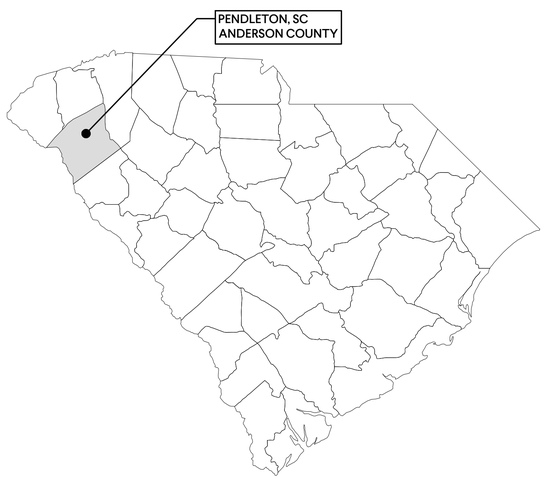
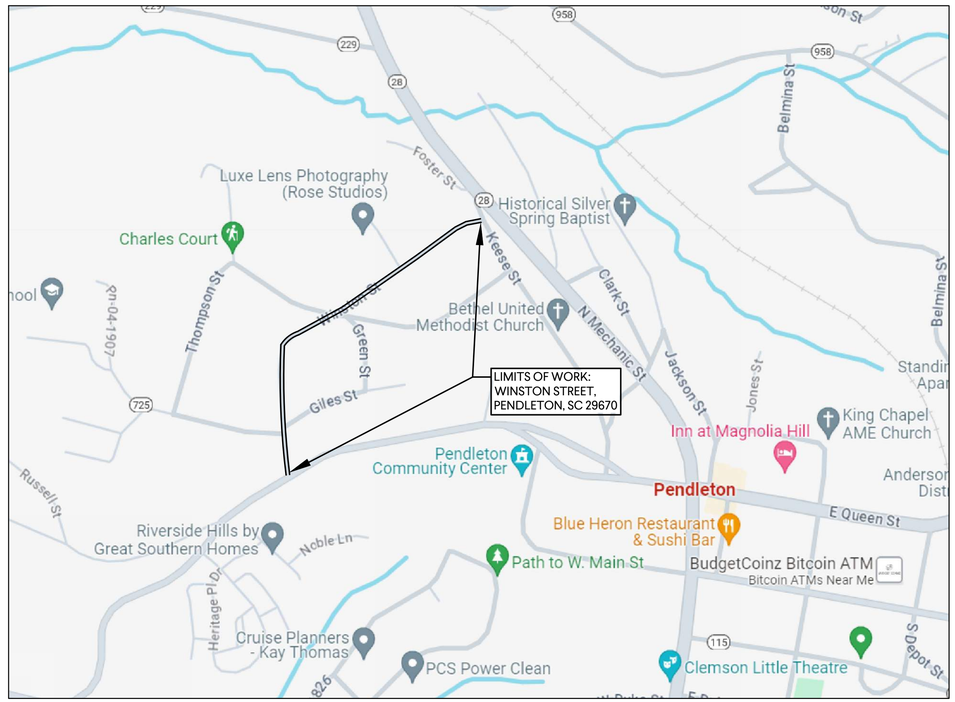
SITE DEVELOPMENT PLANS
FOR
TOWN OF PENDLETON
WINSTON STREET SIDEWALK

WINSTON STREET
PENDLETON, SC 29670





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SAFETY NOTICE TO CONTRACTOR:
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTORS PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTORS SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

WARRANTY/DISCLAIMER:
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

I have placed my signature and seal on the design documents submitted signifying that I accept responsibility for the design of the system. Further, I certify to the best of my knowledge and belief that the design is consistent with the requirements of Title 48, Chapter 14 of the Code of Laws of SC, 1976 as amended, pursuant to Regulation 72-300 et seq.(if applicable), and in accordance with the terms and conditions of SCR100000.

GENE HINKLE - SC PE# 22015

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811 Know what's **below.** **Call** before you dig.

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ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx

PROJECT MANAGER: MGL
DESIGNER: NDW

COVER SHEET
TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-0.0

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PLOTTED: Jan 30, 2026 - 9:26pm

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GENERAL CONSTRUCTION CONDITIONS:

1. THE TERM OF OWNER AS USED IN THESE SPECIFICATIONS AND NOTES SHALL INCLUDE THE OWNER OF THE PROPERTY, THE COMPANY OR PARTY THAT HIRED THE CONTRACTOR, THE COMPANY OR PARTY THAT SIGNED THE CONTRACT FOR THIS WORK AND THE AGENTS OF EACH. THE OWNER'S REPRESENTATIVE SHALL BE THE INDIVIDUAL OR PARTY ASSIGNED BY THE OWNER TO BE THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY PERMITS, CONNECTION PERMITS, FEES, INSPECTIONS AND RECORD KEEPING REQUIRED BY ALL MUNICIPAL, UTILITY, HEALTH, ENVIRONMENTAL, STATE OR FEDERAL AGENCIES THAT MAY HAVE JURISDICTION. FURTHERMORE, THE CONTRACTOR SHALL BE RESPONSIBLE TO MEET OR EXCEED ALL REQUIREMENTS OF THE AGENCIES OR AUTHORITIES HAVING JURISDICTION OVER HIS WORK. ALL CONFLICTS IN REQUIREMENTS OF DIFFERENT AGENCIES, AUTHORITIES AND/OR THE DESIGN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND MAINTAIN THE PROPERTY AND PROJECT LIMITS THROUGH OUT THE PROJECT. ALL CONFLICTS BETWEEN THE DESIGN AND THE PROJECT/PROPERTY LIMITS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING. UNLESS DESCRIBED IN THE CONTRACT DOCUMENTS OR SHOWN ON THE DRAWINGS THE OWNER HAS NOT SECURED ANY RIGHT OF WAYS, EASEMENTS OR AGREEMENTS WITH OTHER PROPERTY OWNERS OR PROPERTY USERS. THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND MAINTAIN ANY TEMPORARY RIGHT OF WAYS, EASEMENTS, PERMITS OR AGREEMENTS HE MAY NEED TO PERFORM HIS WORK. ALL SUCH AGREEMENTS SHALL HOLD THE OWNER, ENGINEER AND HIS AGENTS HARMLESS AND THE RESPONSIBILITY OF THE CONTRACTOR TO BEAR ALL COSTS. THE CONTRACTOR SHALL COPY THE OWNER ON RELEASES OF ALL AGREEMENTS PRIOR TO FINAL PAYMENT BY THE OWNER TO THE CONTRACTOR.
4. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEY, LAYOUT AND RECORD DRAWINGS FOR THIS CONTRACT. ANY CONFLICTS IN SURVEY/LAYOUT AND THE DESIGN OR AGENCIES REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL PROTECT AND SAFEGUARD ALL EXISTING SURVEY MONUMENTS, CONTROL AND TIE-DOWNS. THE CONTRACTOR SHALL PAY ALL COSTS TO REPAIR OR REPLACED DAMAGED SURVEY MONUMENTS, CONTROL AND TIE-DOWNS.
5. NO CHANGES TO THE DESIGN OR MATERIALS SPECIFIED MAY BE MADE WITHOUT WRITTEN AUTHORIZATION BY THE ENGINEER OR IN THE CASE OF UTILITIES OR ROAD WORK TO BE DEDICATED, THE AUTHORITY RECEIVING DEDICATION. AT THE END OF THE CONTRACT, THE CONTRACTOR SHALL PROVIDE TO THE OWNER A RECORD SET OF DRAWING REFLECTING ALL CHANGES MADE BY THE CONTRACTOR DURING CONSTRUCTION.
6. EROSION CONTROL IS NECESSARY WHEN EVER SEDIMENT, DUST, EROSION, OR CONTAMINATED RUN-OFF MAY OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLACE AND MAINTAIN WHAT EVER EROSION CONTROL OR RUN-OFF PROTECTION IS REQUIRED TO PROTECT HIS WORK, THE WORK OF OTHERS, THE PROJECT, ADJACENT PROPERTIES AND THE HEALTH AND WELL BEING OF THE WORKERS, PUBLIC AND SURROUNDING NATURAL RESOURCES. THEY SHALL BE FAMILIAR WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS REGARDING EROSION AND RUN-OFF CONTROL.
7. THE CONTRACTOR SHALL BE FAMILIAR WITH THE PROJECT SITE AND ALL ADJACENT PEDESTRIAN, TRAFFIC AND BUSINESS USES. THE CONTRACTOR SHALL TAKE WHAT EVER PRECAUTIONS AND STEPS NECESSARY TO MAINTAIN SAFETY AND OPERATION OF THESE USES IN ACCORDANCE WITH FEDERAL, STATE, COUNTY AND LOCAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS AND DAMAGES CAUSED FROM HIS FAILURE TO TAKE PROPER AND ADEQUATE PRECAUTIONS. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS REGARDING THESE USES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS AND DELAYS ASSOCIATED WITH WEATHER, GROUNDWATER, AND OTHER OCCURRENCES THAT COULD BE EXPECTED OR ARE COMMON WITH THIS TYPE WORK. THE CONTRACTOR SHALL REVIEW ALL PERTINENT DOCUMENTS INCLUDING SOILS REPORTS, SOILS BORINGS AND OTHER SOIL OR SITE DATA.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO SAVE AND PROTECT HIS WORK THROUGH OUT THE CONTRACT. ANY DAMAGES REQUIRING REPAIRS OR REPLACEMENT SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE.
10. WHEN WORK IS DONE WITHIN A ROAD, UTILITY OR PRIVATE EASEMENT, RIGHT OF WAY OR OTHER PROPERTY AGREEMENT THE CONTRACTOR SHALL DO ALL WORK WITHIN THAT AREA PER THE AUTHORITY HAVING JURISDICTION.
11. ALL UTILITIES ARE SHOWN PER SURFACE SURVEYS AND/OR RECORD MAPS AND MAY VARY FROM ACTUAL IN FIELD LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY STAKE OUTS AND LOCATING UTILITIES PRIOR TO COMMENCING WORK. ANY DAMAGE TO UTILITIES DUE TO IMPROPER STAKE OUT, LACK OF STAKE OUT OR THE FAILURE TO VERIFY DIFFERENCES BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, REPLACE OR PAY DAMAGES AT NO EXPENSE TO THE CONTRACT.

EROSION CONTROL:

1. PRIOR TO CONSTRUCTION EQUIPMENT ENTERING OR EXITING THE SITE, A CONSTRUCTION ENTRANCE SHALL BE BUILT UNLESS EXISTING CONDITIONS PREVENT ANY TRACKING OF DIRT, MUD, OR DEBRIS OFF THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE TO KEEP ALL ROADS, PARKING LOTS, SIDEWALKS AND ADJACENT PROPERTIES FREE OF DIRT, MUD OR OTHER DEBRIS. THIS WILL INCLUDE BUILDING THE CONSTRUCTION ENTRANCE, SWEEPING, SCRAPING AND WASHING THE PAVEMENT SURFACES WHEN EVER NEEDED. THE CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS. IF A DETAIL IS NOT PROVIDED, CONSTRUCT THE ENTRANCE WITH CLEAN 2 TO 3 INCH STONE, 6 INCHES THICK, OVER STABILIZING FABRIC TO THE DIMENSIONS OF 12 FEET WIDE AND 50 LONG. THE ENTRANCE SHOULD BE LOCATED SO THAT ALL VEHICLES LEAVING THE SITE WILL UTILIZE IT.
2. ALL EROSION CONTROL DEVICES SHALL BE PLACED AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH FEDERAL, STATE, LOCAL AND MANUFACTURES RECOMMENDATIONS. THE CONTRACTOR SHALL PLACE AND MAINTAIN ALL EROSION CONTROL DEVICES AS NEEDED THROUGH OUT THE PROJECT.
3. SILT FENCE SHALL HAVE HARD WOOD STAKES 2X2 INCH AND 4 FEET LONG WOVEN INTO THE FABRIC. THE BASE OF THE SILT FENCE SHALL BE EXCAVATED SO AS TO PROVIDE AN AREA TO BURY THE BOTTOM OF THE FABRIC AT LEAST 6 INCHES INTO THE GROUND. THE STAKES SHALL BE DRIVEN TO A DEPTH THAT WILL PLACE THE BOTTOM FABRIC AT THE BOTTOM OF THE TRENCH. THEN BACKFILL THE BOTTOM FABRIC ON THE UPSTREAM SIDE WITH THE MATERIAL THAT WAS EXCAVATED.
4. SILT FENCE SHALL BE PLACED WHERE EVER SURFACE DRAINAGE CAN LEAVE THE SITE.
5. STONE FILTERS SHALL BE PLACED IN ALL DRAINAGE WAYS BUT NOT IN STREAMS, CREEKS OR RIVERS. STONE FILTERS SHALL CONSIST OF A UNIFORM MIX OF ¼ TO ¾ INCH CLEAN STONE WRAPPED IN FILTER FABRIC AND COVERED WITH 4 INCH STONE.
6. SEDIMENT BASINS AND TRAPS SHALL BE PLACED AND MAINTAINED AS NEEDED. THEY SHALL BE SIZED TO PROVIDE ADEQUATE STORAGE TO ALLOW SEDIMENT TO PRECIPITATE OUT PRIOR DISCHARGING DOWN STREAM.
7. TEMPORARY SEEDING SHALL CONSIST OF LIME @ ½ TON PER ACRE, FERTILIZER 5-10-10 @ 600 POUNDS PER ACRE, RYEGRASS (ANNUAL OR PERENNIAL) @ 40 POUNDS PER ACRE AND STRAW MULCH @ 2 TON PER ACRE. JUTE MESH SHALL BE PLACED OVER MULCH AND STAKED WHENEVER WINDS OR SLOPE WILL CAUSE THE MULCH AND SEED TO BECOME DEPLETED OR ERODED. AREAS SHALL BE TEMPORARY SEEDED WHEN THEY ARE SUBJECT TO EROSION AND WILL LIE DORMANT FOR A MONTH OR MORE.

CLEARING AND GRUBBING:

1. THE CONTRACTOR SHALL REVIEW PLANS AND IDENTIFY AND SAFELY MARK ALL PLANTS AND TREES TO BE SAVED. THE CONTRACTOR SHALL PROTECT ALL PLANTS AND TREES TO BE SAVED THROUGH OUT THE CONTRACT. THIS SHALL INCLUDE PROHIBITING ANY WORK WITHIN THE DRIP LINE OF THE TREE EXCEPT UNDER THE SUPERVISION OF A LICENSED LANDSCAPE ARCHITECT.
2. ALL AREAS TO BE CLEARED AND GRUBBED SHALL BE SURVEYED IN THE FIELD TO ESTABLISH THE APPROPRIATE LIMITS OF WORK.
3. THE CONTRACTOR SHALL TAKE WHAT EVER MEASURES NECESSARY TO LOCATE AND PROTECT EXISTING UTILITIES, STRUCTURES, AND OTHER FACILITIES TO REMAIN.
4. ALL TREES, SHRUBS, STUMPS, ROOTS AND OTHER DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A LEGAL MANNER.
5. NO BURNING WILL BE ALLOWED ON SITE.

DEMOLITION:

1. THE CONTRACTOR SHALL INSPECT ALL STRUCTURES, FACILITIES AND AREAS SLATED FOR DEMOLITION TO GAIN A FULL UNDERSTANDING OF THE WORK REQUIRED. THE CONTRACTOR SHALL TAKE WHAT EVER MEASURES NECESSARY TO PROTECT THE SAFETY OF THE PUBLIC, HIS EMPLOYEES AND AGENTS DURING THE INSPECTIONS AND SUBSEQUENT WORK. THE OWNER, CLIENT AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONDITION OF THE BUILDINGS, FACILITIES OR OTHER AREAS SLATED FOR DEMOLITION.
2. ALL MATERIALS NOT SLATED FOR REUSE MUST BE DISPOSED OF OFF SITE IN A LEGAL MANNER. THE CONTRACTOR MAY SALVAGE ALL MATERIALS NOT DESIGNATED BY THE OWNER TO BE SAVED. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND STORE SAFELY ALL MATERIALS SLATED TO BE SAVED OR REUSED. THE CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS USING PHOTOGRAPHS PRIOR TO START OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS TO REPAIR OR REPLACE MATERIALS DAMAGED DUE TO HIS WORK OR FAILURE TO PROTECT THROUGH OUT THE DURATION OF HIS CONTRACT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ALL APPROPRIATE UTILITY OWNERS, OPERATORS AND USERS PRIOR TO DISCONNECTION AND DEMOLITION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. ALL PLUGS, STOPS AND CAPS SHALL BE PER AGENCIES REQUIREMENTS AND IF NONE EXIST THEN A 3000 PSI CONCRETE PLUG WITH A THICKNESS EQUAL TO THE DIAMETER OF THE PIPE SHALL BE USED.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY AND STOP ALL WORK IN AREAS WHERE HAZARDOUS MATERIALS ARE DISCOVERED. WHEN REQUIRED, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE ENVIRONMENTAL AND HEALTH AGENCIES.
5. NO BURNING, EXPLOSIVES OR OTHER POTENTIALLY DANGEROUS METHODS OF DEMOTION WILL BE ALLOWED UNLESS WRITTEN PERMISSION IS GRANTED BY THE OWNER AND ALL APPROPRIATE PERMITS ARE GRANTED.
6. THE CONTRACTOR WILL PROVIDE WHAT EVER SAFETY EQUIPMENT AND DEVICES ARE NECESSARY TO PROTECT THE ADJACENT PROPERTIES, STRUCTURES AND OTHER AREAS SLATED TO REMAIN. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS TO REPAIR OR REPLACE ANY DAMAGE CAUSED BY HIS WORK. THIS WILL ALSO INCLUDE EROSION CONTROL, DUST CONTROL AND SETTLEMENT.
7. ALL AREAS SHALL BE BROUGHT BACK TO THEIR ORIGINAL GRADE OR THAT OF THE SURROUNDING AREA, WHICH EVER IS CLOSER TO THE FINAL GRADES OF THE PROJECT FOR THAT AREA. ALL AREAS REQUIRING FILL SHALL BE COMPACTED TO THE REQUIREMENTS OF THE AREA BUT IN NO CASE LESS THAN 90% OF MODIFIED PROCTOR (ASTM D 1557).

SITE CONCRETE:

1. THE DIMENSIONS SHALL BE THOSE SHOWN ON THE DRAWINGS. THE CONCRETE MIX SHALL BE 4000 PSI AT 28 DAYS MADE WITH TYPE I OR TYPE II CEMENT, PER ASTM C 150, AND AGGREGATES MEETING STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS. SLUMP FOR SLIP FORMING SHALL BE 1 INCH +/- ½ INCH AND FOR FORMED CONCRETE THE SLUMP SHALL BE 3 INCH +/- 1 INCH. AIR ENTRAINMENT MIXTURE SHALL MEET THE REQUIREMENTS OF ASTM C 260 4% +/- 1 ½% FOR SLIP FORM WORK AND 6% +/- 1 ½% FOR FORMED AND PLACED CONCRETE. WATER REDUCING AGENT SHALL CONFORM TO ASTM C 494, TYPE A. CURING COMPOUNDS SHALL CONFORM TO ASTM C309, TYPE I, CLASS A MOISTURE LOSS OF NOT MORE THAN .055 GR/SQ CM WHEN APPLIED AT 200 SQ FT PER GALLON.
2. SIDEWALKS, GUTTERS AND CURBS SHALL BE PLACED ON COMPACTED SUBBASE, CONSISTENT WITH THE PAVEMENT SUBBASE, AS SHOWN ON THE DRAWINGS. WHEN SUBBASE DETAILS ARE MISSING AND NO AGENCY HAS JURISDICTION USE THE FOLLOWING: SIDEWALKS AND GUTTERS SHALL BE PLACED ON A MINIMUM OF 6 INCHES OF COMPACTED SUBBASE AND CURBS SHALL BE PLACED ON A MINIMUM OF 4 INCHES OF COMPACTED SUBBASE.
3. ALL FORMING, PLACEMENT, MATERIALS AND CURING SHALL CONFORM TO THE LATEST ADDITION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND ALL SIMILAR STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS.
4. REINFORCING SHALL BE IN ACCORDANCE WITH THAT SPECIFIED ON THE DRAWINGS AND THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICES". REINFORCING STEEL SHALL BE ASTM A 615, GRADE 60, DEFORMED. WELDED WIRE FABRIC SHALL BE ASTM A 185, WELDED WIRE STEEL FABRIC.
5. SIDEWALKS AND GUTTERS SHALL HAVE A BROOM FINISH PERPENDICULAR TO FLOW WITH A PICTURE FRAME EDGE JOINT ALL THE WAY AROUND. CURBS SHALL HAVE A SMOOTH FINISH OR LIGHT RUB FINISH, BUT CONSISTENT THROUGH OUT THE PROJECT.
6. EXPANSION JOINTS SHALL BE PLACED EVERY 50 FEET AND AT ADJOINING STRUCTURES SUCH AS WALLS, MANHOLES AND VAULTS. EXPANSION JOINT MATERIAL SHALL BE PREMOLDED, ½ INCH MATERIAL WITH ½ INCH CAP IN ACCORDANCE WITH ASTM D1751. AFTER CONCRETE HAS SET, THE CAP SHOULD BE REMOVED AND VOID FILLED WITH WATERPROOF JOINT FILLER. CURB AND GUTTER SHALL BE CUT OR TOOL JOINTED TO 1/3 THE DEPTH EVERY 10 FEET. SIDEWALKS SHOULD HAVE TOOLED OR CUT JOINTS TO 1/3 THE DEPTH IN SQUARES OR AS CLOSE TO SQUARE AS POSSIBLE NOT EXCEEDING 5FT X5FT.

EARTHWORK:

1. PRIOR STARTING ANY CUTS OF FILLS THE CONTRACTOR SHALL STRIP AND STOCKPILE ALL TOPSOIL. STRIPPING OF TOPSOIL CAN ONLY COMMENCE AFTER THE CLEAR AND GRUB OPERATIONS ARE COMPLETE IN THAT AREA. TOPSOIL SHALL BE STOCKPILED IN AREAS DESIGNATED ON THE PLANS OR APPROVED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL REVIEW THE SOILS REPORTS, BORING LOGS AND WHEN NECESSARY HIS OWN FIELD VERIFICATION SO AS TO BE FAMILIAR WITH THE DEPTH OF TOPSOIL. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT OVER AND UNDER REMOVAL.
2. UNLESS OTHERWISE NOTED, THE GRADES SHOWN ON THE PLANS ARE FINISHED GRADES. THEREFORE, PAVEMENT, FLOORS, SUBBASE AND OTHER IMPROVEMENTS MUST BE SUBTRACTED TO CALCULATE SUBGRADE ELEVATIONS.
3. THE CONTRACTOR SHALL MAINTAIN A SURVEY GRID OF NOT LESS THAN 100' X 100' OR OTHER MEANS ACCEPTABLE TO THE OWNER'S REPRESENTATIVE THAT WILL INDICATE LOCATION AND AMOUNT OF CUT OR FILLS REMAINING. AT SUBGRADE THIS GRID SHALL BE 50' X 50' WITH LOCATION AND FINAL GRADE MARKED CLEARLY OR SURVEY SHALL BE COMPLETED DEMONSTRATING THAT THE SUBGRADE IS +/- 0.1 FEET OF REQUIRED SUBGRADE.
4. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL RETAIN AND PAY ALL COST FOR SOIL COMPACTION TESTING TO BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY. FOR EACH LIFT PLACED, COMPACTION TESTING SHALL BE DONE EVERY 2000 SQ. FT. IN TRENCHES, COMPACTION TESTING SHALL BE DONE EVERY OTHER LIFT WITH AT LEAST 1 TEST EVERY 100 LF.
5. COMPACTION REQUIREMENTS SHALL BE THOSE OUTLINED IN THE SOILS REPORT. IF THE SOILS REPORT IS NOT CLEAR OR DOES NOT GIVE REQUIREMENTS THE FOLLOWING WILL BE USED. UNDER AND TO 20 FEET OUTSIDE THE BUILDING ENVELOPE THE SOILS SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY PER ASTM D1557 (MODIFIED PROCTOR). UNDER PROPOSED OR FUTURE PAVEMENT AREAS, INCLUDING 10 FEET OUTSIDE SUCH AREAS, THE SOIL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY PER ASTM D 1557 (MODIFIED PROCTOR). ALL LANDSCAPE AND LAWN AREAS SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY PER ASTM D 1557 (MODIFIED PROCTOR). THE TESTING LAB SHALL TEST SOILS IN ACCORDANCE WITH ASTM D2922 (NUCLEAR METHOD) WITH PROCTORS FOR EACH SOIL TYPE.
6. UNLESS OTHERWISE NOTED IN THE SOILS REPORT OR ON THE DRAWINGS, THE ON SITE MATERIAL SHALL BE USED TO MAKE FILLS. ALL MATERIAL TO BE USED FOR FILL SHALL BE FREE OF ORGANICS, FROZEN MATERIAL, CONTAMINATED MATERIAL, DEBRIS AND ANY ROCKS LARGER THAN 4 INCHES. FOR FILL PLACEMENT WITHIN 1 FOOT OF SUBGRADE, NO ROCK SHALL BE GREATER THAN 2 INCHES IN DIAMETER. THE CONTRACTOR SHALL BEAR ALL COST ASSOCIATED WITH DRYING, SEGREGATING OR REQUIRED METHODS TO TREAT SOILS TO MEET COMPACTION AND OTHER REQUIREMENTS.
7. FILLS SHALL BE PLACED IN LIFTS NOT TO EXCEED 1 FOOT IN MASS FILLS AND 8 INCHES IN TRENCH OR RESTRICTED AREAS.
8. IF IMPORTED MATERIAL IS REQUIRED, THE SOURCE AND A RANDOM COMPOSITE SAMPLE SHALL BE REVIEWED BY THE TESTING LABORATORY PRIOR TO BEING BROUGHT TO SITE. THE TESTING LABORATORY SHALL TEST FOR PERCENT PASSING THE 200 SIEVE THAT DOES NOT EXCEED THE EXISTING ON SITE MATERIAL OR IN NO CASE GREATER THAN 35%. THEY SHALL ALSO VERIFY CONSISTENCY WITH EXISTING ON SITE MATERIALS AND ALL OTHER REQUIREMENTS. WAIVERS TO THESE REQUIREMENTS CAN ONLY BE GIVEN JOINTLY BY THE TOWN OF PENDLETON AND THE GEOTECHNICAL ENGINEER THAT PREPARED THE SOILS REPORT.
9. THE TESTING LAB MAY RESTRICT SOME ON SITE MATERIALS FROM BEING USED AS FILL IN BUILDING OR PAVEMENT AREAS WHEN IT IS THEIR OPINION THAT THE MATERIAL WILL NOT MEET REQUIREMENTS STATED HERE. IF SUCH CONDITIONS DO EXIST AND OTHER MATERIAL IS NOT AVAILABLE ON SITE, THE OWNER'S REPRESENTATIVE MUST AUTHORIZE IN WRITING THE USE OF IMPORT MATERIAL UNLESS THERE WILL BE NO ADDITION COST TO THE CONTRACT.
10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EARTHWORK OPERATIONS FROM WEATHER AND GROUND WATER INCLUDING KEEPING POSITIVE DRAINAGE, DIVERT DRAINAGE, DEWATERING AND SEALING DISTURBED AREAS WITH A STEEL DRUM ROLLER PRIOR TO INCLEMENT WEATHER.
11. PRIOR PLACEMENT OF FILLS, IN AREAS WHERE THE FINAL FILL DEPTH WILL BE LESS THAN 4 FEET, THE AREA SHALL BE PROOF ROLLED WITH A 10 TON ROLLER OR A LOADED 10 WHEEL DUMP TRUCK. SOFT AREAS SHALL BE SCARIFIED, DRIED AND RE-COMPACTED PRIOR TO FILL BEING PLACED. RETEST BY PROOF ROLL AS NECESSARY.
12. ALL FINAL SUBGRADE UNDER PROPOSED PAVEMENT, BUILDING OR OTHER STRUCTURE SHALL BE PROOF ROLLED AS DESCRIBED ABOVE FOR THE IDENTIFYING OF SOFT AREAS. AREAS FOUND TO BE UNACCEPTABLE SHALL BE SCARIFIED, DRIED AND RECOMPACTED. RETEST BY PROOF ROLL AS NECESSARY.
13. TRENCH EXCAVATION REQUIRING SHEETING, SHORING OR OTHER STABILIZING DEVICES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER AND MEET ALL O.S.H.A. REQUIREMENTS. ALL EXCAVATIONS SHALL MAINTAIN SAFE SIDE SLOPES IN ACCORDANCE WITH LOCAL, STATE AND O. S. H. A. REQUIREMENTS. NO STOCKING OF MATERIAL CLOSE TO AN OPEN CUT OR STEEP SLOPE WILL BE PERMITTED IN AN EFFORT TO PREVENT CAVE-INS.
14. TRENCH EXCAVATIONS SHALL BE MADE UNIFORM AND STRAIGHT TO THE FOLLOWING WIDTHS: (FOR PIPES 36 INCHES OR LESS THE TRENCH WIDTH SHALL BE THE DIAMETER PLUS 2 FEET), (FOR PIPES 36 INCHES OR GREATER THE WIDTH SHALL BE THE DIAMETER PLUS 3 FEET). ADDITIONAL WIDTH WILL ONLY BE ALLOWED WHEN COMPACTION EQUIPMENT LIMITATIONS REQUIRE AND ONLY AFTER APPROVAL OF THE ENGINEER OF RECORD. NO MORE TRENCH SHALL BE OPEN IN ONE DAY THAN CAN BE PROPERLY BACKFILLED IN THAT SAME DAY TO MINIMIZE WEATHER AND SAFETY CONCERNS. WHEN BACKFILLING AROUND PIPES PROVIDE UNIFORM SUPPORT AT INVERT AND PROPER COMPACTION UNDER, ALONG AND OVER THE PIPE. CARE SHALL BE GIVEN WHILE BACKFILLING AROUND PIPES TO PREVENT DAMAGE TO THE PIPES INCLUDING: PLACING BACKFILL/BEDDING BY HAND, USING HAND OPERATED PLATE TAMPS OR JUMPING JACKS, AND OTHER LOAD RESTRICTIVE TECHNIQUES UNTIL FILLS ARE A MINIMUM OF 2 FEET OR MANUFACTURES RECOMMEND DEPTH, WHICH EVER IS GREATER, ABOVE THE TOP OF THE PIPE. COMPACTION REQUIREMENTS ARE NOT RELIEVED IN THESE AREAS AND WILL REMAIN AS STATED ON THE DRAWINGS OR ABOVE. IF CLEAN STONE IS USED AS A BEDDING OR ENCASEMENT FILTER FABRIC SHALL BE PLACED BETWEEN THE NATURAL SOILS AND BACKFILL AND THE STONE TO PREVENT MIGRATION OF FINES.
15. IF ROCK IS ENCOUNTERED THAT WAS NOT INDICATED ON THE PLANS OR SOILS REPORT, THE AREA FOR REMOVAL SHOULD BE MEASURED AND REVIEWED WITH THE OWNER'S REPRESENTATIVE PRIOR TO ROCK REMOVAL. ROCK WILL BE DEFINED AS THE NATURAL EARTH MATERIALS THAT CAN NOT BE REMOVED WITH CONVENTIONAL EARTH WORKING EQUIPMENT.
16. WHERE ROCK IS ADJACENT TO A STRUCTURE OR UTILITY, THE ROCK SHALL BE REMOVED TO A MINIMUM OF 6 INCHES BELOW AND 1 TIMES THE DIAMETER, BUT NOT LESS THAN 1 FOOT OR GREATER THAN 3 FEET ON ANY SIDE.
17. NO EXPLOSIVES WILL BE ALLOWED UNTIL ALL PERMITS ARE GRANTED AND THE OWNER HAS SIGNED OFF. PRE AND POST BLAST REPORTS MUST BE KEPT AND RECORDED. ALL STRUCTURES WITHIN THE AREA OF THE BLAST MUST RECEIVE A PRE- BLAST SURVEY. ALL BLASTING MUST BE PERFORMED BY A LICENSED BLASTER.
18. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE CONTRACTOR SHALL REMOVE ALL EXCESS TOPSOIL, CUT MATERIAL OR WASTE MATERIAL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.

SEEDING AND LANDSCAPING:

1. TOPSOIL SHALL BE REMOVED FROM STOCKPILES AND SPREAD IN THE AREAS SHOWN ON THE PLANS. THE DEPTH OF TOPSOIL SHALL BE AS SHOWN ON THE PLANS. IF THE DEPTH OF TOPSOIL IS NOT GIVEN THE FOLLOWING SHALL BE USED: "A MINIMUM OF 4 INCHES IN LAWN AREAS" AND "A MINIMUM OF 12 INCHES IN LANDSCAPE PLANTING AREAS".
2. AFTER THE TOPSOIL IS IN PLACE IT SHALL BE FINE GRADED REMOVING ALL ROOTS, STICKS, STONES AND DEBRIS GREATER THAN 2 INCHES IN ANY DIMENSION. THE TOPSOIL SHALL BE FINE GRADED TO THE LINES AND GRADES SHOWN ON THE PLANS.
3. THE TOPSOIL SOIL SHALL HAVE A PH OF 5.5 TO 7.6 AND AN ORGANIC CONTENT OF 3 TO 20%. THE GRADATION OF THE TOPSOIL SHALL BE 100% PASSING 2 INCH SIEVE, 85 TO 100% PASSING THE 1 INCH SIEVE, 65 TO 100% PASSING THE ¼ INCH SIEVE AND 20 TO 80% PASSING THE NO. 200 SIEVE.
4. LIME OF TYPE RECOMMENDED FOR SOIL CONDITIONING SHALL BE USED TO TREAT ACIDIC SOILS.
5. LAWN FERTILIZER SHALL BE 55% NITROGEN, 10% PHOSPHORUS AND 10% POTASH WHERE 50% OF THE NITROGEN IS DERIVED FROM UREAFORM SOURCE.
6. LAWN SEED (WHEN NOT GIVEN ON THE PLANS) SHALL BE "50% BY WEIGHT, 85% PURITY, 85% GERMINATION OF PENNFINE PERENNIAL RYE"; "30% BY WEIGHT, 97% PURITY, 85% GERMINATION OF PENNLAWN RED FESCUE"; "20% BY WEIGHT, 85% PURITY, 80% GERMINATION OF COMMON KENTUCKY BLUEGRASS".
7. WHEN PLACING BY HYDROSEEDING APPLICATION FERTILIZER SHALL BE PLACED AT 80 POUNDS PER ACRE, HYDROMULCH AT 1,200 POUNDS PER ACRE, WATER AT 500 GALLONS PER ACRE AND SEED AT A MINIMUM OF 220 POUNDS PER ACRE. ALL OVER SPRAY AREAS SHALL BE PROPERLY CLEANED AND RESTORED AT NO EXPENSE TO THE CONTRACT.
8. IF PLACING BY MECHANICAL MEANS, FERTILIZER SHALL BE PLACED AT 25 POUNDS PER 1,000 SQUARE FEET, SEED AT 5 POUNDS PER 1,000 SQUARE FEET, AND STRAW MULCH AT 2 TONS PER ACRE. PLACE FERTILIZER AND SEED, THEN LIGHTLY RAKE AND THE ROLL WITH 200 POUND ROLLER. MULCH THE AREA AND THEN WATER. STRAW MAY NEED TO BE SECURED TO PREVENT IT BLOWING AWAY.
9. WATER LAWN AREAS AS NEEDED TO PROMOTE GROWTH. THE CONTRACTOR WILL BE RESPONSIBLE TO WATER, RESEED OR WORK WHEN NECESSARY TO INSURE THE GROWTH OF THE LAWN UNTIL A COMPLETE AND UNIFORM STAND OF GRASS HAS GROWN AND BEEN CUT AT LEAST TWICE.
10. UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL AREAS NOT RECEIVING STRUCTURES, PAVEMENT, RIP RAP, LANDSCAPING OR OTHER IMPROVEMENTS OR FUTURE IMPROVEMENTS SHALL BE CONSIDERED LAWN AREAS AND RECEIVE TOPSOIL AND SEEDING PER DRAWINGS AND ABOVE STATED REQUIREMENTS.
11. PLANTINGS SHALL BE SUPPLIED IN ACCORDANCE WITH THE PLANS AND ANSI 260.1 "AMERICAN STANDARD FOR NURSERY STOCK" IN GOOD HEALTH, VIGOROUS, AND FREE OF INSECTS, LARVAE, EGGS, DEFECTS AND DISEASE.
12. PLANTING BEDS SHALL BE PREPARED BY LOOSENING THE TOP 1 FOOT OF TOPSOIL. PLANTS SHALL BE LOCATED PER THE PLANS. THE HOLES SHALL BE EXCAVATED (PER THE DETAILS ON THE DRAWINGS) WITH THE CENTER SLIGHTLY HIGHER TO PROMOTE DRAINAGE. USE A TOPSOIL BACKFILL MIX OF 4 PARTS TOPSOIL, 1 PART PEAT MOSS, 1/2 PART WELL ROTTED MANURE, AND 10 POUNDS 5-10-5 PLANTING FERTILIZER AND PROPERLY MIXED PER CUBIC YARD. BERM AROUND PLANTS TO FORM A BOWL SHAPE.
13. WEED BARRIER MADE FROM FIBERGLASS AND ULTRA-VIOLET LIGHT RESISTANT SHALL BE PLACE UNDER ALL PLANTING BEDS PRIOR MULCHING.
14. ALL TREES AND SHRUBS SHALL BE STAKED AS DETAILED ON THE DRAWINGS. TREE WRAPPING WILL BE PROVIDED AT THE BASE OF ALL TREES AS DETAILED.
15. MULCH SHALL BE 50% SHREDDED BARK AND 50% WOOD CHIPS, ¾ TO 2 INCH IN SIZE, UNIFORMLY MIXED AND FREE OF ELM WOOD. MULCH SHALL BE PLACED UNIFORMLY OVER THE PLANTING BED ALLOWING NO WEED BARRIER TO BE SEEN.
16. ALL LANDSCAPING SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE. ANY PLANTINGS IN NEED OF REPLACEMENT WILL BE GUARANTEED FROM THE TIME OF REPLACEMENT IF AFTER FINAL ACCEPTANCE.

TRAFFIC SIGNAGE AND STRIPING:

1. PAVEMENT MARKINGS SHALL BE THE TYPE, COLOR, SIZE AND LOCATIONS SHOWN ON THE PLANS. IF THE INFORMATION ON THE PLANS IS NOT COMPLETE AND AUTHORITY HAVING JURISDICTION DOES NOT HAVE REQUIREMENTS REGARDING THIS USE THE FOLLOWING. PAINT SHALL BE SUPPLIED IN ACCORDANCE WITH AASHTO: M 248 LATEST ADDITION. COLORS SHALL BE AS FOLLOWS (WHITE - PARKING STALLS, HANDICAP PARKING AND CHARACTERS, PARKING ISLANDS, TRAFFIC CONTROL LETTERING AND CHARACTERS AND FIRE LANES) (WHITE - STOP BARS, PEDESTRIAN CROSSINGS AND STOP LETTERING).
2. THE PAVEMENT SHALL BE CLEAN AND FREE OF DIRT, DUST, MOISTURE, OILS AND OTHER FOREIGN MATERIALS. ANY OLD PAVEMENT MARKINGS SHALL BE REMOVED UNLESS PAINTS ARE COMPATIBLE AND OVERLAY IDENTICALLY. THE SURFACE OF THE PAVEMENT PRIOR APPLICATION SHALL BE 45 DEGREES F AND RISING UNLESS MANUFACTURE'S RECOMMENDATIONS ARE GREATER.
3. THE SIGNAGE SHALL BE THE TYPE AND LOCATED PER THE DRAWINGS. THE SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH THE LOCAL HIGHWAY, COUNTY HIGHWAY AND STATE DEPARTMENT OF TRANSPORTATION. IF LOCAL, COUNTY OR STATE CODES DO NOT EXIST USE AASHTO: M268.
4. POSTS, BRACKETS AND FRAMES SHALL BE STEEL PER ASTM A-36, A-242, A-441, A-572, A588, GRADE 50 AND HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. ALL CUTTING, DRILLING OR OTHER POLE MODIFICATIONS SHALL BE PAINTED WITH GALVANIZING PAINT. ALL BOLTS, NUTS AND WASHERS SHALL BE STAINLESS STEEL.
5. POST HOLES SHALL BE A MINIMUM OF FOUR FEET DEEP AND 12 INCHES IN DIAMETER UNLESS POOR SOILS OR FROST CONDITIONS REQUIRE GREATER DEPTH. SIGN POSTS SHALL BE KEPT PLUMB, 6 INCHES OFF BOTTOM AND CENTERED AS 3000 PSI CONCRETE IS PLACED AROUND THE POST. THE OVERALL SIGN AND POST SYSTEM SHOULD BE ABLE TO WITHSTAND 33 POUNDS PER SQUARE FOOT.
6. CONTRACTORS CAN PLACE SIGNS ON POSTS AFTER CONCRETE HAS CURED FOR SEVEN DAYS OR ¾ STRENGTH IS ACHIEVED.
7. ALL HANDICAP STRIPING AND SIGNAGE SHALL MEET THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. FIRE LANE STRIPING AND SIGNAGE SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING INSPECTOR AND FIRE DEPARTMENT.

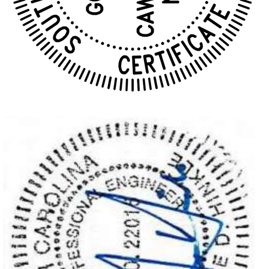
STORM WATER SYSTEM:

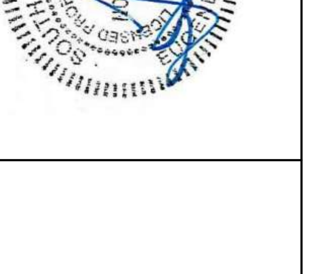
1. THE STORM WATER SYSTEM SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. THE LOCAL STORM WATER AUTHORITY FOR THIS PROJECT IS THE TOWN OF PENDLETON AND THE EROSION CONTROL AND RUN-OFF AUTHORITY IS SCDHEC.
2. STORM DESIGN INCLUDES MANY VARIABLES, SUCH AS PIPE ROUGHNESS COEFFICIENT, THAT CAN AFFECT THE ACTUAL FINAL RUN-OFF. IF NO ALTERNATIVE MATERIALS ARE LISTED ON THE UTILITY DRAWINGS NO SUBSTITUTIONS MAY BE MADE BY THE CONTRACTOR UNLESS FIRST REVIEWED AND ACCEPTED BY THE ENGINEER.
3. ALL STORM MATERIAL SIZES, TYPES AND SPECIFICS ARE LISTED ON THE DRAWINGS. IF THE PLANS DO NOT LIST ALL INFORMATION OR ARE UNCLEAR USE THE FOLLOWING.
4. WHENEVER CLEAN STONE IS USED FOR BEDDING, BACKFILL OR ENCASEMENT FILTER FABRIC SHALL BE PLACED BETWEEN THE NATURAL AND BACKFILL SOILS TO PREVENT MIGRATION OF FINES INTO THE VOIDS, AS NECESSARY. ANTI-SEEP COLLARS SHALL ALSO BE INCORPORATED AT THE PROJECT LIMIT AND ALONG THE PIPE TO PREVENT WATER FLOW WITHIN THE STONE BEDDING OR ENCASEMENT. ANTI-SEEP COLLARS MAY NOT BE REQUIRED WHEN USING PERFORATED PIPE. ANTI-SEEP COLLARS SHALL BE INCORPORATED AT POND AND BASIN OUTLETS TO PREVENT WATER MIGRATION ALONG PIPE BEDDING OR ENCASEMENT MATERIAL.
5. STORM PIPE 12 INCHES AND UP SHALL BE REINFORCED CONCRETE PIPE (RCP) WITH SMOOTH INTERIOR, IN ACCORDANCE WITH AASHTO M252 & M294 AND ASTM F405 & F667, WITH A MANNING FRICTION NUMBER (N) OF 0.012 OR LESS. UNLESS SOILS ARE CONSISTENTLY SAND OR SAND AND GRAVEL WITH NOT MORE THAN 15% OR LESS THAN 5% PASSING THE 200 SIEVE AND 100% PASSING THE 2 INCH SIEVE THE PIPE WILL BE ENCASED IN A UNIFORM GRAVEL WITH NOT MORE THAN 15% OR LESS THAN 5% PASSING THE 200 SIEVE AND 100% PASSING THE 2 INCH SIEVE FROM SIX INCHES BELOW TO SIX INCHES ABOVE THE OUTSIDE OF PIPE. INSTALL IN ACCORDANCE WITH ASTM F449 AND THE MANUFACTURES RECOMMENDATIONS.
6. STORM PIPE BELOW 12 INCHES SHALL BE POLYVINYL CHLORIDE (PVC) PER ASTM D 3034, SDR 35 WITH GASKETS PER ASTM D 3212, ELASTOMERIC SEAL. THE PIPE SHALL BE BED 6 INCHES BELOW AND UP HALF ITS DIAMETER WITH A UNIFORM MIX OF GRAVEL OR CRUSH STONE 100% PASSING THE 1.5" SIEVE AND 10% TO 3% PASSING THE 200 SIEVE. THE MIX SHALL BE SUPPLEMENTED AS NEEDED TO REMOVE VOIDS. INCORPORATE FILTER FABRIC AROUND BEDDING OR CRADLE STONE IF GROUND WATER, SILTS, OR SANDS ARE ENCOUNTERED.
7. END SECTIONS SHALL BE THE SAME MATERIAL AS THE PRECEDING PIPE AND APPROPRIATE COLLAR.
8. MANHOLES SHALL BE PROVIDED PER ASTM C 478 WITH STEEL CORE POLYETHYLENE STEPS. THE MANHOLE SHALL BE SIZED TO A MINIMUM OF 2 FOOT GREATER THAN THE LARGEST DIAMETER PIPE ENTERING OR EXISTING. INCREASE SIZE OF MANHOLE IF IN THE SAME HORIZONTAL PLANE THERE IS TWO AREAS WHERE THE AREA BETWEEN TWO PIPES IS LESS THAN 8 INCHES OR HALVE OR THE CIRCUMFERENCE IS SUPPORTED BY LESS THAN 1/2 OF THE DIAMETER OF THE MANHOLE. INVERTS SHALL BE SMOOTH CAST IN PLACE CONCRETE. UNLESS OTHERWISE INDICATED, 4 INCH WEEPS COVER WITH FILTER FABRIC AND 2 INCH STONE SHALL BE PROVIDED AT THE CROWN OF PIPES AND AT SUBGRADE ELEVATION. GASKETS BETWEEN RISERS SHALL BE RUBBER PER ASTM C 443. ADJUSTMENT RINGS SHALL BE PRECAST CONCRETE 4000 PSI AND 5 TO 8% AIR ENTRAINMENT.
9. INLETS SHALL MEET THE SAME REQUIREMENTS AS THOSE LISTED FOR MANHOLES.
10. GRATES SHALL BE RETICULINE AND GALVANIZED PER ASTM A123. MINIMUM GRATE OPENING SIZE WILL BE 24 INCHES X 24 INCHES AND DESIGN FOR A MINIMUM OF H-20 LOADING.
11. MANHOLE FRAMES AND COVERS SHALL BE PER ASTM A 48, CLASS 30B, FULLY COATED WITH THE LETTERING "STORM" CAST INTO IT. THE MINIMUM SIZE WILL BE A 24 INCH INSIDE OPENING AND DESIGN FOR A MINIMUM OF H-20 LOADING.
12. CLEANOUTS SHALL BE MADE OF THE SAME PIPE MATERIAL AS THE CARRIER PIPE. A CAST IRON FRAME AND COVER SHALL BE PROVIDED FOR ACCESS AT GRADE AND DESIGNED FOR H-20 LOADING. THE CLEANOUT SHALL BE ENCASED IN STONE OF THE SAME TYPE AS THE PIPE BEDDING FOR THE FULL DEPTH OF THE CLEANOUT
13. RIP RAP SHALL BE PLACED AT THE END OF ALL OUTFALL STRUCTURES. UNLESS OTHERWISE NOTED, THE RIP RAP SHALL BE A CLEAN DURABLE STONE WITH AVERAGE WEIGHTS OF 100 POUNDS. THE RIP RAP SHALL BE PLACED ON 1 FOOT OF GRAVEL SUBBASE OR STABILIZING FABRIC.
14. DRY WELLS SHALL MEET THE SAME REQUIREMENTS AS THOSE LISTED FOR MANHOLES WITH THE ADDITION OF OPENINGS OF APPROXIMATELY 15% OF THE RINGS INTERIOR SURFACE. THE OPENINGS SHALL BE 1 X 3 INCH SLOTS OR 1 INCH DIAMETER ON THE INSIDE SURFACE. DRY WELLS SHALL BE BACKFILLED WITH A MINIMUM OF 1 FOOT OF CLEAN STONE SIZED BETWEEN 3 AND 4 INCHES. OUTSIDE THE STONE THE ENTIRE STRUCTURE SHALL BE WRAPPED IN FILTER FABRIC TO PREVENT OUTSIDE SOILS FROM ENTERING THE STONE AND DRY WELL.
15. UNLESS OTHERWISE NOTED, TRENCH DRAINS SHALL BE MADE WITH 4 INCH PERFORATED CORRUGATED POLYETHYLENE PIPE ENCASED IN CLEAN STONE SIZED BETWEEN 2 INCH AND ¼ INCH AND THEN WRAPPED IN FILTER FABRIC. OUTSIDE DIMENSIONS OF THE TRENCH DRAIN WILL NOT BE LESS THAN 1 FOOT.
16. ALL JOINTS BETWEEN PIPES AND PRECAST STRUCTURES SHALL BE MORTARED TIGHT.
17. ALL PIPE SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATION AND TO THE LINES AND GRADES SHOWN ON THE DRAWINGS. CARE SHALL BE GIVEN DURING BACKFILL OPERATIONS NOT TO MOVE OR DAMAGE PIPE OR APPURTENANCES WHILE ACHIEVING THE APPROPRIATE COMPACTION REQUIREMENTS.
18. ALL SYSTEMS SHALL BE VISUALLY INSPECTED FOR ALIGNMENT AND WORKMANSHIP. ALL DEBRIS, DIRT OR OTHER FOREIGN OBJECTS SHALL BE REMOVED AND THE SYSTEM FLUSHED CLEAN.
19. ANY PIPES FOUND WITH DIAMETER DEFLECTIONS GREATER THAN 5% OF THE SPECIFIED PIPE DIAMETER WILL BE REPAIRED OR REPLACED. ANY ALIGNMENT DIFFERENTIALS GREATER THAN 5% OF THE DIAMETER OF THE PIPE WILL BE CORRECTED OR REPLACED.
20. ANY CLEANING, REPAIRS OR REPLACEMENT REQUIRED, DUE TO FAILURE OF TESTING OR POOR WORKMANSHIP, SHALL BE DONE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CONTRACT.

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW





GENERAL NOTES

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-0.1

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Notes.dwg
PLOTTED: Jan 30, 2025 - 10:41pm

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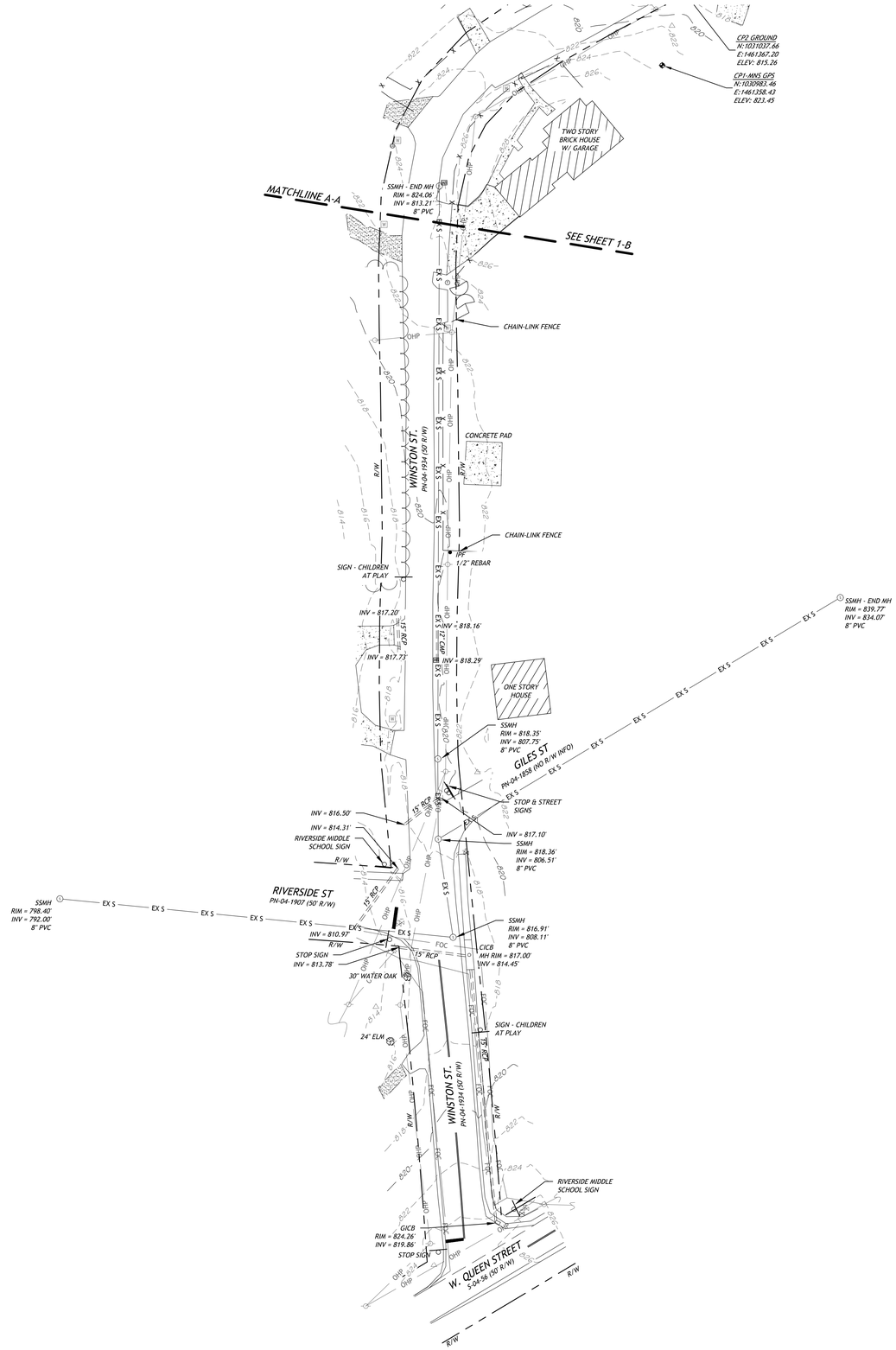

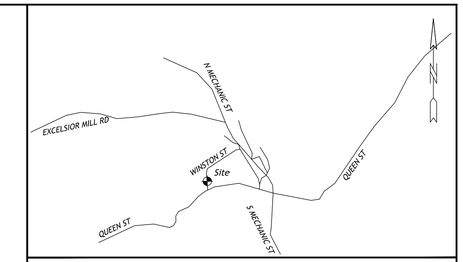

Location Map - No Scale

Site Notes:

1. The property hereon lies in Flood Zone "AE", No Shading-Areas determined to be outside the 0.2% annual chance flood, according to NFIP, FIRM Map-Community Panel Number 45007C0091F, Effective date : 12-21-2107.

2. The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

3. Benchmark Basis:State Plane Coordinates Were Based on SCVRS-South Carolina Virtual Reference System-Real Time Network.Datum NAD 83 (2011). NAVD 88 All Distances are Horizontal Ground Distances.

4. Topographic field data was collected on 8-24-23 and prepared by:

   Ridgewater Engineering and Surveying, LLC
   PO Box 806
   Anderson, SC 29622
   864-226-0980

LEGEND

- Iron Pin, Old, Found (IPF)
- Iron Pin, New, Placed (IPS)
- New MN (Mag Nail New)
  PKO (Old PK Nail)
  NBC (Old Nail & Bottle Cap)
- Computed Point
- Contours (100, 98)
- Water Line (EX W)
- Fire Hydrant
- Water Valve
- Water Meter
- Irrigation Control Valve
- Sewer Line (gravity) (EX S)
- Sanitary Manhole
- Clean-out
- Sewer Forcemain (FM)
- Storm Pipe
- Storm Catch Basin
- Storm Junction Box
- Gas Line (G)
- Gas Valve
- Gas Meter
- Over Head Power (OHP)
- Under Ground Power (UGP)
- Utility Pole
- Guy Wire
- Power Meter/transformer
- Air Conditioner Unit
- Light Pole
- Telephone Line (T)
- Telephone Pedestal
- Fiberoptic Marker
- Tree
- Treeline
- Fenceline (X)
- Property Line
- Adjacent Property Line

RIDGEWATER
ENGINEERING & SURVEYING

PO BOX 806
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(864) 226-0980
RIDGEWATERENG.COM

SOUTH CAROLINA
RIDGEWATER ENGINEERING & SURVEYING
No. 5816
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S.C.S.P.C. (NAD 83 (2011) (NAVD 88 (2011)) HORIZ GRID

SCALE: 1 in = 40ft.

N. MECHANIC ST & WINSTON ST

CITY OF PENDLETON
ANDERSON COUNTY
SOUTH CAROLINA

SURVEYED AT THE REQUEST OF:
GOODWIN MILLS CAWOOD

DRAWN BY: BAM
CHECKED: JT
JOB NUMBER: 23167

REV #	DATE	COMMENT
0	8-29-23	RELEASE TO CLIENT

SHEET

Existing Conditions

C - 1A

CALL 811 BEFORE YOU DIG
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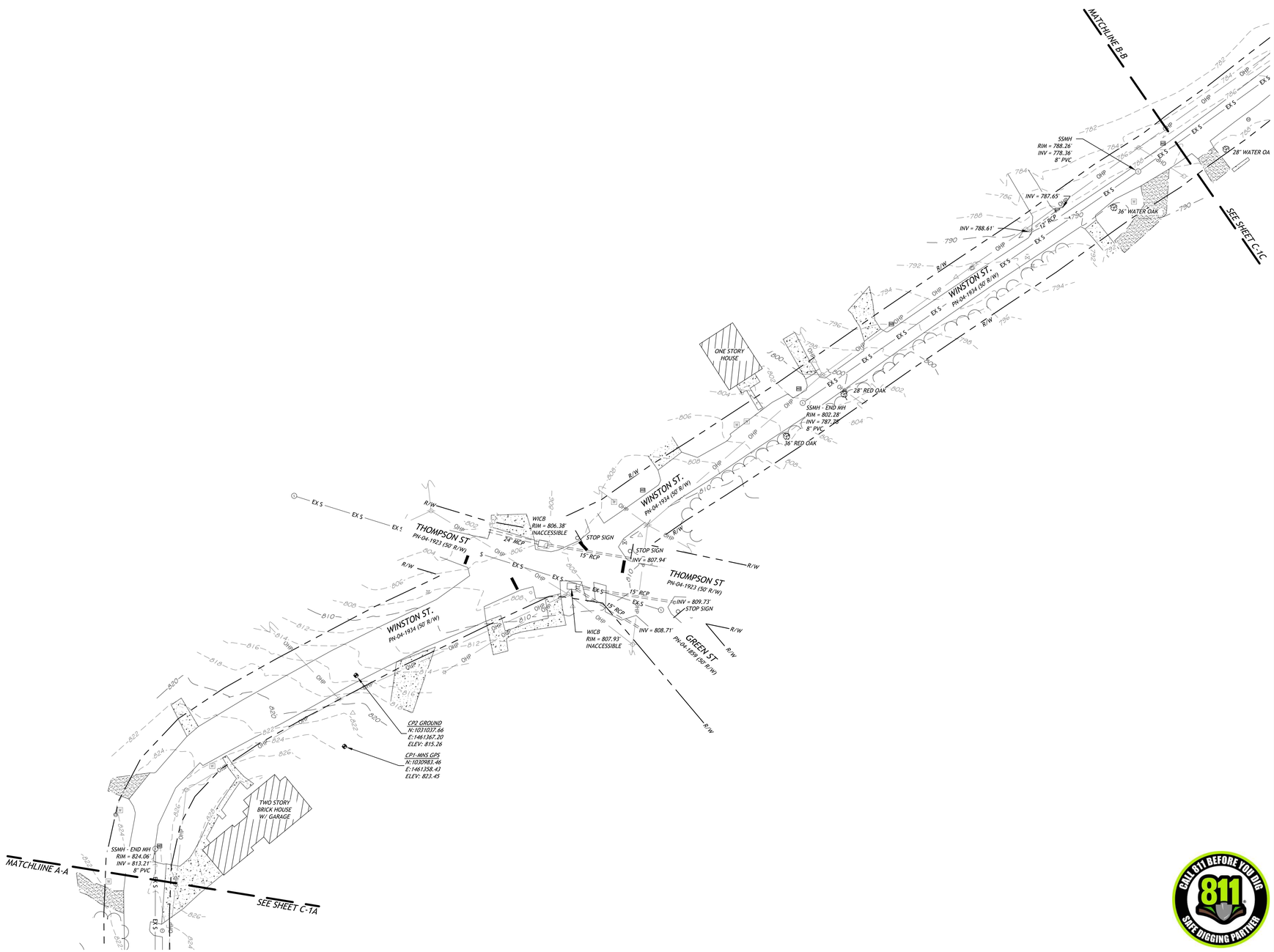
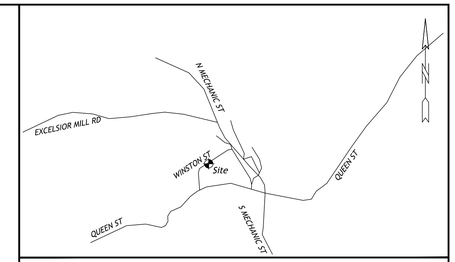
SAFE DIGGING PARTNER





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NAVD 88 (2011)
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CITY OF PENDLETON
ANDERSON COUNTY
SOUTH CAROLINA

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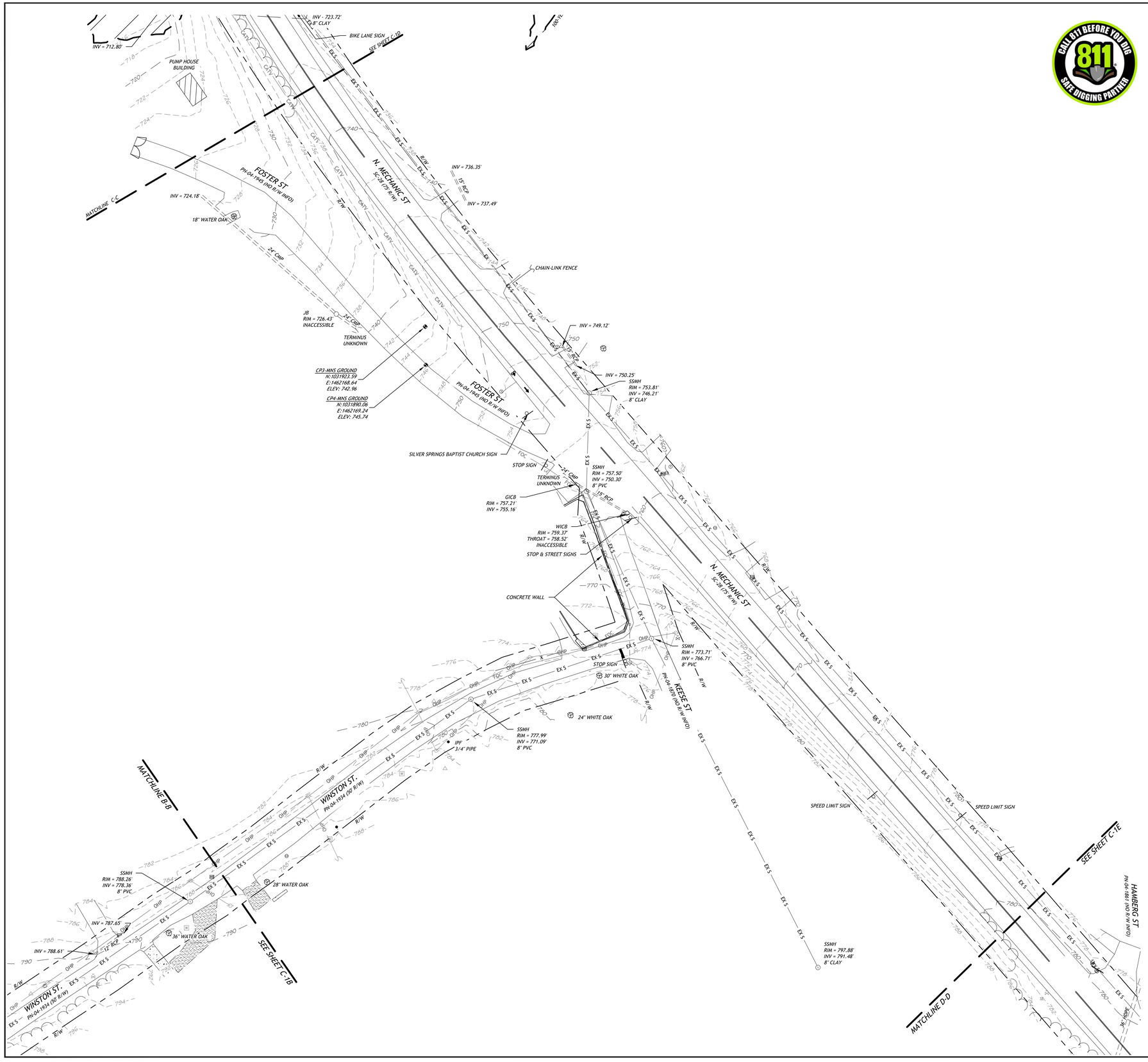

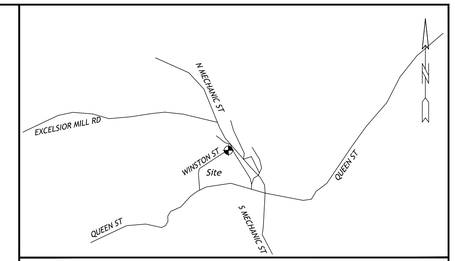

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- Fire Hydrant
- Water Valve
- Water Meter (W)
- Irrigation Control Valve
- Sewer Line (gravity) (EX S)
- Sanitary Manhole (S)
- Clean-out
- Sewer Forcemain (FM)
- Storm Pipe
- Storm Catch Basin
- Storm Junction Box
- Gas Line (G)
- Gas Valve (GV)
- Gas Meter (GM)
- Over Head Power (OHP)
- Under Ground Power (UGP)
- Utility Pole
- Guy Wire
- Power Meter/transformer (E)
- Air Conditioner Unit (AC)
- Light Pole
- Telephone Line (T)
- Telephone Pedestal (T)
- Fiberoptic Marker (A)
- Tree
- Treeline
- Fenceline (X)
- Property Line
- Adjacent Property Line

RIDGEWATER
ENGINEERING & SURVEYING

PO BOX 806
ANDERSON, SC 29622
(864) 226-0980
RIDGEWATERENG.COM

SOUTH CAROLINA
RIDGEWATER ENGINEERING & SURVEYING
No. 5816
CERTIFICATE OF AUTHORIZATION

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S.C.S.P.C. (NAD 83 (2011) NAVD 88 (GEOID 12B)
GRID NORTH

40 0 20 40
SCALE: 1 in = 40ft.

N. MECHANIC ST & WINSTON ST

CITY OF PENDLETON
ANDERSON COUNTY
SOUTH CAROLINA

SURVEYED AT THE REQUEST OF:
GOODWIN MILLS CAWOOD

DRAWN BY: BAM
CHECKED: JT
JOB NUMBER: 23167

REV #	DATE	COMMENT
0	8-29-23	RELEASE TO CLIENT

SHEET

Existing Conditions

C - 1C

EROSION CONTROL STANDARD NOTES

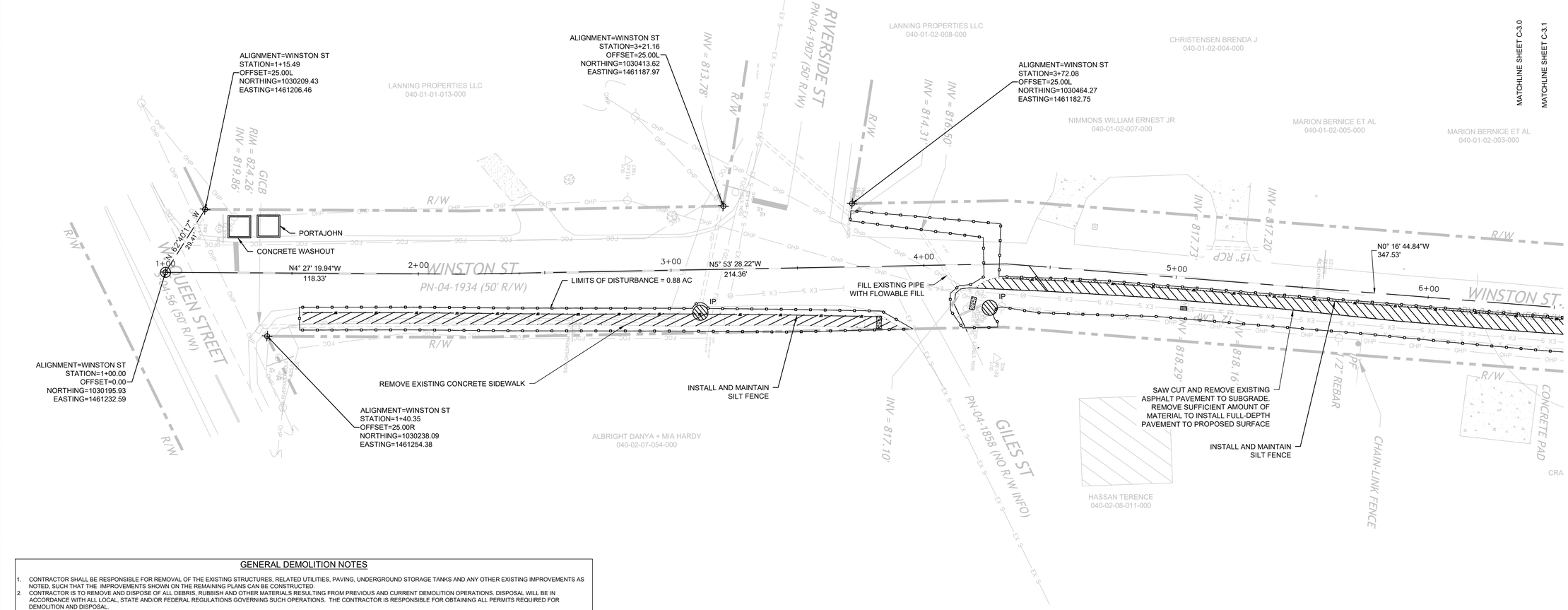
1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BM HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED.
   - REMOVE DEPOSITED SEDIMENT FROM SEDIMENT TRAPS OR SEDIMENTATION WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR THE SEDIMENT HAS REACHED THE CLEAN OUT POINT ON THE CLEANOUT STAKE (WHICHEVER OCCURS FIRST).
   - REMOVE DEPOSITED SEDIMENT COLLECTED BY SEDIMENT CONTROL MEASURE (SILT FENCE, CHECK DAMS, SEDIMENT TUBES, ETC.) WHEN THE DEPOSITED SEDIMENT REACHES ½ THE HEIGHT OF THE ABOVE-GROUND PORTION OF THESE BMP'S, OR BEFORE IT REACHES A LOWER HEIGHT
   - ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK WITH NO MORE THAN 9 CALENDAR DAYS IN BETWEEN INSPECTIONS AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
19. CONTRACTOR MUST FIELD VERIFY THAT THE EXISTING FIELD CONTOUR ELEVATIONS ARE ACCURATE WITHIN ONE-HALF (½) OF THE EXISTING CONDITION CONTOUR INTERVAL SHOWN ON THE PLANS. IF THE ELEVATIONS ARE NOT WITHIN ONE-HALF (½) OF THE CONTOUR ELEVATIONS, NO LAND DISTURBING ACTIVITY CAN CONTINUE ON THE SITE UNTIL THE PLAN PREPARER HAS BEEN INFORMED. THE PLAN PREPARER MUST APPROVE IN WRITING THE USE OF THE EXISTING SWPPP ELEVATIONS AND NOTIFY THE TOWN OF PENDLETON STORMWATER MANAGEMENT OF THEIR APPROVAL PRIOR TO WORK CONTINUING, IF THE EXISTING SWPPP WILL NOT FUNCTION AS DESIGNED DUE TO THE ELEVATION CHANGE, A NEW SURVEY MUST BE CONDUCTED AND THE SWPPP MUST BE MODIFIED BY THE PLAN PREPARER.

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
		RIGHT OF WAY LINE
850	850	CONTOUR
		LIMITS OF DISTURBANCE
		SILT FENCE
	IP	INLET PROTECTION

DEMOLITION LEGEND

	EXISTING PAVEMENT DEMO
	EXISTING TREE DEMO
	SAWCUT LINE



GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED, SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED.
2. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE. MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IF CLEARANCES ARE LESS THAN SPECIFIED ON THE PLAN OR TWELVE INCHES (12"), WHICHEVER IS LESS, CONTACT THE DESIGN ENGINEER AND THE OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
5. IF DEMOLITION OR CONSTRUCTION ON SITE WILL INTERFERE WITH THE ADJACENT PROPERTY OWNER'S TRAFFIC FLOW, THE CONTRACTOR SHALL COORDINATE WITH THE ADJACENT PROPERTY OWNER, TO MINIMIZE THE IMPACT ON TRAFFIC FLOW. TEMPORARY RE-ROUTING OF TRAFFIC IS TO BE ACCOMPLISHED BY USING DOT APPROVED TRAFFIC BARRICADES, BARRELS, AND/OR CONES. TEMPORARY SIGNAGE AND FLAGMEN MAY BE ALSO NECESSARY.
6. CONTRACTOR SHALL BEGIN CONSTRUCTION OF ANY LIGHT POLE BASES FOR RELOCATED LIGHT FIXTURES AND RELOCATION OF ELECTRICAL SYSTEM AS SOON AS DEMOLITION BEGINS.
7. INTERRUPTION OF POWER TO ANY LIGHT POLES OR SIGNS SHALL NOT EXCEED 24 HOURS.
8. THE CONTRACTOR SHALL MAINTAIN ALL SANITARY SEWER SERVICES TO ANY "UPSTREAM" FACILITIES AT ALL TIMES. SANITARY SEWER SERVICES SHALL NOT BE INTERRUPTED AT ANY TIME DURING CONSTRUCTION ACTIVITIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS.
10. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
11. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., TO THE BEST PRACTICES AND APPROVED BY OWNER/DEVELOPER CONSTRUCTION MANAGER.
12. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED AND THE SITE IS TO BE STABILIZED..
13. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE TOWN OF PENDLETON FIRE DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGH OUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE TOWN OF PENDLETON UTILITIES DEPARTMENT DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
14. CONTRACTOR IS TO ENSURE NO DISTURBANCE OCCURS BEYOND THE LIMITS SHOWN ON THIS PLAN.

SAW CUT AND REMOVE EXISTING ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE. REMOVE SUFFICIENT AMOUNT OF MATERIAL TO INSTALL FULL-DEPTH PAVEMENT TO GRADES SHOWN ON SHEETS C-3.0

CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND SITE PERIMETER AS NECESSARY FOR SECURITY AND PUBLIC SAFETY.

NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

PHASE 1 CONSTRUCTION SEQUENCE

1. RECEIVE NPDES APPROVAL LETTER FROM DHEC.
2. CONTACT DHEC EA REGIONAL OFFICE 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
3. INSTALL STABILIZED CONSTRUCTION EXIT(S).
4. INSTALL PERIMETER SILT FENCE ON THE SITE (CLEAR ONLY AREAS NECESSARY TO INSTALL SILT FENCE).
5. INSTALL SEDIMENT BASINS, DIVERSION DITCHES, AND ASSOCIATED EROSION CONTROL MEASURES. ONLY CLEAR AREAS REQUIRED FOR INSTALLATION OF BMPs.
6. CONTRACTOR TO CONSTANTLY MONITOR AND MAINTAIN ALL ON-SITE BMPs AND REMOVE ACCUMULATED SEDIMENT AFTER RAINFALL EVENTS.

811 Know what's below. Call before you dig.

N

SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

EROSION CONTROL PHASE 1 & DEMO PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.0

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DRAWING FILE: T:\1-Projects\0C-Pendleton, Town of-CGRE230073 Winston Street Sidewalk\0 DWG\3-PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:44pm

EROSION CONTROL STANDARD NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
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   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
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4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
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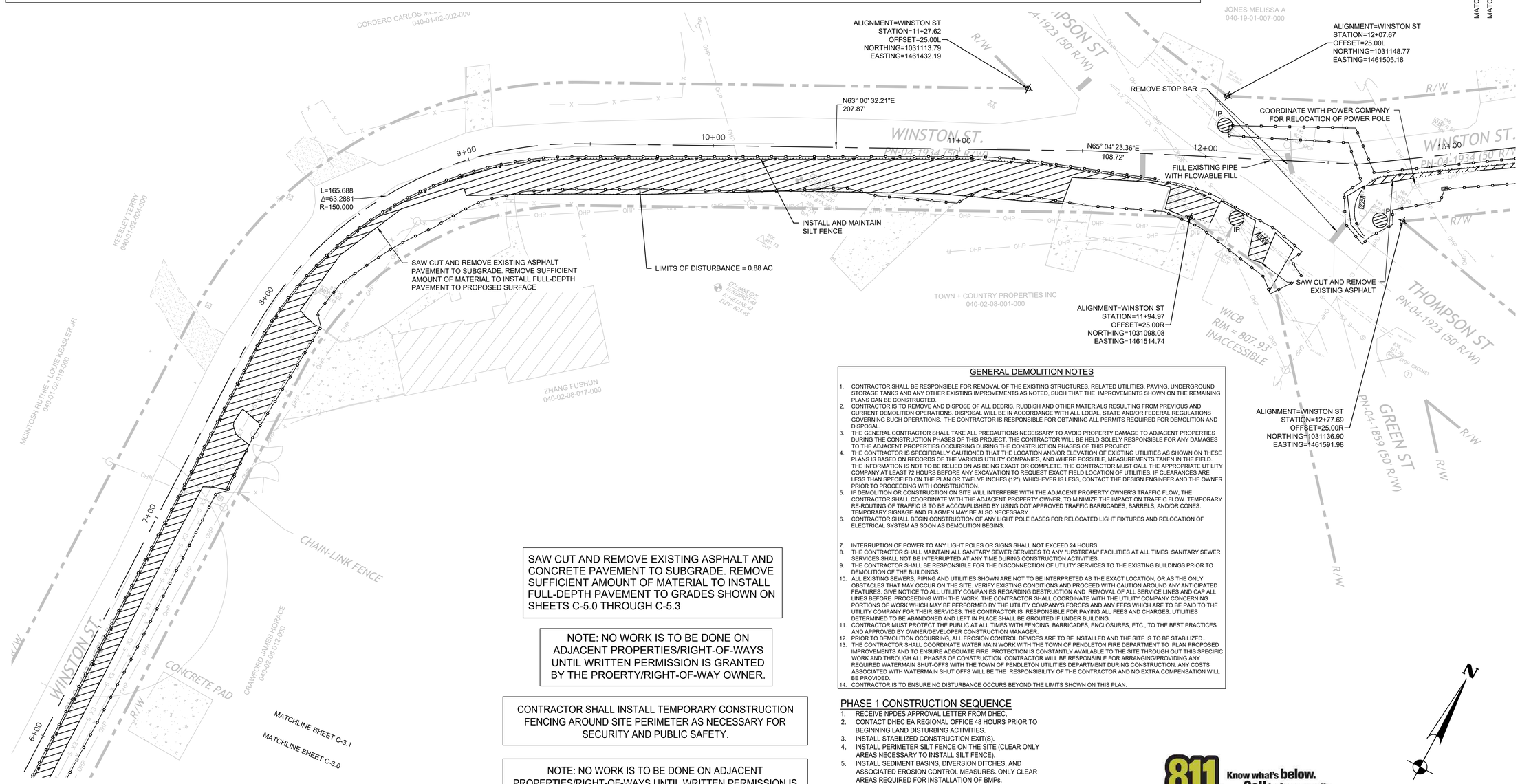
   - REMOVE DEPOSITED SEDIMENT FROM SEDIMENT TRAPS OR SEDIMENTATION WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR THE SEDIMENT HAS REACHED THE CLEAN OUT POINT ON THE CLEANOUT STAKE (WHICHEVER OCCURS FIRST).
   - REMOVE DEPOSITED SEDIMENT COLLECTED BY SEDIMENT CONTROL MEASURE (SILT FENCE, CHECK DAMS, SEDIMENT TUBES, ETC.) WHEN THE DEPOSITED SEDIMENT REACHES ½ THE HEIGHT OF THE ABOVE-GROUND PORTION OF THESE BMP'S, OR BEFORE IT REACHES A LOWER HEIGHT
   - ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK WITH NO MORE THAN 9 CALENDAR DAYS IN BETWEEN INSPECTIONS AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
19. CONTRACTOR MUST FIELD VERIFY THAT THE EXISTING FIELD CONTOUR ELEVATIONS ARE ACCURATE WITHIN ONE-HALF ($\frac{1}{2}$) OF THE EXISTING CONDITION CONTOUR INTERVAL SHOWN ON THE PLANS. IF THE ELEVATIONS ARE NOT WITHIN ONE-HALF ($\frac{1}{2}$) OF THE CONTOUR ELEVATIONS, NO LAND DISTURBING ACTIVITY CAN CONTINUE ON THE SITE UNTIL THE PLAN PREPARER HAS BEEN INFORMED. THE PLAN PREPARER MUST APPROVE IN WRITING THE USE OF THE EXISTING SWPPP ELEVATIONS AND NOTIFY THE TOWN OF PENDLETON STORMWATER MANAGEMENT OF THEIR APPROVAL PRIOR TO WORK CONTINUING, IF THE EXISTING SWPPP WILL NOT FUNCTION AS DESIGNED DUE TO THE ELEVATION CHANGE, A NEW SURVEY MUST BE CONDUCTED AND THE SWPPP MUST BE MODIFIED BY THE PLAN PREPARER.

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
		RIGHT OF WAY LINE
850	850	CONTOUR
		LIMITS OF DISTURBANCE
		SILT FENCE
	IP	INLET PROTECTION

DEMOLITION LEGEND

	EXISTING PAVEMENT DEMO
	EXISTING TREE DEMO
	SAWCUT LINE



SAW CUT AND REMOVE EXISTING ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE. REMOVE SUFFICIENT AMOUNT OF MATERIAL TO INSTALL FULL-DEPTH PAVEMENT TO GRADES SHOWN ON SHEETS C-5.0 THROUGH C-5.3

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CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND SITE PERIMETER AS NECESSARY FOR SECURITY AND PUBLIC SAFETY.

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3. THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
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6. CONTRACTOR SHALL BEGIN CONSTRUCTION OF ANY LIGHT POLE BASES FOR RELOCATED LIGHT FIXTURES AND RELOCATION OF ELECTRICAL SYSTEM AS SOON AS DEMOLITION BEGINS.
7. INTERRUPTION OF POWER TO ANY LIGHT POLES OR SIGNS SHALL NOT EXCEED 24 HOURS.
8. THE CONTRACTOR SHALL MAINTAIN ALL SANITARY SEWER SERVICES TO ANY "UPSTREAM" FACILITIES AT ALL TIMES. SANITARY SEWER SERVICES SHALL NOT BE INTERRUPTED AT ANY TIME DURING CONSTRUCTION ACTIVITIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS.
10. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
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12. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED AND THE SITE IS TO BE STABILIZED..
13. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE TOWN OF PENDLETON FIRE DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGH OUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE TOWN OF PENDLETON UTILITIES DEPARTMENT DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
14. CONTRACTOR IS TO ENSURE NO DISTURBANCE OCCURS BEYOND THE LIMITS SHOWN ON THIS PLAN.

PHASE 1 CONSTRUCTION SEQUENCE

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2. CONTACT DHEC EA REGIONAL OFFICE 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
3. INSTALL STABILIZED CONSTRUCTION EXIT(S).
4. INSTALL PERIMETER SILT FENCE ON THE SITE (CLEAR ONLY AREAS NECESSARY TO INSTALL SILT FENCE).
5. INSTALL SEDIMENT BASINS, DIVERSION DITCHES, AND ASSOCIATED EROSION CONTROL MEASURES. ONLY CLEAR AREAS REQUIRED FOR INSTALLATION OF BMPs.
6. CONTRACTOR TO CONSTANTLY MONITOR AND MAINTAIN ALL ON-SITE BMPs AND REMOVE ACCUMULATED SEDIMENT AFTER RAINFALL EVENTS.

811 Know what's below. Call before you dig.

SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx

PROJECT MANAGER: MGL
DESIGNER: NDW

EROSION CONTROL PHASE 1 & DEMO PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.1

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DRAWING FILE T:\Projects\GC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:44pm

EROSION CONTROL STANDARD NOTES

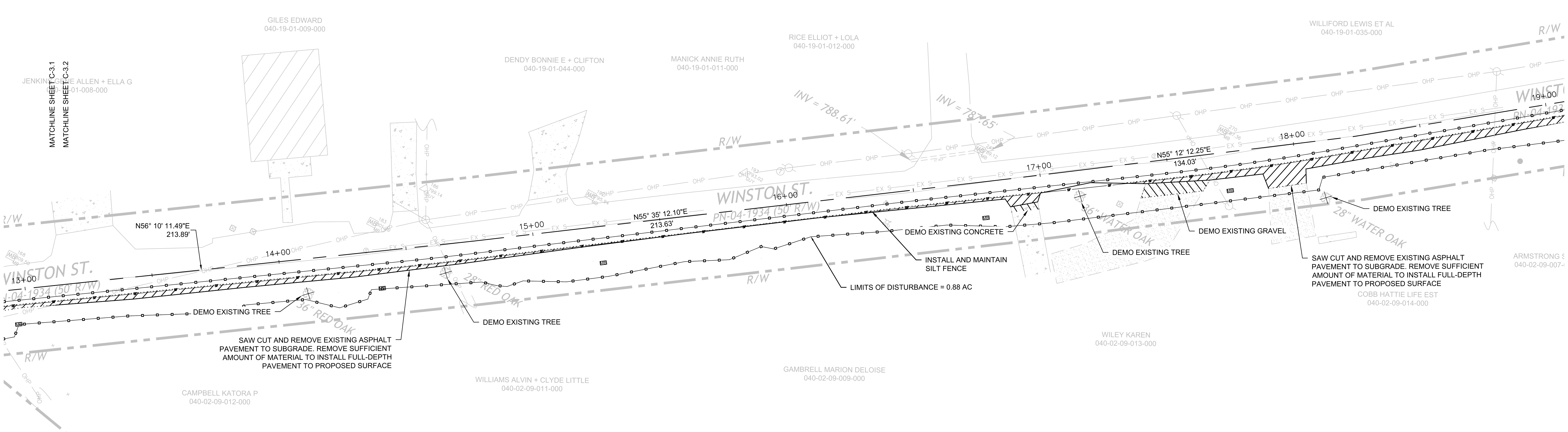
1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BM HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED.
   - REMOVE DEPOSITED SEDIMENT FROM SEDIMENT TRAPS OR SEDIMENTATION WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR THE SEDIMENT HAS REACHED THE CLEAN OUT POINT ON THE CLEANOUT STAKE (WHICHEVER OCCURS FIRST).
   - REMOVE DEPOSITED SEDIMENT COLLECTED BY SEDIMENT CONTROL MEASURE (SILT FENCE, CHECK DAMS, SEDIMENT TUBES, ETC.) WHEN THE DEPOSITED SEDIMENT REACHES ⅓ THE HEIGHT OF THE ABOVE-GROUND PORTION OF THESE BMP'S, OR BEFORE IT REACHES A LOWER HEIGHT
   - ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK WITH NO MORE THAN 9 CALENDAR DAYS IN BETWEEN INSPECTIONS AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
19. CONTRACTOR MUST FIELD VERIFY THAT THE EXISTING FIELD CONTOUR ELEVATIONS ARE ACCURATE WITHIN ONE-HALF ($\frac{1}{2}$) OF THE EXISTING CONDITION CONTOUR INTERVAL SHOWN ON THE PLANS. IF THE ELEVATIONS ARE NOT WITHIN ONE-HALF ($\frac{1}{2}$) OF THE CONTOUR ELEVATIONS, NO LAND DISTURBING ACTIVITY CAN CONTINUE ON THE SITE UNTIL THE PLAN PREPARER HAS BEEN INFORMED. THE PLAN PREPARER MUST APPROVE IN WRITING THE USE OF THE EXISTING SWPPP ELEVATIONS AND NOTIFY THE TOWN OF PENDLETON STORMWATER MANAGEMENT OF THEIR APPROVAL PRIOR TO WORK CONTINUING, IF THE EXISTING SWPPP WILL NOT FUNCTION AS DESIGNED DUE TO THE ELEVATION CHANGE, A NEW SURVEY MUST BE CONDUCTED AND THE SWPPP MUST BE MODIFIED BY THE PLAN PREPARER.

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
— — —		RIGHT OF WAY LINE
- - - 850 - - -	—(850)—	CONTOUR
	———	LIMITS OF DISTURBANCE
	—SF—SF—	SILT FENCE
	IP	INLET PROTECTION

DEMOLITION LEGEND

(hatch)	EXISTING PAVEMENT DEMO
×	EXISTING TREE DEMO
· · · · ·	SAWCUT LINE



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SAW CUT AND REMOVE EXISTING ASPHALT AND CONCRETE PAVEMENT TO SUBGRADE. REMOVE SUFFICIENT AMOUNT OF MATERIAL TO INSTALL FULL-DEPTH PAVEMENT TO GRADES SHOWN ON SHEETS C-5.0 THROUGH C-5.3

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PHASE 1 CONSTRUCTION SEQUENCE

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811 Know what's below. Call before you dig.

N

20' 10' 0' 20' 40'
SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22014 LICENSED

EROSION CONTROL PHASE 1 & DEMO PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.2

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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DEMOLITION LEGEND

(hatched box)	EXISTING PAVEMENT DEMO
×	EXISTING TREE DEMO
· · · · · · · · · · ·	SAWCUT LINE

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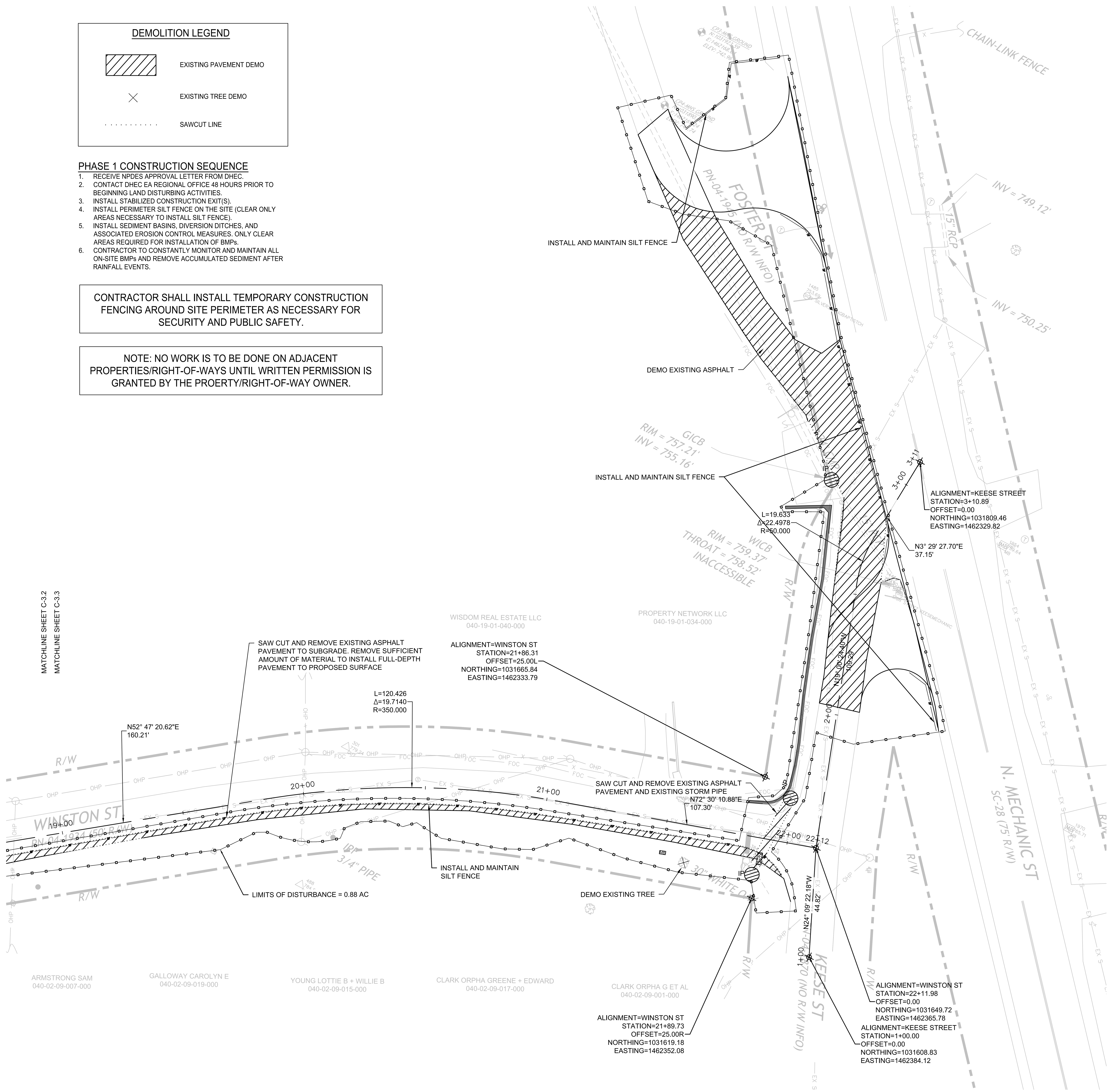

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
— — —		RIGHT OF WAY LINE
------ 850 ------	—(850)—	CONTOUR
	————	LIMITS OF DISTURBANCE
	—SF—SF—	SILT FENCE
	IP (hatched circle)	INLET PROTECTION

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Know what's below. Call before you dig. 811

20' 10' 0' 20' 40'
SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 22016 ... EUGENE D. ...

EROSION CONTROL PHASE 1 & DEMO PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-2.3

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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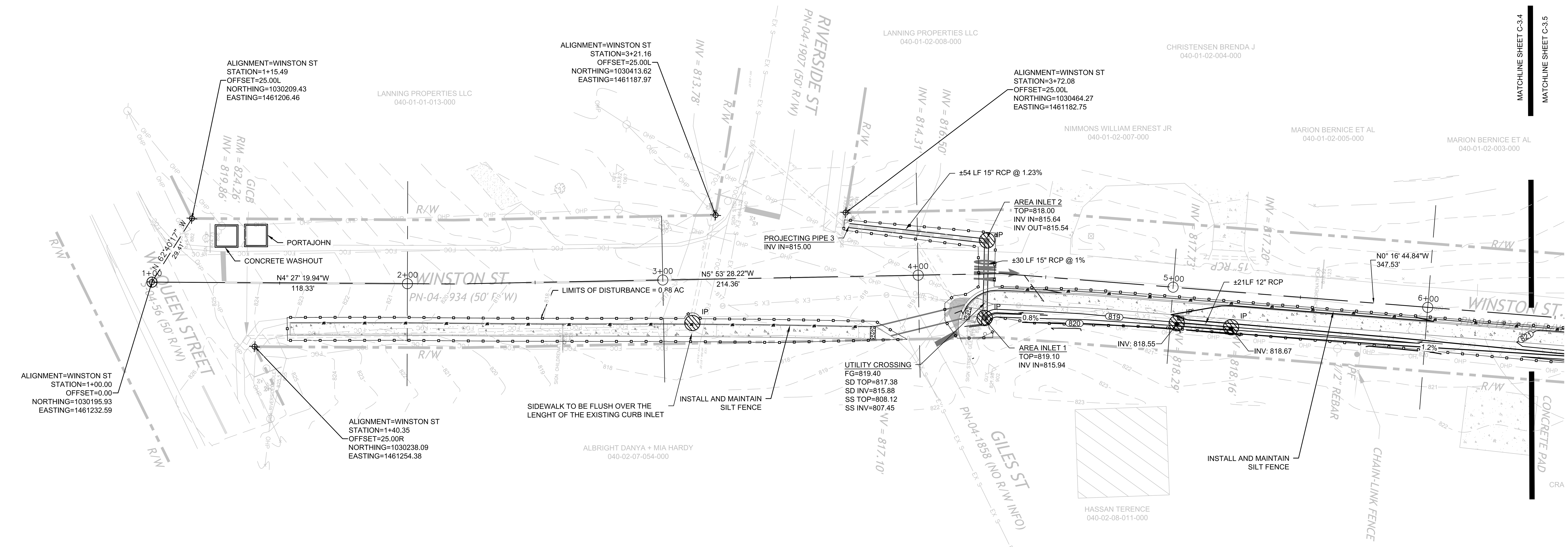
EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
— — —		RIGHT OF WAY LINE
- - 850 - -	—(850)—	CONTOUR
	———	LIMITS OF DISTURBANCE
	—SF—SF—	SILT FENCE
	IP (hatched circle)	INLET PROTECTION



CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND SITE PERIMETER AS NECESSARY FOR SECURITY AND PUBLIC SAFETY.

NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

PHASE 2 CONSTRUCTION SEQUENCE

1. CONTINUALLY INSPECT AND MAINTAIN ALL BMP'S AND REPLACE ANY BMP'S AS NEEDED.
2. BEGIN GENERAL GRADING OF SITE. APPLY PERMANENT SEEDING TO ALL AREAS AS SOON AS THEY ARE COMPLETE.
3. INSTALL CURB AND GUTTER AND FINE GRADE PARKING AREAS.
4. PAVE SITE AND INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
5. REMOVE TEMPORARY BMP'S AS SOON AS THEIR CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
6. CONTACT ANDERSON COUNTY (PH:864-260-4720) AND DHEC REGIONAL OFFICE FOR COORDINATION OF FILING NOTICE OF TERMINATION.

811 Know what's below. Call before you dig.

20' 10' 0' 20' 40'
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GMC
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Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 22014

EROSION CONTROL PLAN PHASE 2

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.4

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DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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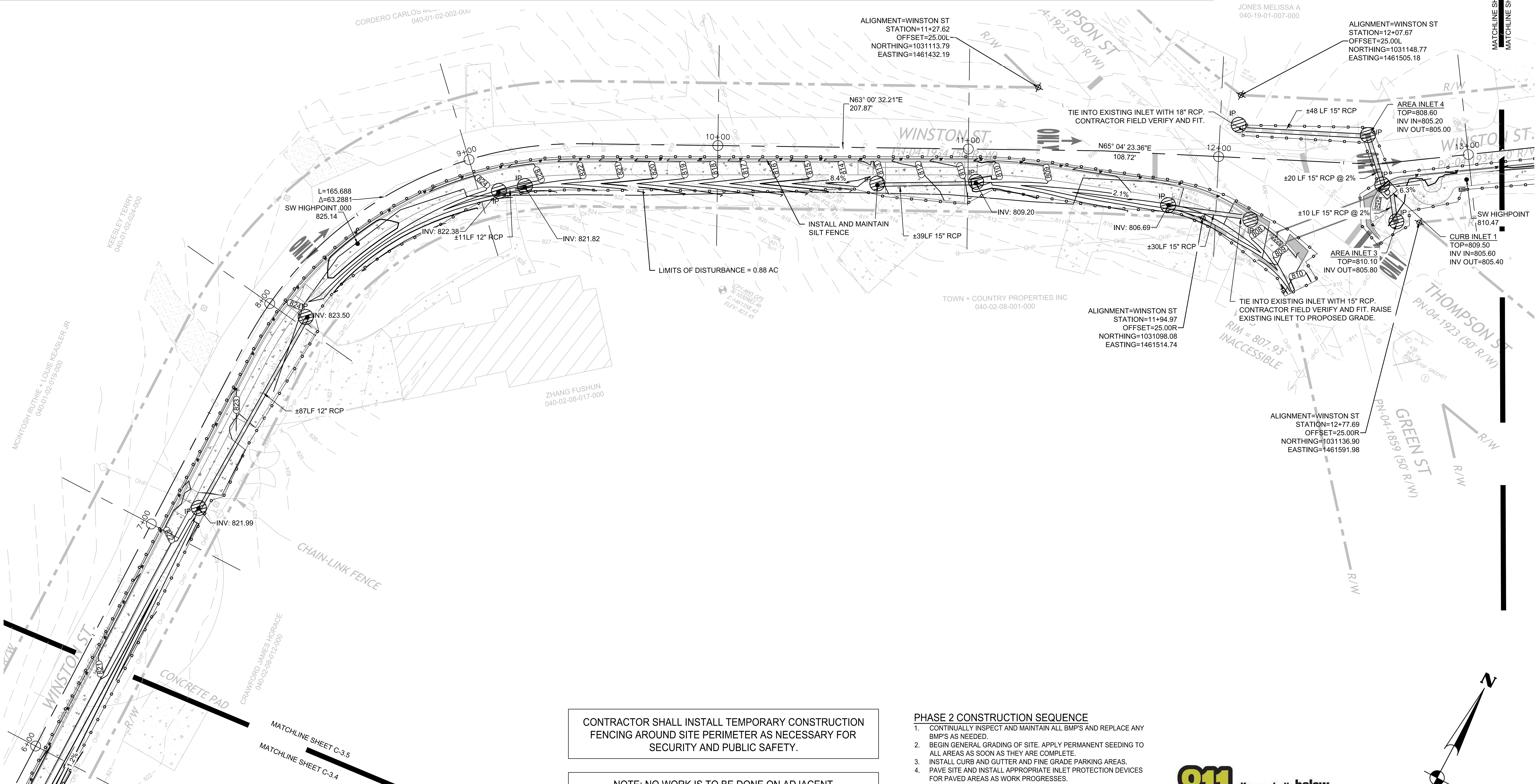
19. CONTRACTOR MUST FIELD VERIFY THAT THE EXISTING FIELD CONTOUR ELEVATIONS ARE ACCURATE WITHIN ONE-HALF ($\frac{1}{2}$) OF THE EXISTING CONDITION CONTOUR INTERVAL SHOWN ON THE PLANS. IF THE ELEVATIONS ARE NOT WITHIN ONE-HALF ($\frac{1}{2}$) OF THE CONTOUR ELEVATIONS, NO LAND DISTURBING ACTIVITY CAN CONTINUE ON THE SITE UNTIL THE PLAN PREPARER HAS BEEN INFORMED. THE PLAN PREPARER MUST APPROVE IN WRITING THE USE OF THE EXISTING SWPPP ELEVATIONS AND NOTIFY THE TOWN OF PENDLETON STORMWATER MANAGEMENT OF THEIR APPROVAL PRIOR TO WORK CONTINUING, IF THE EXISTING SWPPP WILL NOT FUNCTION AS DESIGNED DUE TO THE ELEVATION CHANGE, A NEW SURVEY MUST BE CONDUCTED AND THE SWPPP MUST BE MODIFIED BY THE PLAN PREPARER.

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
— — —		RIGHT OF WAY LINE
- - - 850 - - -	—(850)—	CONTOUR
	———	LIMITS OF DISTURBANCE
	—SF—SF—	SILT FENCE
	IP	INLET PROTECTION



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PHASE 2 CONSTRUCTION SEQUENCE

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2. BEGIN GENERAL GRADING OF SITE. APPLY PERMANENT SEEDING TO ALL AREAS AS SOON AS THEY ARE COMPLETE.
3. INSTALL CURB AND GUTTER AND FINE GRADE PARKING AREAS.
4. PAVE SITE AND INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
5. REMOVE TEMPORARY BMP'S AS SOON AS THEIR CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
6. CONTACT ANDERSON COUNTY (PH:864-260-4720) AND DHEC REGIONAL OFFICE FOR COORDINATION OF FILING NOTICE OF TERMINATION.

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20' 10' 0' 20' 40'
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DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22014

EROSION CONTROL PLAN PHASE 2

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.5

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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EROSION CONTROL STANDARD NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BM HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED.
   - REMOVE DEPOSITED SEDIMENT FROM SEDIMENT TRAPS OR SEDIMENTATION WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR THE SEDIMENT HAS REACHED THE CLEAN OUT POINT ON THE CLEANOUT STAKE (WHICHEVER OCCURS FIRST).
   - REMOVE DEPOSITED SEDIMENT COLLECTED BY SEDIMENT CONTROL MEASURE (SILT FENCE, CHECK DAMS, SEDIMENT TUBES, ETC.) WHEN THE DEPOSITED SEDIMENT REACHES ⅓ THE HEIGHT OF THE ABOVE-GROUND PORTION OF THESE BMP'S, OR BEFORE IT REACHES A LOWER HEIGHT
   - ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
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   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK WITH NO MORE THAN 9 CALENDAR DAYS IN BETWEEN INSPECTIONS AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
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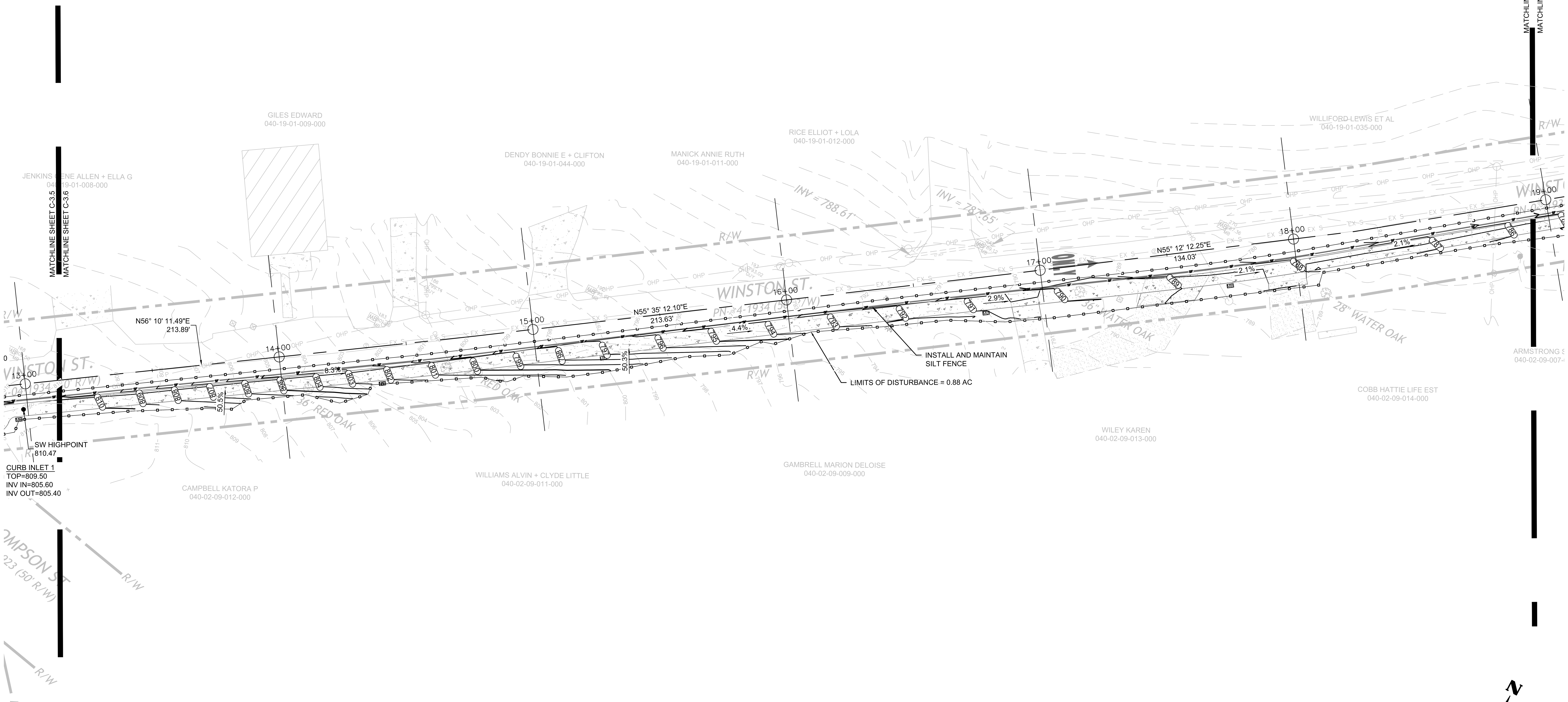
	———	LIMITS OF DISTURBANCE
	—SF—SF—	SILT FENCE
	IP	INLET PROTECTION



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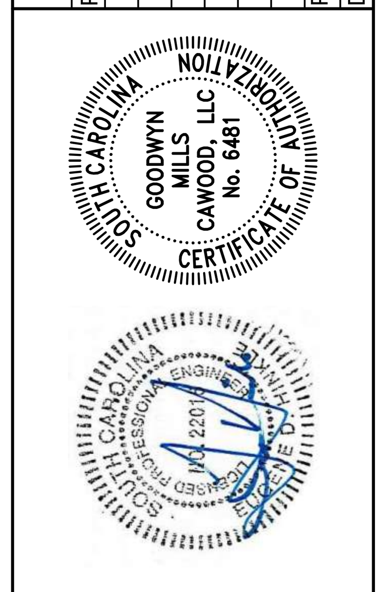

EROSION CONTROL PLAN
PHASE 2

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-2.6

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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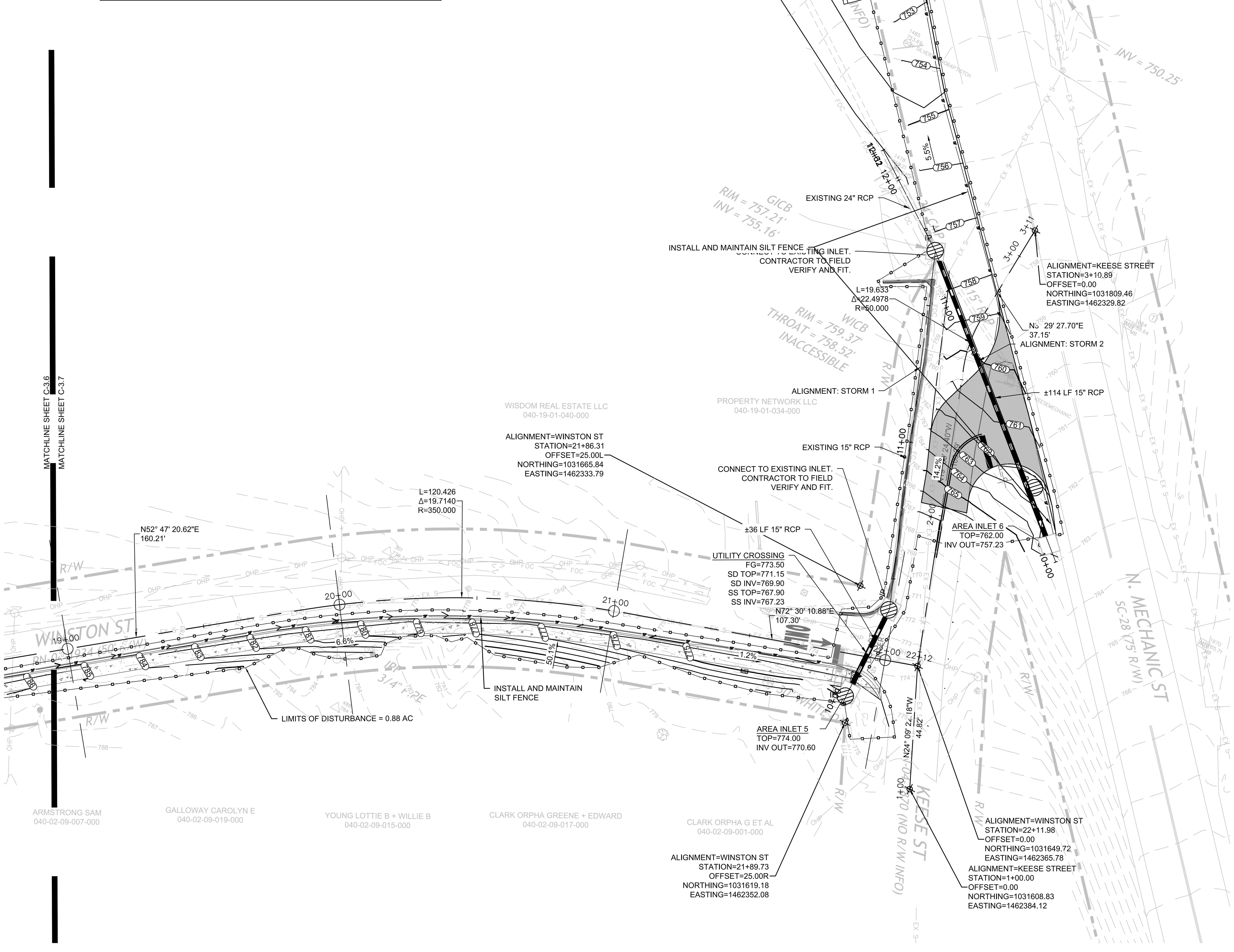

EROSION LEGEND

EXISTING	PROPOSED	DESCRIPTION
— — —		RIGHT OF WAY LINE
- - - 850 - - -	—(850)—	CONTOUR
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ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION GOODWYN MILLS CAWOOD, LLC No. 6481

EROSION CONTROL PLAN PHASE 2

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-2.7

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Erosion Control Plan Phase 1.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

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SCDOT Standard Drawing 815-605-00: Temporary Silt Fence

TABLE 815-605A

HEIGHT OF FILL (y) IN FEET	FILL SLOPE	MINIMUM SILT FENCE OFFSET FROM TOE OF SLOPE (x) IN FEET	MINIMUM RIGHT OF WAY OFFSET FROM TOE OF SLOPE (NPDES LINE) (z) IN FEET	CHECK LENGTH IN FEET**
<6	2:1 4:1 6:1	2	3	2
6–10	2:1	12*	13*	5
	4:1 6:1	3	4	3
>10	2:1	12*	13*	5
	4:1 6:1	4	5	4

*THESE MINIMUM OFFSETS MAY BE REDUCED WHEN CURB AND GUTTER OR SOME OTHER FEATURE REDUCES THE FLOW OF WATER DOWN THE SLOPE. THE SMALL OFFSETS OF EACH GROUP OF HEIGHT OF FILL CANNOT BE REDUCED.

**SILT FENCE CHECKS WILL HAVE A MAXIMUM LENGTH OF FIVE (5) FEET OR UNTIL THEY TIE BACK INTO THE SLOPE.

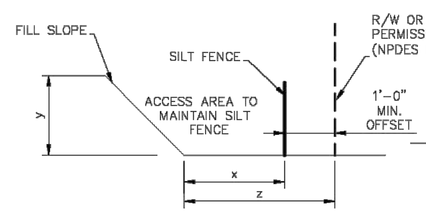
SEE 815-605-10 FOR TEMPORARY DIVERSION DIKE

SEE 815-605-20 FOR TEMPORARY SILT DITCH

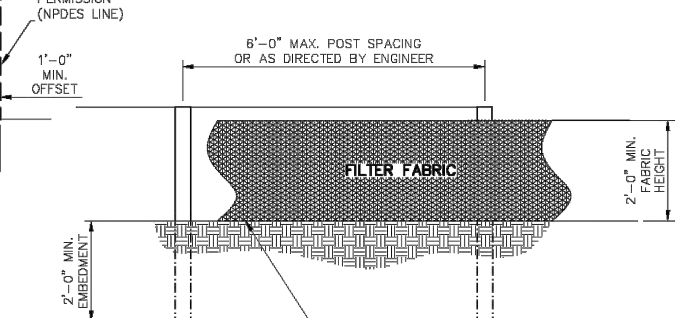
SEE 815-605-30 FOR ROLLED EROSION CONTROL PRODUCT

NOTES:

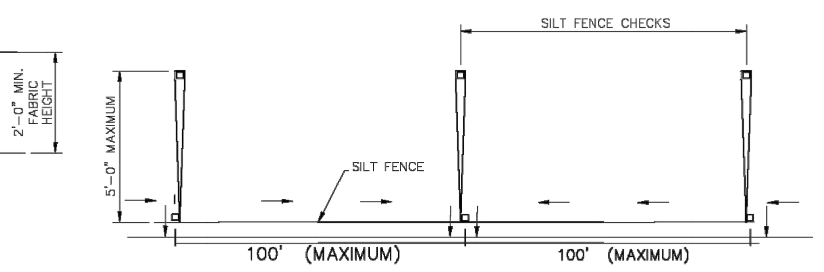
1. SILT FENCE CHECKS MUST BE LOCATED EVERY 100 FEET MAXIMUM AND AT LOW POINTS. FILTER FABRICS SHALL CONFORM TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
2. USE POSTS CONFORMING TO SCDOT STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. POSTS SHALL BE A MINIMUM OF 5 FEET LONG AND INSTALLED TO A MINIMUM DEPTH OF 24 INCHES WITH NO MORE THAN 3 FEET OF THE POST ABOVE GROUND. AT LEAST 1 TO 2 INCHES OF THE POSTS SHALL EXTEND ABOVE THE TOP OF THE FABRIC. POST SPACING WILL BE A MAXIMUM OF 6 FEET ON CENTER .
3. POSTS SHALL HAVE PROJECTIONS FOR FASTENING THE FABRIC TO THE POST. POSTS SHALL ALSO HAVE A SOIL PLATE NEAR THE BOTTOM OF THE POST, EXCEPT WHEN HEAVY CLAY SOILS ARE PRESENT ON-SITE.
4. ATTACH FABRIC TO POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED AND PLACED IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES TIES SHOULD BE AFFIXED IN NO LESS THAN 4 PLACES.
5. SILT SHALL BE REMOVED AND DISPOSED OF WHEN SILT ACCUMULATES TO ⅓ THE HEIGHT OF THE FENCE. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON-SITE. MAINTENANCE OF SILT FENCE WILL BE MEASURED AND PAID FOR BY THE ITEM OF REMOVAL OF SILT RETAINED BY SILT FENCE.
6. TYPICAL SILT FENCE APPLICATIONS REQUIRE 24 INCHES OF THE FABRIC TO BE ABOVE GROUND. WHEN NEEDED, THE HEIGHT OF SILT FENCE FABRIC ABOVE THE GROUND MAY BE GREATER THAN 24". SEE PLANS FOR APPLICATION OF HIGHER SILT FENCE, PAY ITEMS, AND INSTALLATION METHODS.
7. IN TIDAL AREAS, EXTRA SILT FENCE MAY BE REQUIRED. THE LENGTH OF POST WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN AS SHOWN HEREON. EXTRA HEIGHT FABRIC WILL BE 4, 5, OR 6 FEET TOTAL WIDTH.
8. PAY ITEMS:
   8153000 SILT FENCE ____ LF
   8153005 SILT FENCE EXTRA HEIGHT ____ LF
   8153090 REPLACE/REPAIR SILT FENCE ____ LF
   8154050 REMOVAL OF SILT RETAINED BY SILT FENCE ____ LF



DETAIL 3
ACCESS AREA
TABLE 815-605A

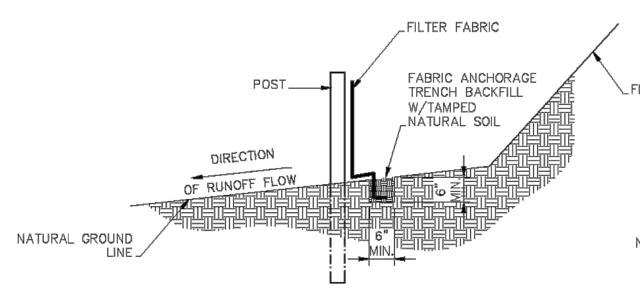


DETAIL 1
TYPICAL POST SPACING

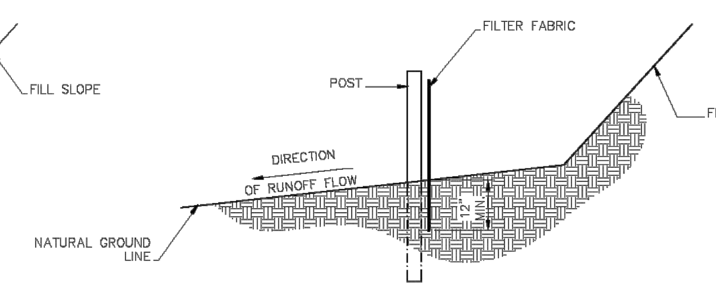


DETAIL 2
SILT FENCE CHECKS

12 INCHES OF THE FABRIC SHALL BE BURIED REGARDLESS, IF PLACED PNEUMATICALLY OR WITH A TRENCHER. BOTH METHODS SHOWN BELOW.



DETAIL 4
TRENCH METHOD



DETAIL 5
PNEUMATIC METHOD

NOT TO SCALE

REFERENCES
NATIONAL DOCUMENTS

SCDOT DOCUMENTS
SC-M-815-2, QPL 34
RELATED DRAWINGS & KEYWORDS

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 21242 REGISTERED JAMES W. KENDALL, JR.

SIGNATURE
11/10/2016
DATE

#	DATE	CHK	DESCRIPTION
5			
4			
3	11/2016	DSO	GENERAL REVISIONS
2	8/2016	DSO	GENERAL REVISIONS
1	8/2012	KNB	ADDED SCDOT DOCUMENTS, REMOVED STEEL, CHANGED NOTES
0	3/2008	DSO	GENERAL REVISIONS

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
TEMPORARY SILT FENCE
815-605-00
EFFECTIVE LETTING DATE JULY, 2017

SCDOT Standard Drawing 815-001-01: Type A Inlet Structure Filters

REFERENCES
NATIONAL DOCUMENTS

SCDOT DOCUMENTS
SC-M-815-8 QPL 57
RELATED DRAWINGS & KEYWORDS

PRECONSTRUCTION SUPPORT ENGINEER

SOUTH CAROLINA PROFESSIONAL REGISTERED ENGINEER No. 21242 JAMES W. KENDALL, JR.

SIGNATURE
11/18/2016
DATE

#	DATE	CHK	DESCRIPTION
5			
4			
3			
2	8/2016	DSO	GENERAL REVISIONS
1	8/2012	DSO	UPDATED DIMENSIONS AND NOTES
0	3/2008	DSO	GENERAL REVISIONS

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

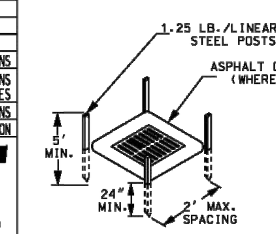
STANDARD DRAWING
TYPE A INLET STRUCTURE FILTERS
815-001-01
EFFECTIVE LETTING DATE JUL 2017
THIS DRAWING IS NOT TO SCALE

INSTALLATION:

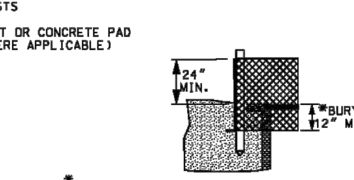
1. FILTER FABRIC IS USED FOR INLET PROTECTION WHEN STORMWATER FLOWS ARE RELATIVELY SMALL (1.0 CFS OR LESS) WITH LOW VELOCITIES. WHERE THE INLET DRAINS AREA HAS GRADES NO GREATER THAN 5% AND THE IMMEDIATE DRAINAGE AREA AROUND THE INLET (5 FOOT RADIUS) HAS GRADES LESS THAN 1%. DO NOT USE IN AREAS RECEIVING CONCENTRATED FLOW OR WHERE DITCHES ARE PAVED. A TRENCH SHALL BE EXCAVATED 6 INCHES WIDE AND 6 INCHES DEEP AROUND THE OUTER PERIMETER OF THE STAKES UNLESS FABRIC IS PNEUMATICALLY INSTALLED.
2. FILTER FABRIC SHALL CONFORM TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION). FILTER FABRIC SHALL EXTEND A MINIMUM OF 12 INCHES INTO THE TRENCH. THE TRENCH SHALL BE BACKFILLED WITH SOIL OR CRUSHED STONE AND COMPACTED OVER THE FILTER FABRIC UNLESS FABRIC IS PNEUMATICALLY INSTALLED.
3. USE STEEL POSTS WITH A MINIMUM POST LENGTH OF 5 FEET CONSISTING OF STANDARD "T" SECTIONS WITH A WEIGHT OF 1.25 POUNDS PER FOOT (±8%). THE HEIGHT OF THE FILTER BARRIER ABOVE GROUND SHALL BE A MINIMUM OF 24 INCHES. POSTS SHALL BE SPACED AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 2 FEET APART AND DRIVEN INTO THE GROUND A MINIMUM OF 24 INCHES. ATTACH FABRIC TO POSTS USING ONLY HEAVY DUTY PLASTIC TIES. ATTACH AT LEAST 4 EVENLY SPACED TIES IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC.
4. FILTER FABRIC SHOULD BE IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE PROTECTED AREA TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHOULD BE WRAPPED TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST WITH A MINIMUM 6 INCH OVERLAP.
5. PROVIDE A FILTER FABRIC CAPABLE OF REDUCING EFFLUENT SEDIMENT CONCENTRATIONS BY NOT LESS THAN 80% UNDER TYPICAL SEDIMENT MIGRATION CONDITIONS.

INSPECTION AND MAINTENANCE:

1. INSPECTIONS SHOULD BE MADE EVERY SEVEN (7) CALENDAR DAYS. ANY NEEDED REPAIRS SHOULD BE HANDLED IMMEDIATELY.
2. IF THE FABRIC BECOMES CLOGGED, IT SHOULD BE REPLACED.
3. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES APPROXIMATELY 1/3 THE HEIGHT OF THE FILTER FABRIC. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE HOLE. MAINTAIN THE POOL AREA, ALWAYS PROVIDING ADEQUATE SEDIMENT STORAGE VOLUME FOR THE NEXT STORM. TAKE CARE NOT TO DAMAGE OR UNDERCUT FABRIC WHEN REMOVING SEDIMENT. CLEANING INLET STRUCTURE FILTERS IS PAID FOR EACH (EA) FILTER CLEANED OF DEPOSITED SEDIMENT FROM THE AREA ADJACENT TO EACH INLET STRUCTURE FILTER.
4. STORM DRAIN INLET PROTECTION STRUCTURES SHOULD BE REMOVED ONLY AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO DRAIN. USE APPROPRIATE PERMANENT STABILIZATION METHODS TO STABILIZE BARE AREAS AROUND THE INLET.
5. THE PAY ITEMS SHALL BE:
   8156219 INLET STRUCTURE FILTER TYPE A________LF
   8154155 CLEANING INLET STRUCTURE FILTERS________EA

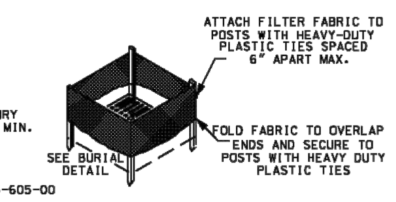


POST INSTALLATION DETAIL



*IN ACCORDANCE WITH STD. DRAWING 815-605-00

FILTER FABRIC BURIAL DETAIL



FILTER FABRIC INSTALLATION DETAIL

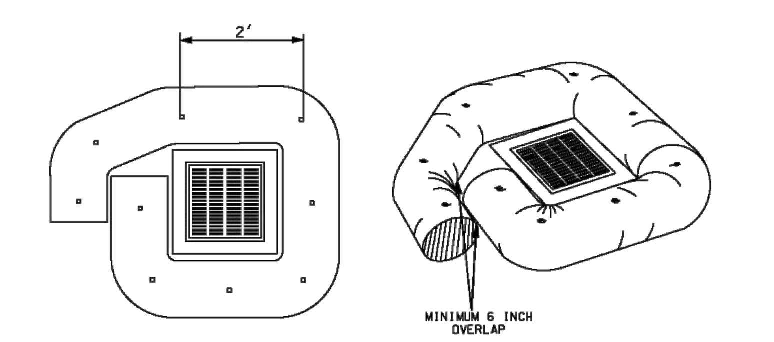
TYPE A
LOW FLOW INLET FILTERS
(FILTER FABRIC INLET PROTECTION)

INSTALLATION:

1. INSTALL SEDIMENT TUBES BY LAYING THEM FLAT ON THE GROUND. CONSTRUCT A SMALL TRENCH TO A DEPTH THAT IS 20% OF THE SEDIMENT TUBE DIAMETER. LAY THE SEDIMENT TUBE IN THE TRENCH AND COMPACT THE UPSTREAM SEDIMENT TUBE/SOIL INTERFACE. INSTALL ALL SEDIMENT TUBES SO NO GAPS EXIST BETWEEN THE SOIL AND THE BOTTOM OF THE SEDIMENT TUBE. LAP THE ENDS OF ADJACENT SEDIMENT TUBES A MINIMUM OF 6 INCHES TO PREVENT FLOW AND SEDIMENT FROM PASSING THROUGH THE FIELD JOINT. NEVER STACK SEDIMENT TUBES ON TOP OF ONE ANOTHER.
2. SHOULD SEDIMENT TUBE BECOME DAMAGED DURING INSTALLATION, PLACE A STAKE ON BOTH SIDES OF THE DAMAGED AREA TERMINATING THE TUBE SEGMENT AND INSTALL A NEW TUBE SEGMENT.
3. INSTALL SEDIMENT TUBES USING WOODEN STAKES WITH A MINIMUM POST LENGTH OF 4 FEET AND A MINIMUM MEASURED DIMENSION OF ¾" X ¾" AND A MAXIMUM MEASURED DIMENSION OF 2" X 2", OR USING STEEL POSTS (1.25lbs./linear foot). USE STEEL POSTS WITHOUT A SOIL PLATE AND PAINTING IS NOT REQUIRED. SPACE POSTS OR STAKES ON 2-FOOT CENTERS AND DRIVE THEM INTO THE GROUND TO A MINIMUM DEPTH OF 2 FEET. INSTALL THE STAKES ON THE DOWNSTREAM (1/3) OF THE SEDIMENT TUBE. ENSURE THE AREAS FOR STAKE INSTALLATION ARE COMPACTED SO THE POSTS ARE PROPERLY INSTALLED.

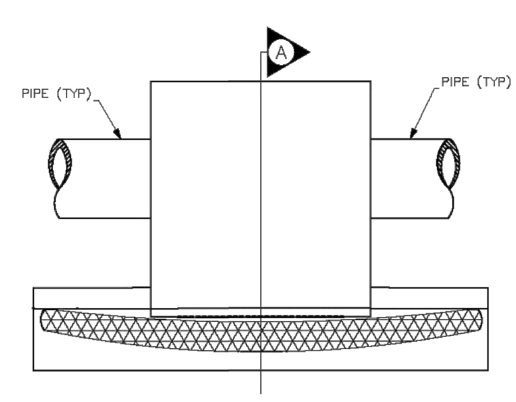
INSPECTION AND MAINTENANCE:

1. INSPECT SEDIMENT TUBES AFTER INSTALLATION FOR GAPS UNDER THE SEDIMENT TUBES AND FOR GAPS BETWEEN THE JOINTS OF ADJACENT ENDS OF SEDIMENT TUBES. REPAIR RILLS, GULLIES, AND ALL UNDERCUTTING NEAR SEDIMENT TUBES. INSPECT SEDIMENT TUBES EVERY 7 DAYS.
2. REMOVE SEDIMENT WHEN IT REACHES APPROXIMATELY ⅓ HEIGHT OF THE INLET STRUCTURE FILTER. IF A SUMP IS USED, REMOVE SEDIMENT WHEN IT FILLS APPROXIMATELY ⅓ THE DEPTH OF THE HOLE. MAINTAIN THE POOL AREA, ALWAYS PROVIDING ADEQUATE SEDIMENT STORAGE VOLUME FOR THE NEXT STORM EVENT. CLEANING INLET STRUCTURE FILTER IS PAID FOR EACH (EA) FILER CLEANED OF DEPOSITED SEDIMENT FROM THE AREA ADJACENT TO EACH INLET STRUCTURE FILTER.
3. REMOVE AND/OR REPLACE INSTALLED SEDIMENT TUBES AS REQUIRED TO ADAPT TO CHANGING CONSTRUCTION SITE CONDITIONS.
4. REMOVE ALL SEDIMENT TUBES FROM THE SITE WHEN THE FUNCTIONAL LONGEVITY IS EXCEEDED AS DETERMINED BY THE ENGINEER, INSPECTOR, OR MANUFACTURER'S REPRESENTATIVE.
5. DISPOSE OF SEDIMENT TUBES BY REGULAR MEANS AS NON-HAZARDOUS, INERT MATERIAL.
6. THE PAY ITEMS SHALL BE:
   8156219 INLET STRUCTURE FILTER TYPE A________LF
   8154155 CLEANING INLET STRUCTURE FILTERS________EA

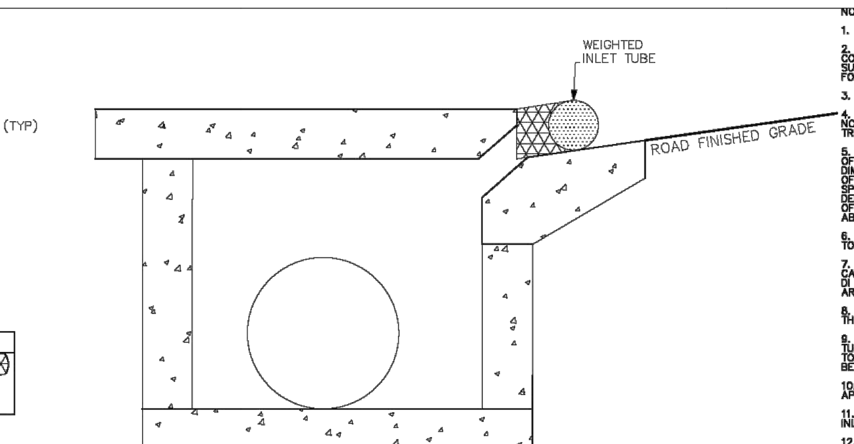


TYPE A
LOW FLOW INLET FILTERS
(SEDIMENT TUBE INLET PROTECTION)

SCDOT Standard Drawing 815-006-00: Type F Inlet Structure Filters

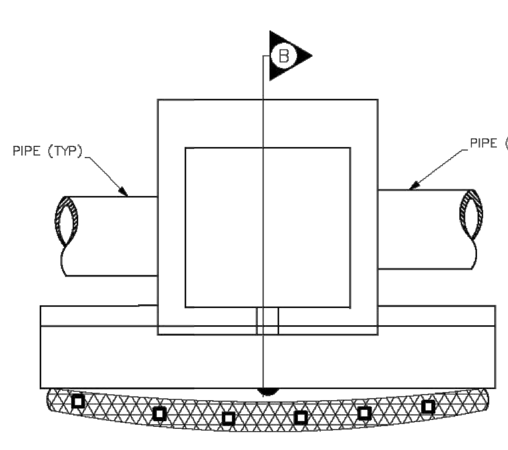


DETAIL 1

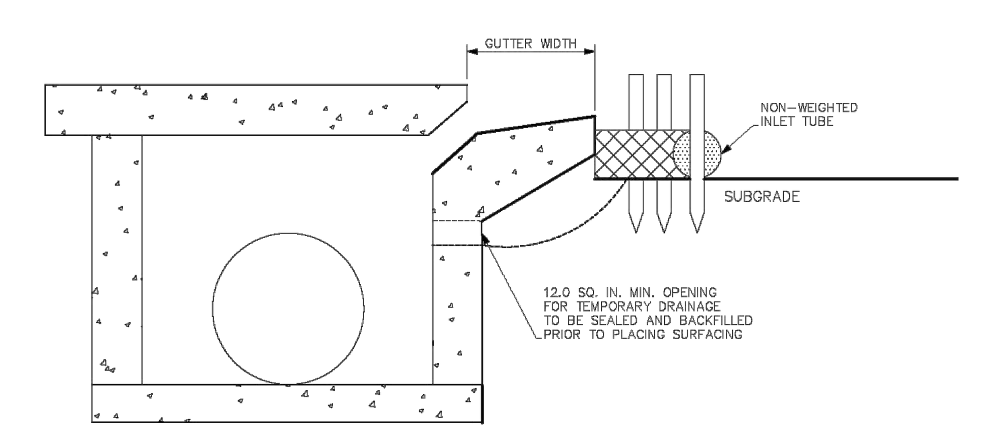


SECTION A
SIDE VIEW OF CATCH BASIN & TYPE F INLET STRUCTURE FILTER

WEIGHTED INLET TUBE



DETAIL 2



SECTION B
SIDE VIEW OF CATCH BASIN & TYPE F INLET STRUCTURE FILTER

NON-WEIGHTED INLET TUBE

THIS DRAWING IS NOT TO SCALE

NOTES:

1. DRAWING SHOWS TYPE 16 CATCH BASIN.
2. NON-WEIGHTED TUBES SHALL BE INSTALLED IMMEDIATELY AFTER GRADING AND CONSTRUCTION OF CATCH BASIN BOX. NON-WEIGHTED TUBES SHALL BE MAINTAINED DURING SUBGRADE AND BASE PREPARATION UNTIL BASE COURSE IS PLACED. THEY ARE APPLICABLE FOR CATCH BASIN TYPES 1, 16, 17, AND 18 WITH DRAINAGE AREAS LESS THAN 1 ACRE.
3. INLET TUBES MAY BE TEMPORARILY MOVED DURING CONSTRUCTION AS NEEDED.
4. CONSTRUCT A SMALL U-SHAPED TRENCH TO A DEPTH THAT IS 20% OF THE NON-WEIGHTED INLET TUBE DIAMETER. LAY THE INLET TUBE FLAT IN THE U-SHAPED TRENCH AND COMPACT THE UPSTREAM INLET TUBE SOIL INTERFACE.
5. INSTALL NON-WEIGHTED INLET TUBES USING WOODEN STAKES WITH A MINIMUM LENGTH OF 3 FEET AND A MINIMUM MEASURED DIMENSION OF 3/4" X 3/4" AND A MAXIMUM MEASURED DIMENSION 2" X 2", OR 1.25 POUNDS PER FOOT STEEL POSTS WITH A MINIMUM LENGTH OF 3 FEET. USE STEEL POSTS WITHOUT A SOIL PLATE AND PAINTING IS NOT REQUIRED. SPACE POSTS OR STAKES ON 2 FOOT CENTERS AND DRIVE THEM INTO THE GROUND TO A MINIMUM DEPTH OF 2 FEET. INSTALL NON-WEIGHTED INLET TUBES SO THAT THE TOP IS BELOW THE TOP OF THE INSTALLED CURB LINE TO ENSURE THAT ALL OVERFLOW OR OVERTOPPING WATER HAS THE ABILITY TO ENTER THE INLET UNOBSTRUCTED.
6. PLACE STAKES ON THE DOWNSTREAM SIDE OF THE NON-WEIGHTED INLET TUBE. REFER TO MANUFACTURER'S RECOMMENDATION FOR OTHER STAKING DETAILS.
7. AFTER ROAD BASE COURSE IS PLACED, WEIGHTED INLET TUBES SHALL BE PLACED FOR CATCH BASIN TYPES 1, 9, 12, 14, 15, 16, 17, & 18, DI 24 INCHES X 24 INCHES, DI 24 INCHES X 36 INCHES, MANHOLES, AND TRENCH DRAINS. WEIGHTED INLET TUBES ARE APPLICABLE WHERE CONSTRUCTION TRAFFIC MAY OCCUR AROUND THE INLET.
8. INSTALL WEIGHTED INLET TUBES LYING FLAT ON THE GROUND WITH NO GAPS BETWEEN THE UNDERLYING SURFACE AND THE TUBE.
9. DO NOT COMPLETELY BLOCK INLETS WITH INLET TUBES. INSTALL WEIGHTED INLET TUBES IN SUCH A MANNER THAT ALL OVERFLOW CAN ENTER THE INLET UNOBSTRUCTED. TO AVOID POSSIBLE FLOODING, 2 OR 3 CONCRETE CINDER BLOCKS MAY BE PLACED BETWEEN THE WEIGHTED INLET TUBE AND THE INLET.
10. FOR WEEP HOLE APPLICATIONS, BOTH WEIGHTED AND NON-WEIGHTED INLET TUBES ARE APPLICABLE.
11. ALL WEIGHTED TYPE F INLET STRUCTURE FILTERS ARE APPLICABLE AS TYPE E INLET STRUCTURE FILTERS.
12. REPLACE INLET TUBES DURING INSTALLATION AS DIRECTED BY THE ENGINEER, INSPECTOR, OR MANUFACTURER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
13. ALL TYPE F INLET FILTERS SHALL BE INSPECTED EVERY 7 CALENDAR DAYS.
14. THE PAY ITEMS SHALL BE:
    8152004 INLET STRUCTURE FILTER TYPE F (WEIGHTED)________LF
    8152006 INLET STRUCTURE FILTER TYPE F (NON-WEIGHTED)________LF
    8154155 CLEANING INLET STRUCTURE FILTERS________EA

REFERENCES
NATIONAL DOCUMENTS

SCDOT DOCUMENTS
SC-M-815-8 QPL 58
RELATED DRAWINGS & KEYWORDS

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 21242 REGISTERED JAMES W. KENDALL, JR.

SIGNATURE
11/18/2016
DATE

#	DATE	CHK	DESCRIPTION
6	---	---	---
5	---	---	---
4	---	---	---
3	---	---	---
2	---	---	---
1	8/2016	DSO	TYPOS; PAY #
0	8/2013	DSO	UPDATED DRAWING

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
TYPE F INLET STRUCTURE FILTERS
815-006-00
EFFECTIVE LETTING DATE JUL 2017

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

PERMIT SUBMITTALS	ISSUE	DATE
		x/x/xx
PROJECT MANAGER:		MGL
DESIGNER:		NDW

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION GOODWYN MILLS CAWOOD, LLC No. 6481

EROSION CONTROL DETAILS

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-2.8

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Details.dwg
PLOTTED: Jan 30, 2025 - 10:47pm

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NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
4. ALL ISLANDS WITH CURB & GUTTER SHALL BE LANDSCAPED. THOSE ISLANDS ARE TO HAVE 18" CURB & GUTTER.
5. ALL CURBED RADII ARE TO BE 4' UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
7. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
9. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
10. ALL BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN WAS TAKEN FROM A SURVEY BY RIDGEWATER, DATED 8/17/2023.
11. THIS PROPERTY DOES NOT LIE IN A 100-YEAR FLOODPLAIN OR IN AN IDENTIFIED "FLOOD PRONE AREA", AS DEFINED PURSUANT TO THE FLOOD DISASTER PROTECTION ACT OF 1973, AS AMENDED, AS REFLECTED BY FLOOD INSURANCE RATE MAP PANEL 45007C0093E, DATED 09/29/2011.

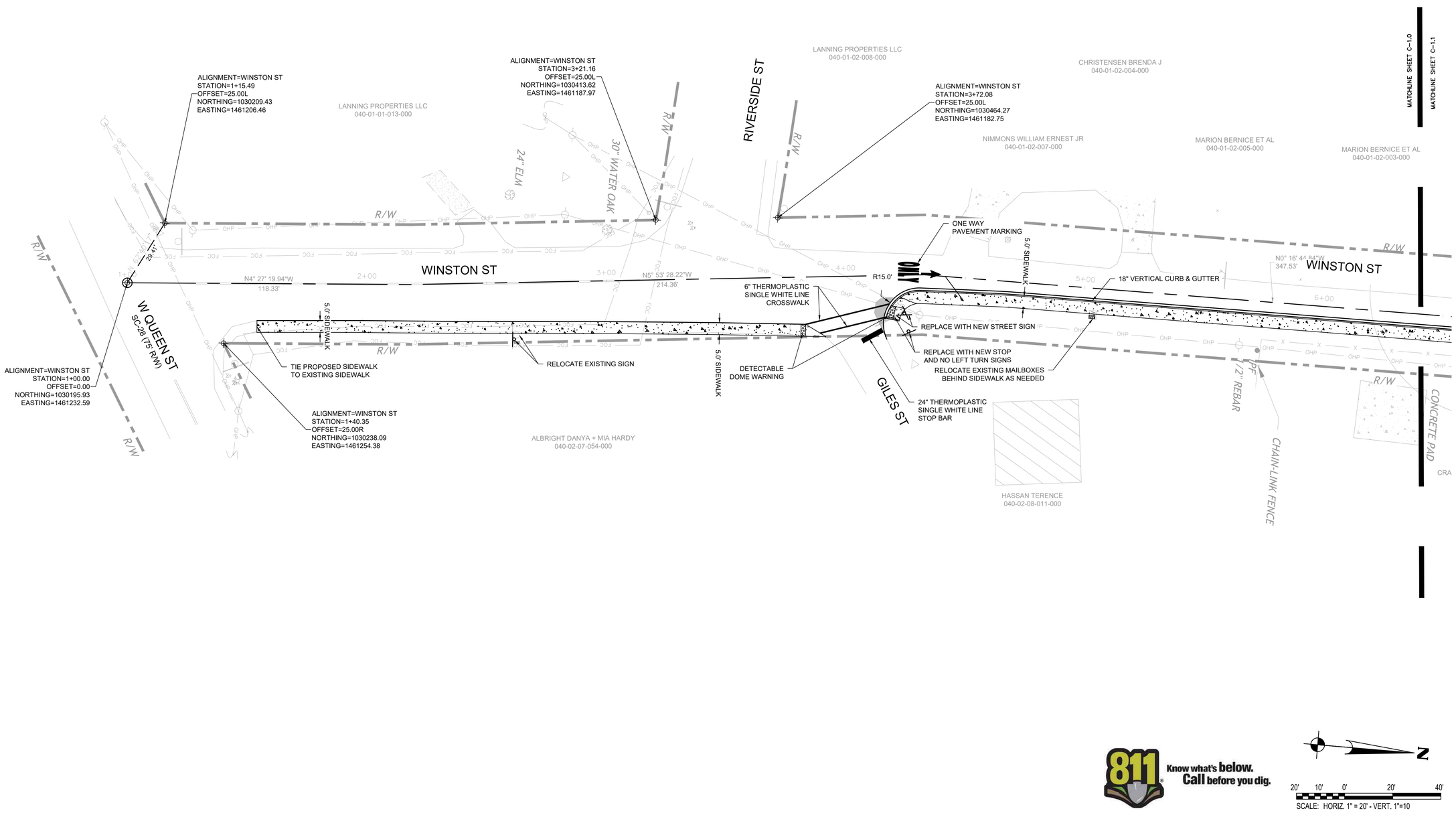
NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

SITE LEGEND

- EXISTING CONCRETE PAVEMENT
- NEW STANDARD DUTY ASPHALT (TYPE C)
- NEW CONCRETE

SIGNAGE & STRIPING NOTES:

1. ALL MARKINGS MUST BE THERMOPLASTIC.
2. CROSSWALK STRIPING SHALL BE 8" MINIMUM SOLID WHITE LINES.
3. STOP BARS SHALL BE 24" SOLID WHITE LINES.
4. ALL SIGNS TO BE INSTALLED ON BREAKAWAY POSTS.



811 Know what's below. Call before you dig.

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NOAH DAVID WEIGLE No. 22201

SITE PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.0

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Site Plan.dwg
PLOTTED: Jan 30, 2024 - 10:48pm

This drawing is and shall remain the property of Goodwyn, Mills and Cawood, Inc. (GMC) and Goodwyn Mills Cawood LLC (GMC). Unauthorized use of any kind including use on other projects is prohibited. In the event that a conflict arises between the sealed drawings and the electronic files, the sealed drawings will govern.

NOTES

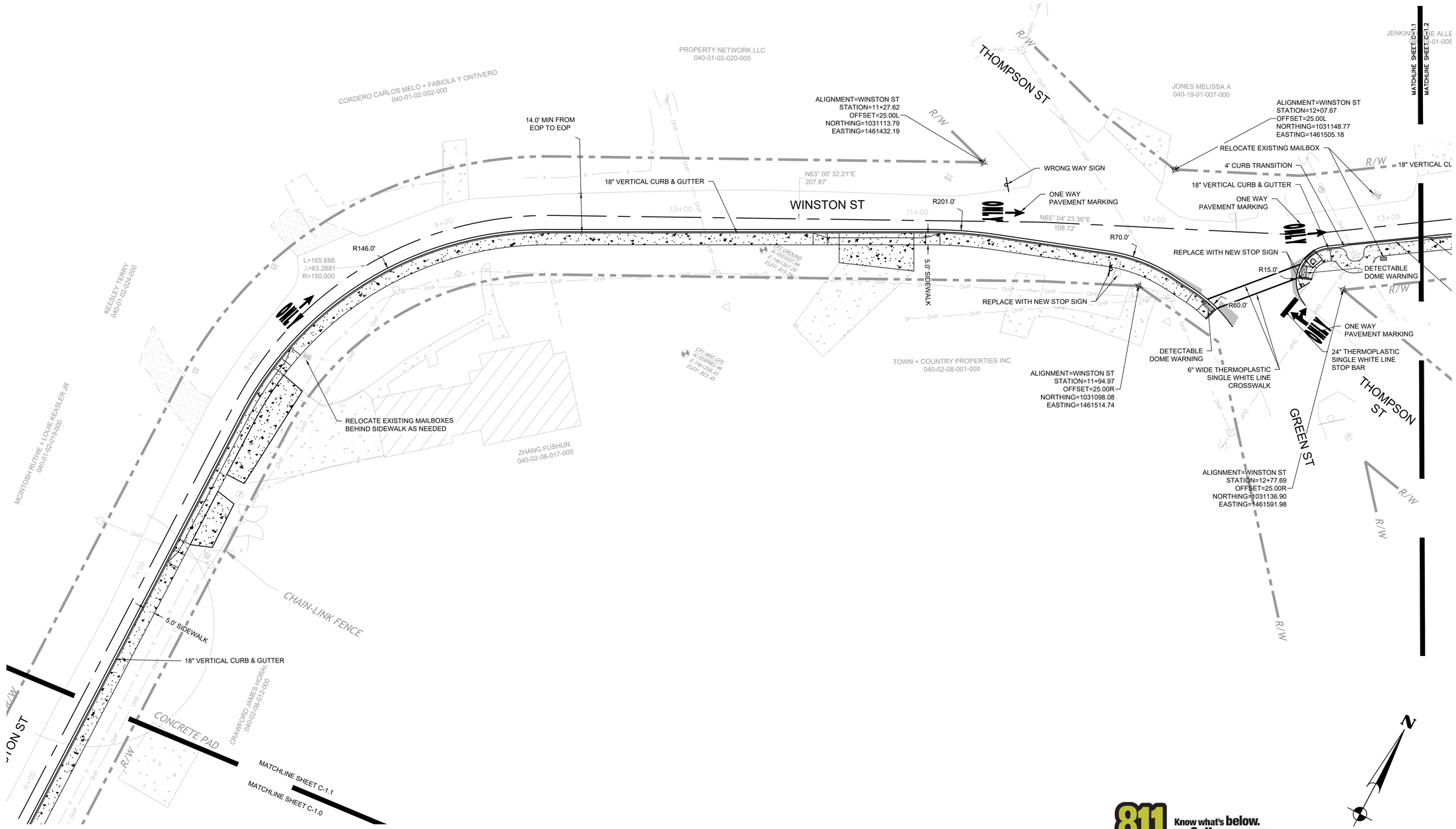
1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
4. ALL ISLANDS WITH CURB & GUTTER SHALL BE LANDSCAPED. THOSE ISLANDS ARE TO HAVE 18" CURB & GUTTER.
5. ALL CURBED RADII ARE TO BE 4' UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
7. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
9. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
10. ALL BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN WAS TAKEN FROM A SURVEY BY RIDGEWATER, DATED 8/17/2023.
11. THIS PROPERTY DOES NOT LIE IN A 100-YEAR FLOODPLAIN OR IN AN IDENTIFIED "FLOOD PRONE AREA", AS DEFINED PURSUANT TO THE FLOOD DISASTER PROTECTION ACT OF 1973, AS AMENDED, AS REFLECTED BY FLOOD INSURANCE RATE MAP PANEL 45007C0093E, DATED 09/29/2011.

NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

SITE LEGEND

- EXISTING CONCRETE PAVEMENT
- NEW STANDARD DUTY ASPHALT (TYPE C)
- NEW CONCRETE

SIGNAGE & STRIPING NOTES:
1. ALL MARKINGS MUST BE THERMOPLASTIC.
2. CROSSWALK STRIPING SHALL BE 8" MINIMUM SOLID WHITE LINES.
3. STOP BARS SHALL BE 24" SOLID WHITE LINES.
4. ALL SIGNS TO BE INSTALLED ON BREAKAWAY POSTS.



811 Know what's below. Call before you dig.

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA PROFESSIONAL ENGINEER NOLLY WILLIAMS GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORITY

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 32220 REGISTERED PROFESSIONAL ENGINEER

SITE PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-3.1

This drawing is and shall remain the property of Goodwyn, Mills and Cawood, Inc. (GMC) and Goodwyn Mills Cawood LLC (GMC). Unauthorized use of any kind including use on other projects is prohibited. In the event that a conflict arises between the sealed drawings and the electronic files, the sealed drawings will govern.

DRAWING FILE: T:\1 Projects\GC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Site Plan.dwg
PLOTTED: Jan 30, 2025 - 10:45pm

NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
4. ALL ISLANDS WITH CURB & GUTTER SHALL BE LANDSCAPED. THOSE ISLANDS ARE TO HAVE 18" CURB & GUTTER.
5. ALL CURBED RADII ARE TO BE 4' UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
7. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
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9. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
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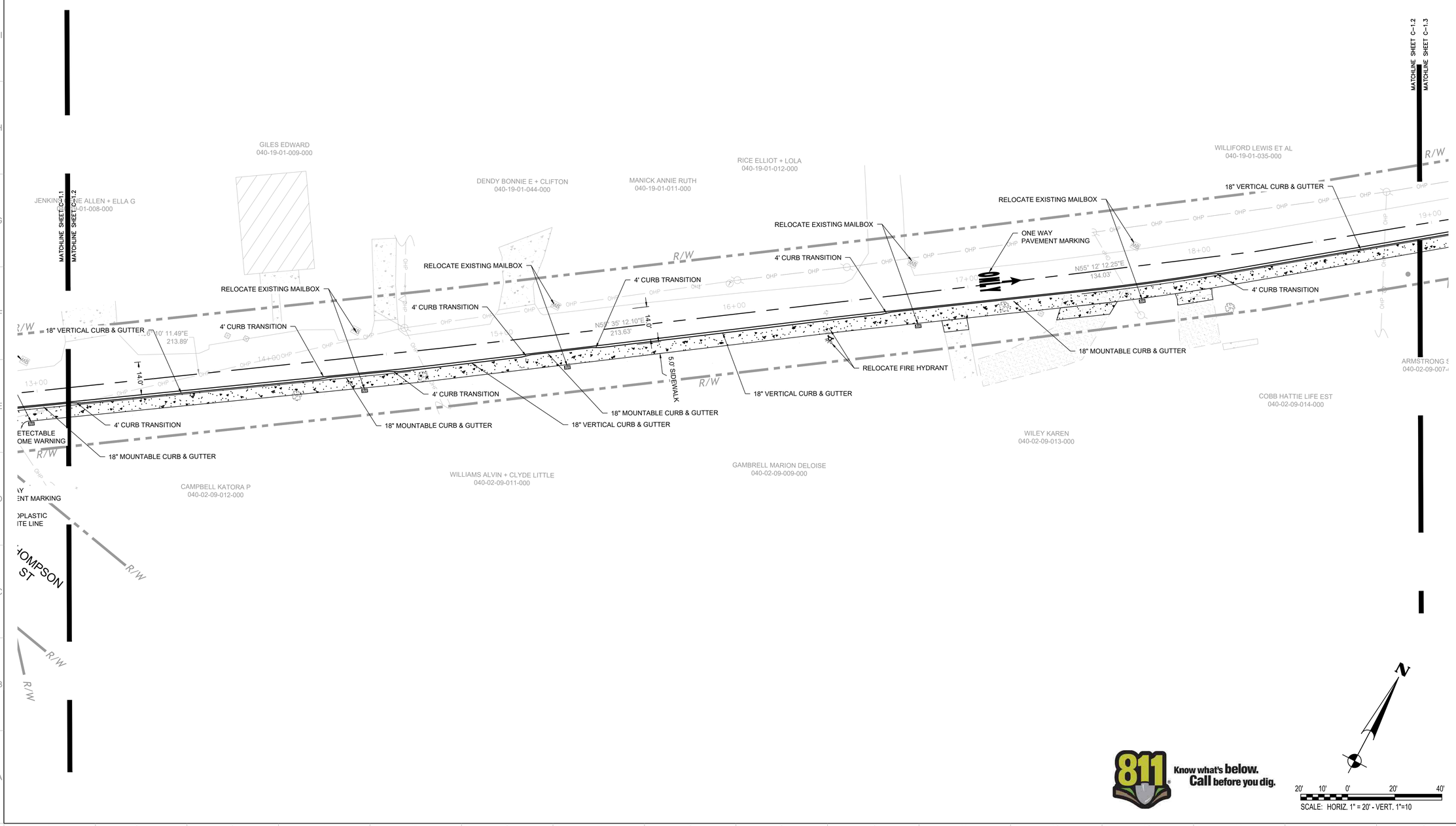
NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

SITE LEGEND

- EXISTING CONCRETE PAVEMENT
- NEW STANDARD DUTY ASPHALT (TYPE C)
- NEW CONCRETE

SIGNAGE & STRIPING NOTES:
1. ALL MARKINGS MUST BE THERMOPLASTIC.
2. CROSSWALK STRIPING SHALL BE 8" MINIMUM SOLID WHITE LINES.
3. STOP BARS SHALL BE 24" SOLID WHITE LINES.
4. ALL SIGNS TO BE INSTALLED ON BREAKAWAY POSTS.



SCALE: HORIZ. 1" = 20' - VERT. 1"=10

Know what's below. Call before you dig.

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER

SITE PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.2

This drawing is and shall remain the property of Goodwyn, Mills and Cawood, Inc. (GMC) and Goodwyn Mills Cawood LLC (GMC). Unauthorized use of any kind including use on other projects is prohibited. In the event that a conflict arises between the sealed drawings and the electronic files, the sealed drawings will govern.

DRAWING FILE: T:\Projects\GC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Site Plan.dwg
PLOTTED: Jan 30, 2025 - 10:49pm

NOTES

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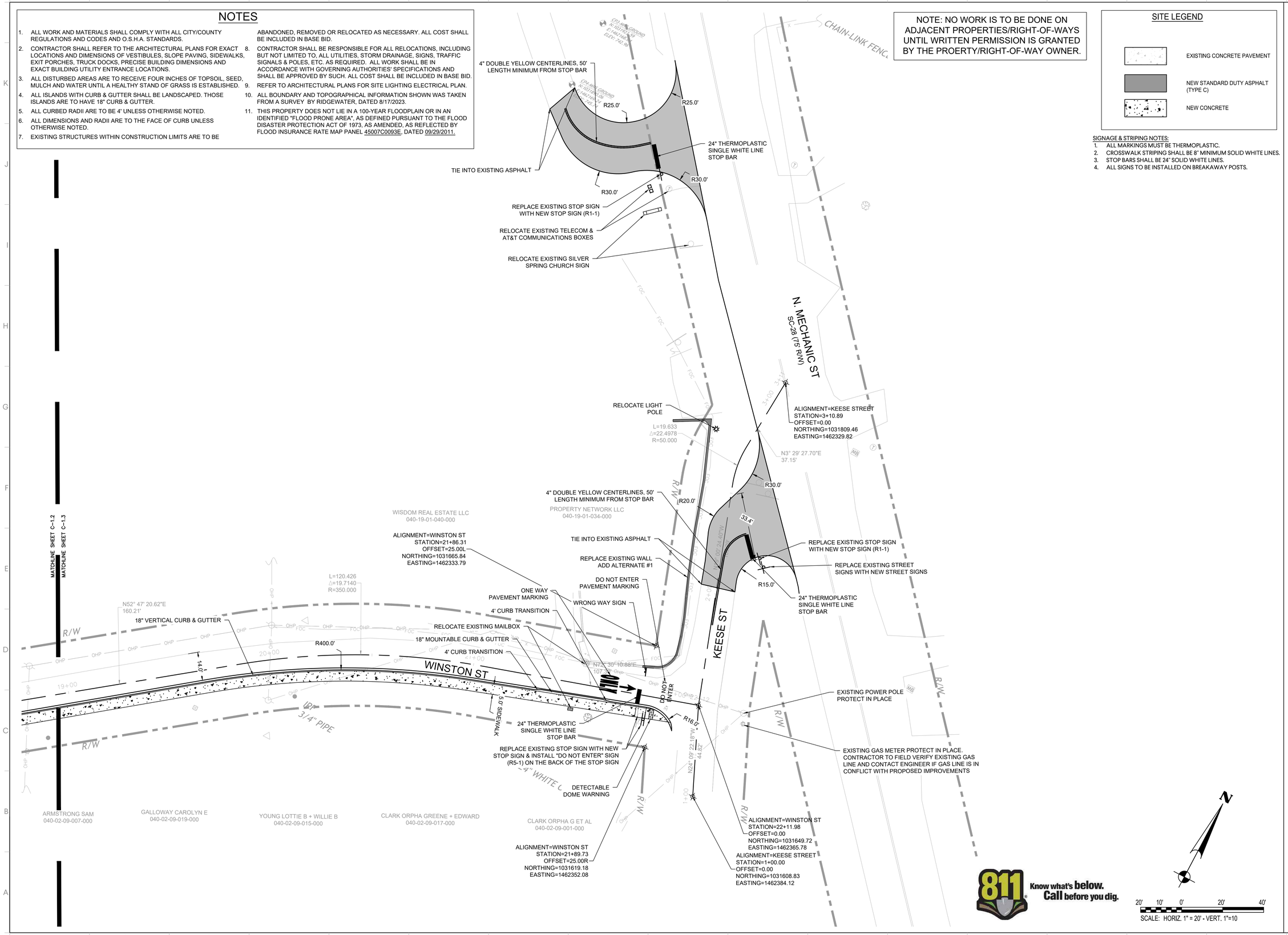
NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

SITE LEGEND

- EXISTING CONCRETE PAVEMENT
- NEW STANDARD DUTY ASPHALT (TYPE C)
- NEW CONCRETE

SIGNAGE & STRIPING NOTES:
1. ALL MARKINGS MUST BE THERMOPLASTIC.
2. CROSSWALK STRIPING SHALL BE 8" MINIMUM SOLID WHITE LINES.
3. STOP BARS SHALL BE 24" SOLID WHITE LINES.
4. ALL SIGNS TO BE INSTALLED ON BREAKAWAY POSTS.



GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042201 ENGINEER

SITE PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.3

DRAWING FILE T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Site Plan.dwg
PLOTTED: Jan 30, 2025 - 10:49pm

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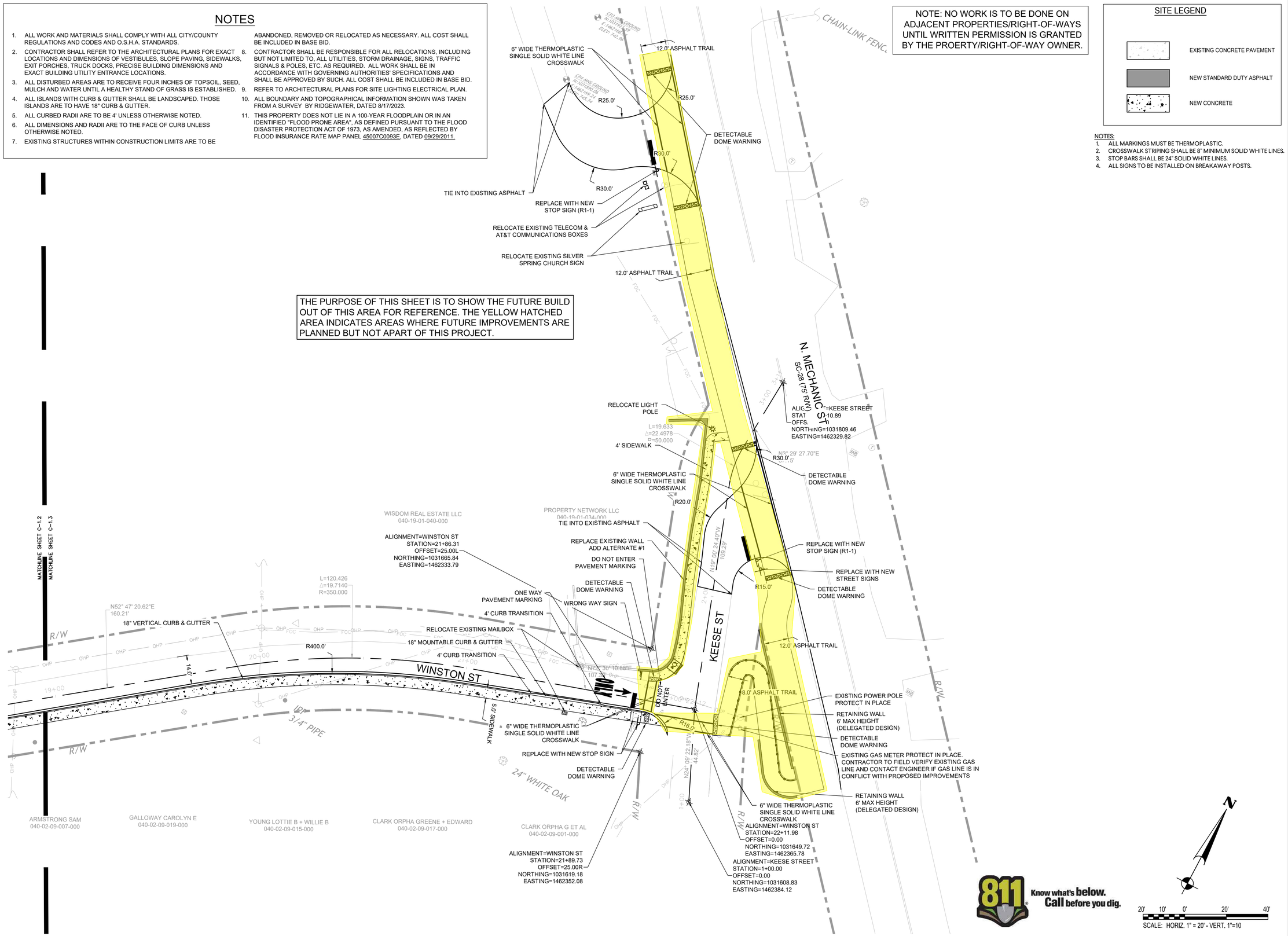
NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.

SITE LEGEND

- EXISTING CONCRETE PAVEMENT
- NEW STANDARD DUTY ASPHALT
- NEW CONCRETE

NOTES:
1. ALL MARKINGS MUST BE THERMOPLASTIC.
2. CROSSWALK STRIPING SHALL BE 8" MINIMUM SOLID WHITE LINES.
3. STOP BARS SHALL BE 24" SOLID WHITE LINES.
4. ALL SIGNS TO BE INSTALLED ON BREAKAWAY POSTS.

THE PURPOSE OF THIS SHEET IS TO SHOW THE FUTURE BUILD OUT OF THIS AREA FOR REFERENCE. THE YELLOW HATCHED AREA INDICATES AREAS WHERE FUTURE IMPROVEMENTS ARE PLANNED BUT NOT APART OF THIS PROJECT.



GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 22015 STATE OF SOUTH CAROLINA

SITE PLAN (FUTURE IMPROVEMENTS)

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.4

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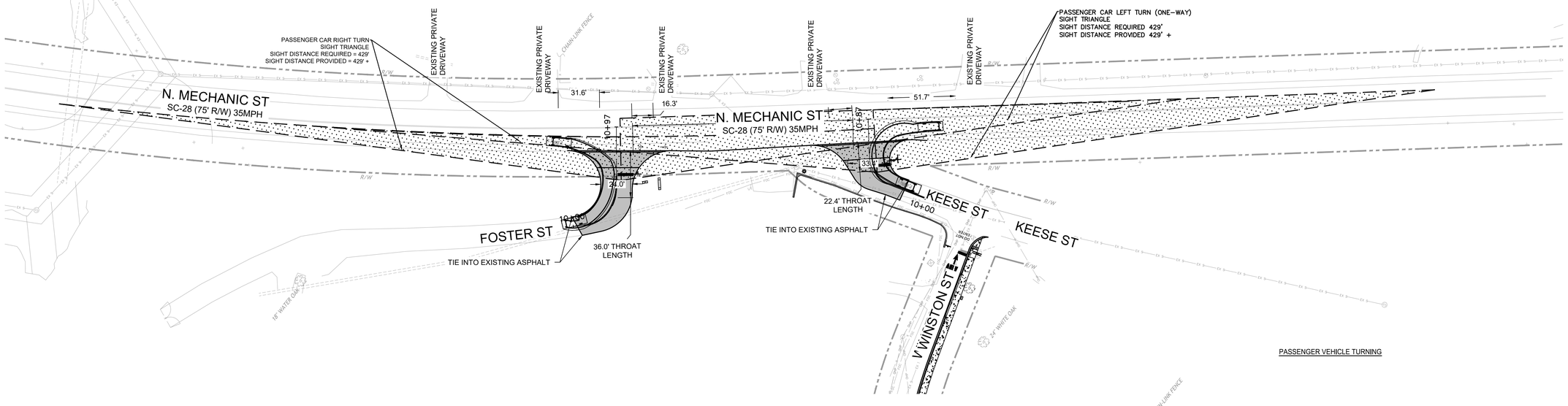
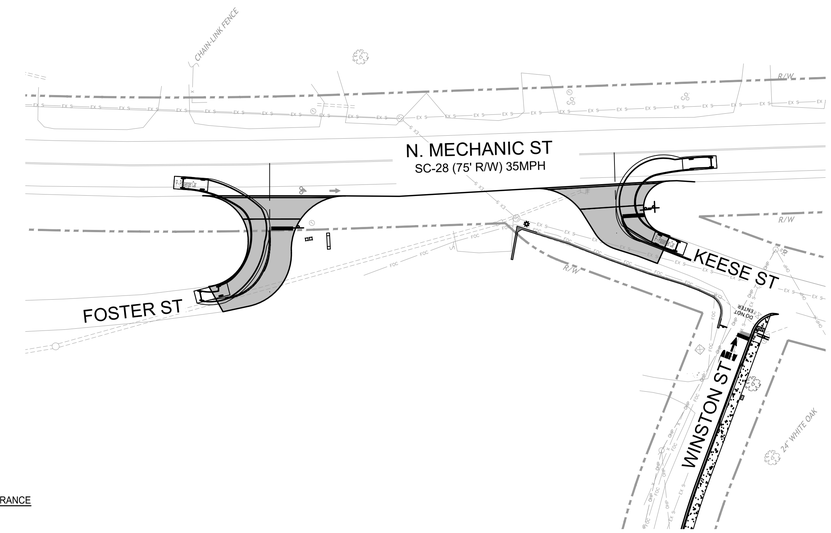
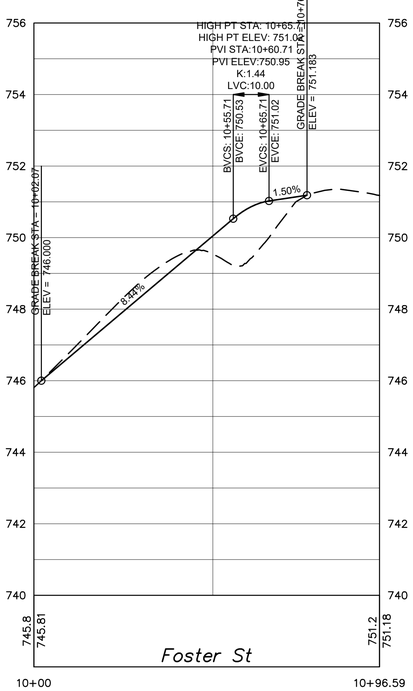
DRAWING FILE: T:\1 Projects\GC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Site Plan - Future Improvements.dwg
PLOTTED: Jan 30, 2025 - 10:49pm

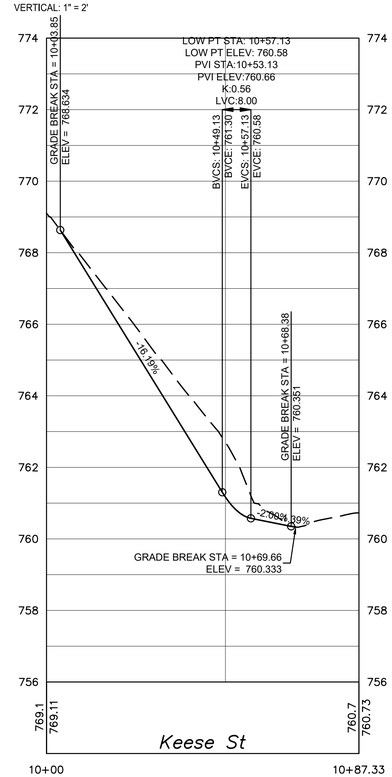


PASSENGER VEHICLE TURNING



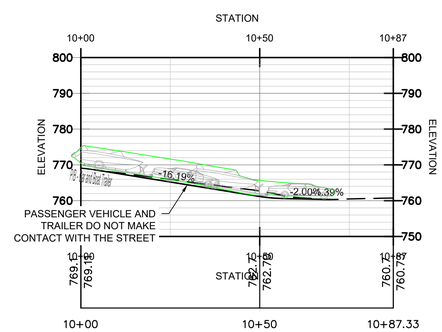
PROFILE SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 2'





PASSENGER VEHICLE (WITH TRAILER) CLEARANCE

PROFILE SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 20'



811 Know what's below. Call before you dig.

N

SCALE: HORIZ. 1" = 40'

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORITY

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22015 NOLAN D. WIGGINS

SIGHT DISTANCE PLAN & DRIVEWAY PROFILES

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-3.5

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DRAWING FILE T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Sight Distance & Driveway Profile.dwg
PLOTTED: Jan 30, 2026 - 10:49pm

REFERENCES

NATIONAL DOCUMENTS

SCDOT DOCUMENTS

RELATED DRAWINGS & KEYWORDS
150-205-00, 720-905-02

PRECONSTRUCTION SUPPORT ENGINEER

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 21242 JAMES W. KENDALL, JR.

SIGNATURE

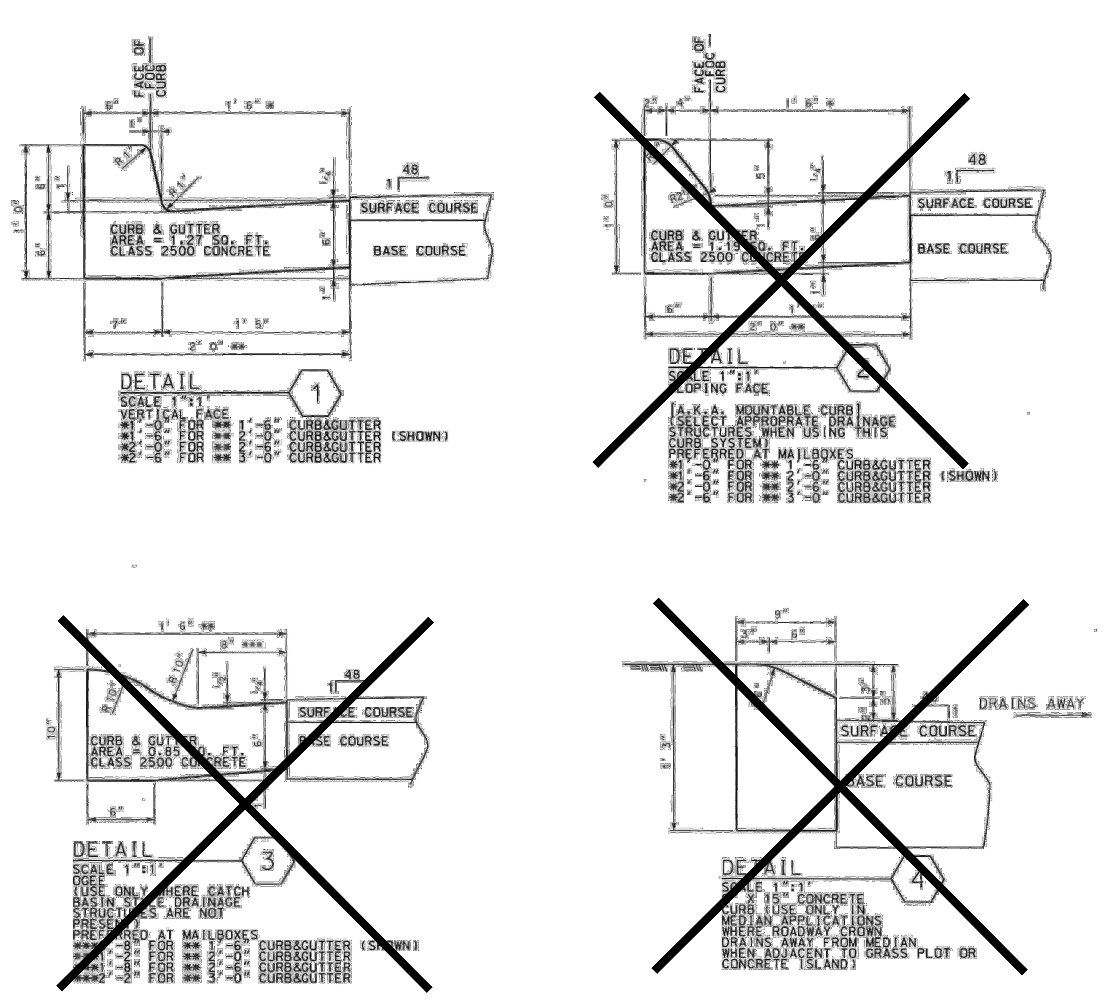
AUGUST 23, 2012
DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1	8/2012	DSO	REMOVED DETAIL 5
0	3/2009	DSO	GENERAL REVISIONS

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
CURB & GUTTER (CONCRETE)

720-105-01
EFFECTIVE LETTING DATE JAN. 2013



NOTES:
1. USE CONCRETE CURB AND GUTTER WITH VERTICAL FACE UNLESS OTHERWISE NOTED.
2. USE MINIMUM CLASS 2500 CONCRETE.
3. USE 3' TRANSITION AT END OF RADII ON INTERSECTING STREETS AND WHERE CURB IS 6 FEET OR GREATER FROM MAINLINE TRAVEL LANE.
4. USE 10' TRANSITION WHERE CURB IS LESS THAN 6 FEET FROM MAINLINE TRAVEL LANE.
5. INCLUDE COST OF WORK TO CONSTRUCT TRANSITIONS IN THE COST PER LF OF CURB AND GUTTER.
6. DEVELOP GUTTER SLOPE ON HIGH SIDE OF SUPERELEVATION AS SHOWN ON STANDARD DRAWING 150-205-00. EXCEPT ON OGEE CURB & GUTTER.
7. USE DETECTABLE WARNINGS AS REQUIRED ON STANDARD DRAWINGS 720-905-XX.
8. WHEN MAILBOXES ARE PRESENT, USE APPROPRIATE CURB TYPE. INSTALL MAILBOXES BEHIND CURB OR SIDEWALK AS SHOWN ON STANDARD DRAWING 203-905-00.
9. PAY ITEMS (MAY NOT BE COMPLETE LIST OF PAY ITEMS):

FOR CURB & GUTTER

7203110	CONCRETE CURB AND GUTTER (1'-6") VERTICAL FACE	LF
7203210	CONCRETE CURB AND GUTTER (2'-0") VERTICAL FACE	LF
7203240	CONCRETE CURB AND GUTTER (2'-6") VERTICAL FACE	LF
7203310	CONCRETE CURB AND GUTTER (3'-0") VERTICAL FACE	LF
7203120	CONCRETE CURB AND GUTTER (1'-6") SLOPING FACE	LF
7203220	CONCRETE CURB AND GUTTER (2'-0") SLOPING FACE	LF
7203245	CONCRETE CURB AND GUTTER (2'-6") SLOPING FACE	LF
7203320	CONCRETE CURB AND GUTTER (3'-0") SLOPING FACE	LF
7203130	CONCRETE CURB AND GUTTER (1'-6") OGEE	LF
7203230	CONCRETE CURB AND GUTTER (2'-0") OGEE	LF
7203265	CONCRETE CURB AND GUTTER (2'-6") OGEE	LF
7203330	CONCRETE CURB AND GUTTER (3'-0") OGEE	LF

FOR CURB ONLY

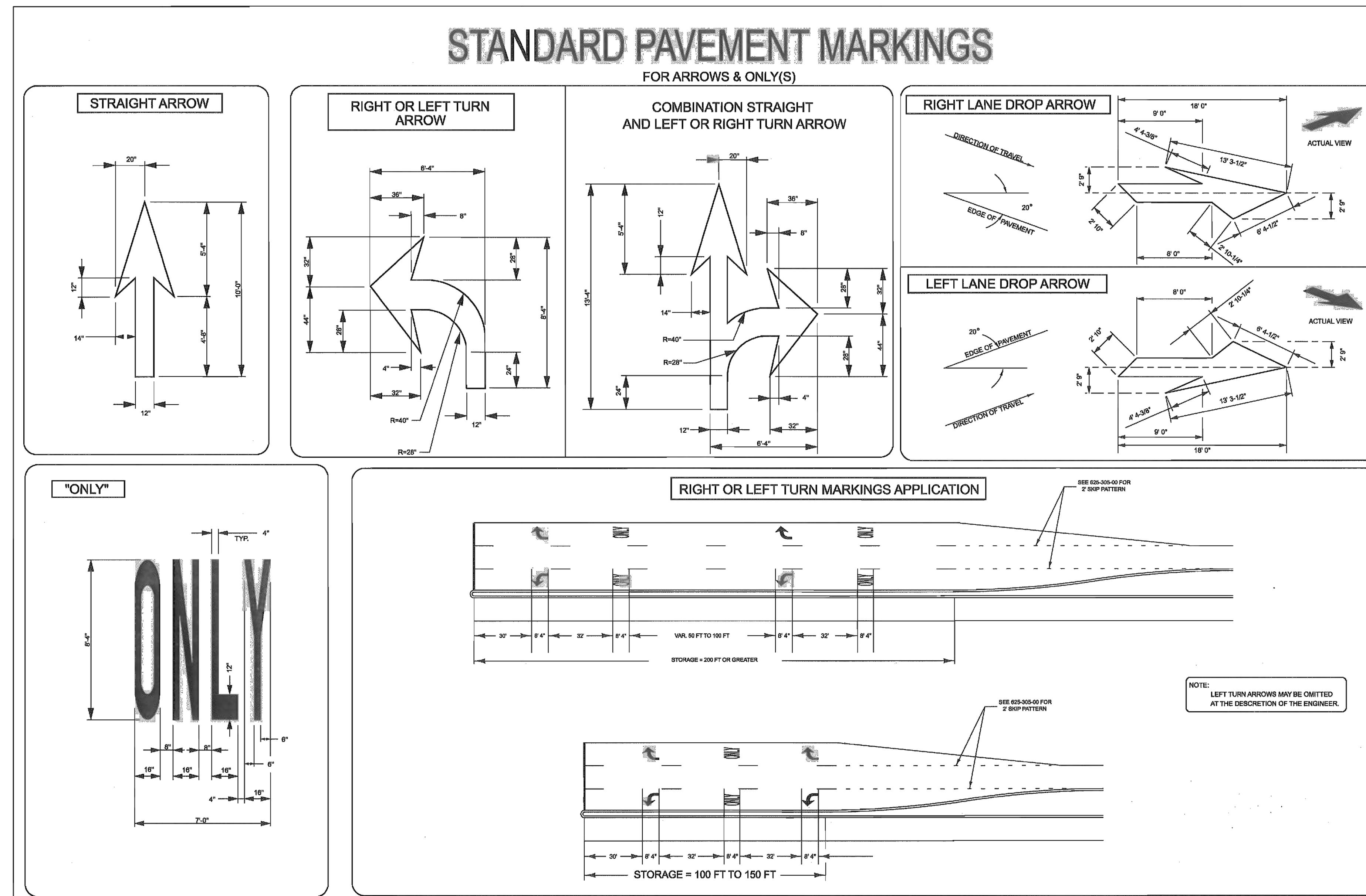
7201000	CONCRETE CURB (9"x 15")	LF

FOR CONCRETE MEDIAN

7206000	CONCRETE MEDIAN	SY
7206100	CONCRETE MEDIAN OVERLAY	SY

STANDARD PAVEMENT MARKINGS

FOR ARROWS & ONLY(S)



THIS DRAWING IS NOT TO SCALE

REFERENCES

SIGNING AND MARKING ENGINEER

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 23845 MARK H. ANTHONY

SIGNATURE

1-20-09
DATE

#	DATE	CHK	DESCRIPTION
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SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
FOR ARROWS & ONLY(S)

625-410-00
EFFECTIVE LETTING DATE MAY 2009

REFERENCES

NATIONAL DOCUMENTS

SCDOT DOCUMENTS

RELATED DRAWINGS & KEYWORDS

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 21242 JAMES W. KENDALL, JR.

SIGNATURE

10/30/2015
DATE

#	DATE	CHK	DESCRIPTION
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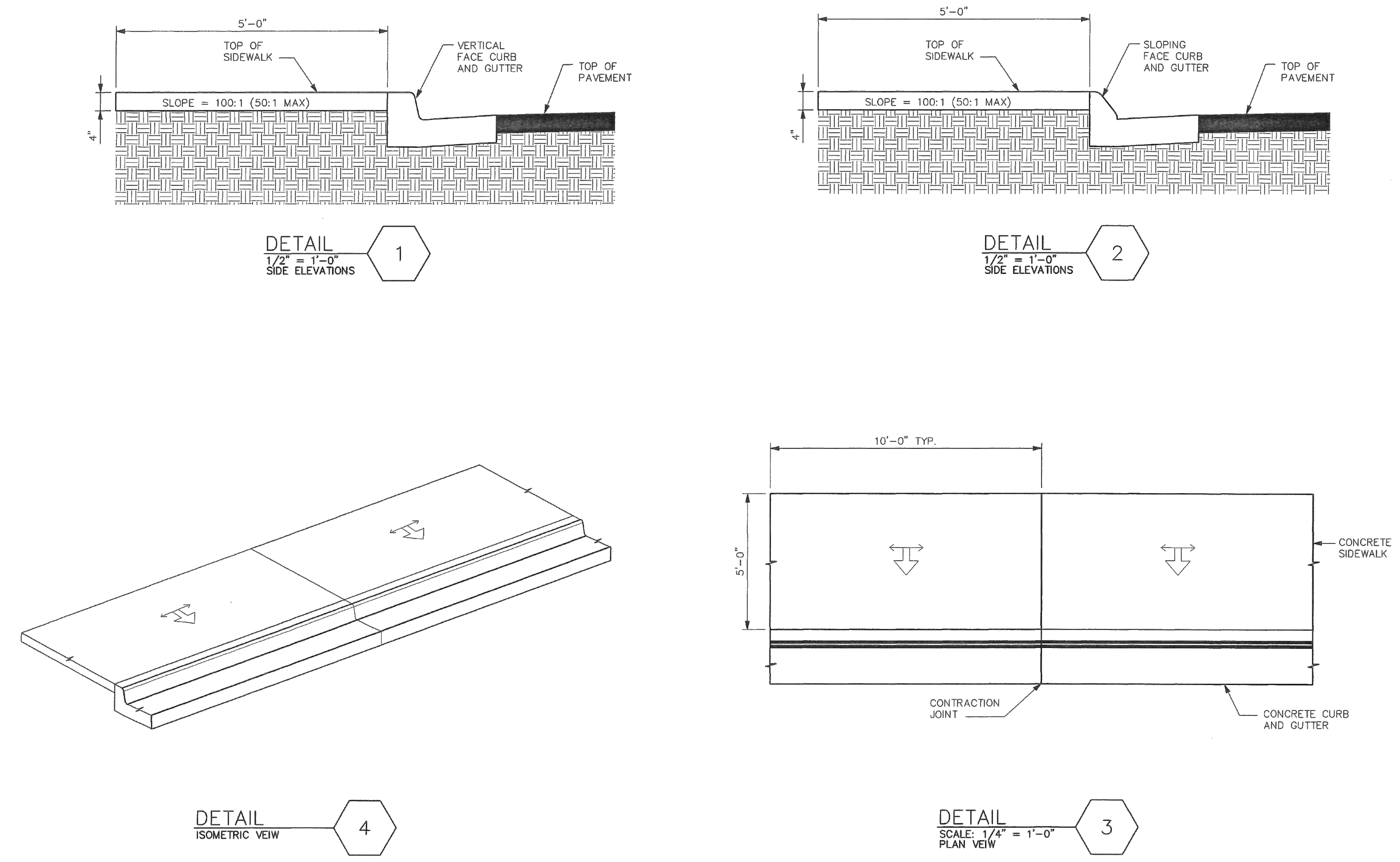
0	1/2016	DSO	NEW DRAWING

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
SIDEWALK ADJACENT TO CURB

720-150-00
EFFECTIVE LETTING DATE JAN., 2016

NOTES:
1 SEE DRAWING 720-105-01 FOR STANDARD CURB AND GUTTER DETAILS.
2 SEE DRAWING 720-901-03 FOR SYMBOLS AND CONSTRUCTION TOLERANCE.
3 PLACE TRANSVERSE EXPANSION JOINTS (FULL DEPTH ACROSS THE ENTIRE SIDEWALK WIDTH) WHEN NEAR TURNS IN THE SIDEWALK, AND IN LONG CONTINUOUS RUNS OF SIDEWALK AS DIRECTED IN THE STANDARD SPECIFICATIONS.
4 PLACE EXPANSION JOINTS BETWEEN THE SIDEWALK EDGE AND THE BACK OF CURB WHEN ALONG A RADIUS LESS THAN 100'.
5 PLACE EXPANSION JOINTS BETWEEN THE SIDEWALK EDGE AND ANY ADJACENT STRUCTURE (RETAINING WALLS, BUILDINGS, ETC.)
6 PLACE CONTRACTION JOINTS AT REGULAR INTERVALS BETWEEN EXPANSION JOINTS NOT TO EXCEED STANDARD SPECIFICATION SPACING.
7 MEASURE SIDEWALK IN SQUARE YARDS BY THE ACTUAL PLACED AREA OF CONCRETE UP TO THE ADJACENT PAY ITEM LIMITS (CURBS, PEDESTRIAN RAMPS, DRIVEWAYS, ETC.).



REFERENCES

NATIONAL DOCUMENTS

SCDOT DOCUMENTS
QPL 61

RELATED DRAWINGS & KEYWORDS

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 21242 JAMES W. KENDALL, JR.

SIGNATURE

12/10/2014
DATE

#	DATE	CHK	DESCRIPTION
6	---	---	---
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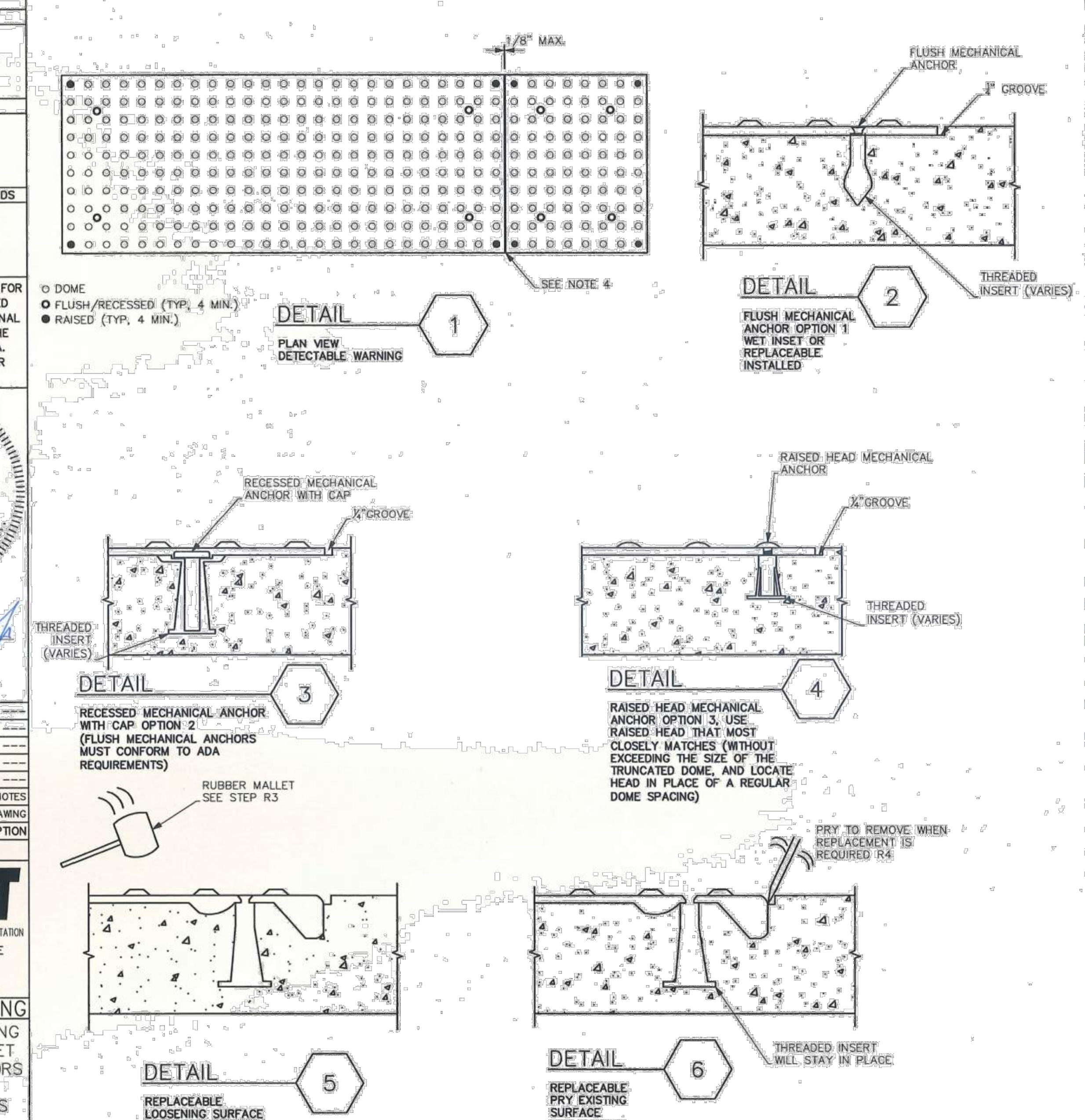
3	---	---	---
2	---	---	---
1	12/2014	JMG	MODIFIED NOTES
0	8/2012	DSO	NEW DRAWING

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING
DETECTABLE WARNING MATERIAL WET INSET MECHANICAL ANCHORS & THREADED INSERTS

720-910-01
EFFECTIVE LETTING DATE FEBRUARY, 2015



INSTALLATION NOTES:

1. SEE SHEETS 720-901-XX FOR GENERAL NOTES. USE WET INSET STYLE DETECTABLE WARNINGS LISTED ON SCDOT QUALIFIED PRODUCT LIST 61 ONLY IN LOCATIONS WHERE NEW CONCRETE IS BEING POURED FOR RAMPS. DETAILS SHOWN MAY INCLUDE PROPRIETARY COMPONENTS, HOWEVER, ANY SYSTEM LISTED ON QPL61 AS WET INSET OR REPLACEABLE IS ACCEPTABLE FOR USE IN THESE CONDITIONS.

2. FOLLOW DETECTABLE WARNING MATERIAL MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THESE STANDARD DRAWINGS. WHERE CONFLICTS EXIST BETWEEN INSTALLATION PROCEDURES, PROVIDE A CERTIFICATION LETTER FROM THE MANUFACTURER STATING THE APPROPRIATE PROCEDURE(S) AND JUSTIFICATION THAT THE PROPOSED PROCEDURE WILL IMPROVE LONG TERM PERFORMANCE. NOTE TO RCE: SUBMIT A COPY OF THE CERTIFICATION LETTER TO THE DESIGN STANDARDS OFFICE SO THAT FUTURE DRAWINGS CAN MINIMIZE CONFLICTS.

3. HAVE ALL MATERIALS NEEDED TO COMPLETE INSTALLATION AVAILABLE BEFORE PLACING CONCRETE.

4. MINIMIZE THE USE OF FIELD CUT PIECES. UNLESS SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS, INSTALL ALL FIELD CUT EDGES ALONG ONLY ONE SIDE OF THE WARNING PATTERN. CUT WARNING MATERIAL TO MEET THE REQUIRED GEOMETRY OF THE RAMP WHILE MINIMIZING THE CUTTING OF DOMES.

5. ATTACH AND TIGHTEN AT LEAST FOUR (4) MECHANICAL ANCHORS WITH THREADED INSERTS INTO THE DETECTABLE WARNING MATERIAL. USE ADDITIONAL MECHANICAL ANCHORS AND THREADED INSERTS IF SPECIFIED BY THE MANUFACTURER OR REQUIRED BY THE ENGINEER.

6. CONSTRUCT LANDING AS SHOWN ON APPROPRIATE STANDARD DRAWING FOR THE RAMP STYLE SELECTED.

7. WORK PANELS DOWNWARD AS NECESSARY INTO THE LOCATION SHOWN.

8. EVENLY PRESS THE ASSEMBLED WARNING MATERIAL INTO THE CONCRETE UNTIL THE TILE IS FLUSH WITH THE CONCRETE SURFACE.

9. TAP USING A RUBBER MALLET TO REMOVE AIR POCKETS. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS TO REMOVE AIR POCKETS AROUND THREADED INSERTS AND UNDER WARNING MATERIAL. FINISHED PRODUCT SHOULD HAVE NO BUBBLES OR AIR POCKETS THAT MOVE WHEN STEPPED ON.

10. SCORE A ¼" DEEP AND WIDE GROOVE AROUND THE DETECTABLE WARNING.

11. APPLY WEIGHTS IF NECESSARY TO KEEP DETECTABLE WARNING FLUSH WITH TOP OF CONCRETE.

12. CLEAN SURFACE OF LOOSE CONCRETE AND DEBRIS. IF PRESENT, REMOVE PROTECTIVE COVERING FROM DETECTABLE WARNING MATERIAL.

REPLACEMENT NOTES:

R1. VERIFY THAT EXISTING WARNING MATERIAL IS A REPLACEABLE SYSTEM. IF EXISTING WARNING MATERIAL IS DAMAGED, ORDER REPLACEMENT MATS FROM SAME MANUFACTURER AS EXISTING INSTALLATION.

R2. EXPOSE FASTENERS AND REMOVE.

R3. TAP PERIMETER OF TILE WITH A RUBBER MALLET TO LOOSEN THE BOND OF DETECTABLE WARNING MATERIAL TO THE CONCRETE.

R4. PRY DETECTABLE WARNING MATERIAL FROM CONCRETE.

R5. REPAIR ANY DAMAGED CONCRETE. IF NEEDED, REMOVE AREA LARGE ENOUGH TO INSTALL A NEW REPLACEABLE DETECTABLE WARNING MATERIAL.

R6. VACUUM OR SWEEP ALL DEBRIS FORM CREVICES.

R7. CUT NEW DETECTABLE WARNING MATERIAL IF NEEDED TO MATCH EXISTING CUT.

R8. PLACE NEW DETECTABLE WARNING INTO EXISTING SPACE.

R9. INSERT REPLACEMENT ANCHORS AND HAND TIGHTEN. GENTLY APPLY PRESSURE TO SEAT TILE IN RECESS, FULLY TIGHTEN BOLTS.

R10. INSTALL BOLT COVERS IF APPLICABLE.

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx

PROJECT MANAGER: MGL
DESIGNER: NDW

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION GOODWYN MILLS CAWOOD, LLC No. 6481

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER

SITE DETAILS

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.6

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Details.dwg
PLOTTED: Jan 30, 2025 - 10:50pm

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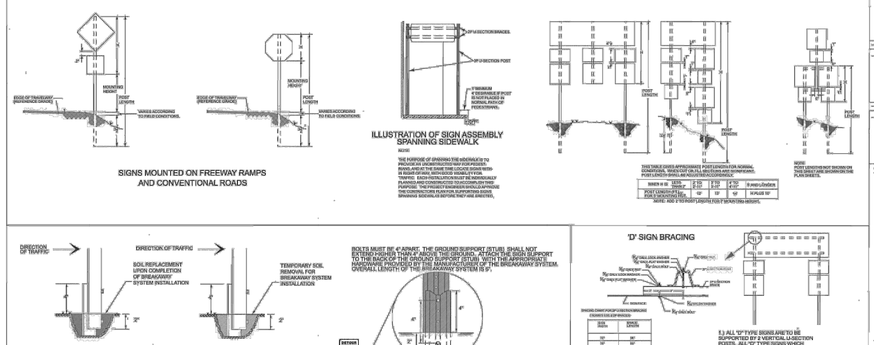
FLAT SHEET SIGN MOUNTING DETAILS



SIZE & LENGTH OF U-SECTION POSTS FOR SINGLE SIGNS

REFERENCES

SIGNING AND MARKING ENGINEER

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 23845 MARK H. ANTHONY

SIGNATURE 2-11-09 DATE

SCDOT — DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201

STANDARD DRAWING

FLAT SHEET MOUNTING DETAILS

651-110-00

EFFECTIVE LETTING DATE: MAY 2008

SOUTH CAROLINA STANDARD SIGNS

DETAILED DRAWIINGS FOR MOST SIGNS ARE CONTAINED IN THE STANDARD SIGNING BOOK. DETAILED DRAWINGS FOR ALL OTHER SIGNS ARE AVAILABLE FROM THE DIRECTOR OF TRAFFIC ENGINEERING.

REGULATORY SIGNS OVERHEAD APPLICATIONS (TYPE VIIOR IX REFLECTIVE SHEETING)

REGULATORY SIGNS (TYPE II REFLECTIVE SHEETING)

DESCRIPTION	SIZE	NUMBER	SIGN
BACKGROUND: RED-REFL. LEGEND & BORDER: WHITE	96"x120"	OI-R1-1-96	STOP
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30"x 36"	R3-1L-36	ONLY
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30"x 36"	R3-1R-36	ONLY
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30"x 36"	R3-5R-36	ONLY
SYMBOL: RED-REFL. LEGEND & BACKGROUND: WHITE-REFL.	30" x 36" 30" x 36" 48" x 60"	R5-1-36 R5-1-36 R5-1-48	DO NOT ENTER
BACKGROUND: RED-REFL. LEGEND & BORDER: WHITE-REFL.	30" x 36" 30" x 36" 48" x 60"	R5-2a-36 R5-2a-36 R5-2a-48	WRONG WAY
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30" x 36"	R5-1BR-36	WRONG WAY
BACKGROUND & LEGEND: BLACK BORDER: WHITE-REFL.	36" x 12" 24" x 12"	R6-1L-36 R6-1L-24	
BACKGROUND & LEGEND: BLACK BORDER: WHITE-REFL.	36" x 12" 24" x 12"	R6-1R-36 R6-1R-24	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	36" x 42"	R7-1B-36	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	18" x 42"	R7-1R1-36	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	48" x 30"	R11-2-48	ROAD CLOSED
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30" x 30"	R11-5-36	ROAD ENDS

DESCRIPTION	SIZE	NUMBER	SIGN
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30"	R16-1-24 R16-1-48	PRIVATE FIRE DEPARTMENT VEHICLES ALLOWED
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30"	R23-1-24 R23-1-48	STATE LAW REQUIRES YOUR SEAT BELT
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-9-24 R4-9-36 R4-9-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-7-24 R4-7-36 R4-7-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-8-24 R4-8-36 R4-8-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-3-24 R4-3-36 R4-3-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-5-24 R4-5-36 R4-5-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-2-24 R4-2-36 R4-2-48	PASS WITH CARE
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R4-6-24 R4-6-36 R4-6-48	PASSING ZONE AHEAD

DESCRIPTION	SIZE	NUMBER	SIGN
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R1-1-24 R1-1-36 R1-1-48	STOP
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	36"x36"x36" 48"x48"x48" 60"x60"x60"	R1-2-36 R1-2-48 R1-2-60	YIELD
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R2-1-24 R2-1-36 R2-1-48	50
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 30" 48" x 60"	R2-4a-24 R2-4a-36 R2-4a-48	45
BACKGROUND: WHITE-REFL. PROHIB. SYMBOL: RED-REFL. ARROW & BORDER: BLACK	24" x 24" 24" x 24" 48" x 48"	R3-1-24 R3-1-36 R3-1-48	
BACKGROUND: WHITE-REFL. PROHIB. SYMBOL: RED-REFL. ARROW & BORDER: BLACK	24" x 24" 24" x 24" 48" x 48"	R3-2-24 R3-2-36 R3-2-48	
BACKGROUND: WHITE-REFL. PROHIB. SYMBOL: RED-REFL. ARROW & BORDER: BLACK	24" x 24" 24" x 24" 48" x 48"	R3-3-24 R3-3-36 R3-3-48	
BACKGROUND: WHITE-REFL. PROHIB. SYMBOL: RED-REFL. ARROW & BORDER: BLACK	24" x 24" 24" x 24" 48" x 48"	R3-4-24 R3-4-36 R3-4-48	
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30" x 18"	R3-7L-36	LEFT LANE MUST TURN LEFT
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	30" x 30"	R3-7R-36	RIGHT LANE MUST TURN RIGHT
BACKGROUND: WHITE-REFL. LEGEND & BORDER: BLACK	24" x 30" 24" x 48" 48" x 60"	R4-1-24 R4-1-36 R4-1-48	DO NOT PASS

* LAST DIGITS DESIGNATE M.P.H.

REFERENCES

SIGNING AND MARKING ENGINEER

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 23845 MARK H. ANTHONY

SIGNATURE 2-11-09 DATE

SCDOT — DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201

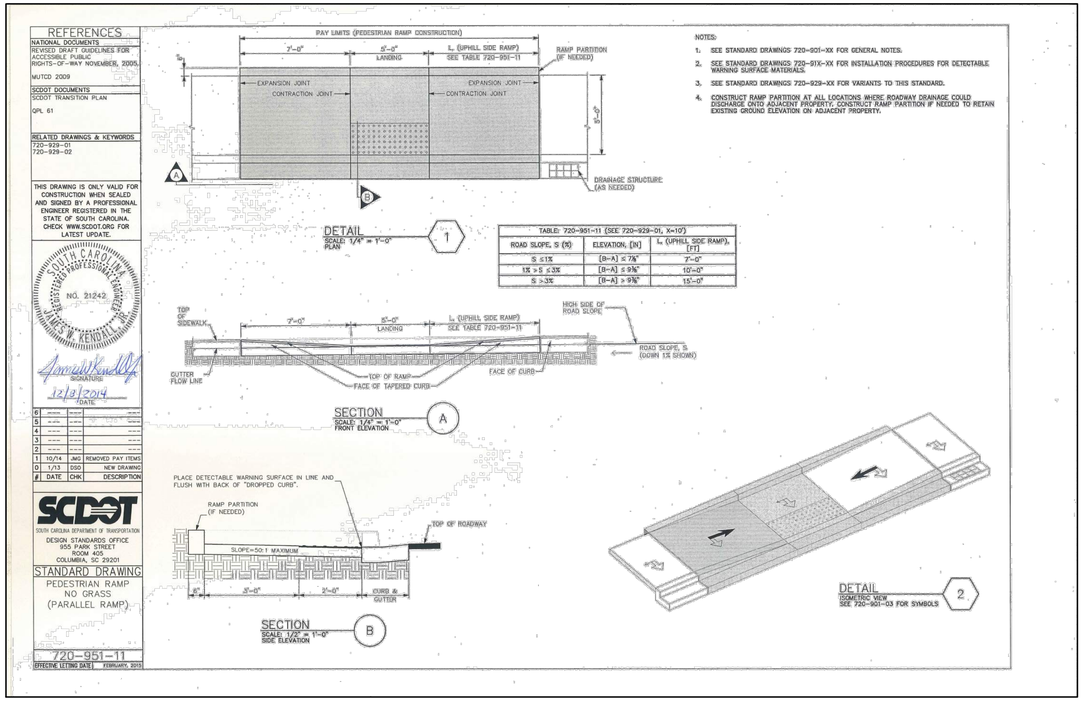
STANDARD DRAWING

STANDARD SIGNS

651-115-01

EFFECTIVE LETTING DATE: MAY 2008

THIS DRAWING IS NOT TO SCALE



NOTES:

1. SEE STANDARD DRAWINGS 720-901-XX FOR GENERAL NOTES.
2. SEE STANDARD DRAWINGS 720-91X-XX FOR INSTALLATION PROCEDURES FOR DETECTABLE WARNING SURFACE MATERIALS.
3. SEE STANDARD DRAWINGS 720-929-XX FOR VARIANTS TO THIS STANDARD.
4. CONSTRUCT RAMP PARTITION AT ALL LOCATIONS WHERE ROADWAY DRAINAGE COULD DISCHARGE ONTO ADJACENT PROPERTY. CONSTRUCT RAMP PARTITION IF NEEDED TO RETAIN EXISTING GROUND ELEVATION ON ADJACENT PROPERTY.

TABLE: 720-951-11 (SEE 720-929-01, X=10')		
ROAD SLOPE, S (%)	ELEVATION, [IN]	L_1 (UPHILL SIDE RAMP), [FT]
S ≤1%	[B-A] ≤ 7⅞"	7'-0"
1% > S ≤ 3%	[B-A] ≤ 9⅝"	10'-0"
S > 3%	[B-A] > 9⅝"	15'-0"

REFERENCES

NATIONAL DOCUMENTS: REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY NOVEMBER, 2005.

MUTCD 2009

SCDOT DOCUMENTS: SCDOT TRANSITION PLAN

QPL 61

RELATED DRAWINGS & KEYWORDS: 720-929-01, 720-929-02

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 21242 JAMES W. KENDALL

SIGNATURE 12/2/2014 DATE

#	DATE	CHK	DESCRIPTION
6	----	----	----
5	----	----	----
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1	10/14	JMG	REMOVED PAY ITEMS
0	1/13	DSO	NEW DRAWING

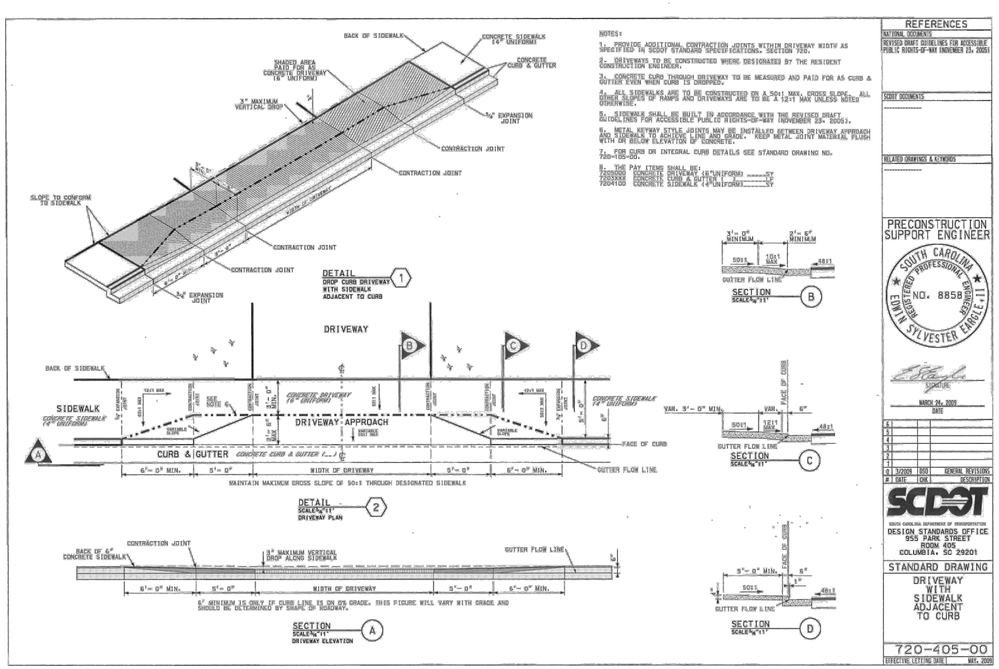
SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201

STANDARD DRAWING

PEDESTRIAN RAMP NO GRASS (PARALLEL RAMP)

720-951-11

EFFECTIVE LETTING DATE: FEBRUARY, 2013



NOTES:

1. PROVIDE ADDITIONAL CONTRACTION JOINTS WITHIN DRIVEWAY WIDTH AS SPECIFIED IN SCDOT STANDARD SPECIFICATIONS. SECTION 720.
2. DRIVEWAYS TO BE CONSTRUCTED WHERE DESIGNATED BY THE RESIDENT CONSTRUCTION ENGINEER.
3. CONCRETE CURB THROUGH DRIVEWAY TO BE MEASURED AND PAID FOR AS CURB & GUTTER EVEN WHEN CURB IS OMITTED.
4. ALL SIDEWALKS ARE TO BE CONSTRUCTED ON A 50:1 MAX. CROSS SLOPE. ALL OTHER SLOPES OF RAMPS AND DRIVEWAYS ARE TO BE A 12:1 MAX UNLESS NOTED OTHERWISE.
5. SIDEWALK SHALL BE BUILT IN ACCORDANCE WITH THE REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY (NOVEMBER 23, 2005).
6. METAL KEYWAY STYLE JOINTS MAY BE INSTALLED BETWEEN DRIVEWAY APPROACH AND SIDEWALK TO ACCENTUAL LINE AND GRADE. "REED" METAL JOINT VERTICAL PLUSH WITH OR BELOW ELEVATION OF CONCRETE.
7. FOR CURB OR INTEGRAL CURB DETAILS SEE STANDARD DRAWING NO. 720-105-02.
8. THE PAY ITEMS SHALL BE:
   720000 CONCRETE DRIVEWAY (6"UNIFORM) ____SY
   720000A2 CONCRETE CURB & GUTTER ____LF
   720001D0 CONCRETE SIDEWALK (4"UNIFORM) ____SY

REFERENCES

NATIONAL DOCUMENTS: REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY (NOVEMBER 23, 2005)

SCDOT DOCUMENTS

RELATED DRAWINGS & KEYWORDS

PRECONSTRUCTION SUPPORT ENGINEER

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 8858 WILLIAM SYLVESTER CARGILE, III

SIGNATURE MARCH 26, 2009 DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0	3/2009	DSO	GENERAL REVISIONS

SCDOT — SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS OFFICE, 955 PARK STREET, ROOM 405, COLUMBIA, SC 29201

STANDARD DRAWING

DRIVEWAY WITH SIDEWALK ADJACENT TO CURB

720-405-00

EFFECTIVE LETTING DATE: MAY, 2009

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:

TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx

PROJECT MANAGER: MGL
DESIGNER: NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 22507 JAMES W. KENDALL

SITE DETAILS

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-3.7

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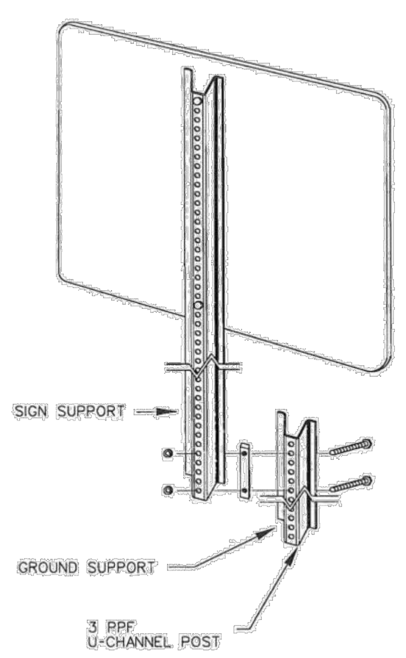
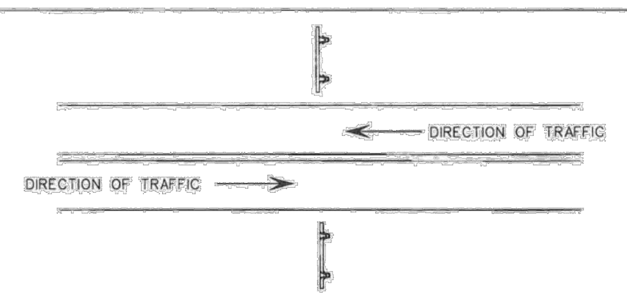
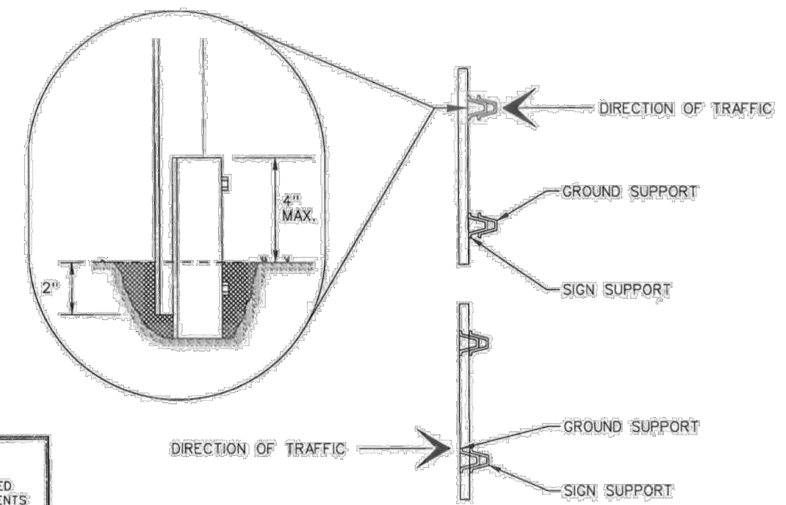
DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Details.dwg
PLOTTED: Jan 30, 2025 - 10:00pm

REFERENCES





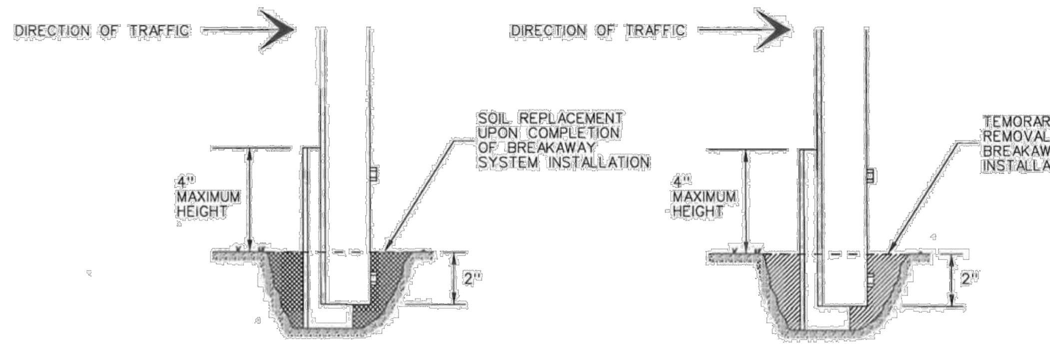


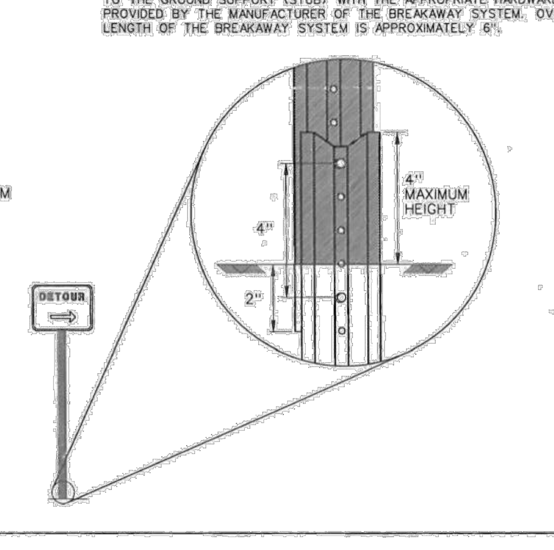
GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES, INCLUDING BREAKAWAY SYSTEMS FOR GROUND MOUNTED U-CHANNEL SIGN SUPPORTS, SHALL COMPLY WITH ALL NCHRP REPORT 350 REQUIREMENTS AND SHALL REQUIRE APPROVAL BY THE DEPARTMENT. ONLY THOSE TRAFFIC CONTROL DEVICES INCLUDED ON THE "APPROVED PRODUCTS LIST FOR TRAFFIC CONTROL DEVICES IN WORK ZONES" ARE CONSIDERED ACCEPTABLE FOR USE. THIS LIST MAY BE ACCESSED ON THE DEPARTMENT'S WEB SITE AT: www.scdot.org .
2. ALL BREAKAWAY SYSTEMS FOR GROUND MOUNTED U-CHANNEL SIGN SUPPORTS SHALL COMPLY WITH THE AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARES AND TRAFFIC SIGNALS", LATEST EDITION INCLUDING THE LATEST INTERIM REVISIONS, IN ACCORDANCE WITH THE REQUIREMENTS OF NCHRP REPORT 350.
3. ALL BREAKAWAY SYSTEM HARDWARE, INCLUDING BOLTS, NUTS, WASHERS AND SPACERS, ILLUSTRATED ON THIS TYPICAL TRAFFIC CONTROL STANDARD DRAWING ARE TYPICAL AND MAY VARY IN SIZE, NUMBER, CONFIGURATION AND OVERALL DESIGN IN ACCORDANCE WITH EACH MANUFACTURER'S SPECIFIC DESIGN.
4. THESE ILLUSTRATIONS ARE INTENDED FOR INFORMATION ONLY. SIMILARITY BETWEEN THESE ILLUSTRATIONS AND ANY SPECIFIC DEVICE OR SYSTEM IS COINCIDENTAL AND IS NOT INTENDED AS EITHER A RECOMMENDATION OR AN ENDORSEMENT OF A SPECIFIC DEVICE OR DESIGN.

INSTALL THE BREAKAWAY SYSTEM TO FUNCTION IN ACCORDANCE WITH THE DIRECTION OF TRAFFIC IN THE ADJACENT TRAVEL LANE. ATTACH THE SIGN SUPPORT TO THE SIDE OF THE GROUND SUPPORT (STUB) THAT WILL LOCATE THE GROUND SUPPORT (STUB) BETWEEN THE SIGN SUPPORT AND THE APPROACHING TRAFFIC IN THE ADJACENT TRAVEL LANE.

BOLTS MUST BE 4" APART. THE GROUND SUPPORT (STUB) SHALL NOT EXTEND HIGHER THAN 4" ABOVE THE GROUND. ATTACH THE SIGN SUPPORT TO THE GROUND SUPPORT (STUB) WITH THE APPROPRIATE HARDWARE PROVIDED BY THE MANUFACTURER OF THE BREAKAWAY SYSTEM. OVERALL LENGTH OF THE BREAKAWAY SYSTEM IS APPROXIMATELY 6'.





DRIVE THE GROUND SUPPORT (STUB) APPROXIMATELY 30" TO 36" INTO THE GROUND AS SPECIFIED BY THE MANUFACTURER OF THE BREAKAWAY SYSTEM SO THAT NO MORE THAN 4" OF THE GROUND SUPPORT (STUB) EXTENDS ABOVE THE GROUND. REMOVE ENOUGH SOIL FROM AROUND THE GROUND SUPPORT (STUB) TO PERMIT ACCESS TO THE HOLES FOR THE INSERTION AND TIGHTENING OF THE LOWER BOLT OF THE BREAKAWAY SYSTEM. UPON COMPLETING THE INSTALLATION OF THE BREAKAWAY SYSTEM, REPLACE THE SOIL AND TAMP.

WORK ZONE TRAFFIC CONTROL ENGINEER

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 24242 WILLIE E. McCONNELL, JR

SIGNATURE

8/2/12

DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2	1-5-12	JCS	GENERAL UPDATE
1	7-1-10	JCS	4" NOTE UPDATE
0	8-13-07	JCS	DRAWING NO. UPDATE

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

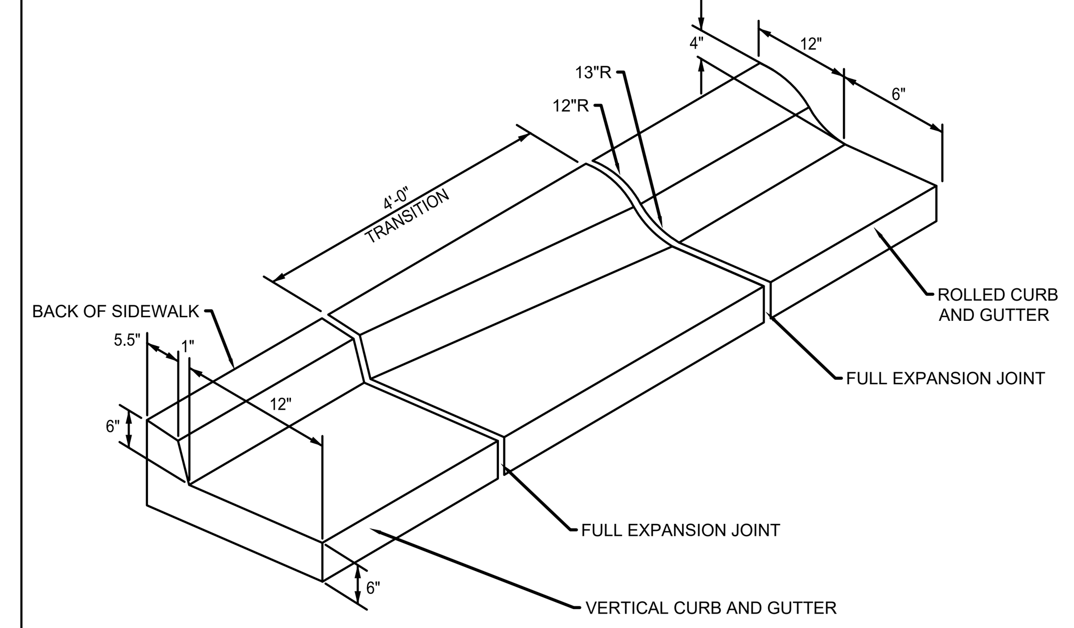
STANDARD DRAWING

CONSTRUCTION SIGNING GROUND MOUNTED ASSEMBLY U-CHANNEL POSTS - BREAKAWAY INSTALLATION

605-005-01

EFFECTIVE LETTING DATE JAN. 2013

THIS DRAWING IS NOT TO SCALE



NOTES

1. ALIGN BACK OF VERTICAL, TRANSITION AND ROLLED CURB PARALLEL TO FRONT OF SIDEWALK

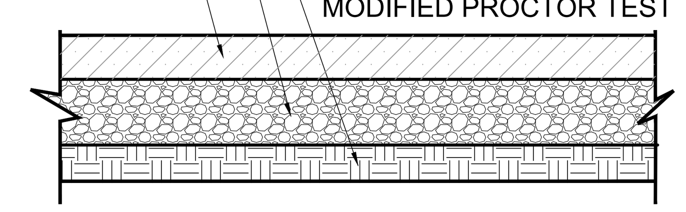
VERTICAL TO ROLLED CURB TRANSITION

EACH COURSE TO BE PLACED AND COMPACTED TO CONFORM TO SCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

2.0" COMPACTED TYPE C SURFACE COURSE HOT MIX ASPHALT PER SCDOT SPECIFICATION SECTIONS 402-403

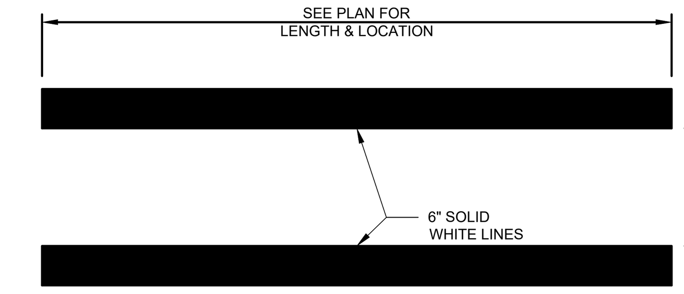
6.0" BASE COURSE PER SCDOT STD SPECIFICATION SECTION 305, COMPACTED TO 100% STANDARD PROCTOR OR 98% MODIFIED PROCTOR TEST

24" STABILIZED SUBGRADE COMPACTED TO 100% STANDARD PROCTOR OR 98% MODIFIED PROCTOR TEST



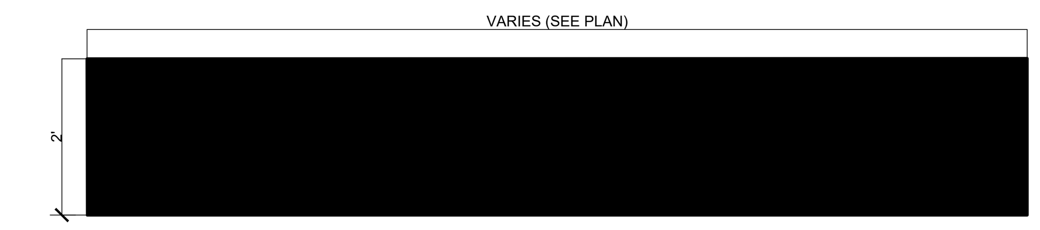
PAVEMENT SECTION (SCDOT TYPE C)

(N.T.S.)



CROSSWALK DETAIL

N.T.S.



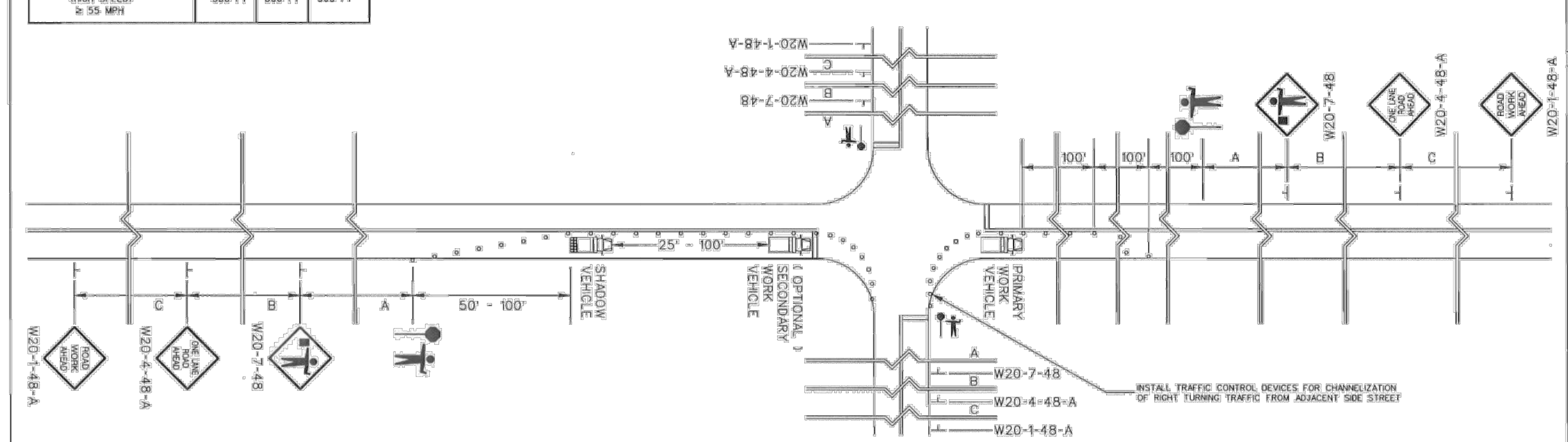
NOTES:

1. STOP BARS SHOULD BE PLACED 4 FEET FROM THE NEAREST EDGE OF THE INTERSECTING TRAVELED WAY.
2. ALL TRAFFIC CONTROL STRIPING SHALL BE WHITE IN COLOR, CONTRACTOR TO REFER TO PLAN TO DETERMINE STRIPING MATERIAL (THERMOPLASTIC OR PAINTED). A MINIMUM OF TWO COATS OF PAINT IS REQUIRED FOR PAINTED STRIPING.

STOP BAR DETAIL

N.T.S.

ADVANCE WARNING SIGN PLACEMENT INTERVALS	A	B	C
URBAN / RURAL (LOW SPEED) ≤ 35 MPH	200 FT	200 FT	200 FT
URBAN / RURAL (INTERMEDIATE SPEED) 40 MPH - 50 MPH	350 FT	350 FT	350 FT
RURAL (HIGH SPEED) ≥ 55 MPH	500 FT	500 FT	500 FT



GENERAL NOTES

1. THIS STANDARD DRAWING ILLUSTRATES AND SPECIFIES THE TRAFFIC CONTROL SETUP FOR CONDUCTING TRAFFIC SIGNAL WORK ACTIVITIES ON A TWO-LANE TWO-WAY ROADWAY THAT EXCEED A TIME DURATION OF 15 MINUTES. THE CONTRACTOR SHALL CONDUCT ALL EQUIPMENT AND MATERIAL PREPARATIONS PRIOR TO ENTERING THE ROADWAY.
2. UTILIZE THIS TRAFFIC CONTROL SETUP DURING PERIODS OF OFF-PEAK TRAFFIC VOLUMES. UTILIZATION OF THIS TRAFFIC CONTROL SETUP FOR CONDUCTING TRAFFIC SIGNAL WORK OR CONDUCTING ANY ACTIVITIES THAT INTERFERE WITH OR CREATE ANY DISRUPTIONS TO NORMAL TRAFFIC OPERATIONS DURING MORNING, MID-DAY, AND AFTERNOON-EVENING HIGH TRAFFIC VOLUME PEAK PERIODS IS PROHIBITED. THE CONTRACTOR SHALL OBSERVE ALL LANE CLOSURE PROHIBITION RESTRICTIONS. THE CONTRACTOR SHALL REQUEST AND OBTAIN HOURLY LANE CLOSURE PROHIBITION INFORMATION FROM THE DISTRICT TRAFFIC ENGINEER FOR INCORPORATION INTO THE PROPOSED WORK SCHEDULE. THE CONTRACTOR SHALL SUBMIT THE PROPOSED WORK SCHEDULE WITH A COPY OF THE LANE CLOSURE PROHIBITION INFORMATION TO THE RESIDENT ENGINEER NO LESS THAN TWO (2) WEEKS PRIOR TO BEGINNING THE WORK. FAILURE TO PROVIDE THIS INFORMATION SHALL BE CONSIDERED FAILURE TO PROVIDE TRAFFIC CONTROL AS REQUIRED BY THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, THE STANDARD DRAWINGS, THE PLANS, AND THE ENGINEER AND WILL PROVIDE SUBSTANTIAL CAUSE FOR THE DEPARTMENT TO RESTRICT THE WORK AND/OR WITHHOLD THE MONTHLY ESTIMATE.
3. THE VEHICLE TRAIN SHALL INCLUDE THE PRIMARY WORK VEHICLE AND NO LESS THAN ONE (1) SHADOW VEHICLE. A SECONDARY WORK VEHICLE IS AN OPTIONAL ADDITION TO THE VEHICLE TRAIN. SUPPLEMENT THE OPTIONAL SECONDARY WORK VEHICLE WITH AN ADVANCE WARNING ARROW PANEL; A TRUCK MOUNTED ATTENUATOR IS OPTIONAL ON THIS VEHICLE. SUPPLEMENT THE SHADOW VEHICLE WITH AN ADVANCE WARNING ARROW PANEL AND A TRUCK MOUNTED ATTENUATOR.
4. ALL FLAGGING OPERATIONS SHALL COMPLY WITH ALL LANE CLOSURE PROHIBITION RESTRICTIONS. INSTALL AND MAINTAIN ALL FLAGGING OPERATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE STANDARD DRAWINGS, THE MUTCD AND AS DIRECTED BY THE ENGINEER. MAINTAIN TWO-WAY RADIO COMMUNICATIONS BETWEEN ALL FLAGGERS.
5. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL TRUCK MOUNTED ATTENUATORS AS SPECIFIED BY THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, THE STANDARD DRAWINGS, THE PLANS, AND AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL ADVANCE WARNING ARROW PANELS AS SPECIFIED BY THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, THE STANDARD DRAWINGS, THE PLANS, AND AS DIRECTED BY THE ENGINEER.
7. REFLECTORIZE ALL ORANGE ADVANCE WARNING SIGNS WITH AN APPROVED FLUORESCENT ORANGE COLORED PRISMATIC RETROREFLECTIVE SHEETING UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
8. UTILIZING EQUIPMENT LOCATED ADJACENT TO OR WITHIN THE BOUNDARIES OF A CLOSED TRAVEL LANE TO EXTEND BEYOND THE BOUNDARIES OF THE CLOSED TRAVEL LANE TO CONDUCT WORK ACTIVITIES OVER LIVE TRAFFIC IN A TRAVEL LANE OPEN TO TRAFFIC IS PROHIBITED. UTILIZING EQUIPMENT LOCATED ON A SHOULDER, IN A MEDIAN AREA OR WITHIN ANY AREA ADJACENT TO A TRAVEL LANE OPEN TO TRAFFIC TO EXTEND BEYOND THE BOUNDARIES OF THE AREA ADJACENT TO AN OPEN TRAVEL LANE TO CONDUCT WORK ACTIVITIES OVER LIVE TRAFFIC IN A TRAVEL LANE OPEN TO TRAFFIC IS PROHIBITED. HOWEVER, EQUIPMENT MAY BE UTILIZED TO EXTEND OVER AN ADJACENT TRAVEL LANE WHEN TRAFFIC IN THE ADJACENT TRAVEL LANE IS TEMPORARILY STOPPED FOR A PERIOD OF TIME NOT TO EXCEED 3 MINUTES. A TEMPORARY STOPPAGE OF TRAFFIC IS ONLY PERMITTED DURING OFF-PEAK HOURS AND DURING THOSE TIMES APPROVED BY THE DISTRICT TRAFFIC ENGINEER. THE CONTRACTOR SHALL SUBMIT THE PROPOSED WORK SCHEDULE WITH A COPY OF THE PERMISSIBLE TIMES FOR THE TEMPORARY STOPPAGES RECEIVED FROM THE DISTRICT TRAFFIC ENGINEER TO THE RESIDENT ENGINEER NO LESS THAN TWO (2) WEEKS PRIOR TO CONDUCTING THE WORK THAT REQUIRES THE TEMPORARY TRAFFIC STOPPAGES.

VEHICLE TRAIN

PRIMARY WORK VEHICLE

AMBER COLORED HIGH INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS ARE REQUIRED ON THE PRIMARY WORK VEHICLE. VEHICLE HAZARD WARNING LIGHTS ARE ONLY PERMITTED AS A SUPPLEMENT TO THESE DEVICES.

SECONDARY WORK VEHICLE

A TRUCK MOUNTED ADVANCE WARNING ARROW PANEL OPERATING IN THE "FOUR CORNER" CAUTION MODE DISPLAYING ONE LAMP IN EACH CORNER AND A TRUCK MOUNTED ATTENUATOR ARE REQUIRED ON A SECONDARY WORK VEHICLE.

A TRUCK MOUNTED ATTENUATOR IS OPTIONAL ON A SECONDARY WORK VEHICLE.

OPERATE A SECONDARY WORK VEHICLE IN THE SAME TRAVEL LANE AS THE PRIMARY WORK VEHICLE ON THE APPROACH TO THE INTERSECTION WITHOUT ENCROACHING INTO THE INTERSECTION.

SHADOW VEHICLE

A TRUCK MOUNTED ADVANCE WARNING ARROW PANEL OPERATING IN THE "FOUR CORNER" CAUTION MODE DISPLAYING ONE LAMP IN EACH CORNER AND A TRUCK MOUNTED ATTENUATOR ARE REQUIRED ON THE SHADOW VEHICLE.

OPERATE THE SHADOW VEHICLE IN THE SAME TRAVEL LANE AS THE PRIMARY WORK VEHICLE ON THE APPROACH TO THE INTERSECTION WITHOUT ENCROACHING INTO THE INTERSECTION. WHEN A SECONDARY WORK VEHICLE IS UTILIZED, OPERATE THE SHADOW VEHICLE 25' TO 100' IN ADVANCE OF THE SECONDARY WORK VEHICLE.

THIS DRAWING IS NOT TO SCALE

REFERENCES

WORK ZONE TRAFFIC CONTROL ENGINEER

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 24242 WILLIE E. McCONNELL, JR

SIGNATURE

5/18/2011

DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0	5-1-11	JCS	NEW DRAWING

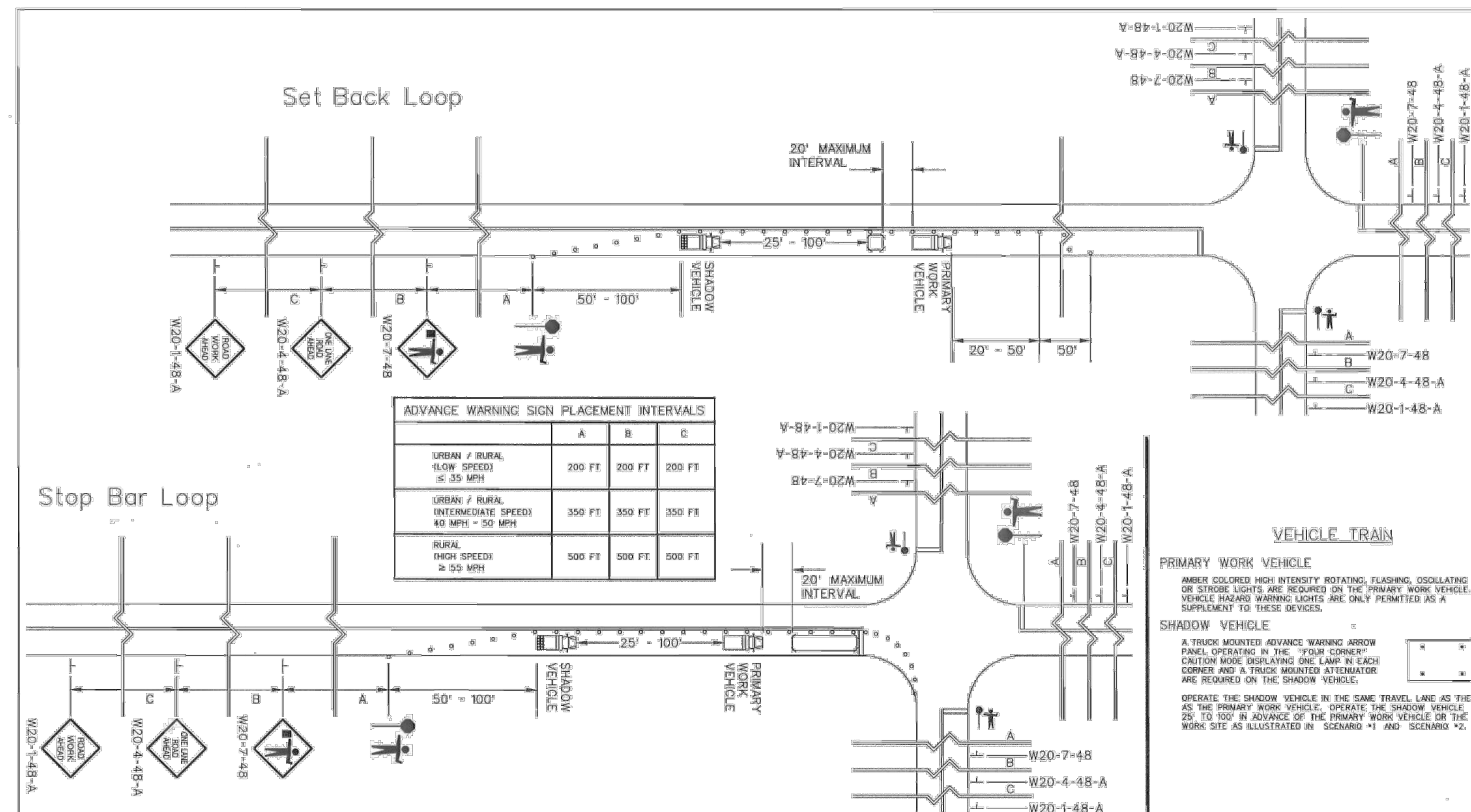
SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING

TRAFFIC SIGNAL WORK OPERATIONS TWO-LANE TWO-WAY ROADWAY TIME DURATION GREATER THAN 15 MINUTES

610-475-02

EFFECTIVE LETTING DATE SEPT. 2011



ADVANCE WARNING SIGN PLACEMENT INTERVALS	A	B	C
URBAN / RURAL (LOW SPEED) ≤ 35 MPH	200 FT	200 FT	200 FT
URBAN / RURAL (INTERMEDIATE SPEED) 40 MPH - 50 MPH	350 FT	350 FT	350 FT
RURAL (HIGH SPEED) ≥ 55 MPH	500 FT	500 FT	500 FT

VEHICLE TRAIN

PRIMARY WORK VEHICLE

AMBER COLORED HIGH INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS ARE REQUIRED ON THE PRIMARY WORK VEHICLE. VEHICLE HAZARD WARNING LIGHTS ARE ONLY PERMITTED AS A SUPPLEMENT TO THESE DEVICES.

SHADOW VEHICLE

A TRUCK MOUNTED ADVANCE WARNING ARROW PANEL OPERATING IN THE "FOUR CORNER" CAUTION MODE DISPLAYING ONE LAMP IN EACH CORNER AND A TRUCK MOUNTED ATTENUATOR ARE REQUIRED ON THE SHADOW VEHICLE.

OPERATE THE SHADOW VEHICLE IN THE SAME TRAVEL LANE AS THE PRIMARY WORK VEHICLE. OPERATE THE SHADOW VEHICLE 25' TO 100' IN ADVANCE OF THE PRIMARY WORK VEHICLE OR THE WORK SITE AS ILLUSTRATED IN SCENARIO #1 AND SCENARIO #2.

GENERAL NOTES

1. THIS STANDARD DRAWING ILLUSTRATES AND SPECIFIES THE TRAFFIC CONTROL SETUP FOR CONDUCTING TRAFFIC SIGNAL WORK ACTIVITIES, PRIMARILY INSTALLATION OF TRAFFIC SIGNAL DETECTION LOOPS, ON A TWO-LANE TWO-WAY ROADWAY THAT REQUIRES THE PRESENCE OF PEDESTRIAN WORKERS AND EQUIPMENT WITHIN THE BOUNDARIES OF A TRAVEL LANE. THE CONTRACTOR SHALL CONDUCT ALL EQUIPMENT AND MATERIAL PREPARATIONS PRIOR TO ENTERING THE ROADWAY.
2. UTILIZE THIS TRAFFIC CONTROL SETUP DURING PERIODS OF OFF-PEAK TRAFFIC VOLUMES. UTILIZATION OF THIS TRAFFIC CONTROL SETUP FOR CONDUCTING TRAFFIC SIGNAL WORK OR CONDUCTING ANY ACTIVITIES THAT INTERFERE WITH OR CREATE ANY DISRUPTIONS TO NORMAL TRAFFIC OPERATIONS DURING MORNING, MID-DAY AND AFTERNOON-EVENING HIGH TRAFFIC VOLUME PEAK PERIODS IS PROHIBITED. THE CONTRACTOR SHALL OBSERVE ALL LANE CLOSURE PROHIBITION RESTRICTIONS. THE CONTRACTOR SHALL REQUEST AND OBTAIN HOURLY LANE CLOSURE PROHIBITION INFORMATION FROM THE DISTRICT TRAFFIC ENGINEER FOR INCORPORATION INTO THE PROPOSED WORK SCHEDULE. THE CONTRACTOR SHALL SUBMIT THE PROPOSED WORK SCHEDULE WITH A COPY OF THE LANE CLOSURE PROHIBITION INFORMATION TO THE RESIDENT ENGINEER NO LESS THAN TWO (2) WEEKS PRIOR TO BEGINNING THE WORK. FAILURE TO PROVIDE THIS INFORMATION SHALL BE CONSIDERED FAILURE TO PROVIDE TRAFFIC CONTROL AS REQUIRED BY THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, THE STANDARD DRAWINGS, THE PLANS AND THE ENGINEER AND WILL PROVIDE SUBSTANTIAL CAUSE FOR THE DEPARTMENT TO RESTRICT THE WORK AND/OR WITHHOLD THE MONTHLY ESTIMATE.
3. THE VEHICLE TRAIN SHALL INCLUDE THE PRIMARY WORK VEHICLE AND NO LESS THAN ONE (1) SHADOW VEHICLE. SUPPLEMENT THE SHADOW VEHICLE WITH AN ADVANCE WARNING ARROW PANEL AND A TRUCK MOUNTED ATTENUATOR.
4. ALL FLAGGING OPERATIONS SHALL COMPLY WITH ALL LANE CLOSURE PROHIBITION RESTRICTIONS. INSTALL AND MAINTAIN ALL FLAGGING OPERATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE STANDARD DRAWINGS, THE MUTCD AND AS DIRECTED BY THE ENGINEER. MAINTAIN TWO-WAY RADIO COMMUNICATIONS BETWEEN ALL FLAGGERS.
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THIS DRAWING IS NOT TO SCALE

REFERENCES

WORK ZONE TRAFFIC CONTROL ENGINEER

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 24242 WILLIE E. McCONNELL, JR

SIGNATURE

5/18/2011

DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0	5-1-11	JCS	NEW DRAWING

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING

TRAFFIC SIGNAL WORK OPERATIONS TWO-LANE TWO-WAY ROADWAY TRAFFIC SIGNAL DETECTION LOOP INSTALLATIONS

610-490-01

EFFECTIVE LETTING DATE SEPT. 2011

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:

TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO. 22014 EUGENE D. ...

SITE DETAILS

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-3.8

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Details.dwg
PLOTTED: Jan 30, 2025 - 10:50pm

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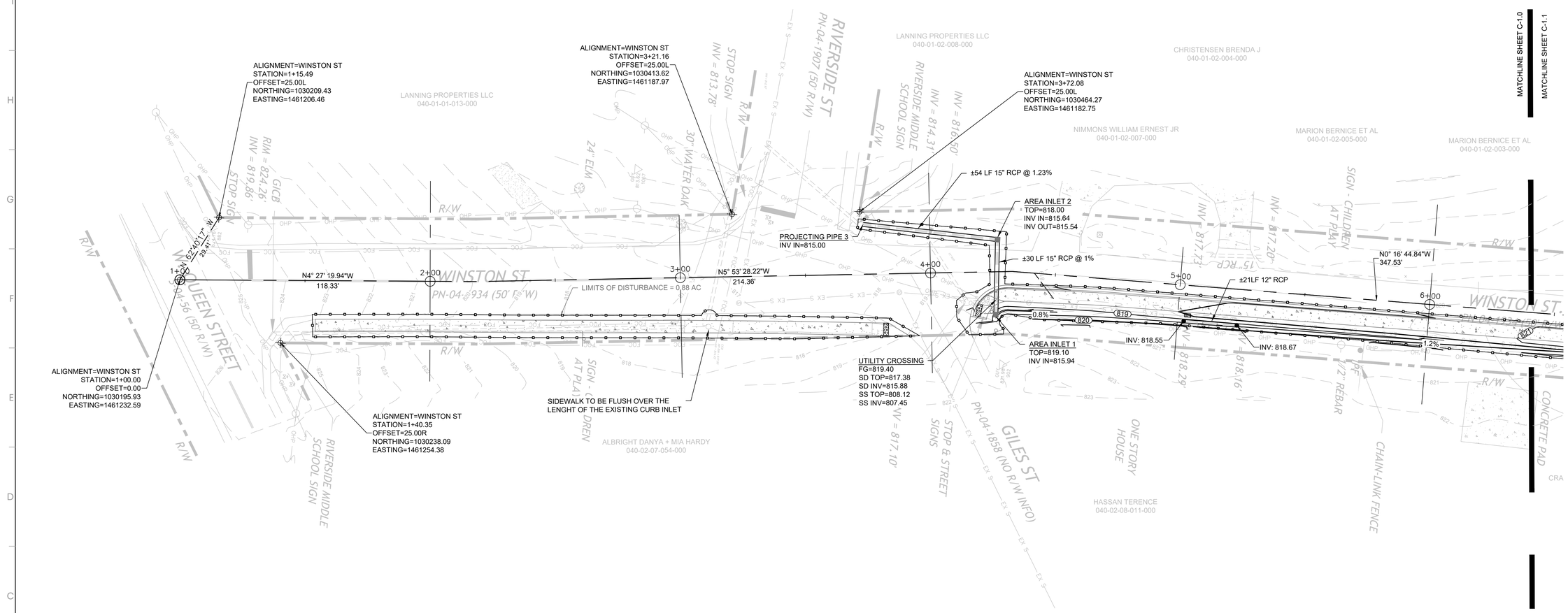
GRADING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. GMC DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
4. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
5. EXISTING GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
6. PROPOSED GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
7. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
8. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE.
10. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
12. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
13. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES AS INDICATED ON THE EROSION CONTROL PLANS. CONTRACTOR SHALL GRASS DISTURBED AREAS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. AT A MINIMUM, 80% COVERAGE AND 80% DENSITY SHALL BE ACHIEVED PRIOR TO PROJECT CLOSEOUT.
14. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
15. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT-IN TO INVERT-OUT.
16. CONTRACTOR SHALL VERIFY BENCHMARKS PRIOR TO SETTING FINISHED GRADES.
17. ALL A.D.A. SPACES SHALL BE GRADED TO HAVE A MAXIMUM SLOPE OF 2.00% IN ANY DIRECTION.
18. CONTRACTOR SHALL COORDINATE ALL EXCAVATION WITH GEOTECHNICAL TESTING COMPANY. ALL COMPACTION SHALL BE PER THE GEOTECHNICAL REPORT.
19. ANY IMPORT OR EXPORT OF SOIL AND/OR MATERIALS SHALL BE TO/FROM A PERMITTED BORROW/SPOIL SITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DOCUMENTATION TO GEOTECHNICAL TESTING COMPANY FOR ANY AND ALL IMPORT/EXPORT SITES USED FOR CONSTRUCTION.
20. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ANY AREAS THAT MAY TRAP STORMWATER RUNOFF AND/OR NOT DRAIN PROPERLY.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		RIGHT OF WAY LINE
850	850	CONTOUR LINE
	850.00	SPOT ELEVATION
		STORM DRAIN INLET
		STORM DRAIN PIPE

NOTE: NO WORK IS TO BE DONE ON ADJACENT PROPERTIES/RIGHT-OF-WAYS UNTIL WRITTEN PERMISSION IS GRANTED BY THE PROERTY/RIGHT-OF-WAY OWNER.



DRAINAGE STATEMENT:
THE CHANGES TO IMPERVIOUS AREA ARE MINIMAL AND THE EXISTING DRAINAGE PATTERNS ARE NOT AFFECTED BY THE IMPROVEMENTS THAT ARE APART OF THIS PROJECT. THEREFORE THERE IS ZERO INCREASE TO THE SCDOT ROW.

811 Know what's below. Call before you dig.

N

SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA PROFESSIONAL ENGINEER CERTIFICATION
GOODWYN MILLS CAWOOD, LLC
No. 6481

SOUTH CAROLINA PROFESSIONAL ENGINEER SEAL
No. 22201
STATE OF SOUTH CAROLINA

GRADING PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-4.0

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DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Grading Plan.dwg
PLOTTED: Jan 30, 2024 - 10:52pm

GRADING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. GMC DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
4. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
5. EXISTING GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
6. PROPOSED GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
7. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
8. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE.
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17. ALL A.D.A. SPACES SHALL BE GRADED TO HAVE A MAXIMUM SLOPE OF 2.00% IN ANY DIRECTION.
18. CONTRACTOR SHALL COORDINATE ALL EXCAVATION WITH GEOTECHNICAL TESTING COMPANY. ALL COMPACTION SHALL BE PER THE GEOTECHNICAL REPORT.
19. ANY IMPORT OR EXPORT OF SOIL AND/OR MATERIALS SHALL BE TO/FROM A PERMITTED BORROW/SPOIL SITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DOCUMENTATION TO GEOTECHNICAL TESTING COMPANY FOR ANY AND ALL IMPORT/EXPORT SITES USED FOR CONSTRUCTION.
20. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ANY AREAS THAT MAY TRAP STORMWATER RUNOFF AND/OR NOT DRAIN PROPERLY.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		RIGHT OF WAY LINE
850	850	CONTOUR LINE
	850.00	SPOT ELEVATION
		STORM DRAIN INLET
		STORM DRAIN PIPE

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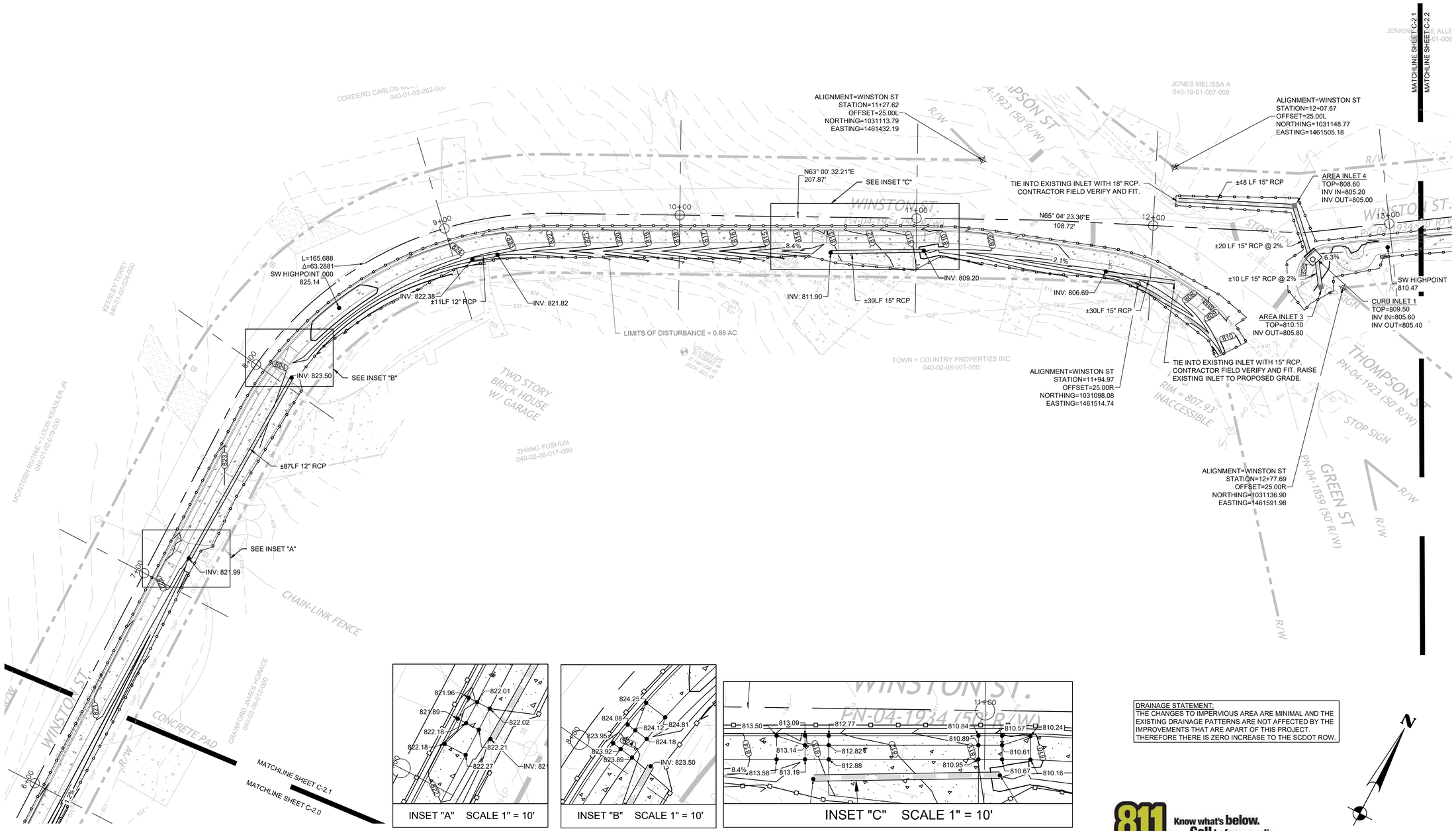

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GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32220

GRADING PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-4.1

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PLOTTED: Jan 30, 2025 - 10:53pm

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850	850	CONTOUR LINE
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		STORM DRAIN INLET
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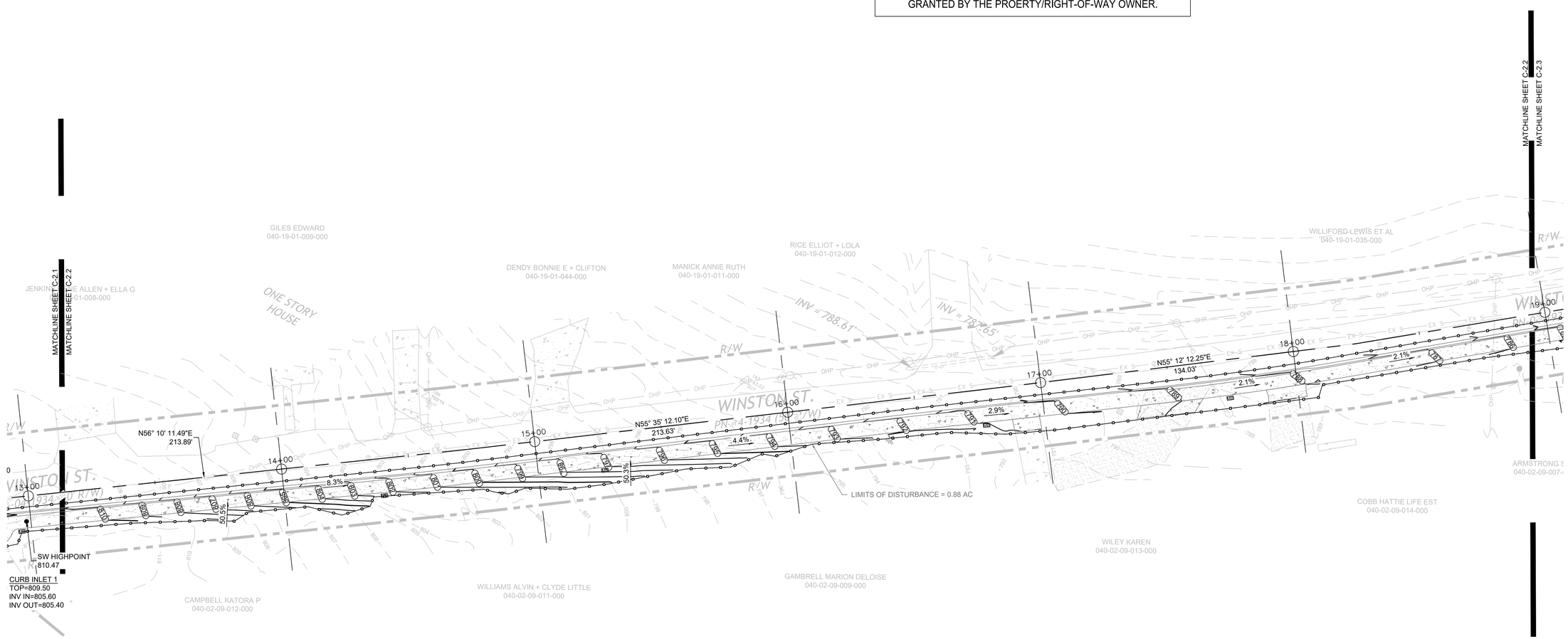

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Know what's below. Call before you dig.

SCALE: HORIZ. 1" = 20' - VERT. 1"=10

GMC
117 Welborn St.
Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
TOWN OF PENDLETON
310 GREENVILLE ST
PENDLETON, SC 29670
STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx

PROJECT MANAGER: MGL
DESIGNER: NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER GEORGE M. LEE No. 22201

GRADING PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS
WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-4.2

DRAWING FILE: T:\1 Projects\SC\Pendleton, Town of\CGRE230073 Winston Street Sidewalk\0 DWG\3 PLANS\Grading Plan.dwg
PLOTTED: Jan 30, 2026 - 10:52pm

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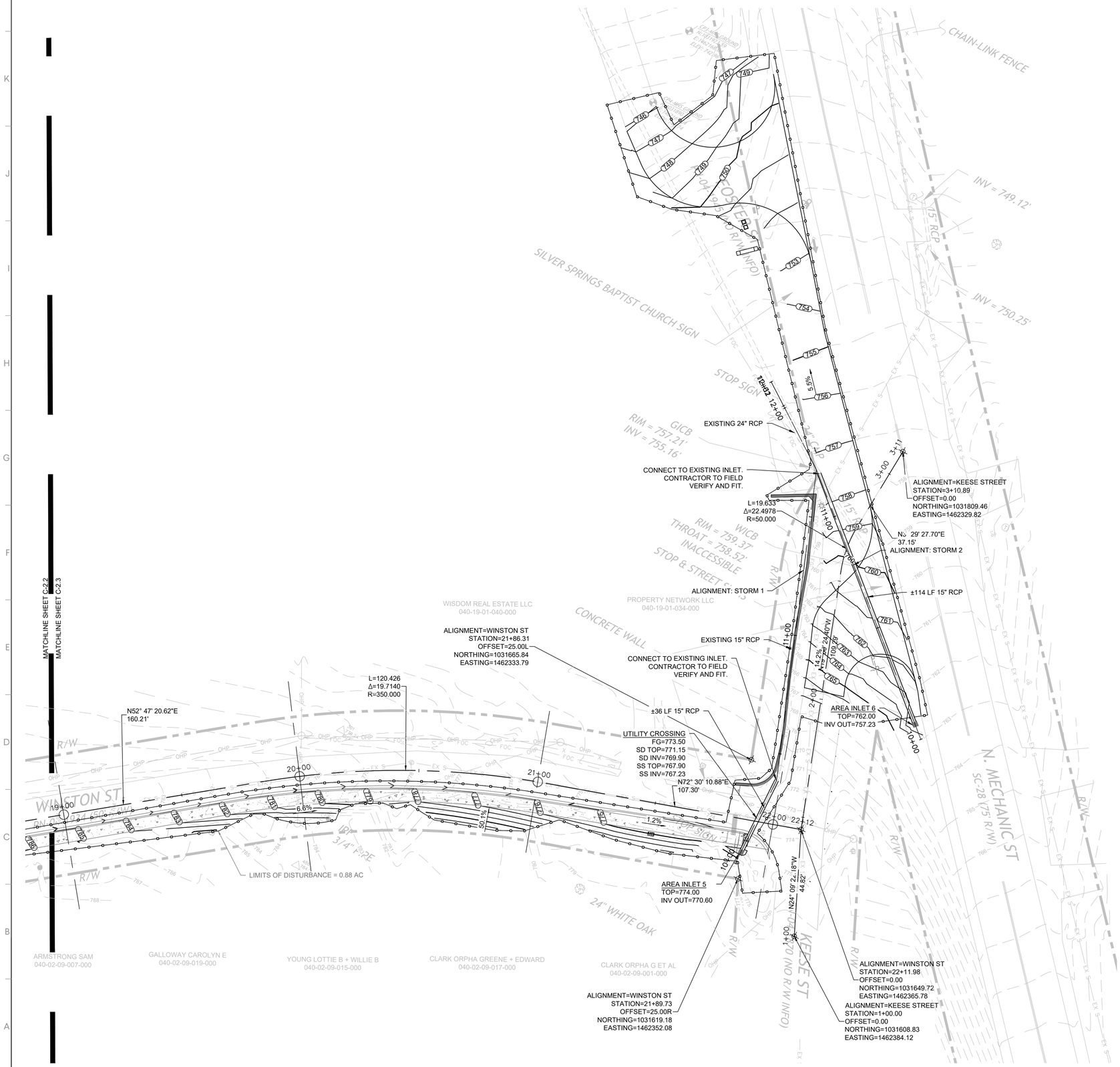

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N

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GMC
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Greenville, SC 29601
T 864.527.0460

OWNER / DEVELOPER:
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STEVE MILLER
(864) 646-9409

ISSUE	DATE
PERMIT SUBMITTALS	x/x/xx
PROJECT MANAGER:	MGL
DESIGNER:	NDW

SOUTH CAROLINA GOODWYN MILLS CAWOOD, LLC No. 6481 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER SEAL 32220 GREGORY S. WOOD 11/15/2023

GRADING PLAN

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670
GMC Project#CGRE230073

C-4.3

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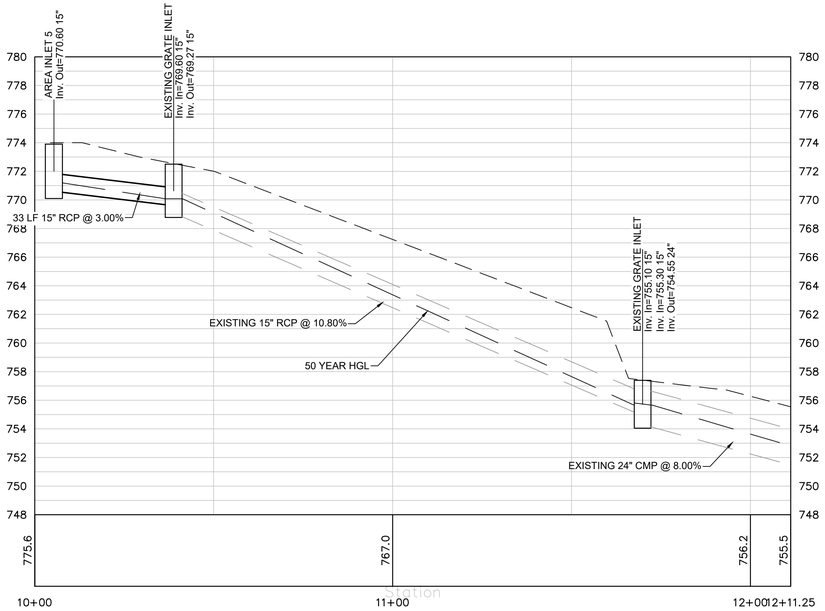
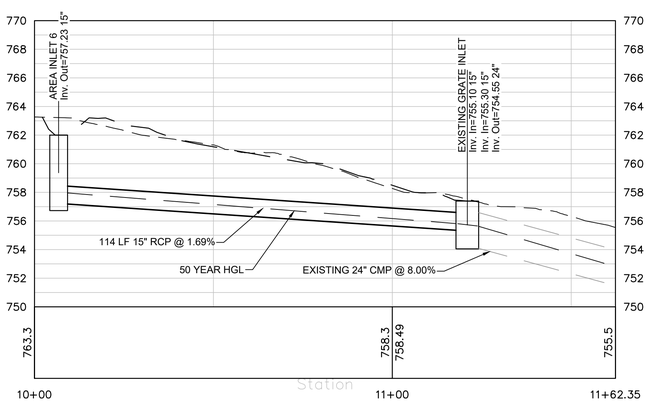
PLOTTED: Jan 31, 2025 - 8:14am



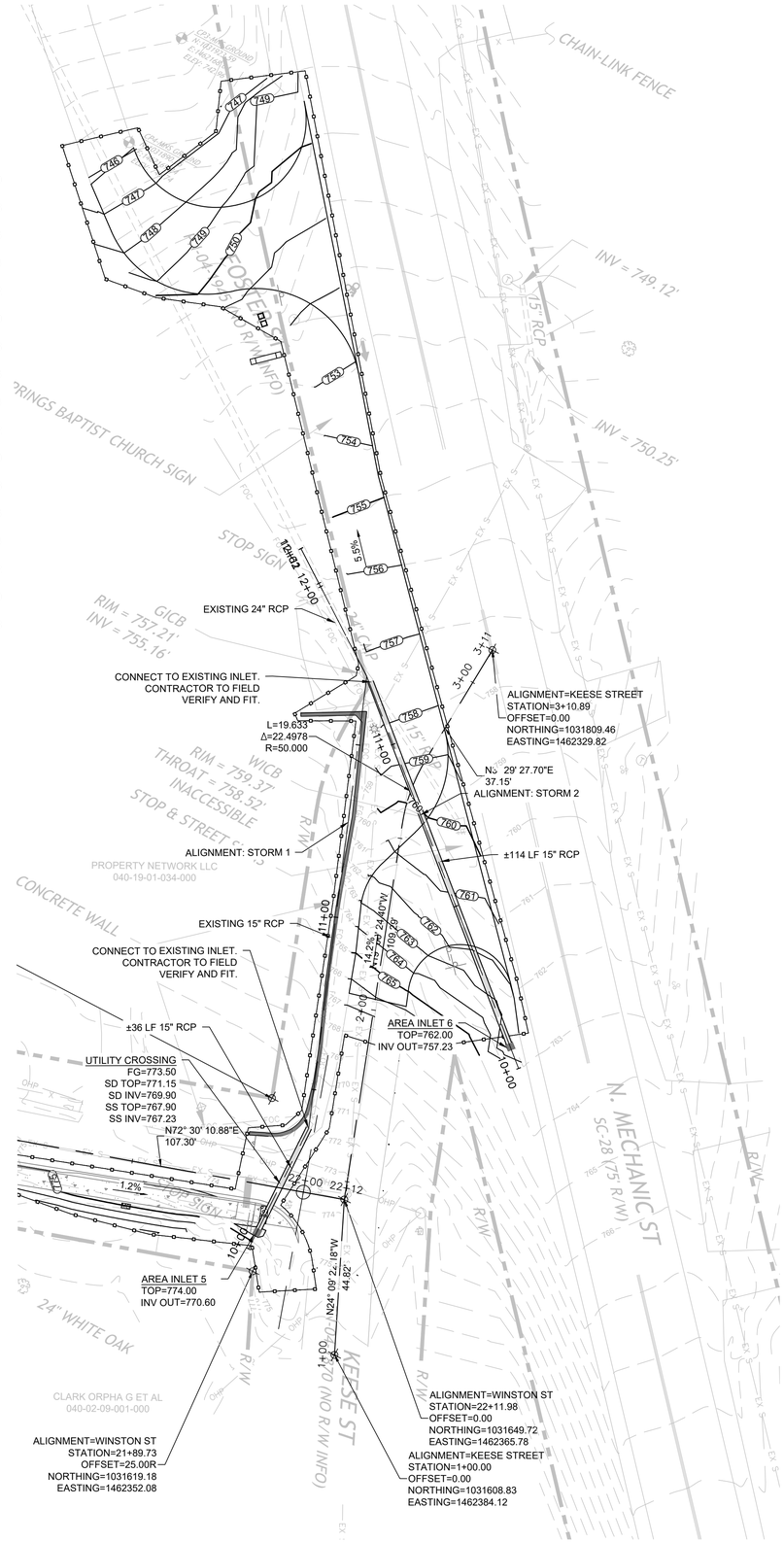
STORM 1

PROFILE SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'



STORM 2

PROFILE SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'



LEGEND

EXISTING	PROPOSED	DESCRIPTION
		RIGHT OF WAY LINE
850	850	CONTOUR LINE
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DESIGNER:	NDW

STATE OF NORTH CAROLINA — GOODWYN MILLS CAWOOD, LLC No. 6481 — CERTIFICATE OF AUTHORIZATION

STATE OF NORTH CAROLINA — PROFESSIONAL ENGINEER SEAL — NO. 22013 — NATHAN D. WHITE

STORM PLAN & PROFILE

TOWN OF PENDLETON
WINSTON STREET SIDEWALK IMPROVEMENT PLANS

WINSTON STREET
PENDLETON, SC 29670

GMC Project#CGRE230073

C-4.4

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