

NO.	DATE	BY	DESCRIPTION

DESIGNER: DKH
REVIEWER: JLR

PROJECT: 19-191

DATE: 4-26-2022

SHEET: **C5**

EPSC LEGEND

- TEMPORARY ROCK CHECK DAM (TCP-12)
- TEMPORARY INLET PROTECTION (CATCH BASIN) (TCP-24)
- SILT FENCE AND STEEL POSTS (TCP-13)
- HIGH VISIBLE CONSTRUCTION FENCE
- TEMPORARY INLET PROTECTION (OUTLET STRUCTURE) (TCP-14)
- TEMPORARY SEDIMENT TUBE (TCP-14)
- PERMANENT RIPRAP OUTLET PROTECTION (PESC-07)
- PERMANENT STABILIZATION (SOD)
- PERMANENT STABILIZATION, EROSION CONTROL BLANKET (CURLX II, OR EQUAL) (TCP-09)
- PERMANENT STABILIZATION (RIP-RAP LINING)

INITIAL EPSC PHASE NOTE

CONTRACTOR SHALL INSTALL SILT FENCE, SEDIMENT TUBES, CHECK DAMS AND CONSTRUCTION ENTRANCE FOR THIS PHASE PRIOR TO ANY GRADING OPERATIONS.

EPSC NOTES

ALL PERIMETER MEASURES MUST BE INSTALLED PRIOR TO ANY GRADING PERIMETER EPSC MEASURES MUST BE INSTALLED PRIOR TO ANY GRADING FOR SEDIMENT TRAPS / BASINS.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.

MAINTENANCE, EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

EROSION CONTROL WORK PERFORMED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS OF THE PUBLIC WORKS DEPARTMENT AND WATER SERVICES STORMWATER DIVISION OF THE METROPOLITAN GOVERNMENT OF DAVIDSON COUNTY.

ALL SEDIMENT CONTROLS AND CRITICAL SLOPES 3:1 MUST BE STABILIZED WITHIN SEVEN CALENDAR DAYS OF DISTURBANCE. ALL OTHER DISTURBED AREAS OF THE PROJECT SITE MUST BE STABILIZED WITHIN FOURTEEN CALENDAR DAYS.

ALL POINTS OF INGRESS AND EGRESS SHALL BE PROTECTED TO MINIMIZE TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAYS AND ROADS. ANY EARTH, GRAVEL, AND/OR OTHER MATERIAL TRACKED, SPILLED, OR WASHED ONTO ROAD OR ADJACENT PROPERTIES MUST BE IMMEDIATELY REMOVED AND DISPOSED OF IN A PROPER MANNER. FLUSHING WILL NOT BE PERMITTED. ALL MATERIAL MUST BE REMOVED BY MEANS OF SHOVELING AND SWEEPING.

SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL SITE IS PERMANENTLY STABILIZED.

AFTER SITE IS PERMANENTLY STABILIZED AND BEFORE EROSION CONTROL MEASURES ARE REMOVED, THE CONTRACTOR SHALL CLEAN DEBRIS AND SILT FROM ALL STORM SEWERS, STRUCTURES AND DITCHES IN AREA OF WORK.

ALL EXCAVATED MATERIAL SHALL BE PLACED ON HIGH SIDE WHEREVER POSSIBLE AND CONFINED TO AN AREA WHERE IT WILL NOT OBSTRUCT THE NORMAL FLOW OF THE DRAINAGE.

PUMPING OF SEDIMENT LADEN WATER WILL NOT BE ALLOWED UNLESS IT IS FILTERED BY WAY OF AN APPROVED SEDIMENT TRAPPING DEVICE.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING FILTERS AND SILT FENCES CLEAR OF SEDIMENT BUILDUP DURING CONSTRUCTION.

CONTINUOUS INSPECTION AND MAINTENANCE OF THE SEDIMENT CONTROL DEVICES IS MANDATORY.

ANY SEDIMENT CONTROL DEVICES DISTURBED DURING SITE GRADING AND UTILITY CONSTRUCTION MUST BE RESTORED IMMEDIATELY.

EXPOSE THE SMALLEST AREAS OF SOIL FOR AS SHORT A TIME AS POSSIBLE.

KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS. USE TEMPORARY VEGETATION AND / OR MULCH TO PROTECT BARE AREAS FROM EROSION DURING CONSTRUCTION.

ALL CUT/FILL AREAS TO HAVE A MINIMUM OF 6-INCH DEPTH TOPSOIL COVER. AREAS DRESSED WITH TOPSOIL WILL RECEIVE 12 POUNDS PER 1000 SQUARE FEET OF FERTILIZER, 8 POUNDS OR MORE OF SEED PER 1000 SQUARE FEET (SEE TDOT SEED CHART) AND A STRAW MULCH OF 70% - 80% COVERAGE (APPROXIMATELY 125 POUNDS PER 1000 SQUARE FEET) EXCEPT AS OTHERWISE DETERMINED BY PLAN.

DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED ON PLAN TO SEDIMENT BARRIERS DURING AND UPON COMPLETION OF CONSTRUCTION.

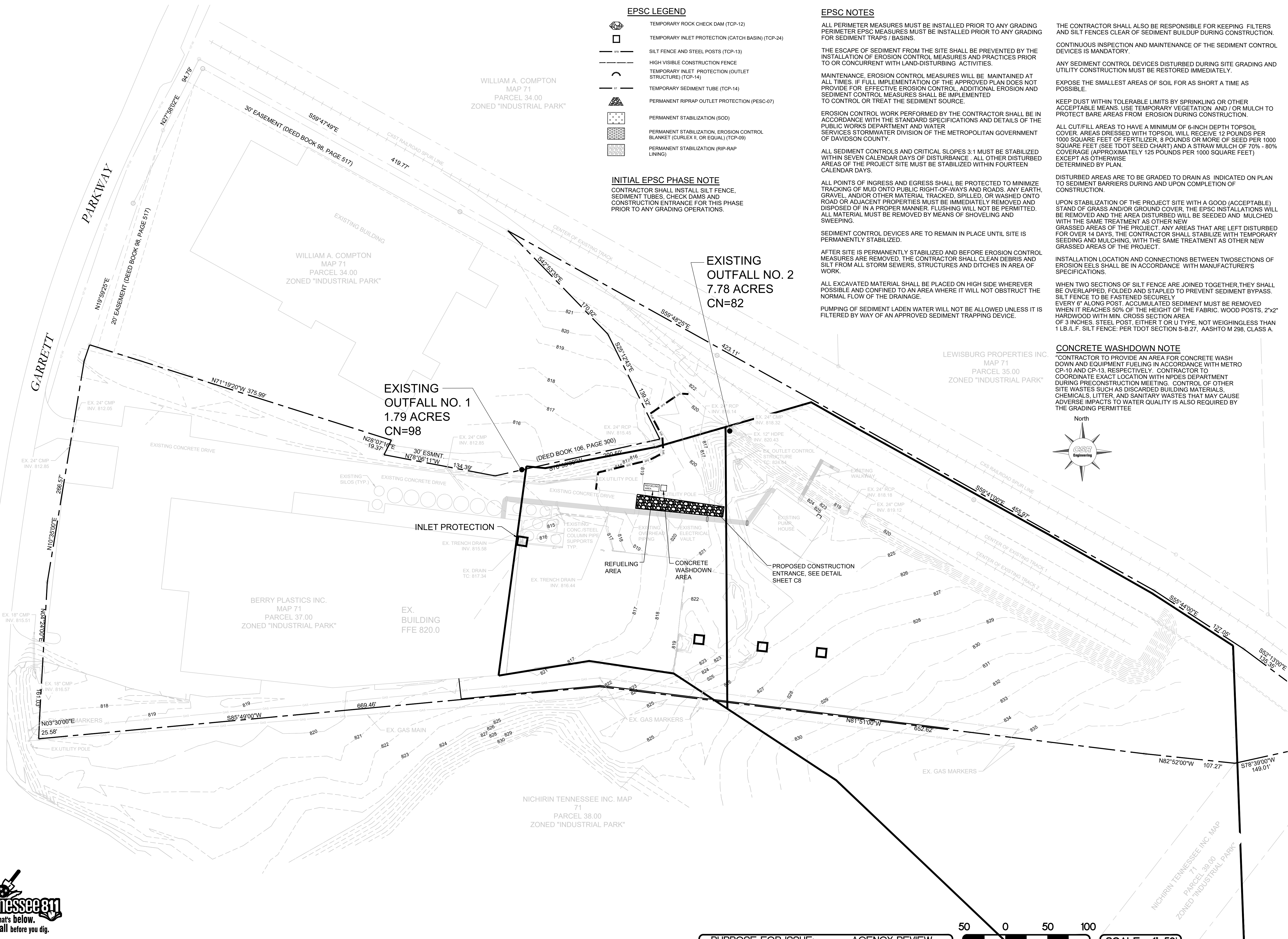
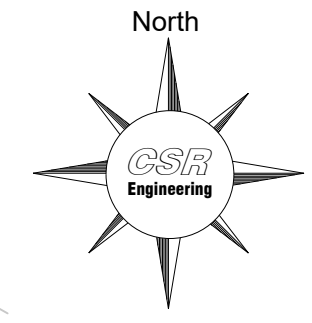
UPON STABILIZATION OF THE PROJECT SITE WITH A GOOD (ACCEPTABLE) STAND OF GRASS AND/OR GROUND COVER, THE EPSC INSTALLATIONS WILL BE REMOVED AND THE AREA DISTURBED WILL BE SEEDING AND MULCHED WITH THE SAME TREATMENT AS OTHER NEW GRASSED AREAS OF THE PROJECT. ANY AREAS THAT ARE LEFT DISTURBED FOR OVER 14 DAYS, THE CONTRACTOR SHALL STABILIZE WITH TEMPORARY SEEDING AND MULCHING WITH THE SAME TREATMENT AS OTHER NEW GRASSED AREAS OF THE PROJECT.

INSTALLATION LOCATION AND CONNECTIONS BETWEEN TWO SECTIONS OF EROSION EELS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

WHEN TWO SECTIONS OF SILT FENCE ARE JOINED TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS. SILT FENCE TO BE FASTENED SECURELY EVERY 6' ALONG POST. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE FABRIC. WOOD POSTS, 2"x2" HARDWOOD WITH MIN. CROSS SECTION AREA OF 3 INCHES, STEEL POST, EITHER T OR U TYPE, NOT WEIGHING LESS THAN 1 LB./L.F. SILT FENCE: PER TDOT SECTION S-2.7, AASHTO M 298, CLASS A.

CONCRETE WASHDOWN NOTE

CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING IN ACCORDANCE WITH METRO CP-10 AND CP-13, RESPECTIVELY. CONTRACTOR TO COORDINATE EXACT LOCATION WITH NPDES DEPARTMENT DURING PRECONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY IS ALSO REQUIRED BY THE GRADING PERMITTEE.



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INTERIM EPSC PHASE NOTE

ONCE OPEN DETENTION PONDS ARE CONSTRUCTED, THE CONTRACTOR MUST IMMEDIATELY INSTALL INLET PROTECTION STAKED AND STABILIZED POND SOIL WITH BLANKETS AND OR SOD.

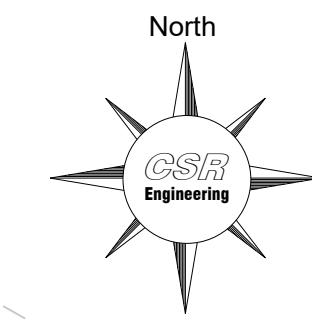
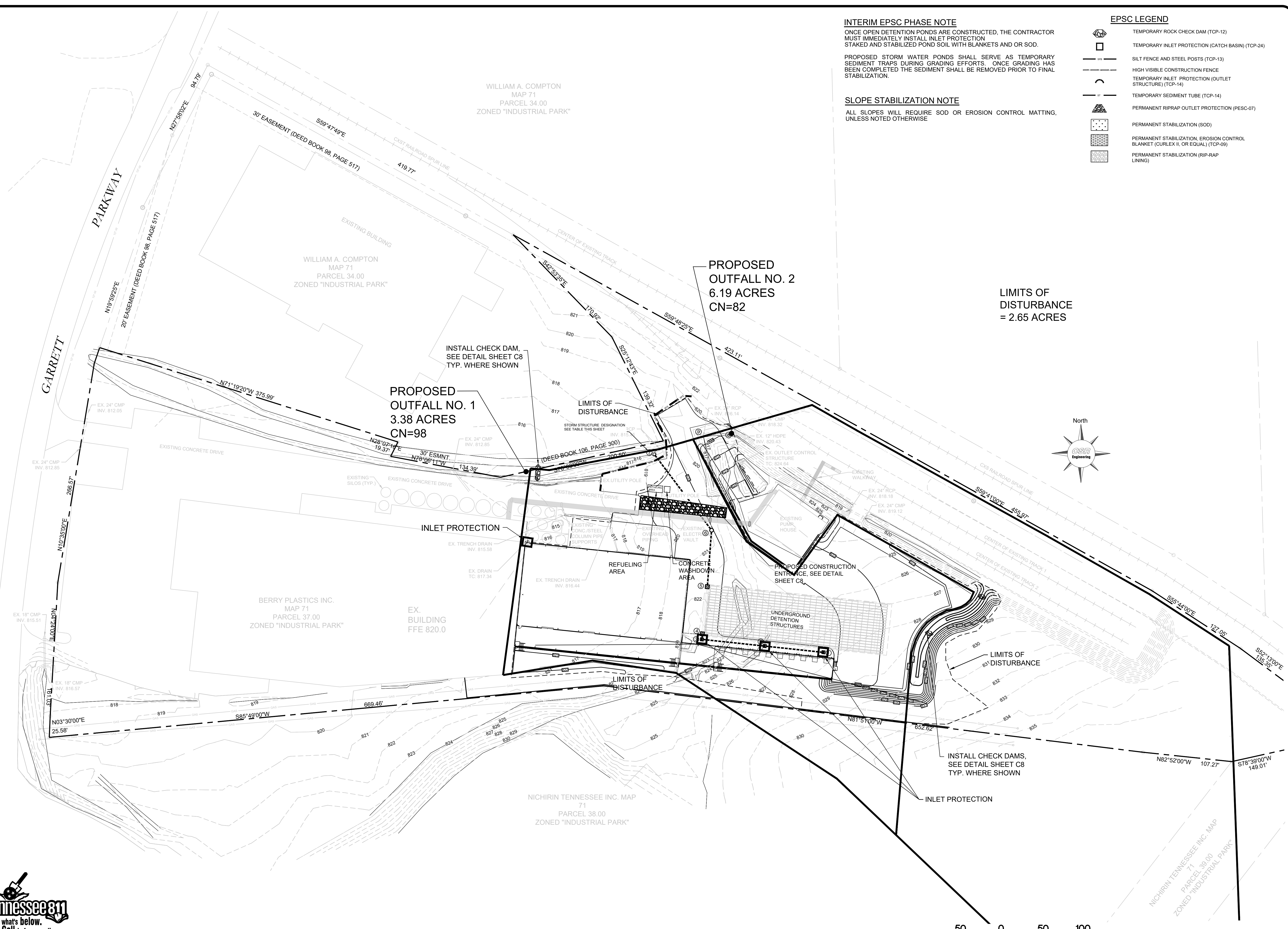
PROPOSED STORM WATER PONDS SHALL SERVE AS TEMPORARY SEDIMENT TRAPS DURING GRADING EFFORTS. ONCE GRADING HAS BEEN COMPLETED THE SEDIMENT SHALL BE REMOVED PRIOR TO FINAL STABILIZATION.

SLOPE STABILIZATION NOTE

ALL SLOPES WILL REQUIRE SOD OR EROSION CONTROL MATTING, UNLESS NOTED OTHERWISE

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PURPOSE FOR ISSUE: AGENCY REVIEW



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FINAL EPSC PHASE NOTE

ALL EROSION CONTROL MEASURES SHOWN IN THIS PHASE ARE PERMANENT.

ALL SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITH EROSION CONTROL BLANKET.

ALL OTHER AREAS SHALL BE STABILIZED WITH SEED/STRAW.

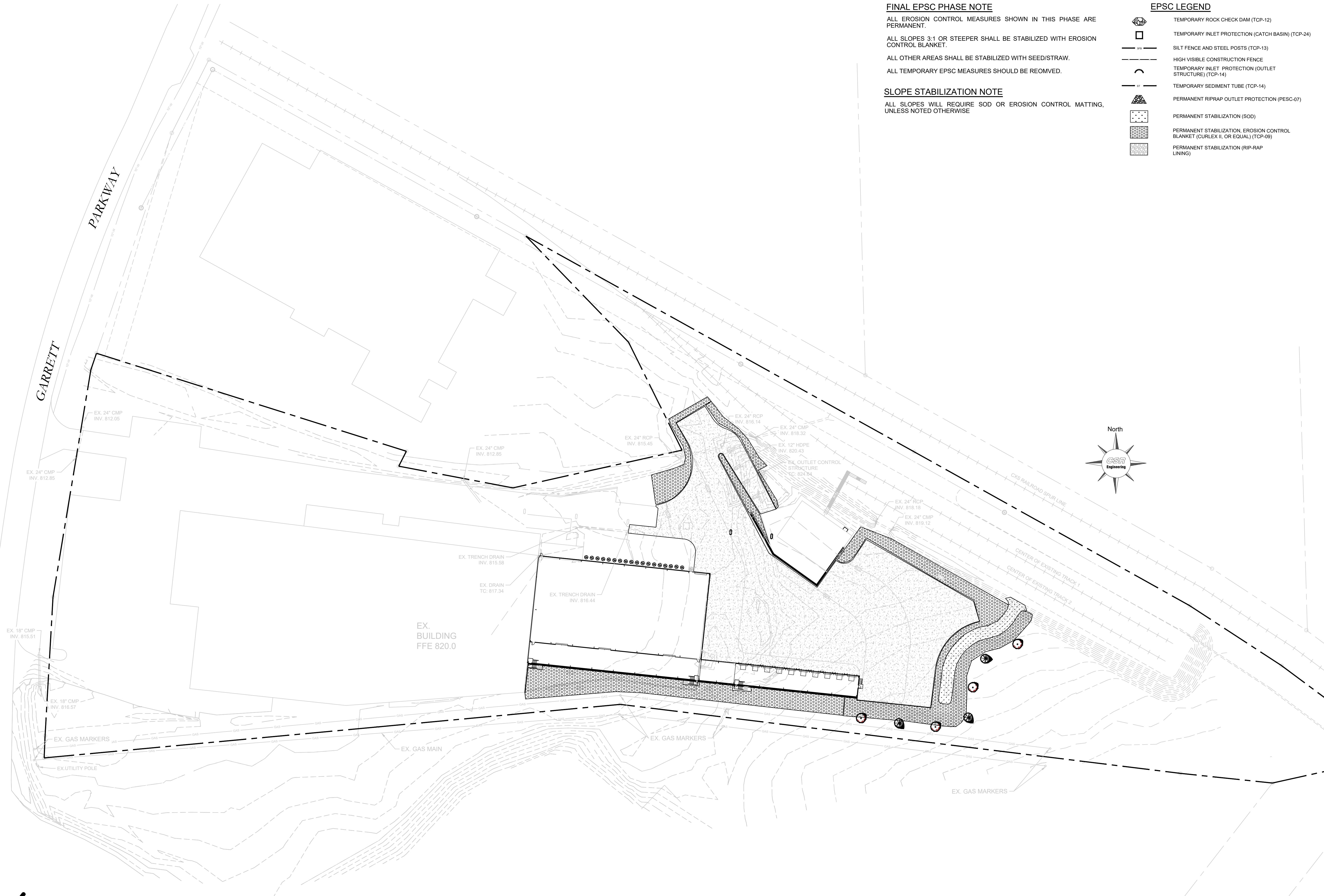
ALL TEMPORARY EPSC MEASURES SHOULD BE REMOVED.

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