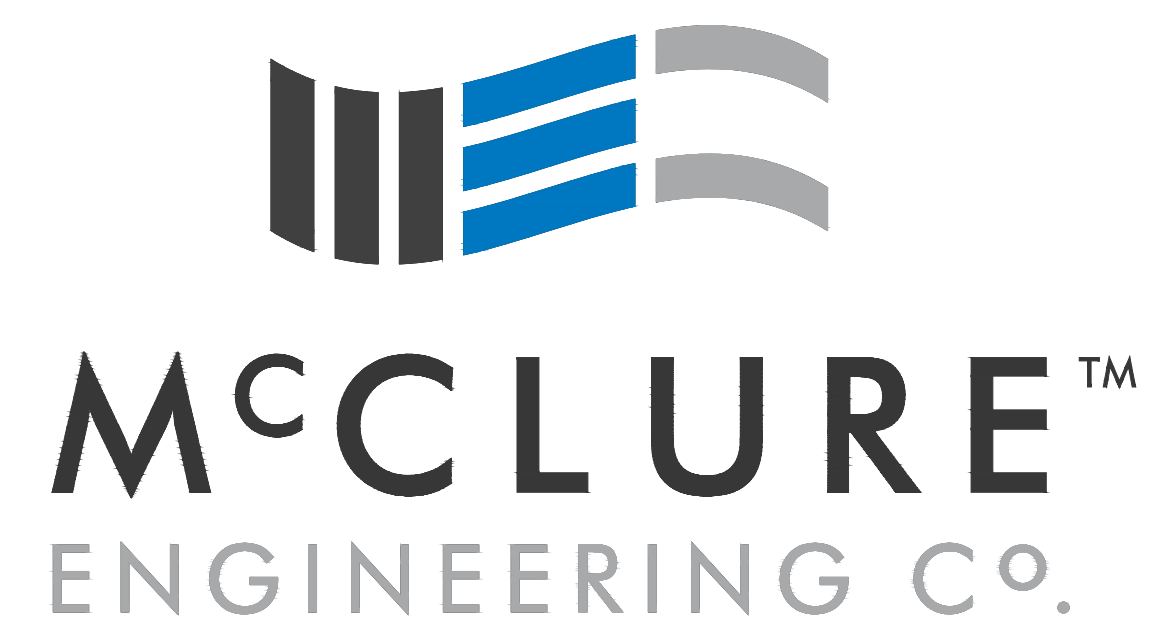


EMERGENCY VEHICLE OPERATIONS COURSE RENOVATE TO CREATE DYNAMIC CRASH TESTING SITE JEFFERSON CITY, MISSOURI



2001 W Broadway
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building strong communities.

OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

DEPARTMENT OF PUBLIC SAFETY
MISSOURI STATE HIGHWAY PATROL

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: McCLURE ENGINEERING COMPANY
JOSEPH H. TUEY, P.E.
JTUEY@MCCLUREVISION.COM

PROJECT NUMBER: R2501-01

SITE NUMBER: 6012

ASSET NUMBER: 8136012001

LIST OF DRAWINGS		
NUMBER	TITLE	DESCRIPTION
1	G-001	COVER SHEET
2	G-002	VICINITY MAP & NOTES
3	G-003	TECHNICAL SPECIFICATIONS SHEET 1
4	G-004	EXISTING CONDITIONS & LEGEND
5	C-100	IMPROVEMENT PLAN - BASE BID & BID ALTERNATE 2
6	C-101	IMPROVEMENT PLAN - BID ALTERNATE 1
7	C-200	GRADING PLAN BASE BID & BID ALTERNATE 2
8	C-201	GRADING PLAN - BID ALTERNATE 1
9	C-500	DETAILS

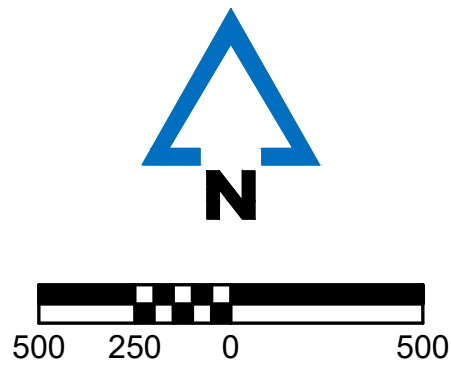
SHEET NUMBER:

G-001

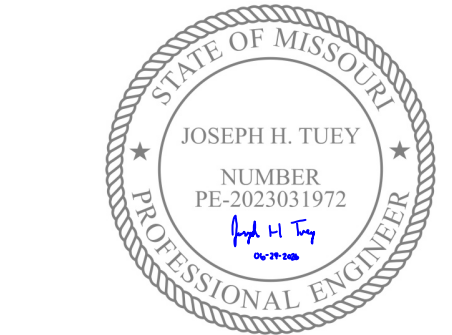
1 OF 9 SHEETS
JUNE 29, 2026



- GENERAL NOTES:**
1. THESE PLANS WERE GENERATED FROM AVAILABLE RECORDS OF EXISTING BUILDING DOCUMENTS AND FIELD SURVEYS CONDUCTED FOR THIS PROJECT. FIELD VERIFICATION OF ALL ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE PLANS SHOULD BE MADE PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. McCLURE ENGINEERING COMPANY DOES NOT IMPLY OR GUARANTEE ACCURACY OF THE EXISTING INFORMATION REPRESENTED ON THE PLANS.
 2. NOTIFY UTILITY COMPANIES WHOSE UTILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN THE CONSTRUCTION LIMITS OF THE SCHEDULE PRIOR TO EACH STAGE OF CONSTRUCTION.
 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
 4. MISSOURI UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION STATUTE (RSMo CHAPTER 319) REQUIRES NOTICE TO MISSOURI ONE CALL 1-800-DIG-RITE (OR 811) NOT LESS THAN 72 HOURS OR MORE THAN 10 WORKING DAYS PRIOR TO BEGINNING EXCAVATION, EXCLUDING WEEKENDS AND HOLIDAYS. SEE WWW.MO1CALL.COM FOR ADDITIONAL DETAILS.
 5. THE MEANS AND METHODS OF SAFETY OF THE CONTRACTOR'S EMPLOYEES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR
 6. NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR AUTHORIZATION OF THE OWNER'S REPRESENTATIVE.
 7. PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
 8. MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.
 9. SITE CLEAN-UP SHALL BE PERFORMED ON AN DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
 10. ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
 11. REPLACE ANY PROPERTY MONUMENTS REMOVED, DISTURBED OR DESTROYED DURING CONSTRUCTION. MONUMENTS SHALL BE SET BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF MISSOURI.
 12. CONTROL DUST SPREADING FROM ALL WORK AND STAGING AREAS.
 13. ANY WORK REQUIRED TO COMPLETE THE SCOPE OF THIS PROJECT BUT NOT SPECIFICALLY CALLED OUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE COMPLETION OF THIS WORK.
 14. REPAIR OR REPLACE EXISTING FACILITIES (CURBS, PAVEMENT, UTILITIES, ETC.) TO REMAIN, AT NO ADDITIONAL EXPENSE TO THE OWNER.
 15. WORK THAT DOES NOT CONFORM TO THE REQUIREMENTS OF THE CONTRACT WILL BE CONSIDERED UNACCEPTABLE. UNACCEPTABLE WORK, WHETHER THE RESULT OF POOR WORKMANSHIP, USE OF DEFECTIVE MATERIALS, DAMAGE THROUGH CARELESSNESS OR ANY OTHER CAUSE, FOUND TO EXIST PRIOR TO THE FINAL ACCEPTANCE OF THE WORK SHALL BE REMOVED AND REPLACED IN AN ACCEPTABLE MANNER, AS REQUIRED BY McCLURE ENGINEERING COMPANY AT THE CONTRACTOR'S EXPENSE. WORK DONE CONTRARY TO THE DIRECTION OF McCLURE ENGINEERING COMPANY, WORK DONE BEYOND THE PROJECT LIMITS OR ANY EXTRA WORK DONE WITHOUT AUTHORIZATION WILL NOT BE PAID FOR.



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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DEPARTMENT OF
PUBLIC SAFETY
MISSOURI STATE
HIGHWAY PATROL

EMERGENCY VEHICLE
OPERATIONS COURSE
RENOVATE TO CREATE
DYNAMIC CRASH TESTING SITE
2302 MILITIA DRIVE
JEFFERSON CITY, MO
65101

PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 06/29/2026

CAD DWG FILE:R2501-01-G-002
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
VICINITY MAP
& NOTES

SHEET NUMBER:

G-002

2 OF 9 SHEETS
JUNE 29, 2026

GENERAL NOTES:

1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS. ALL WORK TO BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL LOCAL ORDINANCES, CITY OR STATE, AS WELL AS REGULATIONS FOR THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND APPLICABLE ENVIRONMENTAL REQUIREMENTS. WHEN THE NOTES ON THE DRAWINGS CONFLICT WITH THE TECHNICAL REQUIREMENTS OUTLINED IN THE SPECIFICATIONS, THE MORE STRINGENT CRITERIA WILL GOVERN.
2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS, THE PROJECT TECHNICAL SPECIFICATIONS, AND THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE LOCAL AUTHORITY, UNLESS OTHERWISE NOTED.
3. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL MISSOURI ONE CALL AT 1-800-344-7483 AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES OR GRADING ACTIVITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
4. EXISTING UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK TO BE DONE ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE OR DISCOVERED BY THE ENGINEER IN PREPARATION OF THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES, INCLUDING SERVICE CONNECTIONS, IN ADVANCE OF CONSTRUCTION ACTIVITIES BY CONTACTING THE OWNERS THEREOF AND BY PROSPECTING. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE OWNER AND ENGINEER IN WRITING OF ANY DISCREPANCIES WITH THE PLAN INFORMATION. ALL DAMAGE TO EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS, SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND PAY ALL FEES AS REQUIRED BY THIS CONSTRUCTION.
7. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
8. ANY ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS SHOWN ON PLANS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
10. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO ORIGINAL GRADES UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION AS OUTLINED IN THE EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), IF APPLICABLE. EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO GRADING ACTIVITIES.
12. THE CONTRACTOR SHALL CLEAN OUT ALL INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT THE COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL JURISDICTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI, AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE SITE AT ALL TIMES.
15. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS AND/OR INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID. NO EXTRA COSTS WILL BE PAID TO THE CONTRACTOR DUE TO UNANTICIPATED EXISTING CONDITIONS AND/OR INSTALLATIONS. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.

CONTRACTOR STAGING

1. THE CONTRACTOR SHALL NOT STOCKPILE ANY SOILS OR OTHER STORED/ STAGED MATERIALS ATOP OR WITHIN A 10' OFFSET TO EACH SIDE OF AN EXISTING CULVERT THAT TRAVERSES THE PROJECT LIMITS.
2. ANY INTERNAL HAUL ROADS OR ACCESS PATHS THAT MAY CROSS AN EXISTING CULVERT WITHIN THE PROJECT LIMITS, SHALL INSTALL STEEL TRAFFIC PLATES OR OTHER ENGINEER APPROVED PROTECTION MEANS TO SPAN OVER THE CULVERT.
3. ANY STAGING LIMITS UTILIZED BY THE CONTRACTOR OUTSIDE OF THE ESTABLISHED PROJECT LIMITS SHALL BE MAINTAINED BY THE CONTRACTOR AND RESTORED TO PRE-CONSTRUCTION CONDITIONS OR BETTER.
4. STOCKPILED TOPSOIL SHALL NOT EXCEED FOUR FEET (4') IN HEIGHT.

DEMOLITION NOTES:

JOB CONDITIONS

1. THE SCOPE OF DEMOLITION IS NOT LIMITED EXCLUSIVELY TO THE WORK INDICATED ON THE DEMOLITION PLAN. THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A GENERAL GUIDE FOR DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL DEMOLITION THAT MAY BE REQUIRED FOR PROPER INSTALLATION OF NEW WORK. SEE ALL CONSTRUCTION DOCUMENTS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF ANY STRUCTURES TO BE DEMOLISHED.
3. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE PROJECT SITE AT THE APPROVAL OF THE OWNER. TRANSPORT THE SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED.
4. THE CONTRACTOR SHALL CONDUCT THE DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. THE CONTRACTOR SHALL REPAIR ALL SURROUNDING PAVEMENTS, SIDEWALKS AND CURBS DAMAGED BY CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL INSURE SAFE PASSAGE OF PERSONS AROUND THE DEMOLITION AREA. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDING STRUCTURES AND OTHER FACILITIES THAT ARE TO REMAIN; AND INJURY TO PERSONS.
6. PROVIDE INTERNAL AND EXTERNAL SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY STRUCTURES TO BE DEMOLISHED AND ANY ADJACENT FACILITIES TO REMAIN.
7. CONTRACTOR SHALL ERECT BARRIERS, FENCES, GUARDRAILS, ENCLOSURES, CHUTES, OR OTHER MEANS NECESSARY TO PROTECT PERSONNEL, STRUCTURES, AND UTILITIES REMAINING INTACT.

8. ALL UTILITIES NOT SPECIFICALLY MARKED FOR DEMOLITION, SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. SPECIAL SUPPORTS, BRACING ETC. SHOULD BE PROVIDED TO PROTECT EXISTING UTILITIES TO REMAIN. DISCONNECT ALL UTILITIES SERVING ANY STRUCTURES TO BE DEMOLISHED, PRIOR TO START OF DEMOLITION WORK. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL UTILITY DEMOLITION, SHUTOFFS AND SWITCH OVERS WITH THE RESPECTIVE UTILITY COMPANY.

DEMOLITION

1. USE SATISFACTORY SOIL MATERIALS FOR FILL MATERIAL, AS DEFINED IN THE GEOTECHNICAL REPORT FOR THE SITE AS ISSUED BY TERRACON ENGINEERING ON 11/26/2025.
2. PRIOR TO PLACEMENT OF FILL MATERIAL, ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST OR FROZEN MATERIAL, TRASH AND DEBRIS.
3. PLACE FILL MATERIAL IN HORIZONTAL LAYERS AT DEPTHS AND MOISTURE CONTENTS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEERING REPORT.
4. PRIOR TO PLACEMENT OF SURFACE MATERIALS, CONTRACTOR SHALL TEST FILL MATERIAL PER SPECIFICATION 312300.
5. AFTER FILL PLACEMENT AND COMPACTION, GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE FLOW TO SURFACE STRUCTURES.

DISPOSAL OF DEMOLISHED MATERIALS

1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
2. BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.
3. REMOVAL: TRANSPORT MATERIALS REMOVED FROM DEMOLISHED STRUCTURES, VEGETATION, PAVEMENT AND BASE ROCK AND LEGALLY DISPOSE OFF SITE.

PROTECTION OF EXISTING STRUCTURES AND VEGETATION.

1. ALL UTILITY BOXES, MANHOLES, VALVES, POLES AND OTHER APPURTENANCES TO REMAIN, SHALL BE ADJUSTED TO MATCH THE FINISHED GRADE. CUT AND CAP ALL UNDERGROUND LINES AT THE PROPERTY LINE UNLESS OTHERWISE NOTED.
2. UNLESS NOTED FOR DEMOLITION, PROTECT ALL TREES AND PLANTS FROM DAMAGE. NO CONSTRUCTION WORK OR LAYDOWN AREAS ARE TO OCCUR WITHIN THE DRIP LINE OF THE EXISTING TREES AND SOILS IN THESE AREAS ARE TO BE PROTECTED FROM COMPACTION. CONTRACTOR TO PROVIDE CONSTRUCTION FENCING AS NECESSARY FOR PROTECTION OF LANDSCAPE / TREES.

SEDIMENT & EROSION CONTROL NOTES:

1. THE EROSION CONTROL PLAN SHOWS THE LOCATION AND DETAILS FOR PRIMARY EROSION CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY MEASURES DURING ALL PHASES OF HIS OPERATIONS REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THE EROSION CONTROL PLAN AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING THE COURSE OF HIS OPERATIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF EROSION CONTROL. CONTRACTOR SHALL PROVIDE A COPY OF THE EROSION CONTROL PLAN TO ALL CONTRACTORS AND UTILITIES PRIOR TO ANY WORK WITHIN THE DEVELOPMENT. CONTRACTOR MAY IMPART/CONVEY RESPONSIBILITY FOR INSPECTION, MAINTENANCE, AND REMEDIATION TO UTILITY COMPANIES FOR WORK UNDER THEIR CONTROL.
3. INSPECTION OF EROSION CONTROL SHALL OCCUR AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF ONE HALF OF AN INCH OR GREATER AS MEASURED AT THE SITE. THE CONTRACTOR SHALL REPAIR DAMAGE, CLEAN OUT SEDIMENT AND ADD ADDITIONAL CONTROL DEVICES AS NEEDED AS SOON AS PRACTICABLE AFTER INSPECTION. ANY DEFICIENCIES SHALL BE NOTED IN A REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE INSPECTION.
4. INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.
5. SOIL STOCKPILES OR OTHER AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ACTIVITIES WHICH WILL REMAIN FOR PERIODS GREATER THAN THREE WEEKS SHALL BE STABILIZED BY SEEDING OR OTHER ACCEPTABLE MEANS.
6. ANY STOCKPILED SOIL MUST BE LOCATED UPSTREAM OF SILT FENCING. SILT FENCE SHALL BE RELOCATED IMMEDIATELY DOWNSTREAM OF ANY ADDITIONAL GRADING OR TRENCHING REQUIRED TO COMPLETE WORK SHOWN ON THESE PLANS.
7. FOR ALL DISTURBED AREAS, STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY MAINTAINING THE EROSION CONTROL, OR STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING METHOD. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 21 DAYS.
8. UPON FINAL GRADING, ALL DISTURBED AREAS SHALL BE STABILIZED BY SEEDING AND MULCHING WITHIN TWO WEEKS. WHEN THIS OCCURS OUTSIDE THE STANDARD SPECIFICATION SEEDING DATES, SEED SHALL CONSIST OF TEMPORARY COVER CROP OF ANNUAL RYE OR WHEAT. ALL OTHER DISTURBED AREAS NOT EXPECTED TO BE SUBSEQUENTLY DISTURBED WITHIN THE FOLLOWING 6 WEEKS SHALL BE SEEDED WITH A TEMPORARY COVER CROP OF ANNUAL RYE OR WHEAT.
9. ALL EROSION CONTROL SHALL REMAIN IN PLACE UNTIL ALL UPSTREAM VEGETATIVE COVER IS ESTABLISHED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
10. THE CONTRACTOR SHALL CLEAN ALL STREETS BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED AFTER EACH RAINFALL AND AT THE END OF CONSTRUCTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST DURING CONSTRUCTION AND SHALL WATER CONSTRUCTION AREAS WHENEVER CONDITIONS WARRANT.
12. THE SPILLAGE OF DEBRIS, INCLUDING THE TRACKING OF SOIL, OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE AVOIDED. THEREFORE THE CONTRACTOR SHALL PROVIDE STABILIZED DRIVES AT ALL ACCESS LOCATIONS AS NECESSARY AND SHALL REMOVE PROMPTLY ANY MATERIAL WHICH FINDS ITS WAY INTO THE PUBLIC RIGHT-OF-WAY.
13. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT FROM STORM DRAINS, INLETS, CULVERTS, ETC. PRIOR TO APPROVAL OF CONSTRUCTION.
14. ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROOFS, SOD AND ETC., SHALL BE SEEDED AND MULCHED, AS PER THE PROJECT SPECIFICATIONS BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
15. THE EROSION CONTROL FEATURES, NOTES AND SPECIFICATIONS IN THE SWPPP REPRESENT THE MINIMUM REQUIREMENTS ACCEPTABLE. LOCATIONS ARE TYPICAL AND MAY VARY ACCORDING TO CONTRACTORS STAGING AND LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL ADJUST, MODIFY AND ADD TO THIS PLAN AS NECESSARY TO CONTROL EROSION, SILTATION AND POLLUTION.

UTILITY NOTES:

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL MISSOURI ONE CALL AT 1-800-344-7483 AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING UTILITY CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UTILITIES WHERE CONFLICTS MIGHT OCCUR WITH PROPOSED UTILITIES. IF A CONFLICT BECOMES APPARENT THE CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION BEING PERFORMED.
2. ALL TRENCHES CROSSING PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED BEDDING MATERIAL IN CONFORMANCE WITH PROJECT DETAILS AND SPECIFICATIONS.
3. ALL UTILITY CONSTRUCTION AND MATERIALS SHALL BE IN CONFORMANCE WITH CITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS AND STANDARD PLANS AND SPECIFICATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER.
5. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
6. ALL MATERIALS TO BE SUPPLIED AND LABOR TO BE DONE BY CONTRACTOR SHALL BE COMPLETED AS A PART OF THIS WORK, UNLESS STATED OTHERWISE.
7. ALL UTILITY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING CONSTRUCTION OPERATIONS. THE DRAWINGS INDICATE THE LOCATION OF KNOWN EXISTING UTILITY SERVICE LINES AS COULD BE DETERMINED.
8. ANY RELOCATION OF UTILITY SERVICE LINES THAT ARE REQUIRED TO COMPLETE THE PROJECT IS TO BE COMPLETED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND IS TO CONSIDERED SUBSIDIARY TO OTHER PROJECT COSTS.
9. UTILITY CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER UTILITIES SHOWN HEREON PRIOR TO INSTALLATION.

UTILITY DISCLAIMER

INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

GRADING NOTES:

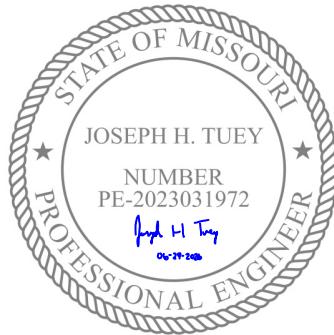
1. CONTRACTOR SHALL USE CAUTION AROUND ALL EXISTING UTILITIES LOCATED ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION.
2. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL PLAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.
3. CONTRACTOR SHALL STRIP THE TOPSOIL FROM ALL AREAS TO BE DISTURBED AND STOCKPILE IT IN A LOCATION CHOSEN BY THE OWNER PRIOR TO BEGINNING SITE GRADING. SEE SHEET C200 FOR PRELIMINARY STOCKPILE AND ON-SITE HAUL & FILL LOCATIONS. OWNER SHALL BE CONTACTED TO DETERMINE WHAT SHALL BE DONE WITH EXCESS TOPSOIL. PROPER DRAINAGE OF THE STOCKPILES SHALL BE MAINTAINED.
4. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO WET SOILS AND OTHER CONDITIONS. THE UNSUITABLE CONDITIONS MUST BE CORRECTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT, WHERE REQUIRED, TO MEET PROJECT NEEDS.
5. CONTRACTOR SHALL NOTIFY THE OWNERS OR THE CONTRACTOR'S GEOTECHNICAL REPRESENTATIVE FOR INSPECTION PRIOR TO PLACEMENT OF CRUSHED STONE BASE AND ALSO PRIOR TO PLACEMENT OF ENGINEERED FILL AND PAVEMENT MATERIALS.
6. THE CONTOURS, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
7. CONTRACTOR SHALL FINISH GRADE EARTH SLOPES AS SHOWN TO NO STEEPER THAN 1 FOOT VERTICAL TO 3 FEET HORIZONTAL.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL EARTHWORK QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THE PLANS. NO EXTRA PAYMENT WILL BE MADE FOR OBTAINING FILL MATERIAL FROM OFF-SITE AREAS REQUIRED TO CONSTRUCT FILL TO THE LINES AND GRADES INDICATED ON THE DRAWINGS.
9. ALL DISTURBED AREAS NOT RECEIVING PERMANENT STABILIZATION, SHALL HAVE 3"-6" OF TOPSOIL REPLACED, EXISTING FILL SHOULD BE OBSERVED, TESTED AND APPROVED BY CONTRACTOR'S GEOTECHNICAL REPRESENTATIVE IN THE FIELD. ORGANICS, ROCK/RUBBLE FRAGMENTS LARGER THAN 3 INCHES, DEBRIS, OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED PRIOR TO RE-USE OF THE EXISTING FILL IN ENGINEERED FILL SECTION
10. THE CONTRACTOR SHALL GRADE ALL AREAS DISTURBED DURING THE COMPLETION OF THIS PROJECT TO PREVENT PONDING OR EROSION ON THIS SITE OR ADJACENT UNDISTURBED AREAS.
11. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES.
12. PRIOR TO MOVING OFF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO MAKE A FINAL REVIEW OF THE CONSTRUCTION SITE.
13. THE UPPER 12" OF MATERIAL BELOW PAVEMENT AREAS SHALL BE LOW VOLUME CHANGE MATERIAL (UNDERCUT AREAS SHALL EXTEND A MINIMUM OF 2 FEET LATERALLY OUTSIDE THE EDGE OF PAVEMENTS).
14. ALL GRADING OPERATIONS SHALL BE STAKED BY A REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
15. SHOULD FILL BE PLACED ON EXISTING SLOPES STEEPER THAN 5H:1V, BENCHES SHALL BE CUT INTO THE EXISTING SLOPES PRIOR TO FILL PLACEMENT. THE BENCHES SHALL HAVE A MINIMUM VERTICAL FACE HEIGHT OF 1 FOOT AND A MAXIMUM VERTICAL FACE HEIGHT OF 3 FEET AND BE CUT WIDE ENOUGH TO ACCOMMODATE COMPACTION EQUIPMENT.
16. SHOULD SEEPAGE BE ENCOUNTERED IN EXCAVATIONS DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, IMPLEMENTING, AND MAINTAINING APPROPRIATE DEWATERING METHODS TO CONTROL SEEPAGE AND FACILITATE CONSTRUCTION

SUBGRADE PREPARATION NOTES:

1. PRIOR TO PLACING ROCK SURFACING OR FILL MATERIALS SUBGRADES SHALL BE COMPACTED TO UNIFORM FIRMNESS ON COMPLETION OF STRIPING AND EVALUATED BEFORE PLACING ENGINEERED FILL.
2. PRIOR TO PLACING ROCK SURFACING OR FILL MATERIALS IN PAVING AREAS, THE NATIVE SUBGRADE SOILS SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12-INCHES, MOISTURE CONDITIONED AS NECESSARY, AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINEDBY ASTM D-1557.
3. COMPACTION AND STABILIZATION EFFORTS SHALL BE VERIFIED BY THE CONTRACTOR'S GEOTECHNICAL REPRESENTATIVE IN THE FIELD.

4. IN AREAS OF EXCAVATIONS, THE SUBGRADE SHALL BE EVALUATED BY THE CONTRACTOR'S GEOTECHNICAL REPRESENTATIVE. IF UNANTICIPATED CONDITIONS ARE OBSERVED, THE GEOTECHNICAL REPRESENTATIVE SHALL PRESCRIBE MITIGATION OPTIONS.
5. CONSTRUCTION EQUIPMENT AND PERSONNEL, TO THE DEGREE POSSIBLE, SHOULD BE PROHIBITED FROM TRAVERSING PREPARED SUBGRADE AREAS, ESPECIALLY DURING WET WEATHER CONDITIONS. SUBGRADEAREAS THAT ARE PREPARED BEFORE INCLEMENT WEATHER SHALL BE REINSPECTED TO IDENTIFY AREAS REQUIRING REPAIR. ANY SUCH AREAS SHALL BE RECOMPACTED OR OVER-EXCAVATED AND BACKFILLED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED HEREIN. DEPENDING ON THE MOISTURE CONTENT OF THE SUBGRADE SOILS AT THE TIME OF SITE DEVELOPMENT THE USE OF VIBRATORY COMPACTION COULD ADVERSELY AFFECT SUBGRADE STABILITY DUE TO FINE GRAINED NATURE OF NATIVE SOILS.
6. SUBGRADE SHALL BE PROOF-ROLLED WITH A 20-TON TANDEM AXLE DUMP TRUCK OR A FULLY LOADED WATER TRUCK AS PER THE GEOTECHNICAL RECOMENDATIONS AND PROJECT SPECIFICATIONS.
7. UNDERCUTTING IN THE ORDER OF 12-24 INCHES BELOW SUBGRADE AND REPLACEMENT WITH STRUCTURAL FILL MAY BECOME NECESSARY DURING WET-WEATHER CONDITIONS, ESPECIALLY IF SUBGRADE IS DISTURBED BY CONSTRUCTION TRAFFIC. UPON COMPLETION OF UNDERCUTTING, THE USE OF A COARSE GRANULAR WORKING MAT OR MODIFICATION BY THE ADDITION OF HYDRATED LIME OR PORTLAND CEMENT (DEPENDING UPON SOIL TYPE AND PLASTICITY) SHALL BE EXPECTED TO BE NECESSARY TO DEVELOP A STABLE SUBGRADE FOR PLACEMENT OF STRUCTURAL FILL.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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JEFFERSON CITY, MO
65101

PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 06/29/2026

CAD DWG FILE:R2501-01-G-003
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:

TECHNICAL
SPECIFICATIONS
SHEET 1

SHEET NUMBER:

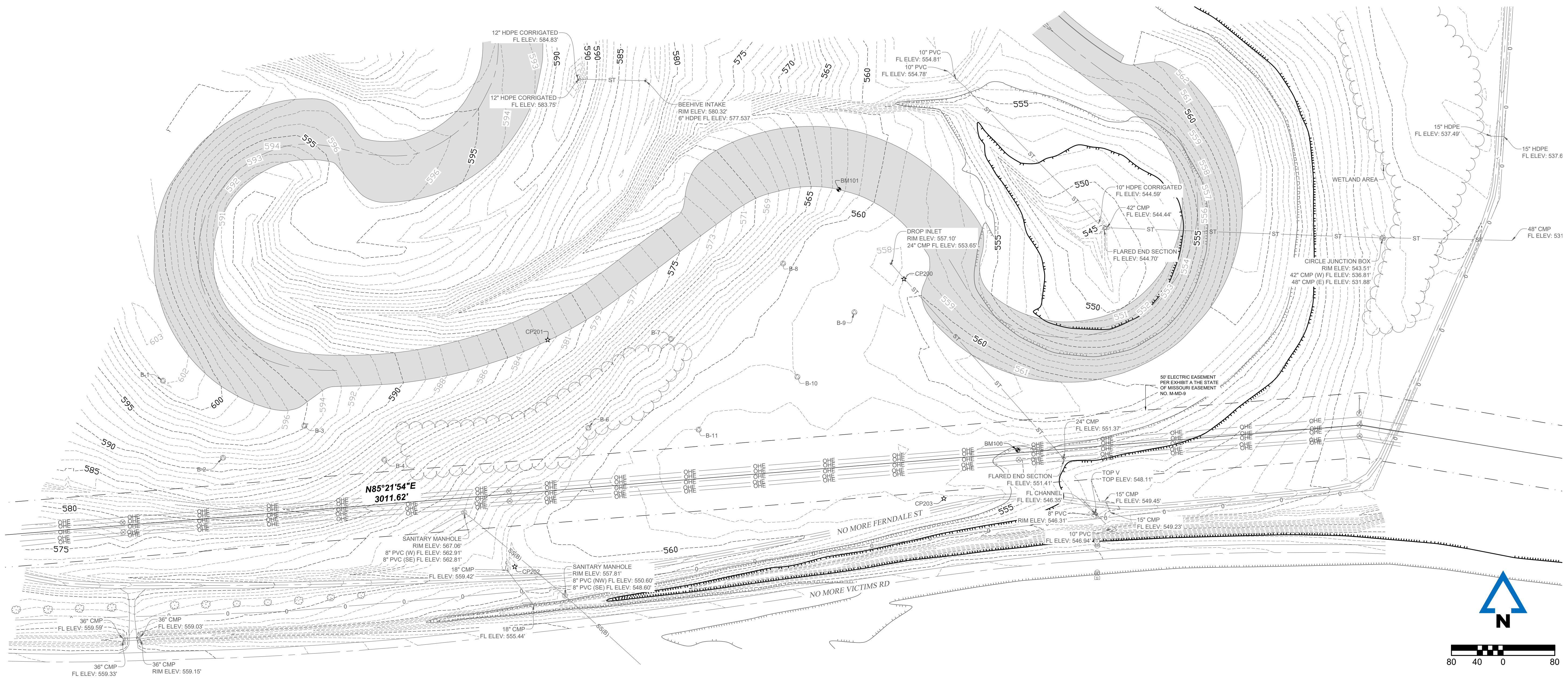
G-003

3 OF 9 SHEETS
JUNE 29, 2026

NETWORK	SEWAGE SANITARY SEWER STORM SEWER WATER OVERHEAD ELECTRIC UNDERGROUND ELECTRIC OVERHEAD COMMUNICATIONS UNDERGROUND COMMUNICATIONS TELEPHONE OVERHEAD TELEPHONE OVERHEAD FIBER OPTIC UNDERWATER CABLE GAS TRAFFIC	INTERMEDIATE CONTOUR BENCH CONTOUR PROPERTY LINE RIGHT OF WAY SECTION LINE EASEMENT GUARD RAIL FILLED FENCE CHAIN LINK FENCE WOOD FENCE ALT FENCE AGRICAL TUBE EDGE OF TREES TRANSITION OF SLOPE ROAD CENTERLINE WATERWAY FLOWLINE	AIR CONDITIONING UNIT BREAKER BOX ELECTRIC MANHOLE ELECTRIC METER ELECTRIC PEDESTAL HEAT PUMP	MONUMENTS BENCHMARK BENCHMARK (TEMPORARY) CONTROL POINT CUT OR FILLED SET OR LET MONUMENT FOUND (FIRST TYPE) MONUMENT FOUND (SECOND TYPE) MONUMENT SET (FIRST TYPE) MONUMENT SET (SECOND TYPE) SECTION CORNER FOUND SECTION CORNER SET T POST WOOD POST	
FLOODPLAIN - 100 YEAR FLOODPLAIN - 500 YEAR					
UTILITY QUALITY LEVELS UTILITY QUALITY LEVELS ARE BASED ON THE CHANGE BASE STANDARD. UTILITY QUALITY LEVEL A PRECISE LOCATION AND VERTICAL LOCATION OF UTILITIES DETERMINED BY THE ACTUAL OBSERVATION OR VERIFICATION OF PREVIOUSLY OBTAINED AND SUBMITTED UTILITIES AND SUBSEQUENT MEASUREMENT OF SUBSEQUENT UTILITIES. UTILITY QUALITY LEVEL B INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURVEY GEODESIC METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE ORIENTATION, POSITION OF SUBURFACE UTILITIES. UTILITY QUALITY LEVEL C INFORMATION OBTAINED BY SURVEYING AND PLOTTING UTILITIES ABOVE GROUND, UTILITY INFORMATION FROM UNIFORM PLANS, LOGS, RECORDS TO CORRELATE WITH INFORMATION TO QUALITY LEVEL INFORMATION. UTILITY QUALITY LEVEL D INFORMATION OBTAINED FROM EXISTING RECORDS OR OTHER RECOGNIZATIONS. ADDITIONALLY IN THE CASE OF MULTIPLE COPIES OF THE SAME UTILITY OR THE SAME UTILITIES WILL BE ASSIGNED WITH AN OWNER NUMBER (1, 2, 3, 4, 5) REFERENCE IN THE ONE CALL UTILITY INFORMATION SHEET.					
TYPICAL HATCHING ASPHALT					
ABBREVIATIONS CONTROL POINT BENCHMARK UTILITY ALIGNMENT PUBLIC UTILITY EASEMENT	CUT AND FILL DITCH AND LOW PIPE MANHOLE PAVED CONCRETE PAVED CONCRETE PAVED FLOOR	RIGHT OF WAY SECTION LINE EASEMENT GUARD RAIL FILLED FENCE CHAIN LINK FENCE WOOD FENCE ALT FENCE AGRICAL TUBE EDGE OF TREES TRANSITION OF SLOPE ROAD CENTERLINE WATERWAY FLOWLINE	AIR CONDITIONING UNIT BREAKER BOX ELECTRIC MANHOLE ELECTRIC METER ELECTRIC PEDESTAL HEAT PUMP	GENERAL SITE FEATURES BUILDING SLOPE ROADWAY FLOOD LINE GULLY LINE MAIL BOX STONE DOUBLE POST STONE SINGLE POST CULVERT BOX STREET LIGHT UTILITY POLE UTILITY POLE STREET LIGHT UNDERPASS MANHOLE	RAILROAD MAINLINE MILE MARKER POINT OF STATION RAILROAD SIGNAL
				SANITARY SEWER SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE SEPTIC TANK INLET	
				STORM SEWER STORM INLET (SIZE VARIES) DOUBLE CURVE INLET DOUBLE CURVE INLET (WINGHOLE LEFT) DOUBLE CURVE INLET (WINGHOLE RIGHT) FLARED INLET OPEN END SECTION (SIZE VARIES) SINGLE CURVE INLET SINGLE CURVE INLET (WINGHOLE LEFT) STORM PIPE STORM SEWER CLEANOUT STORM SEWER MANHOLE OPEN END SECTION (SIZE VARIES)	

PROJECT CONTROL POINTS TABLE				
CP#	NORTHING	EASTING	ELEV.	DESCRIPTION
200	988853.73'	1764358.31'	559.09'	12 RBC
201	988759.46'	1763806.65'	582.60'	PK
202	988408.09'	1763755.52'	562.63'	12 RBC
203	988513.69'	1764420.10'	557.81'	12 RBC

PROJECT BENCHMARK TABLE				
BM#	NORTHING	EASTING	ELEV.	DESCRIPTION
100	988588.77'	1764534.43'	557.09'	STEPPED NAIL
101	988992.54'	1764257.47'	562.48'	PK



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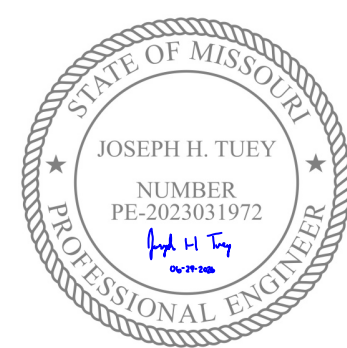
PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/29/2026

CAD DWG FILE:R2501-01-G-004
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
EXISTING
CONDITIONS
& LEGEND

SHEET NUMBER:
G-004
4 OF 9 SHEETS
JUNE 29, 2026



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PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION: _____
DATE: _____
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DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/29/2026

CAD DWG FILE: R2501-01-C-100
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
IMPROVEMENT
PLAN - BASE BID &
BID ALTERNATE 2

SHEET NUMBER:
C-100
5 OF 9 SHEETS
JUNE 29, 2026

EROSION CONTROL PLAN NOTES:

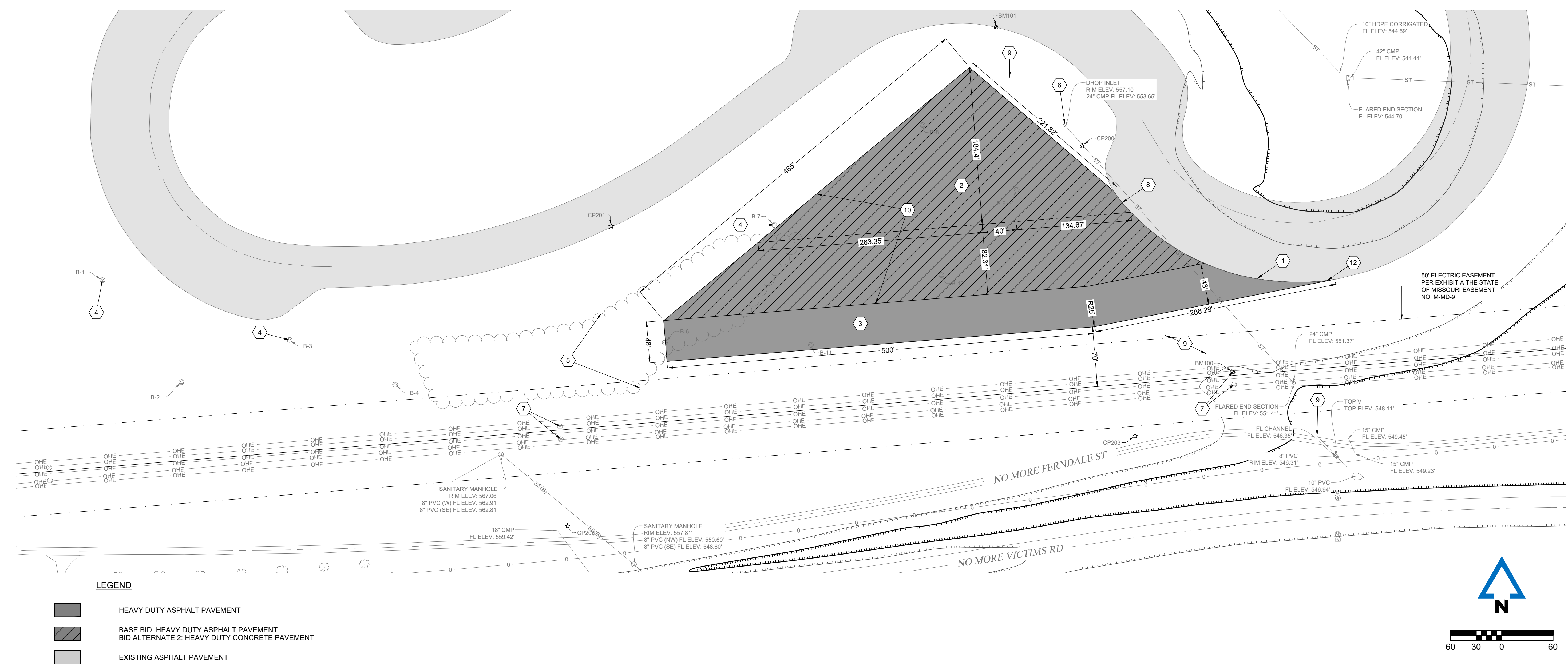
- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

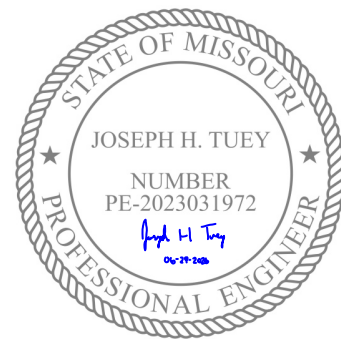
CONSTRUCTION NOTES:

- THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION. UNLESS OTHERWISE NOTED, ALL REMOVALS AND DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- NOTICE: DRIVING COURSE WILL BE IN USE DURING CONSTRUCTION. CONTRACTOR TO IMPLEMENT PROPER SAFETY PRACTICES PER CONTRACTOR'S SAFETY PLAN AND COORDINATE WORK WITH OWNER.

KEY NOTES

- | | | | |
|---|---|----|---|
| 1 | TIE PROPOSED PAVEMENT TO THE EXTENTS OF THE EXISTING DRIVE TRACK. | 8 | PROTECT EXISTING ASPHALT TRACK. CONTRACTOR SHALL REPAIR THE ROADWAY AND RESTORE DAMAGED ASPHALT TO LIKE-NEW CONDITION UPON COMPLETION OF CONSTRUCTION, TYP. |
| 2 | PARKING AREA. | 9 | FORMER LOCATION OF REMOVED LAGOON SYSTEM AND SANITARY SEWER LINES. ADDITIONAL SANITARY SEWER LINES OR APPURTENANCES MAY REMAIN. CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING, AND SHALL PROTECT OR VERIFY THE POTENTIAL USE OF ANY FOUND SANITARY SEWER LINES OR APPERTUNANCES WITH ENGINEER. |
| 3 | 48" DRIVE AISLE. | 10 | BID ALTERNATE 2 EXTENTS.
BASE BID: INSTALL HEAVY DUTY ASPHALT PAVEMENT
BID ALTERNATE 2: INSTALL HEAVY DUTY CONCRETE PAVEMENT TO THE EXTENTS SHOWN. |
| 4 | GEOTECHNICAL SOIL BORE DUG BY TERRACON ON 11/06/2025, TYP. | | |
| 5 | REMOVE EXISTING TREES/SHRUBS. | | |
| 6 | PROTECT EXISTING DROP INLET. | | |
| 7 | PROTECT EXISTING OVERHEAD ELECTRIC POLE. | | |





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PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

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REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/29/2026

CAD DWG FILE: R2501-01-C-101
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:

IMPROVEMENT
PLAN - BID
ALTERNATE 1

SHEET NUMBER:

C-101

6 OF 9 SHEETS
JUNE 29, 2026

EROSION CONTROL PLAN NOTES:

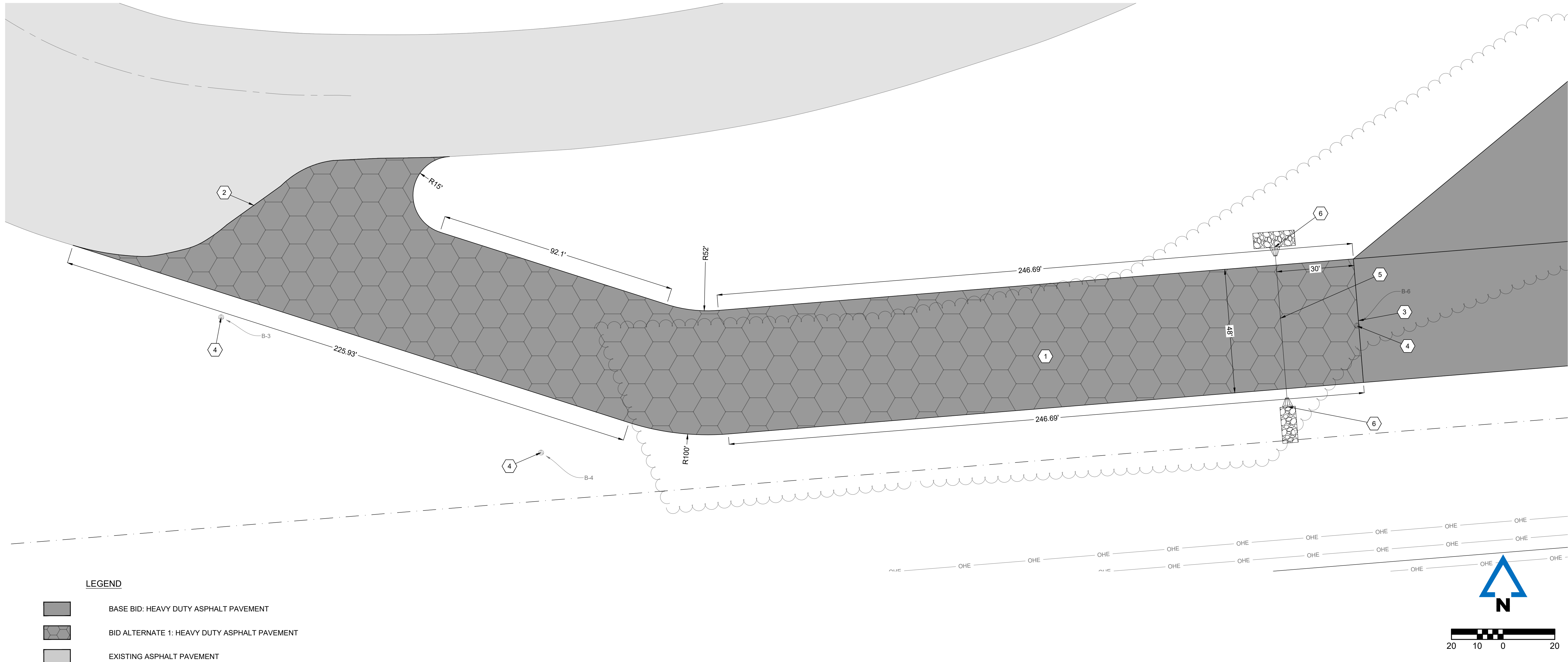
1. CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

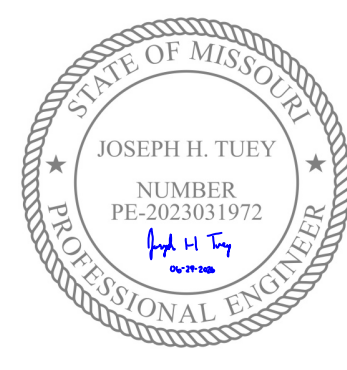
CONSTRUCTION NOTES:

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2. CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION. UNLESS OTHERWISE NOTED, ALL REMOVALS AND DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR TO IMPLEMENT PROPER SAFETY PRACTICES PER CONTRACTOR'S SAFETY PLAN AND COORDINATE WORK WITH OWNER.

KEY NOTES

- | | | | |
|---|---|---|----------------------|
| 1 | BID ALTERNATE 1 ASPHALT DRIVE ENTRY. | 6 | 12" FES AND RIP-RAP. |
| 2 | TIE PROPOSED ASPHALT PAVEMENT TO THE EXTENTS OF THE EXISTING DRIVE TRACK. PROTECT EXISTING ASPHALT TRACK. CONTRACTOR SHALL REPAIR THE ROADWAY AND RESTORE DAMAGED ASPHALT TO LIKE-NEW CONDITION UPON COMPLETION OF CONSTRUCTION, TYP. | | |
| 3 | TIE THE BID ALTERNATE 1 DRIVE ENTRY TO THE PROPOSED BASE BID ASPHALT PAVEMENT. SEE IMPROVEMENT PLAN SHEET C-100 FOR PROPOSED BASE BID EXTENTS. | | |
| 4 | GEOTECHNICAL SOIL BORE DUG BY TERRACON ON 11/06/2025, TYP. | | |
| 5 | 12" HDPE STORM PIPE. | | |





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PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION: _____
DATE: _____
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DATE: _____
ISSUE DATE: 06/29/2026

CAD DWG FILE: R2501-01-C-200
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
GRADING PLAN
BASE BID & BID
ALTERNATE 2

SHEET NUMBER:

C-200

7 OF 9 SHEETS
JUNE 29, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

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- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION. UNLESS OTHERWISE NOTED, ALL REMOVALS AND DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE UPPER 12" OF MATERIAL BELOW THE PAVEMENT AREAS SHALL BE LOW VOLUME CHANGE MATERIAL (LL<45 & PI<25).
- PRIOR TO PLACING ROCK SURFACING OR FILL MATERIALS, SUBGRADES SHALL BE COMPACTED TO UNIFORM FIRMNESS AND EVALUATED BEFORE PLACING STRUCTURAL FILL. IF UNSUITABLE SUBGRADE IS DETECTED THAT CANNOT BE COMPACTED TO A UNIFORM FIRMNESS, THE UNSUITABLE SOIL SHALL, IF PRACTICAL, BE SCARIFIED AERATED AND RE-COMPACTED AS NECESSARY, OR BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL AS NEEDED PER SPECIFICATION 312300, UNTIL FIRM CONDITIONS ARE CREATED.

NOTICE: ANY UNSUITABLE SOIL FOUND BELOW PAVING AREAS SHALL BE EVALUATED PER SPECIFICATION 312300 AND GRADING NOTE 5.

KEY NOTES

- TIE PROPOSED PAVEMENT TO THE EXTENTS OF THE EXISTING DRIVE TRACK.
- POTENTIAL STOCKPILE LOCATION. COORDINATE WITH OWNER FOR FINAL LOCATIONS AND EXTENTS.
- ON-SITE BORROW LOCATION. CONTRACTOR SHALL OBTAIN FILL ON-SITE FOR USE AS NEEDED. COORDINATE WITH OWNER FOR FINAL EXTENTS AND SCHEDULING. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE PATTERNS AND REPAIR THE COURSE TRACK TO EXISTING CONDITIONS UPON COMPLETION OF CONSTRUCTION.
- CONSTRUCTION ENTRANCE. SEE SHEET C-200.
- GRADE BREAK. SEE SHEET C-100 FOR SEPARATION DISTANCES.

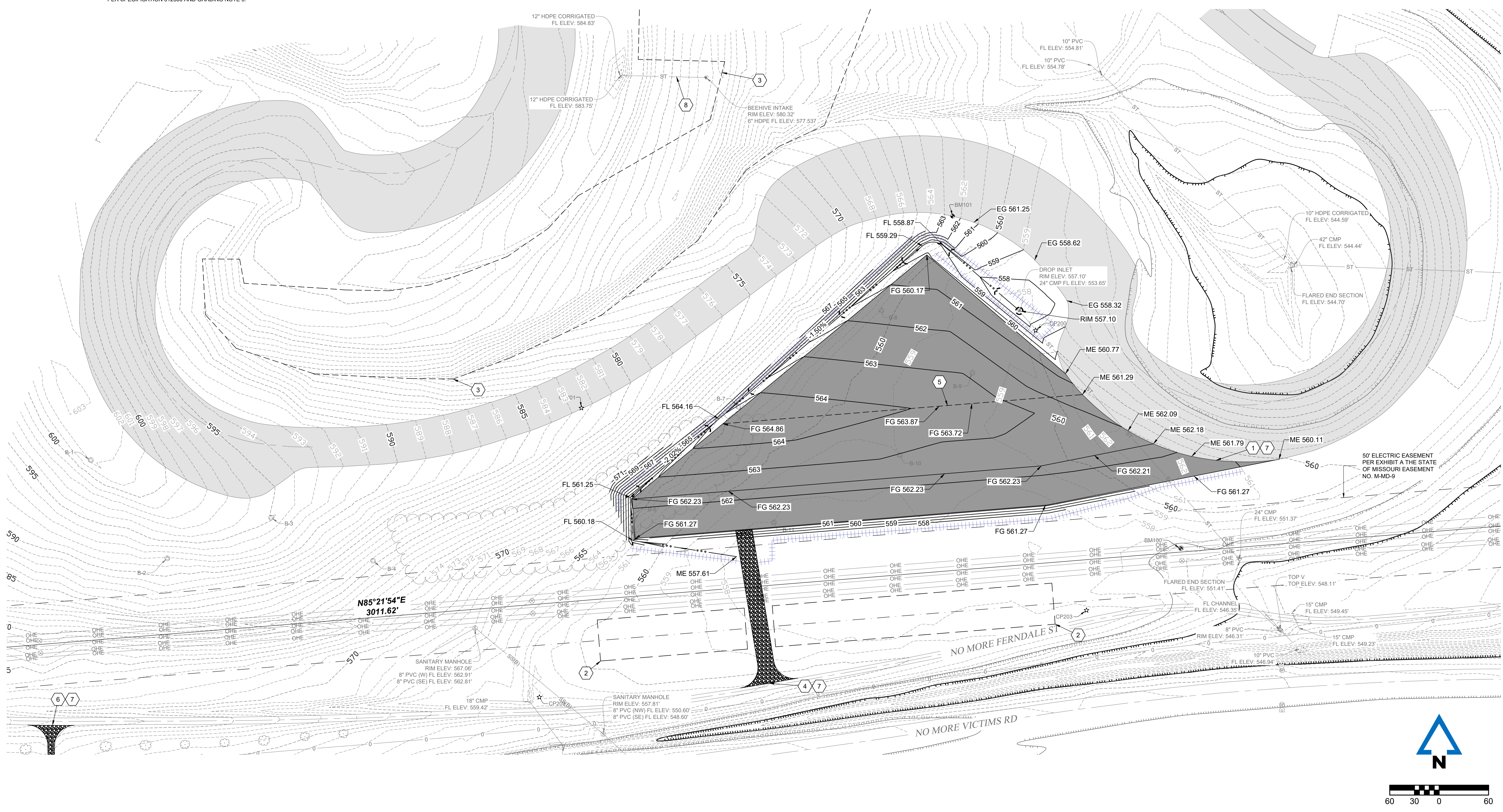
- INITIAL CONSTRUCTION ENTRANCE FOR THE PROJECT WILL BE THROUGH A GATE LOCATED OFF NO MORE VICTIMS ROAD, SOUTH OF THE PROJECT SITE. OPENING BETWEEN GATE POSTS IS APPROXIMATELY 13 FEET WIDE. CONTRACTOR SHALL COORDINATE WITH THE OWNER REGARDING ALTERNATIVE ACCESS ROUTES IF EQUIPMENT EXCEEDS 12 FEET IN WIDTH.
- PROTECT EXISTING ROADWAY AND ASPHALT TRACK. CONTRACTOR SHALL REPAIR THE ROADWAY AND RESTORE DAMAGED ASPHALT TO LIKE-NEW CONDITION UPON COMPLETION OF CONSTRUCTION, TYP.
- PROTECT THE EXISTING STORM PIPES AND STRUCTURES DURING EARTHWORK OPERATIONS.

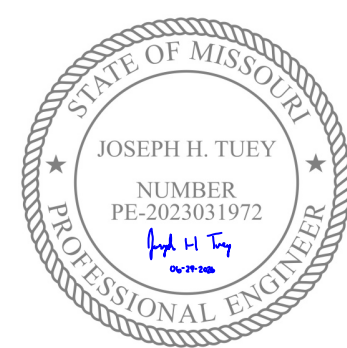
LEGEND

- 924--- EXISTING 1' CONTOUR
 - 925--- EXISTING 5' CONTOUR
 - 929--- PROPOSED 1' CONTOUR
 - 930--- PROPOSED 5' CONTOUR
 - ***--- FLOWLINE
- FG - FINISHED GRADE
ME - MEET EXISTING
EG - EXISTING GRADE
PV - TOP OF PAVEMENT
FL - FLOWLINE

LEGEND

- COMPOST FILTER SOCK
- ||||||| SILT FENCE





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PROJECT NO. R2501-01
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ASSET NO. 8136012001

REVISION: _____
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DATE: _____
ISSUE DATE: 06/29/2026

CAD DWG FILE: R2501-01-C-201
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
GRADING PLAN -
BID ALTERNATE 1

SHEET NUMBER:
C-201
8 OF 9 SHEETS
JUNE 29, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

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- PRIOR TO PLACING ROCK SURFACING OR FILL MATERIALS, SUBGRADES SHALL BE COMPACTED TO UNIFORM FIRMNESS AND EVALUATED BEFORE PLACING STRUCTURAL FILL. IF UNSUITABLE SUBGRADE IS DETECTED THAT CANNOT BE COMPACTED TO A UNIFORM FIRMNESS, THE UNSUITABLE SOIL SHALL, IF PRACTICAL, BE SCARIFIED AERATED AND RE-COMPACTED AS NECESSARY, OR BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL AS NEEDED PER SPECIFICATION 312300, UNTIL FIRM CONDITIONS ARE CREATED.

NOTICE: ANY UNSUITABLE SOIL FOUND BELOW PAVING AREAS SHALL BE EVALUATED PER SPECIFICATION 312300 AND GRADING NOTE 5.

KEY NOTES

- TIE PROPOSED ASPHALT PAVEMENT TO THE EXTENTS OF THE EXISTING DRIVE TRACK.
- TIE THE BID ALTERNATE DRIVE ENTRY TO THE PROPOSED BASE BID ASPHALT PAVEMENT. SEE IMPROVEMENT PLAN SHEET C-100 FOR PROPOSED BASE BID EXTENTS.
- POTENTIAL STOCKPILE LOCATION. COORDINATE WITH OWNER FOR FINAL LOCATIONS.
- ON-SITE BORROW LOCATION. CONTRACTOR SHALL OBTAIN FILL ON-SITE FOR USE AS REQUIRED. COORDINATE WITH OWNER FOR FINAL EXTENTS AND SCHEDULING. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS AND REPAIR THE COURSE TRACK TO LIKE-NEW CONDITIONS UPON COMPLETION OF CONSTRUCTION.
- INITIAL CONSTRUCTION ENTRANCE FOR THE PROJECT WILL BE THROUGH A GATE LOCATED OFF NO MORE VICTIMS ROAD, SOUTH OF THE PROJECT SITE. OPENING BETWEEN GATE POSTS IS APPROXIMATELY 13 FEET WIDE. CONTRACTOR SHALL COORDINATE WITH THE OWNER REGARDING ALTERNATIVE ACCESS ROUTES IF EQUIPMENT EXCEEDS 12 FEET IN WIDTH.

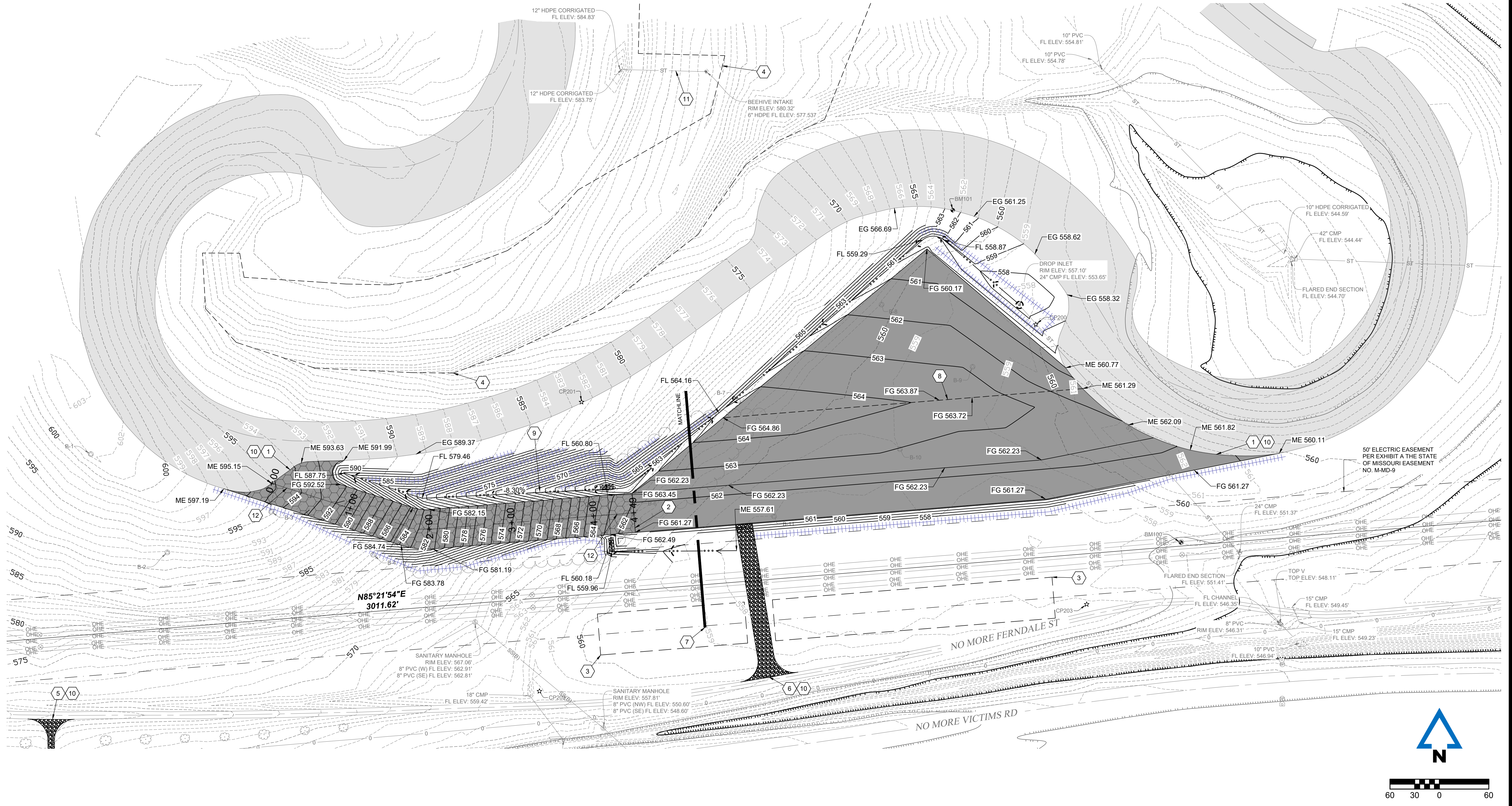
- CONSTRUCTION ENTRANCE SEE SHEET C-200.
- GRADING EAST OF THE MATCHLINE SHALL MATCH THE GRADING SHOWN ON GRADING PLAN SHEET C-200.
- GRADE BREAK, SEE SHEET C-100 FOR SEPARATION DISTANCES.
- GRADE 5' WIDE TRAPEZOIDAL DITCH AS SHOWN. 3:1 SIDE SLOPE. SLOPE DITCH AND TRAPEZOIDAL CHANNEL AT SLOPE SHOWN.
- PROTECT EXISTING ROADWAY AND ASPHALT TRACK. CONTRACTOR SHALL REPAIR THE ROADWAY AND RESTORE DAMAGED ASPHALT TO LIKE-NEW CONDITION UPON COMPLETION OF CONSTRUCTION, TYP.
- PROTECT THE EXISTING STORM PIPES AND STRUCTURES DURING EARTHWORK OPERATIONS.
- THE ALIGNMENT REFLECTS THE PROPOSED GRADES FOR BID ALTERNATE 1 ASPHALT DRIVE. REFER TO PROFILE DETAIL #6 ON SHEET C-500.

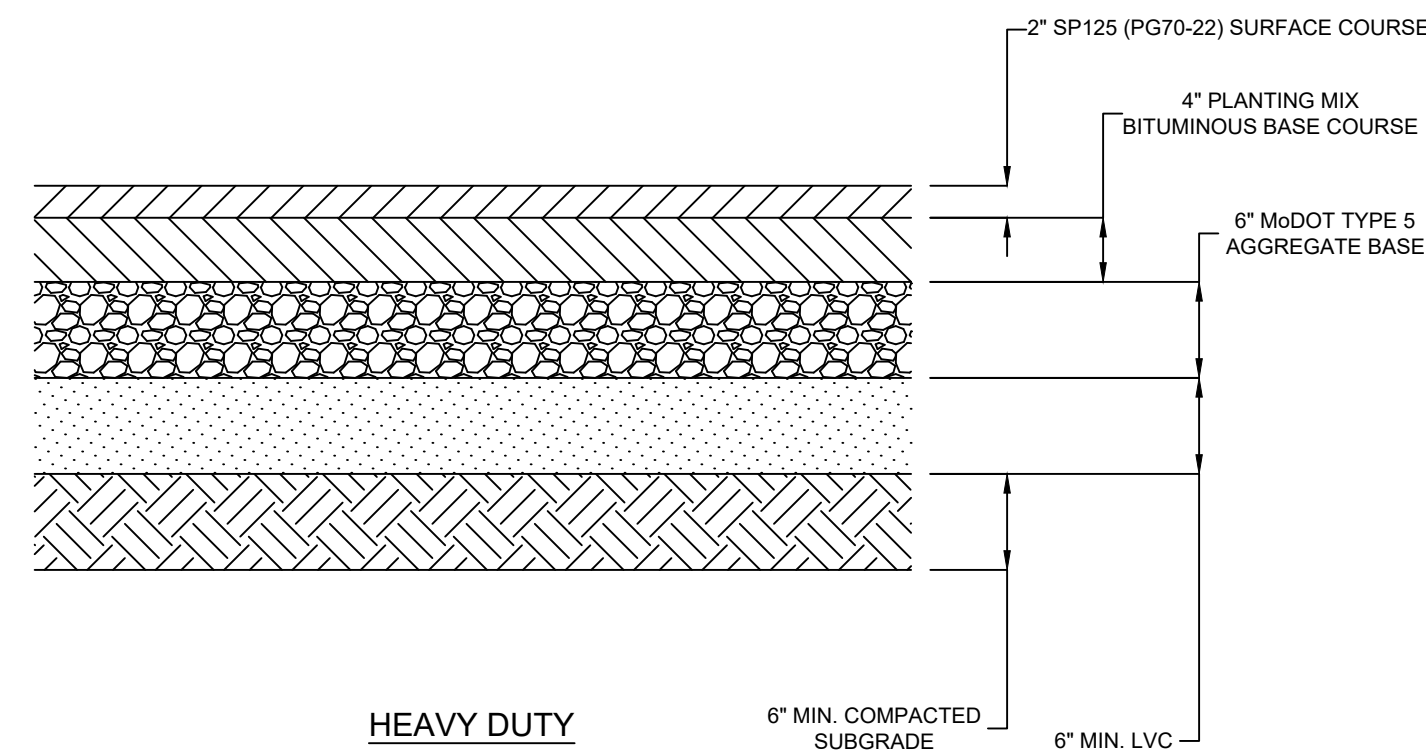
LEGEND

- 924--- EXISTING 1' CONTOUR
- 925--- EXISTING 5' CONTOUR
- 929--- PROPOSED 1' CONTOUR
- 930--- PROPOSED 5' CONTOUR
- FLOWLINE
- FG - FINISHED GRADE
- ME - MEET EXISTING
- EG - EXISTING GRADE
- PV - TOP OF PAVEMENT
- FL - FLOWLINE

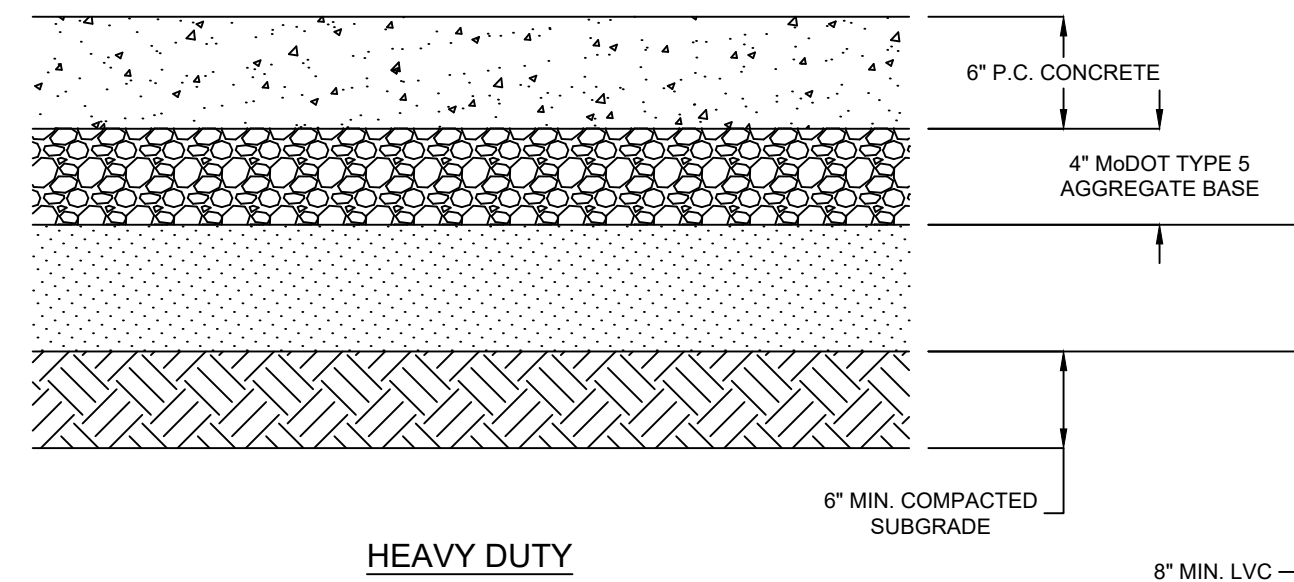
LEGEND

- COMPOST FILER SOCK
- ||||| SILT FENCE

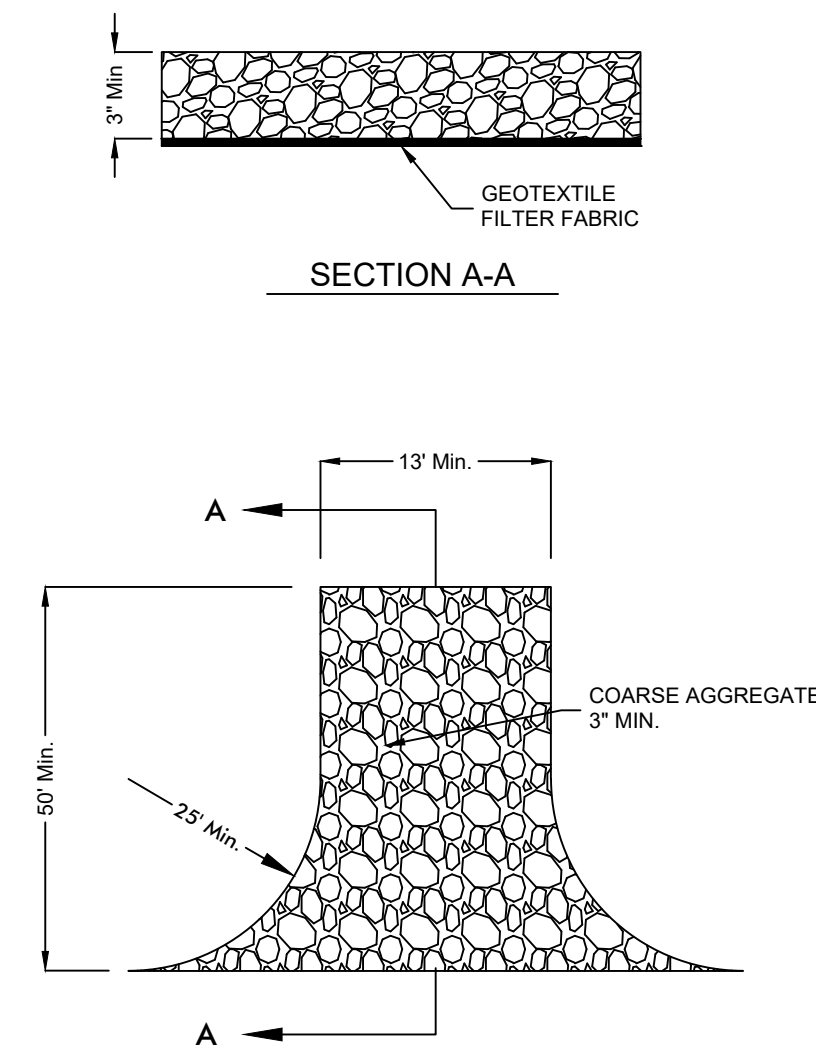




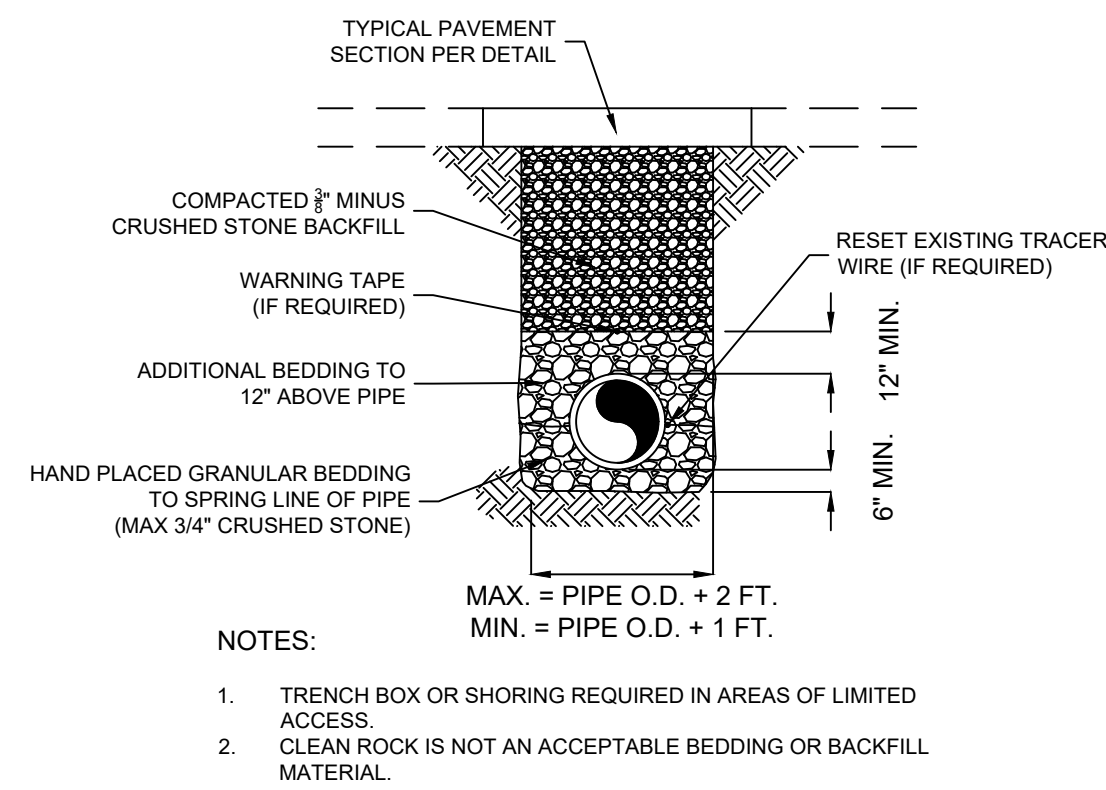
1 ASPHALT PAVEMENT
NTS



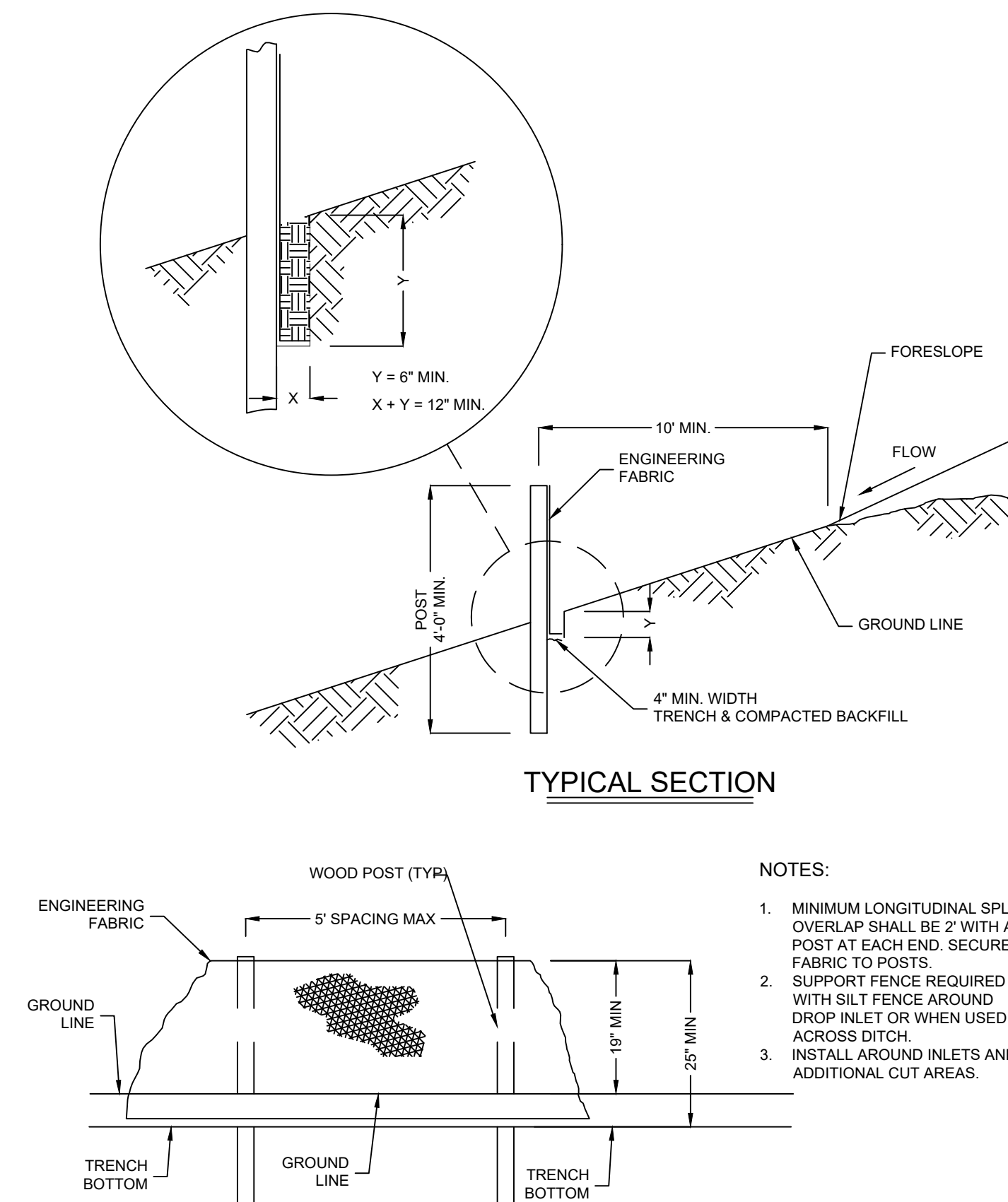
2 BID ALTERNATE 2 CONCRETE PAVEMENT
NTS



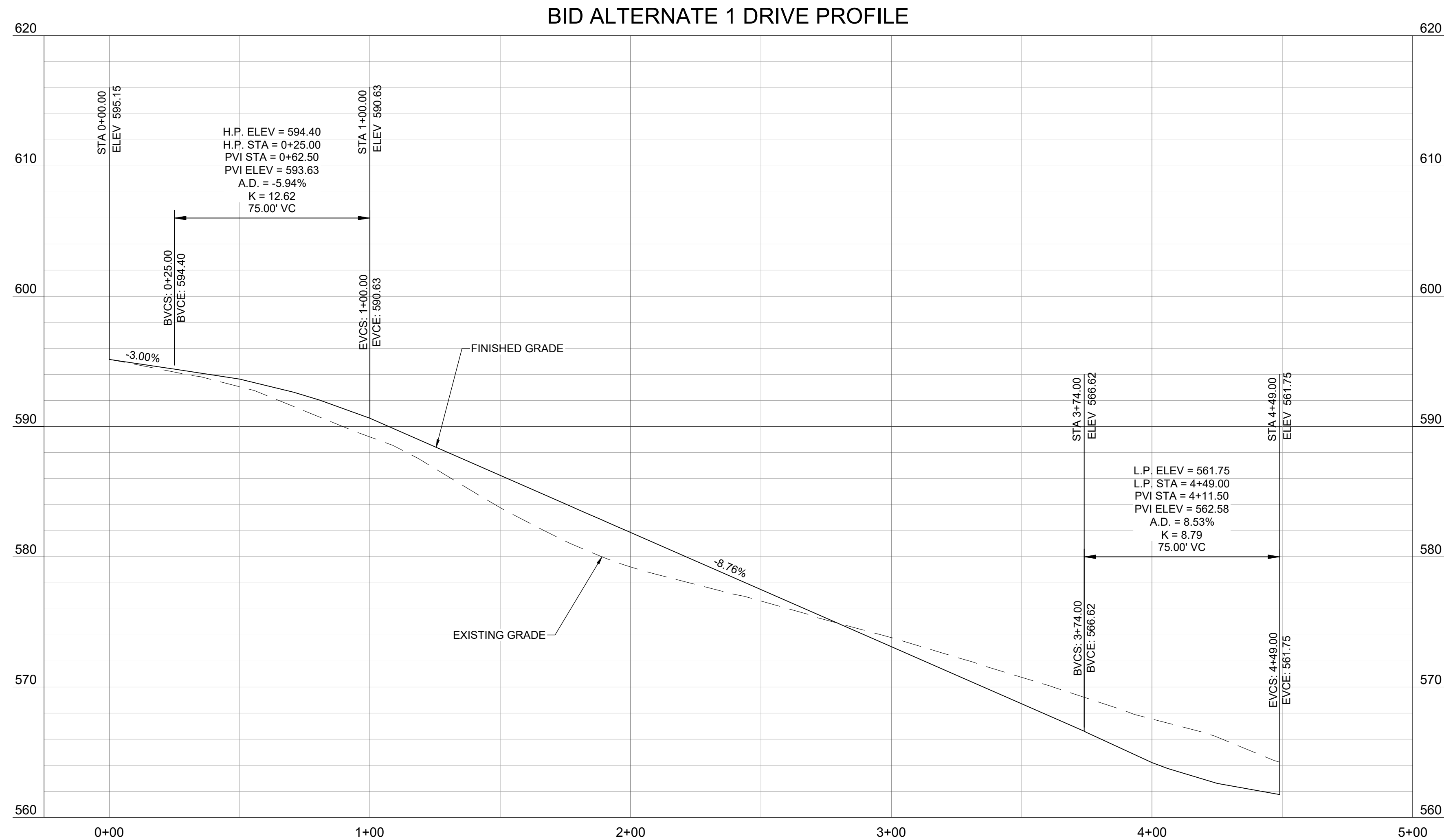
3 CONSTRUCTION ENTRANCE
NTS



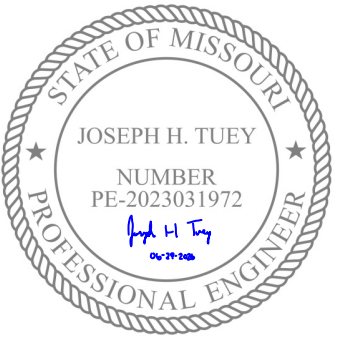
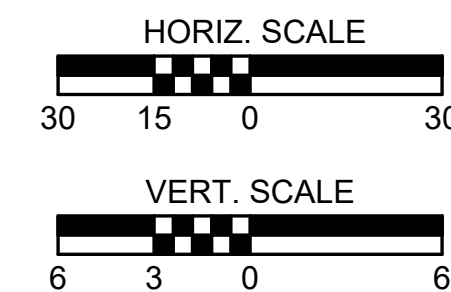
4 PIPE INSTALLATION DETAIL
NTS



5 SILT FENCE
NTS



6 BID ALTERNATE 1 DRIVEWAY PROFILE
NTS



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HIGHWAY PATROL

EMERGENCY VEHICLE
OPERATIONS COURSE
RENOVATE TO CREATE
DYNAMIC CRASH TESTING SITE
2302 MILITIA DRIVE
JEFFERSON CITY, MO
65101

PROJECT NO. R2501-01
SITE NO. 6012
ASSET NO. 8136012001

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06/29/2026

CAD DWG FILE: R2501-01-C-500
DRAWN BY: CJH
CHECKED BY: RAF
DESIGNED BY: JHT

SHEET TITLE:
DETAILS

SHEET NUMBER:

C-500

9 OF 9 SHEETS
JUNE 29, 2026