

STABILIZATION NOTES

- ALL SLOPES SHALL BE 1:3 OR FLATTER.
- TOPSOIL SHALL BE RESPREAD AT A MINIMUM 6" THICK.
- EACH PHASE OF MINING SHALL BE STABILIZED PRIOR TO MINING COMMENCING ON SUBSEQUENT PHASES.
- ALL DISTURBED AREA SHALL BE SEED.
- EROSION CONTROL BLANKET (NAG S-150 OR SIMILAR) SHALL BE UTILIZED, IF NECESSARY.

PROPERTY INFORMATION	
•PROPERTY ADDRESS:	KENDAVILLE ROAD
•PERMANENT PARCEL NUMBER:	015-004-010-00
•PARCEL SIZE:	63.41 ACRES
•PARCEL DESCRIPTION:	THE WEST 1/2 OF THE SOUTHWEST 1/4 OF SECTION 4, T11N, R10W, PIERSON TOWNSHIP, MONTCALM COUNTY, MICHIGAN, EXCEPT THAT PORTION TAKEN FOR HIGHWAY US-131 IN LIBER 448, PAGE 630.
MAPPING	
•AERIAL PHOTO IS FROM MONTCALM COUNTY GIS DATED 2022.	
•CONTOURS ARE FROM USGS LIDAR DATA DATED 2018.	
•BOUNDARY INFORMATION IS FROM SURVEY BY FEENSTRA & ASSOCIATES DATED 10/11/23.	
WETLANDS	
•NO WETLANDS EXIST ON SITE PER AVAILABLE MAPPING	
FLOODPLAIN	
•NO FLOODPLAIN EXISTS ON SITE PER AVAILABLE MAPPING	
ZONING	
•EXISTING ZONING: R-1 RESIDENTIAL	

EXISTING R-1 ZONE REGULATIONS	
•MINIMUM LOT AREA:	1 ACRE
•MINIMUM LOT WIDTH:	125'
•MINIMUM BUILDING SETBACKS:	
FRONT YARD:	35'
SIDE YARD:	10' (20' TOTAL)
REAR YARD:	25'
PROPOSED END USE	
•THIS DEVELOPMENT WILL CONSIST OF 43 SINGLE FAMILY LOTS.	
•PROPOSED PUBLIC STREETS WILL PROVIDE ACCESS TO EACH HOMESITE AND WILL BE CONSTRUCTED TO MEET MCRC PUBLIC ROAD STANDARDS. APPROVAL AND PERMIT FROM THE MCRC WILL BE REQUIRED FOR THE CONNECTION TO KENDAVILLE ROAD.	
•CONSTRUCTION OF THE SINGLE FAMILY LOTS WILL TAKE PLACE ONCE ALL PHASES OF MINING HAVE BEEN COMPLETED. PHASING OF SINGLE FAMILY LOTS TO BE DETERMINED AT THE TIME OF DEVELOPMENT.	
•ALL LOTS SHOWN CONFORM TO CURRENT ZONING REQUIREMENTS.	
•END USE OF R-1 LOTS CONFORMS TO MASTER PLAN.	
PROPOSED END USE IMPROVEMENTS	
•PRIVATE WATER WELLS TO BE PROVIDED FOR EACH SITE. (MCHD APPROVAL REQUIRED)	
•ON-SITE DRAINFIELDS TO BE INSTALLED FOR EACH SITE AT TIME HOME IS CONSTRUCTED. (MCHD APPROVAL REQUIRED)	
•STORMWATER MANAGEMENT TO BE DESIGNED TO INCORPORATE BEST MANAGEMENT PRACTICES MEETING PIERSON TOWNSHIP AND MCHD STANDARDS.	
•BURIED POWER, GAS AND CABLE (IF AVAILABLE) TO SERVICE EACH LOT WILL BE LOCATED WITHIN THE PRIVATE UTILITIES EASEMENT.	
•FINAL GRADING OF RESIDENTIAL LOTS TO BE DETERMINED WITH FINAL DEVELOPMENT CONSTRUCTION PLANS.	
•FINAL LANDSCAPING TO BE BY INDIVIDUAL LOT OWNER.	
•NO RECREATIONAL SPACES, OPEN SPACE OR COMMON ELEMENTS ARE ENVISIONED FOR FINAL USE. EACH LOT WILL BE INDIVIDUALLY OWNED.	
•FINAL RESIDENTIAL STREET LIGHTING TO BE DETERMINED AND SHALL CONFORM TO TOWNSHIP ORDINANCES.	

--- XXX --- = APPROXIMATE FINAL CONTOURS AT CONCLUSION OF MINING (TYP)
FINAL GRADING TO BE DETERMINED WITH RESIDENTIAL DEVELOPMENT CONSTRUCTION PLANS.

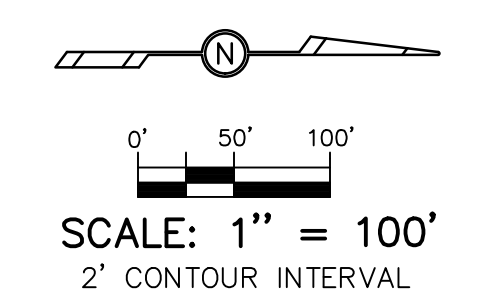
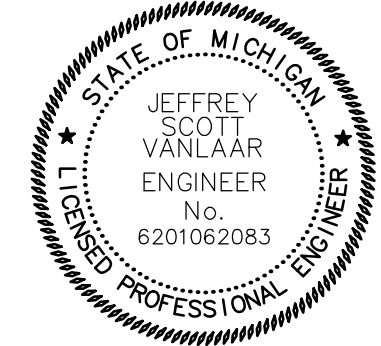
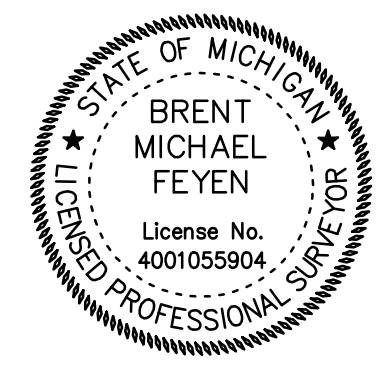


PHOTO: MONTCALM COUNTY GIS DATED 2022
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BOUNDARY INFORMATION FROM SURVEY BY FEENSTRA & ASSOCIATES DATED 10/11/23



FINAL USE AND SITE REHABILITATION PLAN
KENDAVILLE ROAD-PP#015-004-010-00

FOR: TRI-COUNTY GRAVEL
ATTN: JAMES DYKEMA
1730 3 MILE ROAD NE
GRAND RAPIDS, MI 49505
PART OF THE SW 1/4, SECTION 4, T11N, R10W, PIERSON TOWNSHIP, MONTCALM COUNTY, MICHIGAN



11/01/24	REV PER PLANNER	JDR	DRAWN BY: JDR	PROJ. ENG.: DDG	SHEET
DATE	REVISION	BY	APPROVED BY: DDG	FILE NO.: 232021E	1 of 3
				DATE: 05/23/24	

SOIL REMOVAL GENERAL NOTES

1. ALL NECESSARY APPROVALS AND PERMITS SHALL BE OBTAINED PRIOR TO GRADING AND SOIL REMOVAL, AS NECESSARY INCLUDING PIERSON TOWNSHIP AND THE MONTCALM COUNTY ROAD COMMISSION (PROPOSED DRIVEWAY) AS WELL AS ANY APPLICABLE REGULATIONS BY OTHER GOVERNMENTAL ENTITIES.
2. THE SOUTH RETENTION POND WILL BE CONSTRUCTED PRIOR TO MINING THE PHASE 1 AREA SHOWN. ALL DISTURBED AREAS TO BE GRADED TO ENSURE DRAINAGE IS DIRECTED TO THE RETENTION AREA.
3. TOPSOIL BERMS WILL BE PLACED AS INDICATED FOR EACH PHASE.
4. AN ACCESS CONTROL GATE WILL BE INSTALLED AT THE ENTRANCE AS INDICATED ON THE PLAN. FENCING WILL ALSO BE INSTALLED ALONG THE WEST AND NORTH PROPERTY LINES.
5. HOURS OF OPERATION:
SOIL REMOVAL AND LOADING OF VEHICLES USED TO TRANSPORT SOIL ARE PERMITTED ONLY BETWEEN THE HOURS OF 7:00 A.M. AND 5:00 P.M. MONDAY THROUGH FRIDAY AND BETWEEN 7:00 A.M. TO 12:00 P.M. SATURDAY. NO PROCESSING, SOIL REMOVAL OR LOADING OF VEHICLES IS PERMITTED ON SUNDAY OR THE FOLLOWING HOLIDAYS: NEW YEAR'S DAY (JANUARY 1), MEMORIAL DAY (LAST MONDAY IN MAY), INDEPENDENCE DAY (JULY 4), LABOR DAY (FIRST MONDAY IN SEPTEMBER), THANKSGIVING DAY (FOURTH THURSDAY IN NOVEMBER), AND CHRISTMAS DAY (DECEMBER 25).
6. INTERNAL ACCESS ROAD FOR SOIL REMOVAL ACTIVITIES CONSTRUCTED AS NEEDED WITH ACCESS TO KENDAVILLE ROAD VIA PROPOSED DRIVE SHOWN ON PLAN.
7. EQUIPMENT TO BE USED SHALL BE LIMITED TO A FRONT-END LOADED AND DOZER. THERE WILL BE LIMITED DRY SCREENING AND WILL OCCUR AT THE SE CORNER OF THE SITE. FUELING OF ANY EQUIPMENT ON-SITE SHALL BE CONSISTENT WITH THE REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENTAL QUALITY AND SHALL OCCUR FROM A SINGLE LOCATION THAT SHALL CONSIST OF A BERMED AND LINED AREA, OR OTHER MEANS OF SECONDARY CONTAINMENT ACCEPTABLE TO MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY.
8. THE APPLICANT SHALL COMPLY WITH ALL PROVISIONS OF THE PIERSON TOWNSHIP SPECIAL LAND USE ORDINANCE, SECTION 15.24.
9. PREVENT TRACKING AND SOIL SPILLAGE WITH IN PUBLIC RIGHT-OF-WAY AREAS. IF ANY SOIL TRACKING OR SPILLAGE DOES OCCUR, IT MUST BE REMOVED AND PAVEMENT SWEEPED DAILY OR MORE FREQUENTLY, AS NECESSARY.
10. ALL DISTURBED AREAS WHERE MINING IS COMPLETED MUST BE RESTORED WITH 6" TOPSOIL AND SEEDING.
11. SEE SHEET 1 OF 2 FOR FINAL END PLAN.
12. PER SOIL BORING INFORMATION FROM ADJACENT PLAT, NO WATER TABLE WAS ENCOUNTERED UP TO 20' BELOW GRADE. ADJACENT BORINGS PROVIDE INFORMATION AS DEEP AS ELEVATION 900 IN SOME AREAS. WATER TABLE ON PROPOSED SITE IS UNKNOWN.
13. NO SIGNS SHALL BE ERECTED EXCEPT FOR "NO TRESPASSING" SIGNS.
14. EXISTING SITE CONTAINS SPORADIC TREES AND VEGETATION.

NOTE: SEE SHEET 3 FOR MINING CROSS-SECTIONS. CROSS-SECTIONS CORRESPOND TO STREET A AND STREET B AND EXTEND THROUGH PROPERTY.

EXISTING R-1 ZONE REGULATIONS	
• MINIMUM LOT AREA:	1 ACRE
• MINIMUM LOT WIDTH:	125'
• MINIMUM BUILDING SETBACKS	
FRONT YARD:	35'
SIDE YARD:	10' (20' TOTAL)
REAR YARD:	25'

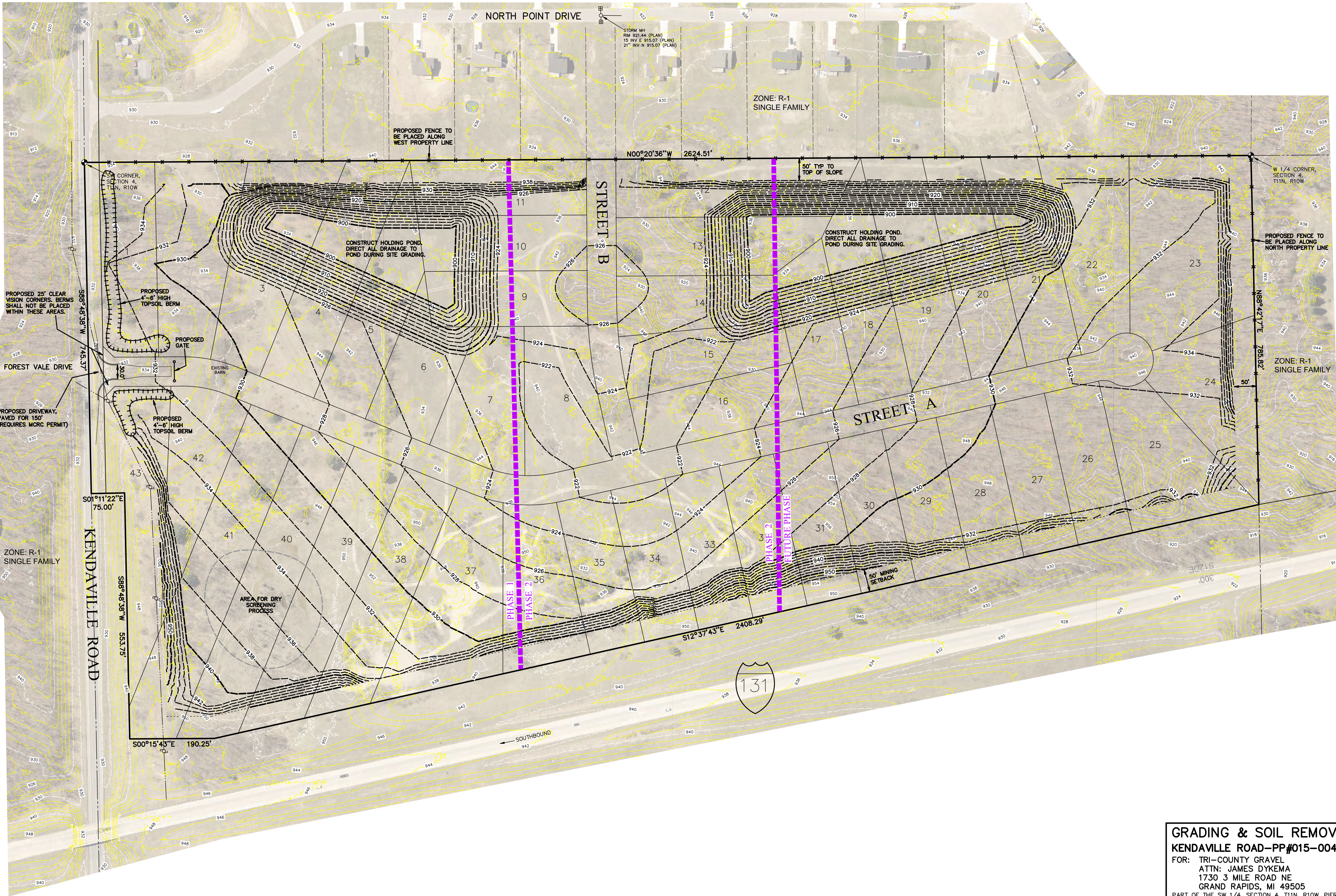
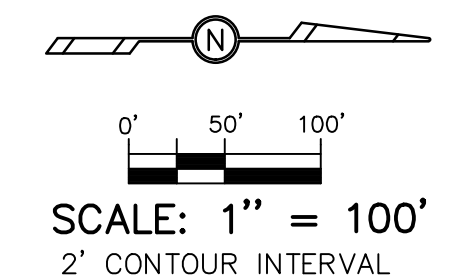


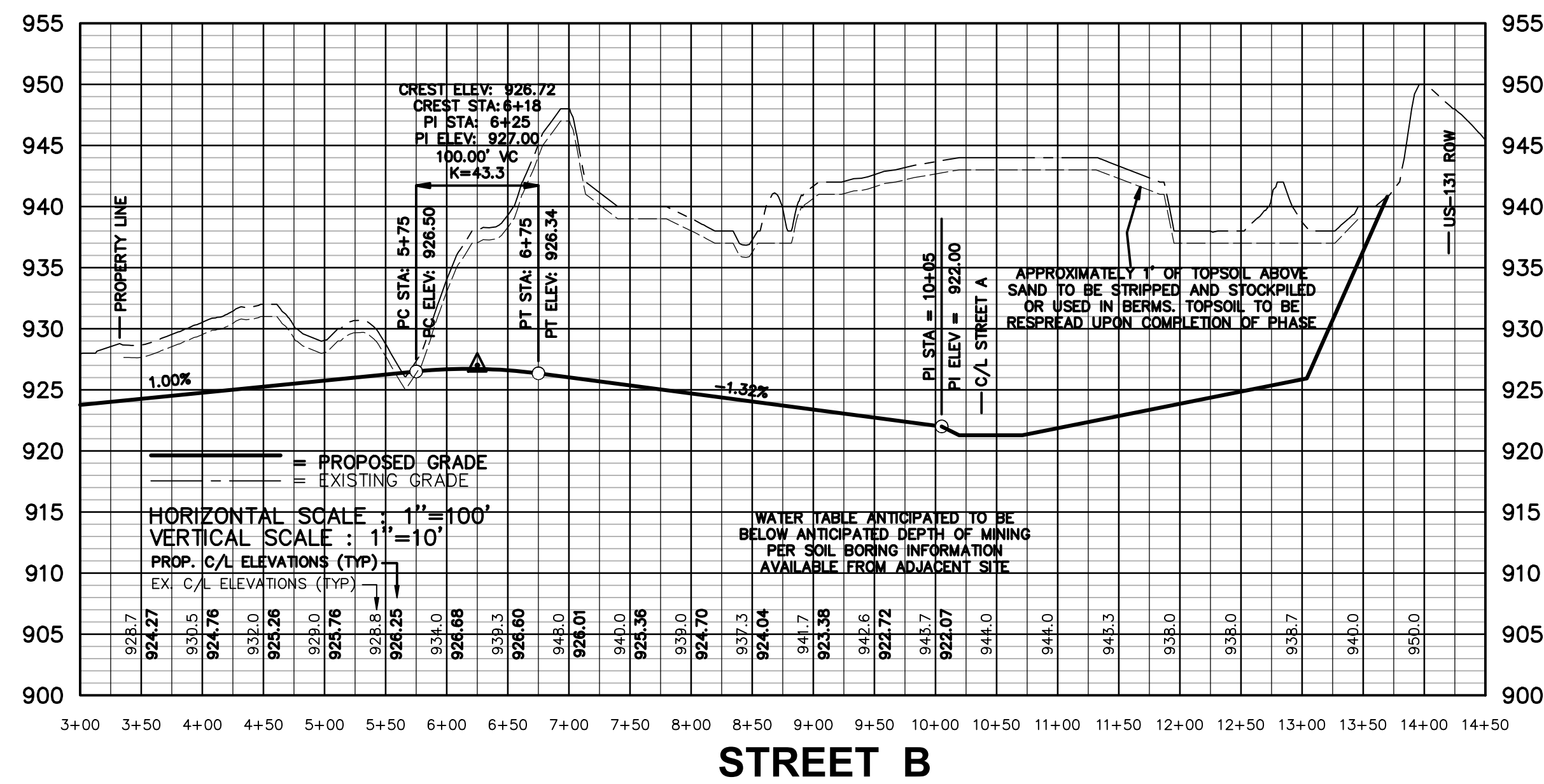
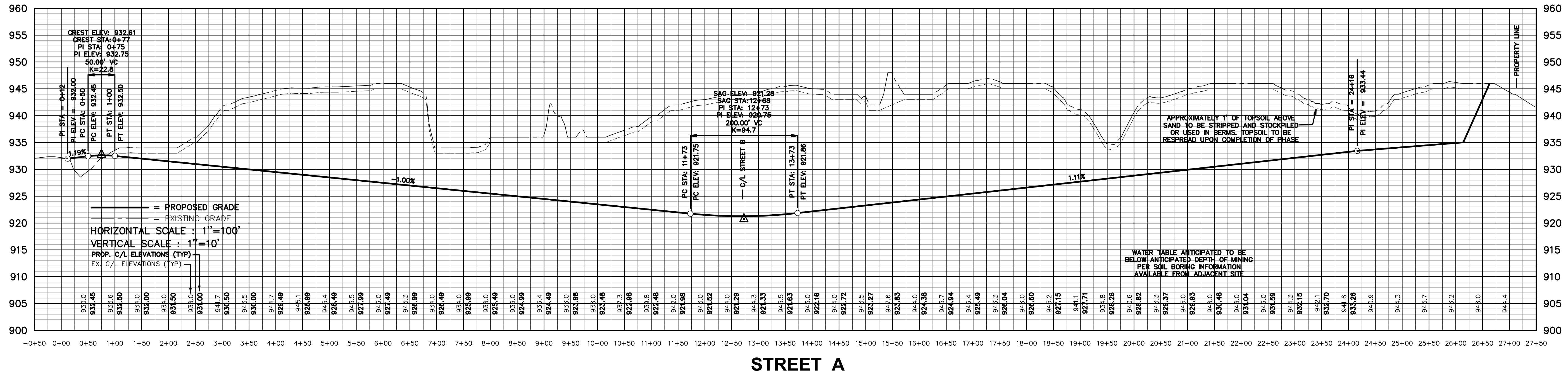
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DATE	REVISION	BY	DATE: 05/23/24
			SHEET 2 of 3

excel engineering, inc.
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 5252 Clyde Park, S.W. • Grand Rapids, MI 49509
 Phone: (616) 531-3660 www.excelengineering.com



CROSS SECTIONS
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