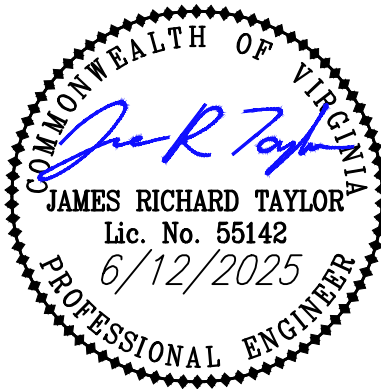




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H2OKIE AQUATIC TRAINING FACILITY

GRADING & EROSION CONTROL PLAN

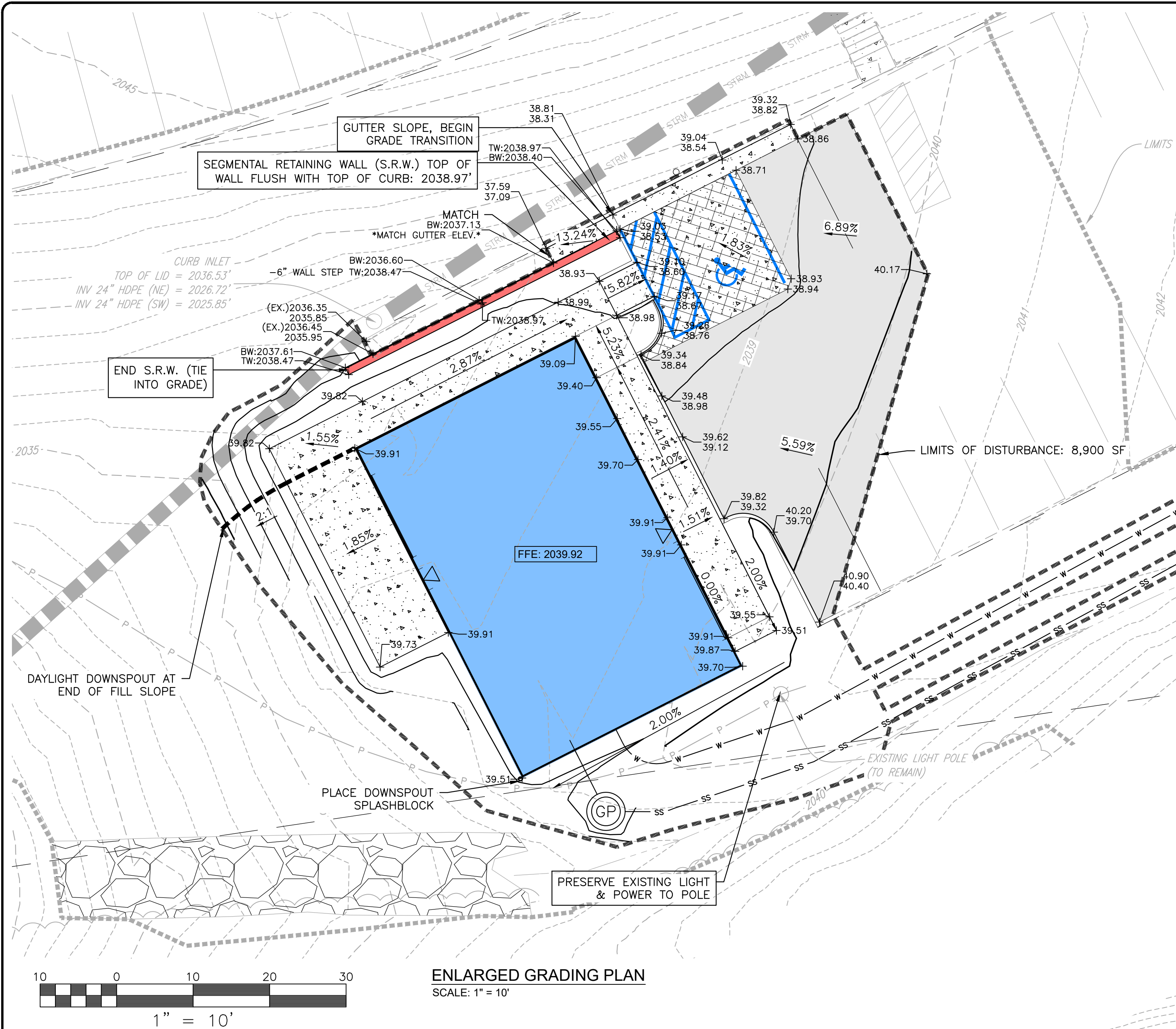
TOWN OF CHRISTIANSBURG, VA
995 NORTH FRANKLIN STREET, CHRISTIANSBURG, VA 24073

DRAWN BY: MSL
DESIGNED BY: MSL
CHECKED BY: JRT
DATE: 6/12/2025
SCALE: 1" = 30'
REVISIONS:

C5
PROJECT NO. 24230168.00

CONSTRUCTION SEQUENCE

1. AS THE FIRST STEP IN IMPLEMENTATION OF THIS EROSION AND SEDIMENT CONTROL PLAN, IT SHALL BE THE GENERAL CONTRACTOR'S (GC) RESPONSIBILITY TO REVIEW THIS PLAN IN DETAIL WHILE FAMILIARIZING THEMSELVES WITH THE SITE PRIOR TO COMMENCING ANY WORK.
2. **NOTE:** FAILURE TO FOLLOW THE SEQUENCE OF CONSTRUCTION OF THE APPROVED PLAN SHALL BE CONSIDERED A VIOLATION AND WILL RESULT IN FURTHER ENFORCEMENT, INCLUDING, BUT NOT LIMITED TO STOP WORK ORDERS AND CIVIL PENALTIES.
3. A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE OWNER/DEVELOPER, GC, ENGINEER, TOWN STAFF, AND ANY OTHER NECESSARY AGENCIES IN ATTENDANCE. ATTENDEES SHALL BE GIVEN AT LEAST ONE WEEK NOTICE PRIOR TO THE PRECONSTRUCTION MEETING. NO LAND DISTURBING ACTIVITY SHALL OCCUR PRIOR TO THIS MEETING OR THE ISSUANCE OF THE LAND DISTURBING PERMIT.
4. GC SHALL COORDINATE WITH THE ENGINEER TO HAVE THE LIMITS OF DISTURBANCE AND PROPERTY LINES CLEARLY MARKED IN THE FIELD. PERIMETER CONTROLS (I.E. SILT FENCE OR DIVERSION DIKES) SHALL BE SUPPLEMENTED BY FLAGGING, PAINT, AND/OR STAKES AS APPROPRIATE TO ENSURE ALL LIMITS OF DISTURBANCE ARE CLEARLY MARKED.
5. GC SHALL CONTACT MISS UTILITY TO HAVE THE LOCATION OF ANY AND ALL EXISTING UTILITIES MARKED. GC SHALL COORDINATE ANY RELOCATION OF ANY UNDERGROUND UTILITIES, SUCH AS GAS, ELECTRIC, AND TELECOMMUNICATION LINES AS REQUIRED.
6. THE CONTRACTOR SHALL INSTALL THE PERIMETER EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN.
7. NOTIFY TOWN STAFF AND DESIGN PROFESSIONAL OF INTENT TO BEGIN GENERAL SITE CONSTRUCTION. TOWN STAFF SHALL BE AFFORDED THE OPPORTUNITY TO INSPECT INSTALLED EROSION AND SEDIMENT CONTROL MEASURES AND PROVIDE APPROVAL PRIOR TO COMMENCING WITH FULL LAND DISTURBANCE.
8. INSTALL INLET PROTECTION ON EXISTING STORM STRUCTURE PER PLAN.
9. COMMENCE SAW CUTS AND REMOVAL OF EXISTING PAVEMENT AS INDICATED.
10. MULCH AND SEED DISTURBED AREAS ONCE THEY ARE BROUGHT TO GRADE.
11. BEGIN NEW BUILDING CONSTRUCTION.
12. ONCE CONSTRUCTION ACTIVITIES ARE NO LONGER LIKELY TO CAUSE DAMAGE, INSTALL SIDEWALK, CURB & GUTTER, AND ASPHALT PAVEMENT. APPLY SODDING AND MULCHING TO EARTHEN AREAS.
13. REMOVE INLET PROTECTION AFTER ALL EXPOSED SOILS ARE STABILIZED.
14. THE GC SHALL CONTACT THE TOWN OF CHRISTIANSBURG ENGINEERING DEPARTMENT FOR FINAL SITE INSPECTION.

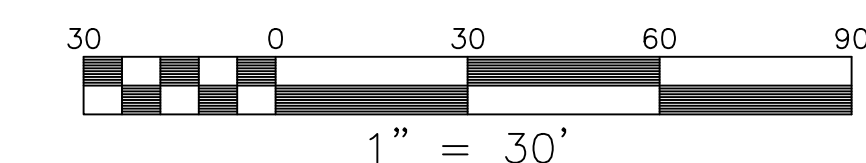
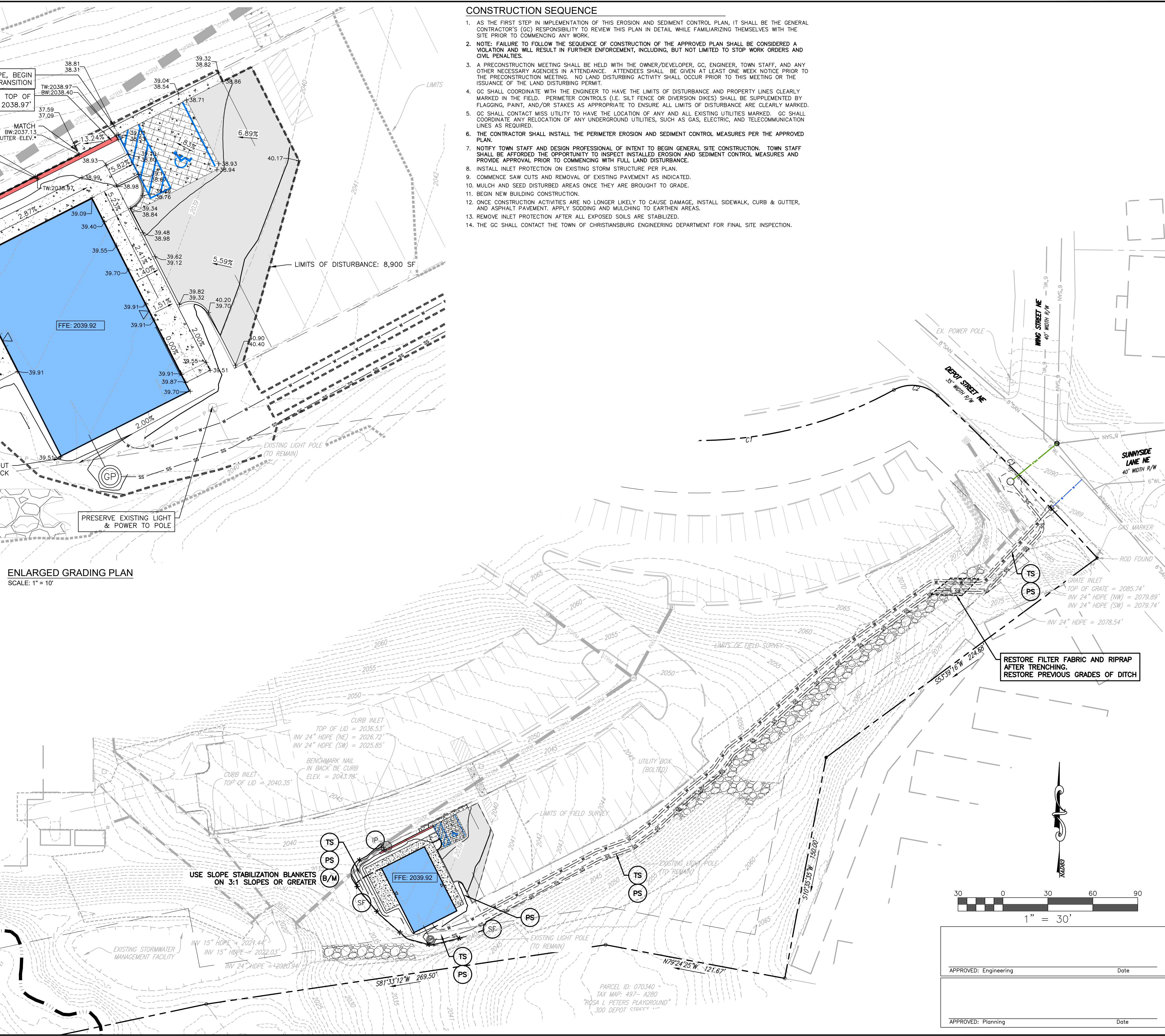


LEGEND

3.05	SILT FENCE	SF
3.07	INLET PROTECTION	IP
3.31	TEMPORARY SEEDING	TS
3.36	SOIL STABILIZATION BLANKETS & MATTING	B/M

E.&S.C. MAINTENANCE SCHEDULE

1. SILT FENCE BARRIER:
 - 1.1. SHALL BE CHECKED IMMEDIATELY AFTER EACH RUNOFF PRODUCING EVENT AND DAILY DURING PROLONGED RAIN EVENTS FOR UNDERMINING OR DETERIORATION OF THE FABRIC.
 - 1.2. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
 - 1.3. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING.
 - 1.4. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 - 1.5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.
2. SEEDED AREAS:
 - 2.1. SHALL BE CHECKED MONTHLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED AND RESEEDED AS NECESSARY.
 - 2.2. SEEDED AREAS WHICH FAIL TO ESTABLISH A VEGETATIVE COVER SHALL BE RESEEDED AS NECESSARY.
3. STORM DRAIN INLET PROTECTION:
 - 3.1. SHALL BE CHECKED AFTER EACH RUNOFF PRODUCING EVENT FOR SEDIMENT BUILDUP, WHICH WILL PREVENT DRAINAGE.
 - 3.2. AGGREGATE SHALL BE REPLACED OR CLEANED WHEN INSPECTION REVEALS THAT CLOGGED VOIDS ARE CAUSING PONDING PROBLEMS WHICH INTERFERE WITH ON-SITE CONSTRUCTION.
 - 3.3. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE AREA AROUND THE INLET AS NECESSARY TO ALLOW FOR ADEQUATE PONDING. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE SEDIMENTATION PROBLEMS.
 - 3.4. ANY PROPRIETARY SEDIMENT TRAPPING MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - 3.5. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



APPROVED: Engineering	Date
APPROVED: Planning	Date