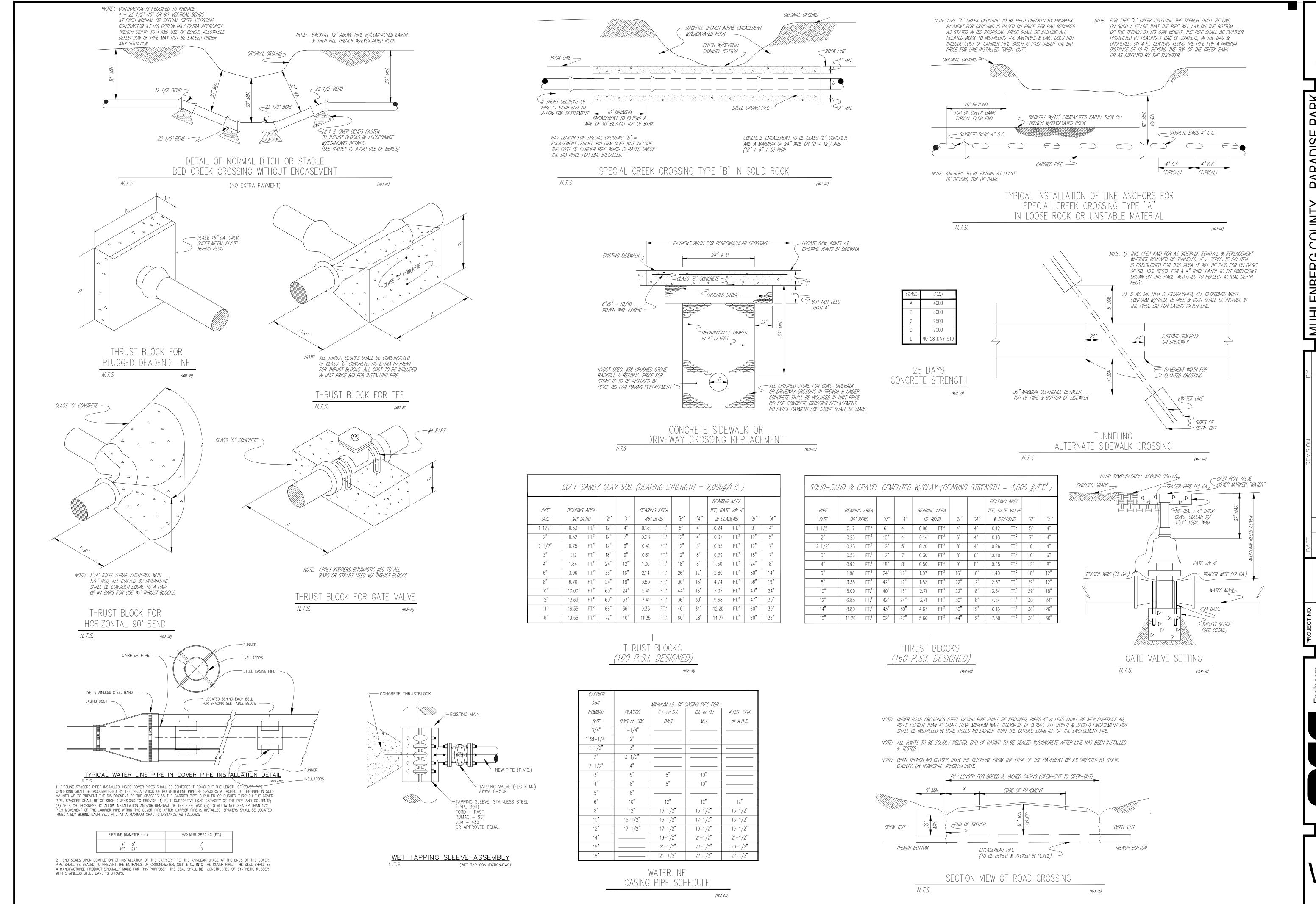
Engineers
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D SCOTT TAYLOR 11400

- PARADISE PARK E EXTENSIONS LINE

DETAIL ERG COUNTY WATER LIN RD TAND/ 10HLENBERG (2021 PDI WA)

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