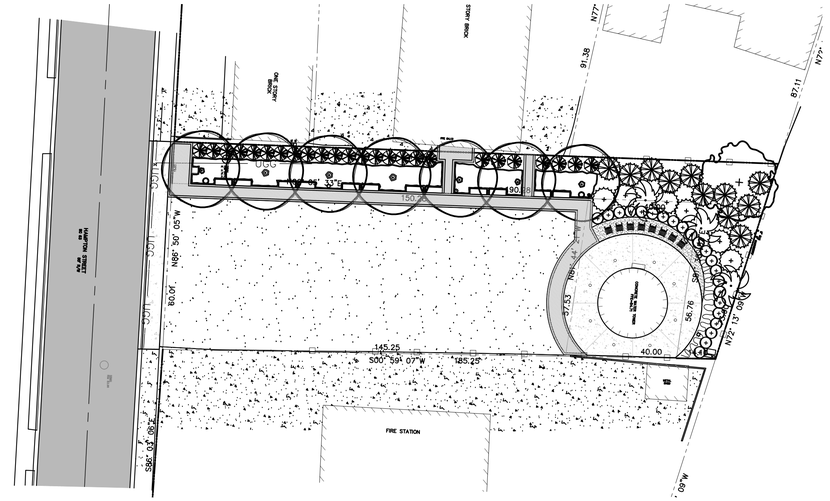
WATER TOWER PARK
WALTERBORO, SOUTH CAROLINA
CONSTRUCTION DRAWINGS



VICINITY MAP NOT TO SCALE

PROJECT OWNER
CITY OF WALTERBORO
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SURVEYOR
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WALTERBORO, SC 29488
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WALTERBORO UTILITIES
(843)782-1065

PREPARED FOR:

CITY OF WALTERBORO

COLLETON COUNTY, SOUTH CAROLINA

(843)782-1000

PROJECT LOCATION:

419 HAMPTON STREET
WALTERBORO, SC 29488

SHEET INDEX

BID SET

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REVISION	BY	APPD.	MM.DD.YY
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FILE NAME: 1175-CS-PL | DWN. OME | CHKD. CWH | DSGNL CWH | 02.27.25 MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 750
CHARLES W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
COVER

JOB #: 1175
SCALE: N.T.S.
SHEET: 1.0 OF 10.3

GENERAL NOTES:

1. ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

2. TOPOGRAPHIC AND BOUNDARY INFORMATION WAS PROVIDED BY:
   SAMUEL C. BETHAY PE RLS – CONSULTING ENGINEER, LAND SURVEYOR
   613 CARN STREET
   WALTERBORO, SC 29488
   PHONE: (843) 549-9405

3. CONTRACTOR VERIFY LAYOUT, GRADING, AND PROPERTY LINES PRIOR TO THE START OF ANY WORK.

4. THE CONTRACTOR SHALL PROVIDE HIS OWN LINE AND GRADE.

5. THE CONTRACTOR SHALL SCHEDULE THE WORK OF THE PROJECT TO FACILITATE ACTIVITY IN THE AREA. THE PREFERRED SEQUENCE OF WORK IN THIS PROJECT AND CONSTRUCTION PARAMETERS SHALL BE APPROVED BY THE OWNER.

6. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AND ROADWAYS DURING CONSTRUCTION.

7. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ALL DIRECTIONS AT ALL TIMES. ANY TRAFFIC REROUTING SHALL BE SUBMITTED TO SCDOT AND THE CITY OF WALTERBORO FOR APPROVAL PRIOR TO ANY LANE CLOSURES OR REROUTING TRAFFIC. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE OWNER, FIRE DEPARTMENT, POLICE DEPARTMENT AND ANY OTHER EMERGENCY AGENCIES OF ANY CLOSURE AND TRAFFIC ROUTINGS AT LEAST 24 HOURS PRIOR TO ANY CLOSURES.

8. THE EXISTING UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

9. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND SAMPLES FOR ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PRIOR TO ORDERING.

10. WHERE NEW CONSTRUCTION IS TO TAKE PLACE, THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING ANY MATERIAL IN THE WAY AT HIS OWN EXPENSE.

11. THE CONTRACTOR IS ADVISED THAT THE LOCATION OF THE WORK SHOWN ON THE DRAWINGS IS SUBJECT TO SLIGHT ADJUSTMENT IN THE FIELD TO AVOID NEW AND EXISTING UTILITIES AND AS FIELD CONDITIONS DICTATE. ALL CHANGES SHALL BE AUTHORIZED BY THE ENGINEER AND OWNER. THERE WILL BE NO ADDITIONAL COMPENSATION FOR MAKING THESE ADJUSTMENTS UNLESS THE ADJUSTMENT CHANGES THE SCOPE OF THE WORK AS STATED IN THE GENERAL CONDITIONS.

12. ALL UNDERGROUND CONSTRUCTION SHALL BE COMPLETED AND ACCEPTED PRIOR TO NEW SURFACE CONSTRUCTION.

13. OFF-SITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR. EXCESS DIRT SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE.

14. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.

15. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT ALL WORK IS ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS. THE GEOTECHNICAL REPORTS NEED TO BE PROVIDED TO THE OWNER AS PERFORMED IN PDF FORMAT (DIGITALLY).

17. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF WALTERBORO, COLLETON COUNTY, SCDHEC AND SCDOT.

18. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOBSITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.

19. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.

20. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. DISCHARGES FROM DEWATERING DEVICES SHALL BE EQUIPPED SO AS TO PREVENT EROSION AND/OR DEPOSITION OF SEDIMENT BEYOND CONSTRUCTION LIMITS.

21. TOTAL LAND DISTURBANCE IS APPROXIMATELY 0.35 ACRES. SEE EROSION CONTROL PLAN SHEET FOR LIMITS OF CONSTRUCTION.

22. CONTRACTOR TO PROVIDE AN AS-BUILT OF THE NEWLY INSTALLED WORK IN AN AUTOCAD DIGITAL FORMAT IN SAME COORDINATE SYSTEM AS THE ORIGINAL CONSTRUCTION DOCUMENTS AND ACCEPTABLE TO THE ENGINEER.

23. CONTRACTOR TO HAUL IN/OUT THE NECESSARY DIRT AT THE CONTRACTOR'S EXPENSE TO COMPLETE THE PROJECT PER THE PLANS AND SPECIFICATIONS.

24. CONTRACTOR TO PROVIDE ALL REQUIRED SCDHEC INSPECTIONS.

25. ALL DISTURBED AREAS TO BE GRASSED/LANDSCAPED PER SPECIFICATIONS.

SEQUENCE OF CONSTRUCTION NOTES:

ITEMS MUST OCCUR IN THE ORDER LISTED; ITEMS CANNOT OCCUR CONCURRENTLY UNTIL SPECIFICALLY NOTED. IF ITEMS DESCRIBED BELOW ARE NOT A PART OF THE SWPPP, CONTRACTOR TO ADDRESS NEXT ITEM ON THIS LIST.

1. RECEIVE LAND DISTURBANCE APPROVAL FROM COLLETON COUNTY AND RECEIVE NPDES COVERAGE FROM DHEC IF 1 ACRE OR GREATER.
2. NOTIFY COLLETON COUNTY'S STORMWATER MANAGEMENT OFFICE AND SCDHEC'S STORMWATER MANAGEMENT OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
3. PRECONSTRUCTION MEETING (ON-SITE). A REPRESENTATIVE FROM COLLETON COUNTY'S STORMWATER MANAGEMENT OFFICE MUST BE PRESENT AT THE ON-SITE PRE-CONSTRUCTION MEETING.
4. INSTALLATION OF CONSTRUCTION ENTRANCES.
5. CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
6. INSTALLATION OF PERIMETER CONTROLS SUCH AS SILT FENCING.
7. CLEARING AND GRUBBING OF SITE OR DEMOLITION.
8. ROUGH GRADING.
9. FINE GRADING, PAVING, ETC.
10. PERMANENT/FINAL STABILIZATION.
11. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED
12. PERFORM AS-BUILT SURVEYS OF ALL NEW STORM DRAINAGE SYSTEM TO ENGINEER FOR ACCEPTANCE.
13. SUBMIT NOTICE OF TERMINATION (NOT) TO COLLETON COUNTY AND SCDHEC AS APPROPRIATE.

- NOTE: IF NPDES COVERAGE IS BEING ISSUED AFTER LAND-DISTURBING ACTIVITIES HAVE ALREADY STARTED (E.G., IN RESPONSE TO A NOTICE TO COMPLY, NOTICE OF VIOLATION, OR ENFORCEMENT ACTION), THEN THE CONSTRUCTION SEQUENCE MUST SPECIFICALLY INDICATE THE ITEMS THAT HAVE ALREADY OCCURRED AND THE ITEMS THAT WILL BE OCCURRING AFTER NPDES COVERAGE IS ISSUED.
- NOTE: MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED. SITE MUST BE COMPLETELY STABILIZED WITH AT LEAST 70% VEGETATIVE COVER.

DEMOLITION AND SITE PREPARATION NOTES:

1. CONSTRUCTION LIMITS OF PROJECT ARE PROPERTY LINES AND RIGHT-OF-WAY LINES AND THE EXTENT OF WORK SHOWN ON THE PLANS, WHICHEVER IS LARGEST IN SCOPE. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO EXISTING BUILDINGS AND STRUCTURES CAUSED BY THE DEMOLITION AND/OR CONSTRUCTION PROCESS. THE DEMOLITION LINE AT THE PROJECT LIMITS SHALL BE A CLEAN, SAW CUT LINE WITHOUT IRREGULARITIES. THE CITY AND/OR ENGINEER SHALL APPROVE THIS LINE PRIOR TO COMMENCEMENT OF DEMOLITION.
2. THE LIMITS OF DEMOLITION IS AS SHOWN ON THE DRAWINGS AND HAS BEEN LOCATED TO PROVIDE SUFFICIENT AREA FOR INSTALLING THE NEW WORK. ANY DEMOLITION THAT OCCURS OUTSIDE OF THESE LIMITS WILL BE AT THE CONTRACTORS EXPENSE UNLESS APPROVAL HAS BEEN GRANTED BY THE OWNER.
3. ALL EXISTING ITEMS DESIGNATED TO BE REMOVED AND SALVAGED, SUCH AS SIGNS, DRAINAGE, GRATES, WHEEL STOPS, ETC., SHALL BE DELIVERED TO THE CITY OF WALTERBORO'S DESIGNATED STORAGE YARD FACILITY, AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATING SERVICE AT 1-800-922-0983 AND THE CITY OF WALTERBORO PUBLIC WORKS DEPARTMENT AT 843-782-1000 BEFORE EXCAVATING AS REQUIRED BY THE SUPPLEMENTAL CONDITIONS AND SOUTH CAROLINA LAW.
5. DISPOSAL OF MATERIALS OFF-SITE AND HAULING OF FILL MATERIAL THAT IS REQUIRED FOR CONSTRUCTION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
6. ANY AREAS DISTURBED BY CONSTRUCTION NOT COVERED BY NEW WORK SHALL BE PLACED IN PERMANENT GRASS SOD AT NO ADDITIONAL COST TO THE OWNER.
7. CONTRACTOR SHALL COMPLETELY DEMOLISH, REMOVE, AND DISPOSE OF PAVEMENT, CURB AND SIDEWALK AS NECESSARY TO INSTALL THE NEW WORK. THE LIMIT SHOWN ON THE DEMOLITION INDICATES THE SCOPE TO BE PAID BY UNIT PRICE IN THE CONTRACT. DEMOLITION AND REPLACEMENT BEYOND THIS LIMIT SHALL BE AT THE CONTRACTORS EXPENSE UNLESS SPECIFICALLY APPROVED BY THE OWNER OR ENGINEER.
8. PAYMENT FOR DEMOLITION IS FOR REMOVAL OF ASPHALTIC, CONCRETE OR OTHER HARD SURFACES. THE CONTRACTOR WILL NOT BE PAID FOR GRASS OR EARTH AREAS TO BE GRADED AND/OR REPLACED.
9. BETWEEN SIGNALIZED INTERSECTIONS, NO SIDEWALK SHALL BE REMOVED FROM PEDESTRIAN SERVICE ON ONE SIDE OF THE STREET UNLESS THE SIDEWALK ON THE OPPOSITE SIDE IS OPEN AND REMAINS SO. CONTRACTOR SHALL INSURE PROPER SIGNAGE IS PLACED IN ADVANCE TO WARN PEDESTRIANS OF SIDEWALK CLOSURE AHEAD.
10. SIDEWALK AND CURB & GUTTER TO BE REMOVED AND REPLACED FROM JOINT TO JOINT.
11. CONTRACTOR TO SAWCUT EXISTING ASPHALT FOR SMOOTH JOINT NOT ALIGNED WITH WHEEL PATH.

LAYOUT NOTES:

1. ALL DIMENSIONS ARE TAKEN FROM FACE OF CURB OR WALL UNLESS OTHERWISE NOTED.
2. LAYOUT PLANS AND THE DETAIL SHEETS SHOW THE LAYOUT FOR THE WORK TO BE DONE. IF IT IS DISCOVERED THAT THERE IS A DIFFERENCE BETWEEN SCALED DIMENSIONS AND LAYOUT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CLARIFICATION.
3. THE CONTRACTOR SHALL LAYOUT ENTIRE JOB TO BE REVIEWED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO BEGINNING ANY CONSTRUCTION.

SIDEWALK, PAVING AND GRADING NOTES:

1. THE NEW SIDEWALKS, ROADS, LANDSCAPED ISLANDS AND CROSSWALKS (WHERE APPLICABLE) SHALL BE GRADED IN ACCORDANCE WITH THE PROPOSED ELEVATIONS SHOWN IN THE GRADING PLAN. IN CASES WHERE THE GRADES ARE NOT SHOWN, THE PROPOSED GRADE WILL BE INTERPOLATED BETWEEN SPOT ELEVATIONS. GENERALLY, THE FINISHED SURFACES ARE GRADED FOR PROPER CONVEYANCE OF STORMWATER RUNOFF TO NEW AND EXISTING DRAINAGE INLETS.
2. THE CONTRACTOR SHALL ADJUST, AS NECESSARY, THE EXISTING MANHOLE COVERS, DRAINAGE GRATES, VENT GRATES, VALVE COVERS, ETC. TO MATCH GRADE OF NEW ASPHALT PAVEMENT OR CONCRETE SIDEWALK SURFACES AT NO ADDITIONAL COST TO THE OWNER. ALL WATER METER ADJUSTMENTS SHALL BE PERFORMED BY THE CITY OF WALTERBORO AND COORDINATED WITH THE CONTRACTOR. METER BOXES ARE TO BE TRAFFIC RATED.
3. SIDEWALK SHALL HAVE A MINIMUM ONE-PERCENT (1%) CROSS SLOPE TO ASSURE POSITIVE DRAINAGE TOWARDS THE ROAD. IF POSITIVE DRAINAGE IS NOT ACHIEVED BASED ON ELEVATIONS SHOWN, INFORM THE ENGINEER IMMEDIATELY. MAXIMUM CROSS SLOPE SHALL BE TWO PERCENT (2%) UNLESS WHERE SPECIFICALLY SHOWN.
4. THE CONTRACTOR SHALL CONSTRUCT A SAMPLE PANEL OF THE SCORED CONCRETE, BRICK PAVING, AND ROWLOCK. THESE PANELS SHALL BE APPROVED BEFORE ANY SIDEWALK OR BRICK WORK IS PERFORMED AND WILL BE USED AS A BASIS FOR THE QUALITY WORKMANSHIP OF CONCRETE FINISH AND BRICK WORK FOR THE REMAINDER OF THE PROJECT.
5. ALL STRUCTURES ADJACENT TO BRICK AND CONCRETE PAVEMENT SHALL HAVE EXPANSION MATERIAL BETWEEN THE STRUCTURE AND THE NEW OR EXISTING PAVEMENT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION IN ACCORDANCE WITH THE SPECIFICATIONS. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK.
7. THE CONTRACTOR SHALL VERIFY POSITIVE DRAINAGE IS ACHIEVED FROM ALL AREAS TO NEW AND/OR EXISTING STORM DRAIN INLETS.
8. ALL NEW DRAINAGE STRUCTURES WITHIN SCDOT RIGHT OF WAYS SHALL BE SCDOT STANDARD.

LANDSCAPE NOTES:

1. QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR HIS OR HER OWN TAKE-OFFS. IF THERE IS A CONFLICT BETWEEN QUANTITIES AND SPACING, SPACING SHALL PREVAIL.
2. ALL AREAS NOT COVERED BY CONSTRUCTION OR PLANT BED AREAS, SHALL BE PLACED IN TURF. ALL R.O.W. AREAS BETWEEN PLANT BEDS AND EDGE OF PAVEMENT SHALL BE PLACED IN TURF.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSEES FROM THE PROPER AUTHORITIES BEFORE BEGINNING ANY WORK WITHIN IN THE R.O.W. OR OFF-SITE.

UTILITIES NOTES:

1. EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE DRAWINGS BASED ON THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES PRIOR TO ANY EXCAVATION TO VERIFY ACTUAL FIELD LOCATIONS, PROTECTION AND/OR RELOCATION OF EXISTING UTILITY LINES IN CONFLICT OR ADJACENT TO THE PROPOSED WORK.

SIDEWALK, PAVING AND GRADING NOTES:

1. THE NEW SIDEWALKS, LANDSCAPED STRIPS, AND PLAZAS SHALL BE GRADED WITH THE INTENT TO MATCH EXISTING ELEVATIONS ON SITE. GENERALLY, THE FINISHED SURFACES ARE GRADED FOR PROPER CONVEYANCE OF STORMWATER RUNOFF TO NEW AND EXISTING DRAINAGE INLETS.
2. THE CONTRACTOR SHALL ADJUST, AS NECESSARY, THE EXISTING MANHOLE COVERS, DRAINAGE GRATES, VENT GRATES, VALVE COVERS, ETC. TO MATCH GRADE OF NEW ASPHALT PAVEMENT OR CONCRETE SIDEWALK SURFACES AT NO ADDITIONAL COST TO THE OWNER. ALL WATER METER ADJUSTMENTS SHALL BE PERFORMED BY THE CITY OF WALTERBORO AND COORDINATED WITH THE CONTRACTOR. METER BOXES ARE TO BE TRAFFIC RATED.
3. SIDEWALK SHALL HAVE A MINIMUM ONE-PERCENT (1%) CROSS SLOPE TO ASSURE POSITIVE DRAINAGE TOWARDS THE ROAD. IF POSITIVE DRAINAGE IS NOT ACHIEVED BASED ON ELEVATIONS SHOWN, INFORM THE ENGINEER IMMEDIATELY. MAXIMUM CROSS SLOPE SHALL BE TWO PERCENT (2%).
4. THE CONTRACTOR SHALL CONSTRUCT A SAMPLE PANEL OF THE SCORED CONCRETE, BRICK PAVING, AND ROWLOCK. THESE PANELS SHALL BE APPROVED BEFORE ANY SIDEWALK OR BRICK WORK IS PERFORMED AND WILL BE USED AS A BASIS FOR THE QUALITY WORKMANSHIP OF CONCRETE FINISH AND BRICK WORK FOR THE REMAINDER OF THE PROJECT.
5. ALL STRUCTURES ADJACENT TO BRICK AND CONCRETE PAVEMENT SHALL HAVE EXPANSION MATERIAL BETWEEN THE STRUCTURE AND THE NEW OR EXISTING PAVEMENT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION IN ACCORDANCE WITH THE SPECIFICATIONS. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK.
7. THE CONTRACTOR SHALL VERIFY POSITIVE DRAINAGE IS ACHIEVED FROM ALL AREAS TO NEW AND/OR EXISTING STORM DRAIN INLETS.
8. ALL NEW DRAINAGE STRUCTURES WITHIN SCDOT RIGHT OF WAYS SHALL BE SCDOT STANDARD.

EROSION CONTROL NOTES:

1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING/HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. 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 ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY 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. 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 COMPLETED AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE 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. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ AND SCR100000.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. 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-FT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10-FT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WoS.
10. 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.
11. A COPY OF THE SWPPP, INSPECTION 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 THE FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. 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.
15. 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.).
16. 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, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS.
   - »FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE.
   - »SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. 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.
19. 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 MORE THAN 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

CERTIFICATION:

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.

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SOUTH CAROLINA — THE LANDPLAN GROUP SOUTH, INC. — No. 153 — CERTIFICATE OF AUTHORIZATION

State of South Carolina — REGISTERED LANDSCAPE ARCHITECT — No. 730 — CHARLES W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
NOTES

JOB #: 1175
SCALE: N.T.S.
SHEET: 2.0 OF 10.3

N

BETHEL UNITED METHODIST CHURCH
TMS 163-12-00-183
REF. No. –

ONE STORY BRICK

IPTC INVESTMENTS LLC
TMS 163-12-00-186
REF. No. 6

ONE STORY BLOCK

ION VENTURE LLC
TMS 163-12-00-185
REF. No. 10

HAMPTON STREET
SC 63
50' R/W

15' DRIVEWAY EASEMENT
REF. No. 4

FIRE STATION

COLLETON VOLUNTEER FIREMANS ASSOCIATION
TMS 163-12-00-180
REF. No. 7

ANDREW M. ULMER
TMS 163-12-00-188
REF. No. 8

- REMOVE EXISTING SOD/ DIRT; TYPICAL
- REMOVE EXISTING CONCRETE; TYPICAL
- EXISTING OVERHEAD UTILITY LINES TO BE REMOVED, TYPICAL; SEE UTILITY PLAN, SHEET ES100 FOR RELOCATION INFORMATION; TYPICAL
- EXISTING UTILITY POLE TO BE REMOVED; TYPICAL
- EXISTING WATER METER TO REMAIN
- UNDERGROUND GAS LINE TO REMAIN UNDISTURBED
- EXISTING MAN HOLE TO REMAIN; TYPICAL
- EXISTING DROP INLET TO REMAIN
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING SOD
- EXISTING CONCRETE ON ADJACENT PROPERTY TO BE REMOVED; CONTRACTOR TO COORDINATE WITH PROPERTY OWNER
- REMOVE EXISTING ROCK/ GRAVEL; TYPICAL
- REMOVE EXISTING TREES; TYPICAL
- WATER METERS TO REMAIN; TYPICAL
- WELL TO REMAIN; TYPICAL
- REMOVE EXISTING ASPHALT IN THIS AREA; TYPICAL
- EXISTING CHAIN LINK FENCE TO BE REMOVED; TYPICAL
- EXISTING WATER TOWER TO REMAIN
- REMOVE EXISTING SOD; TYPICAL
- EXISTING WOOD FENCE TO BE REMOVED; TYPICAL
- UNDERGROUND GAS LINE TO REMAIN UNDISTURBED; TYPICAL
- EXISTING CONCRETE OVER PROPERTY LINE TO REMAIN; TYPICAL
- SAWCUT AND REMOVE EXISTING CURB & GUTTER AND SIDEWALK
- EXISTING TELECOMMUNICATION TO BE RELOCATED; SEE LAYOUT PLAN; CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES; TYPICAL
- EXISTING ADJACENT CURB ON PROPERTY LINE TO REMAIN
- EXISTING UTILITY POLE TO BE REMOVED; TYPICAL
- SAWCUT OR BORE FOR UTILITY LINE RELOCATION, SEE SHEET ES100

0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

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FILE NAME: 1175-EX & DM-PL	DWN. OME	CHKD. CWH	DSGN. CWH 02.27.25 MM.DD.YY

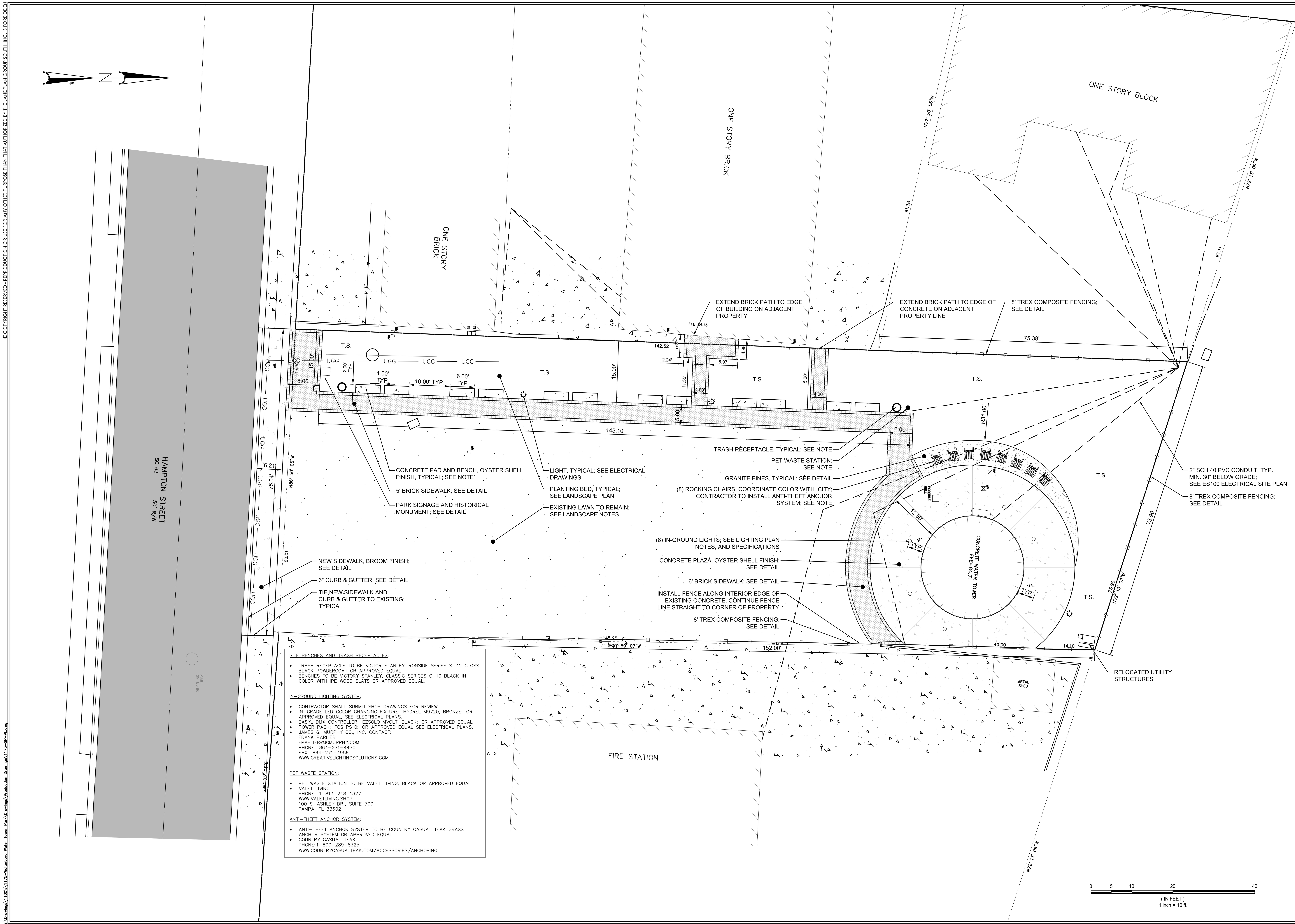
SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1750
CHARLES W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
EX. CONDITIONS & DEMO. PLAN

JOB #: 1175
SCALE: 1" = 10'
SHEET: 3.0 OF 10.3

S:\Drawings\1100's\1175--Walterboro Water Tower Park\Drawings\Production Drawings\1175-EX & DM-PL.dwg


ONE STORY BRICK
ONE STORY BRICK
ONE STORY BLOCK
HAMPTON STREET
SC 63
50' R/W
FIRE STATION
METAL SHED
CONCRETE WATER TOWER
FFE=84.71
T.S.
UGG
EXTEND BRICK PATH TO EDGE OF BUILDING ON ADJACENT PROPERTY
EXTEND BRICK PATH TO EDGE OF CONCRETE ON ADJACENT PROPERTY LINE
8' TREX COMPOSITE FENCING; SEE DETAIL
CONCRETE PAD AND BENCH, OYSTER SHELL FINISH, TYPICAL; SEE NOTE
5' BRICK SIDEWALK; SEE DETAIL
PARK SIGNAGE AND HISTORICAL MONUMENT; SEE DETAIL
LIGHT, TYPICAL; SEE ELECTRICAL DRAWINGS
PLANTING BED, TYPICAL; SEE LANDSCAPE PLAN
EXISTING LAWN TO REMAIN; SEE LANDSCAPE NOTES
TRASH RECEPTACLE, TYPICAL; SEE NOTE
PET WASTE STATION; SEE NOTE
GRANITE FINES, TYPICAL; SEE DETAIL
(8) ROCKING CHAIRS, COORDINATE COLOR WITH CITY; CONTRACTOR TO INSTALL ANTI-THEFT ANCHOR SYSTEM; SEE NOTE
(8) IN-GROUND LIGHTS; SEE LIGHTING PLAN NOTES, AND SPECIFICATIONS
CONCRETE PLAZA, OYSTER SHELL FINISH; SEE DETAIL
6' BRICK SIDEWALK; SEE DETAIL
INSTALL FENCE ALONG INTERIOR EDGE OF EXISTING CONCRETE, CONTINUE FENCE LINE STRAIGHT TO CORNER OF PROPERTY
8' TREX COMPOSITE FENCING; SEE DETAIL
NEW SIDEWALK, BROOM FINISH; SEE DETAIL
6" CURB & GUTTER; SEE DETAIL
TIE NEW SIDEWALK AND CURB & GUTTER TO EXISTING; TYPICAL
2" SCH 40 PVC CONDUIT, TYP.; MIN. 30" BELOW GRADE; SEE ES100 ELECTRICAL SITE PLAN
8' TREX COMPOSITE FENCING; SEE DETAIL
RELOCATED UTILITY STRUCTURES
145.10'
152.00'
75.38'
73.90'
R31.00'
6.00'
15.00'
10.00' TYP.
6.00' TYP.
1.00' TYP.
8.00'
75.04'
6.21'
N86° 50' 05"W
N77° 20' 56"W
N72° 13' 09"W
S86° 03' 06"E
0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

<u>SITE BENCHES AND TRASH RECEPTACLES:</u>

- TRASH RECEPTACLE TO BE VICTOR STANLEY IRONSIDE SERIES S-42 GLOSS BLACK POWDERCOAT OR APPROVED EQUAL
- BENCHES TO BE VICTORY STANLEY, CLASSIC SERICES C-10 BLACK IN COLOR WITH IPE WOOD SLATS OR APPROVED EQUAL.

<u>IN-GROUND LIGHTING SYSTEM:</u>

- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.
- IN-GRADE LED COLOR CHANGING FIXTURE: HYDREL M9720, BRONZE; OR APPROVED EQUAL, SEE ELECTRICAL PLANS.
- EASYL DMX CONTROLLER: EZSOLO MVOLT, BLACK; OR APPROVED EQUAL
- POWER PACK: FCS PS10; OR APPROVED EQUAL SEE ELECTRICAL PLANS.
- JAMES G. MURPHY CO., INC. CONTACT:
  FRANK PARLIER
  FPARLIER@JGMURPHY.COM
  PHONE: 864-271-4470
  FAX: 864-271-4956
  WWW.CREATIVELIGHTINGSOLUTIONS.COM

<u>PET WASTE STATION:</u>

- PET WASTE STATION TO BE VALET LIVING, BLACK OR APPROVED EQUAL
- VALET LIVING:
  PHONE: 1-813-248-1327
  WWW.VALETLIVING.SHOP
  100 S. ASHLEY DR., SUITE 700
  TAMPA, FL 33602

<u>ANTI-THEFT ANCHOR SYSTEM:</u>

- ANTI-THEFT ANCHOR SYSTEM TO BE COUNTRY CASUAL TEAK GRASS ANCHOR SYSTEM OR APPROVED EQUAL
- COUNTRY CASUAL TEAK:
  PHONE: 1-800-289-8325
  WWW.COUNTRYCASUALTEAK.COM/ACCESSORIES/ANCHORING

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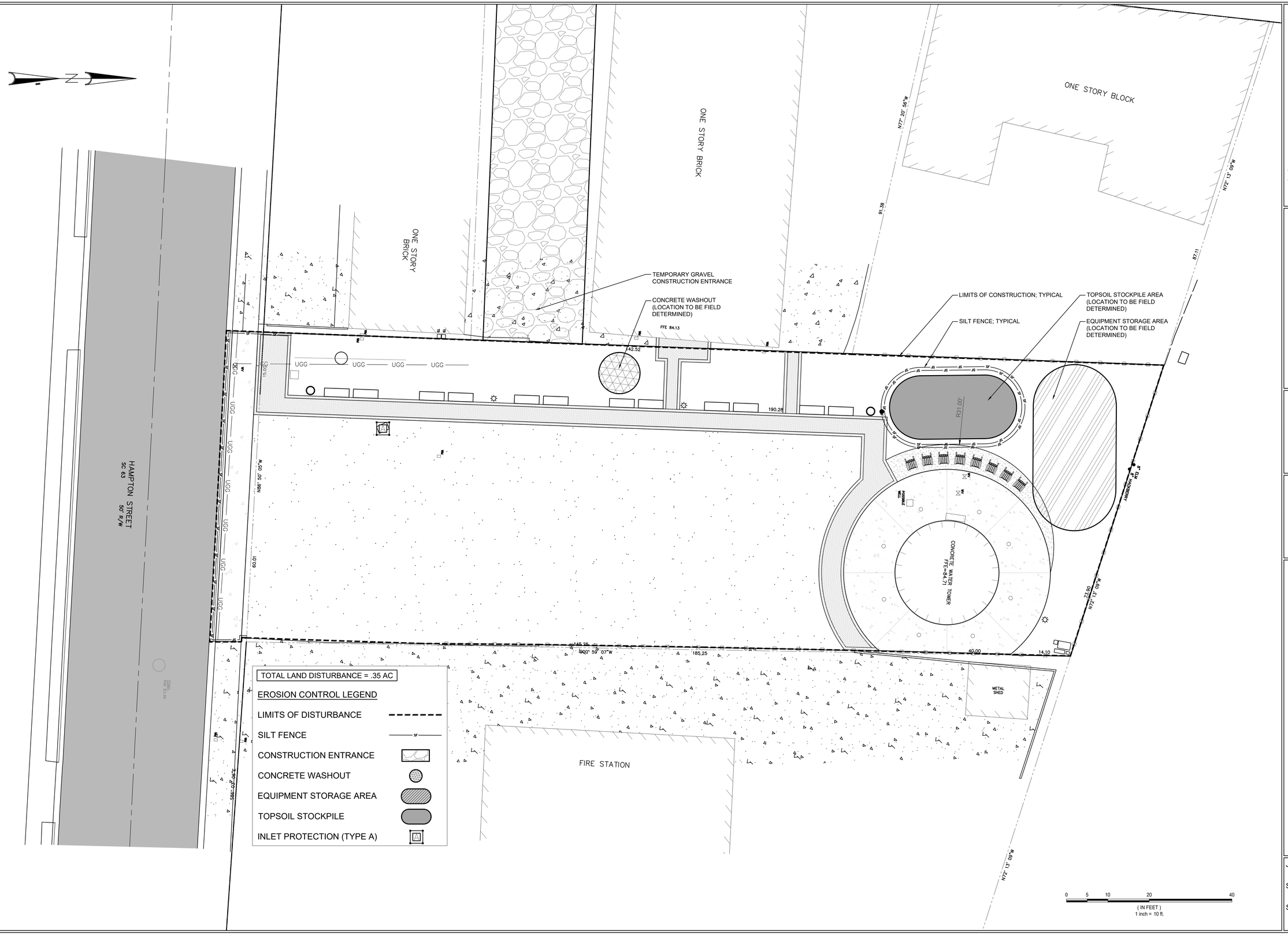
FILE NAME: 1175-SP-PL	DWN. OME	CHKD. CWH	DSGN. CWH	02.27.25

THE LANDPLAN GROUP SOUTH, INC. No. 153 — SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

State of South Carolina — REGISTERED LANDSCAPE ARCHITECT — No. 1730 — C. W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
LAYOUT PLAN

JOB #: 1175
SCALE: 1" = 10'
SHEET: 4.0 OF 10.3



TOTAL LAND DISTURBANCE = .35 AC

EROSION CONTROL LEGEND

- LIMITS OF DISTURBANCE
- SILT FENCE
- CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT
- EQUIPMENT STORAGE AREA
- TOPSOIL STOCKPILE
- INLET PROTECTION (TYPE A)

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FILE NAME: 1175-EC-PL		DWN. OME	CHKD. CWH	DSGNL CWH	02.27.25 MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

STATE of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1750
CHARLES W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
EROSION CONTROL PLAN

JOB #: 1175
SCALE: 1" = 10'
SHEET: 5.0 OF 10.3

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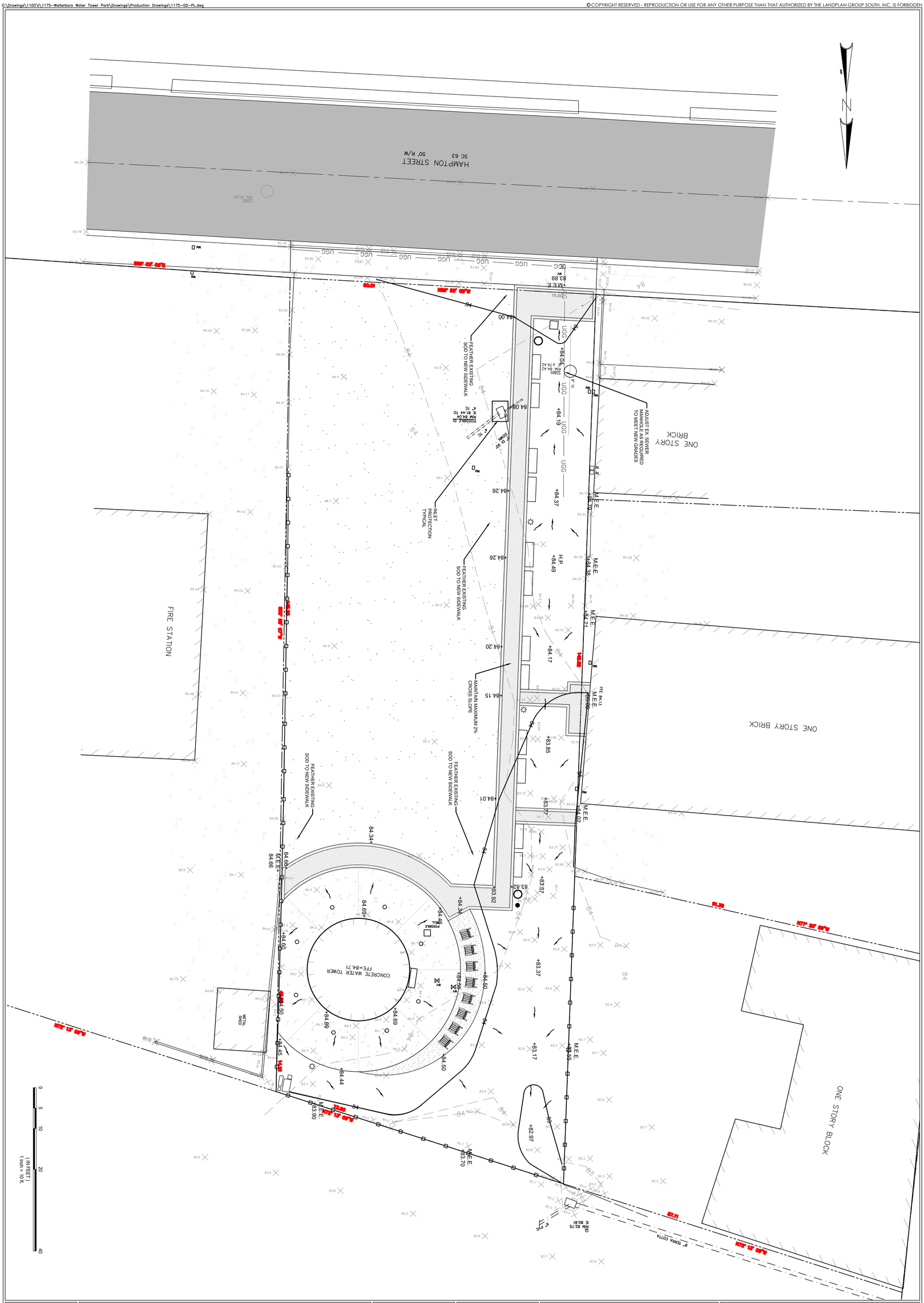

WATER TOWER PARK

CONSTRUCTION DRAWINGS

WALTERBORO, SOUTH CAROLINA

GRADING PLAN

JOB #: 1175

SCALE: 1" = 10'

SHEET: 6.0 OF 10.3

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N

ONE STORY BRICK

ONE STORY BRICK

ONE STORY BLOCK

N77° 20' 56"W

91.38

N72° 13' 09"W

87.11

FFE 84.13

142.52

UGG — UGG — UGG — UGG

15.00

UGG — UGG — UGG — UGG — UGG — UGG

HAMPTON STREET
SC 63
50' R/W

N85° 50' 05"W

60.01

2" SCH 40 PVC CONDUIT, TYP.;
MIN. 30" BELOW GRADE;
SEE ELECTRICAL UTILITY
RELOCATION PLAN

CONCRETE WATER TOWER
FFE=84.71

23.90

N72° 13' 09"W

145.25

S00° 59' 07"W

40.00

14.10

METAL SHED

FIRE STATION

S88° 03' 04"E

N72° 13' 09"W

0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

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FILE NAME: 1175-UT-PL	DWN. OME	CHKD. CWH	DSGN. CWH
			02.27.25 MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1330
CHRISTOPHER W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
UTILITY PLAN

JOB #: 1175
SCALE: 1" = 10'
SHEET: 7.0 OF 10.3

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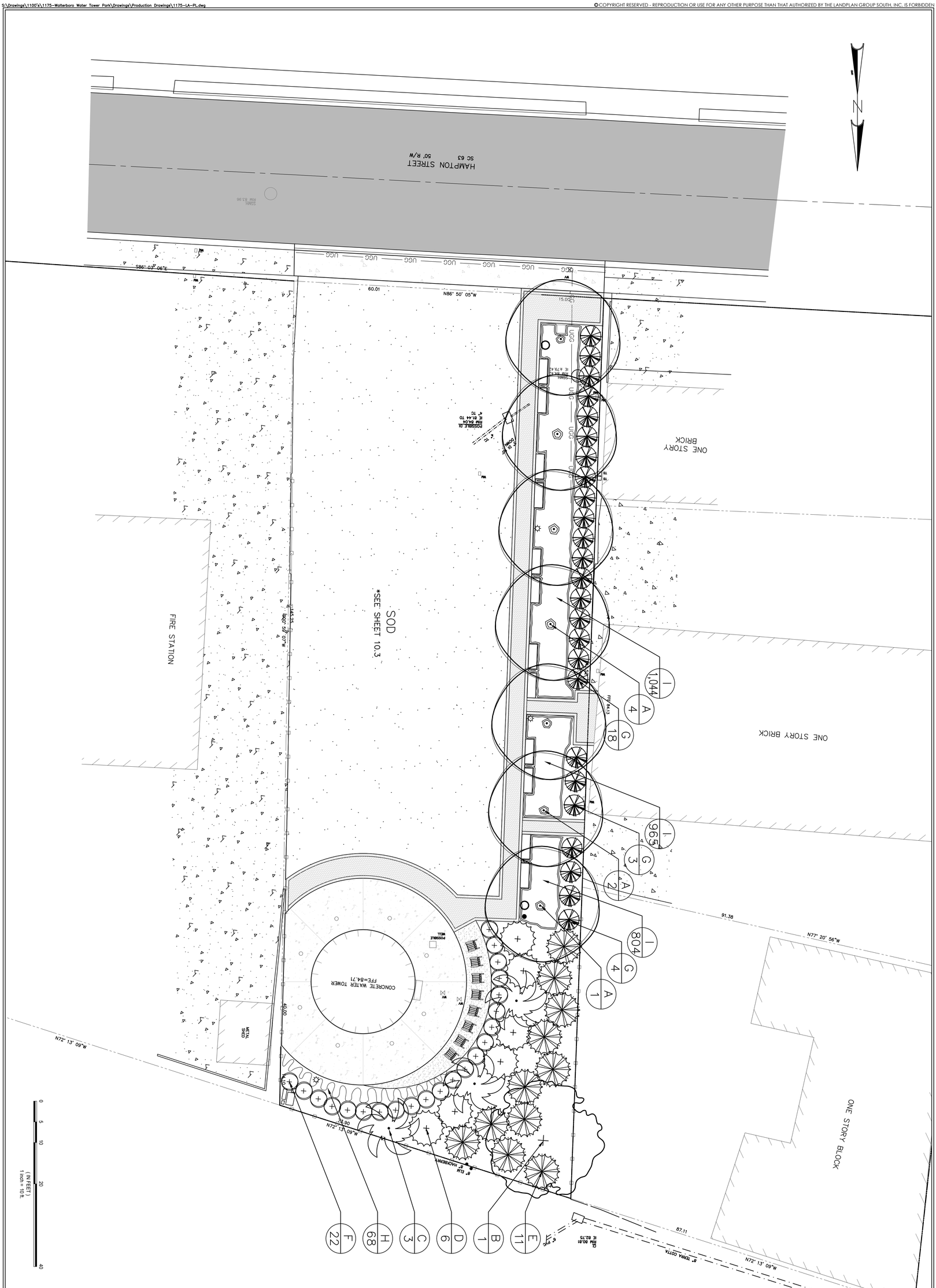

0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

JOB #: 1175
SCALE: 1" = 10'
SHEET: 8.0 OF 10.3

WATER TOWER PARK

CONSTRUCTION DRAWINGS

WALTERBORO, SOUTH CAROLINA

LANDSCAPE PLAN

STATE OF SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1140 CHRISTOPHER W. HOWELL

CERTIFICATE OF AUTHORIZATION THE LANDPLAN GROUP SOUTH No. 1133

REVISION	BY	APPD.	MM.DD.YY
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FILE NAME: 1175-LA-PL	DWN.	CHKD.	DSGN.	02.27.25 MM.DD.YY
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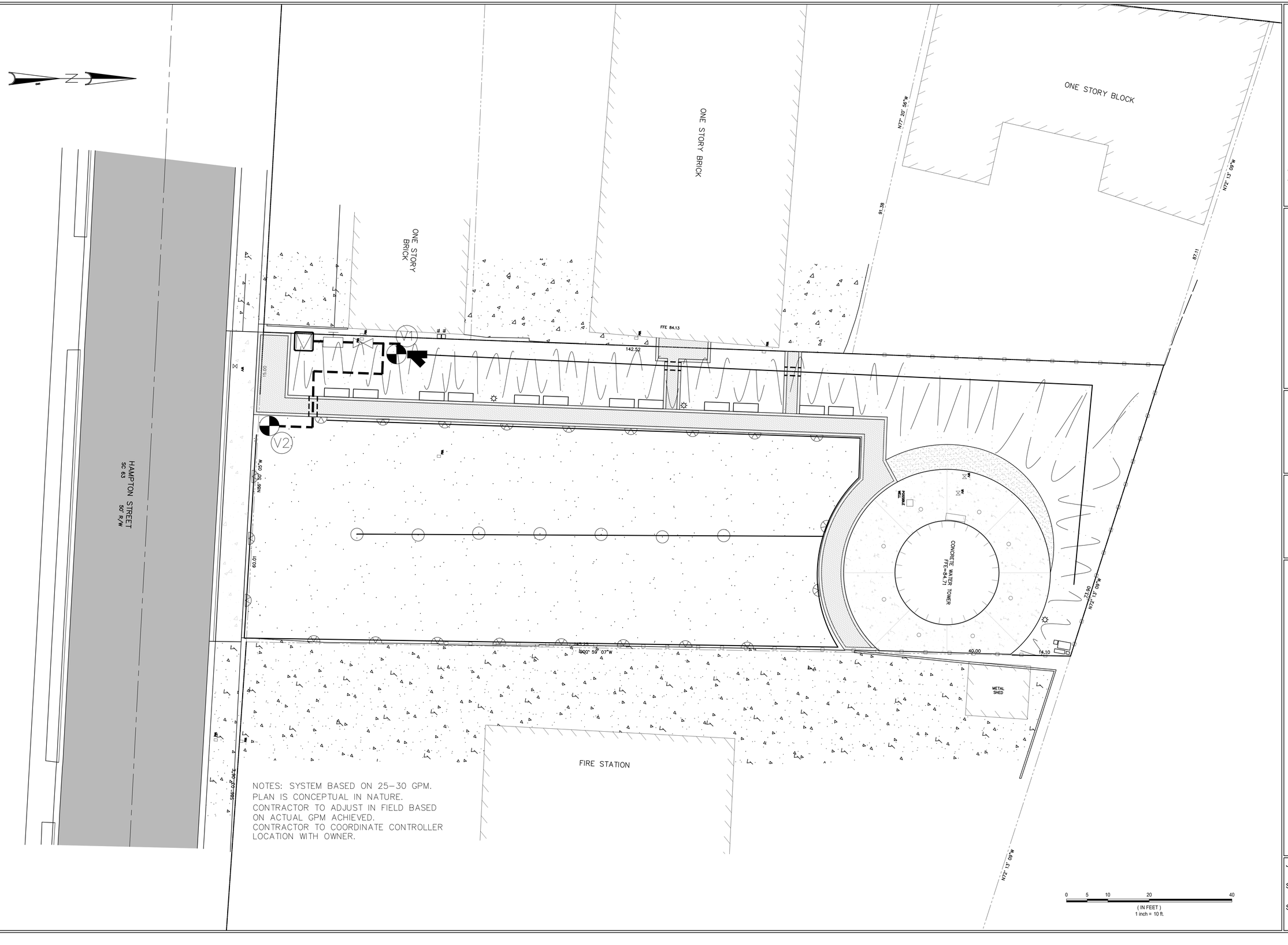

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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 730
CHRISTOPHER W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
IRRIGATION PLAN

JOB #: 1175
SCALE: 1" = 10'
SHEET: 9.0 OF 10.3

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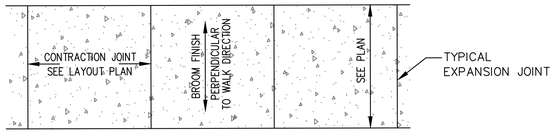
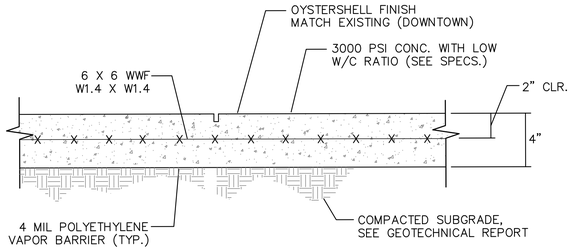


PLAN VIEW

NOTE:
ALL JOINTS SHALL BE SAWN WITH ROUTER BLADE TO SIMULATE TOOLED JOINT.

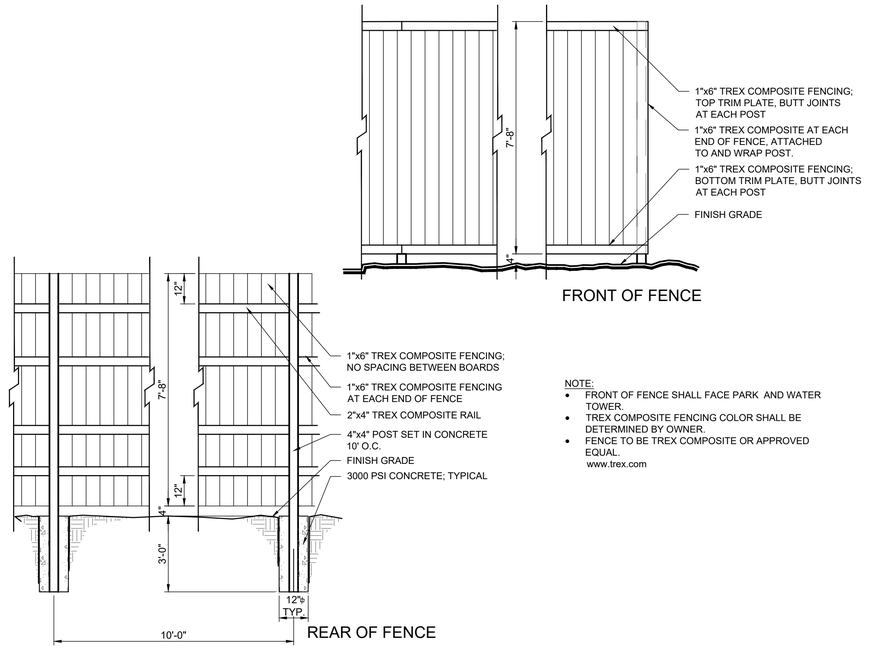


SECTION VIEW

NOTES

1. SIDEWALK CROSS SLOPE BE NO STEEPER THAN 1:48 AND SHALL MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SECTION 403.3).
2. EXPANSION JOINTS SHALL BE PROVIDED EVERY 30' IN ACCORDANCE WITH TYPICAL EXPANSION JOINT DETAIL.
3. ALL JOINTS SHALL BE SAWN WITH ROUTER BLADE TO SIMULATE TOOLED JOINT.
4. ALL SIDEWALKS TO HAVE OYSTER SHELL FINISH.

00 SIDEWALK DETAIL
NOT TO SCALE



NOTE:
- FRONT OF FENCE SHALL FACE PARK AND WATER TOWER.
- TREX COMPOSITE FENCING COLOR SHALL BE DETERMINED BY OWNER.
- FENCE TO BE TREX COMPOSITE OR APPROVED EQUAL.
  www.trex.com

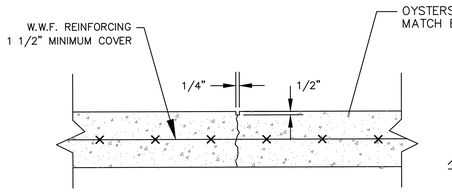
00 8' TREX COMPOSITE FENCING
NOT TO SCALE

VICTOR STANLEY:
WWW.VICTORYSTANLEY.COM
1-800-368-2573

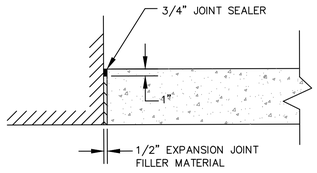
VICTOR STANLEY:
MODEL: IRONSITES S-42
BLACK IN COLOR

VICTOR STANLEY:
MODEL: CLASSIC C-10 BLACK
IPE WOOD SLATES

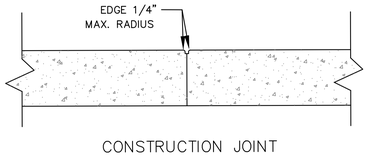
00 SITE FURNITURE
NOT TO SCALE



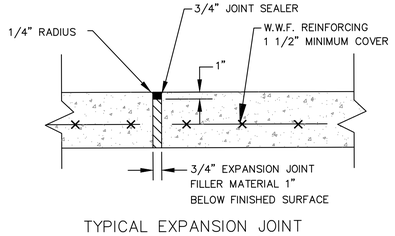
CONTRACTION JOINT
(SAWN JOINT TO LOOK
LIKE TOOL JOINT)



EXPANSION JOINT BETWEEN
CONCRETE AND STRUCTURES



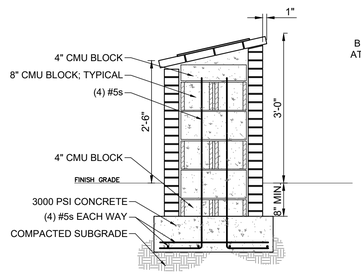
CONSTRUCTION JOINT

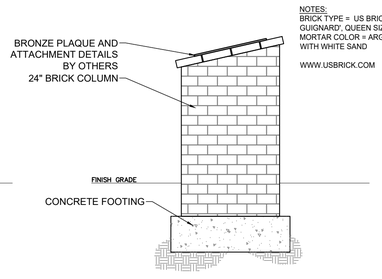


TYPICAL EXPANSION JOINT
(FOR SIDEWALK)

NOTES:
1. PROVIDE JOINTS AT END OF POUR.
2. STOP SLAB REINFORCING ONE INCH FROM JOINT.
3. CONCRETE SCORING 5' O.C. AND EXPANSION JOINTS AT 30' O.C.

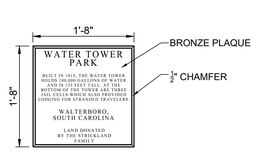
00 TYPICAL SIDEWALK AND CONCRETE JOINT DETAILS
NOT TO SCALE





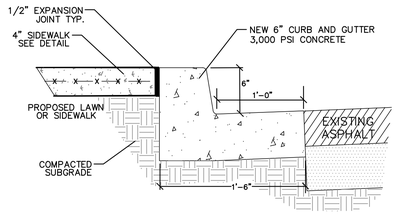
NOTES:
BRICK TYPE = US BRICK - 'OLD GUIGNARD', QUEEN SIZE
MORTAR COLOR = ARGOS SAHARA WITH WHITE SAND

WWW.USBRICK.COM



NOTES:
1. CITY TO VERIFY WORDING OF TEXT.
2. TEXT TO BE TIMES NEW ROMAN AS SHOWN.
3. CENTER PLAQUE ON BRICK CAP.

00 ENTRANCE SIGN
NOT TO SCALE



00 6" CURB AND GUTTER
NOT TO SCALE

00 ORNAMENTAL LIGHTING, SEE ELECTRICAL PLAN
NOT TO SCALE

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FILE NAME: 1175-DT-PL

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 730
C. W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
DETAILS

JOB #: 1175
SCALE: N.T.S.
SHEET: 10.0 OF 10.3

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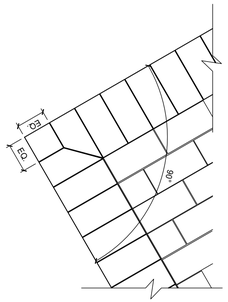
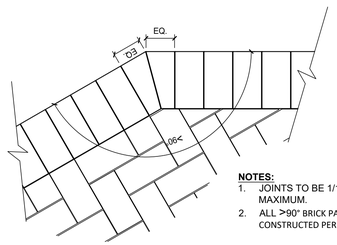


NOTES:
1. JOINTS TO BE 1/16" MINIMUM TO 3/16" MAXIMUM.
2. ALL 90° BRICK PAVING AREAS TO BE CONSTRUCTED PER THIS DETAIL.

00 BRICK HEADER 90° JOINT

NOT TO SCALE

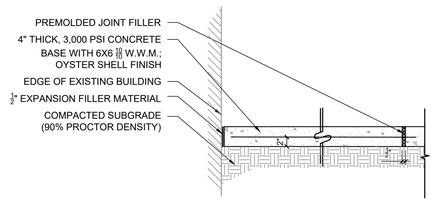


NOTES:
1. JOINTS TO BE 1/16" MINIMUM TO 3/16" MAXIMUM.
2. ALL >90° BRICK PAVING AREAS TO BE CONSTRUCTED PER THIS DETAIL.

00 BRICK HEADER >90° JOINT

NOT TO SCALE

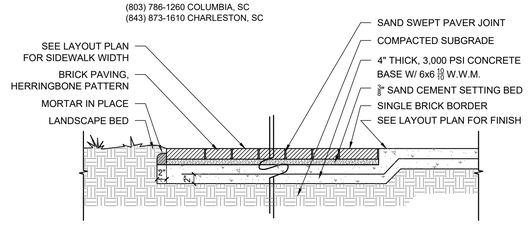
NOTE:
1. SLOPE TO GRADE AWAY FROM BUILDING TO DRAIN.
2. USE ONLY WHERE ABUTTING EXISTING BUILDING.
3. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS IS 30'.



00 CONCRETE AT EXISTING BUILDING

NOT TO SCALE

BRICK TO BE:
RUMBLED FULL RANGE
(OR APPROVED EQUAL)
PINEHALL BRICK COMPANY, INC.
1-800-952-7425
www.pinehallbrick.com
AVAILABLE THROUGH MERIDIAN BRICK
(803) 786-1260 COLUMBIA, SC
(843) 873-1610 CHARLESTON, SC



00 BRICK PAVING AT CONCRETE

NOT TO SCALE

BRICK TO BE:
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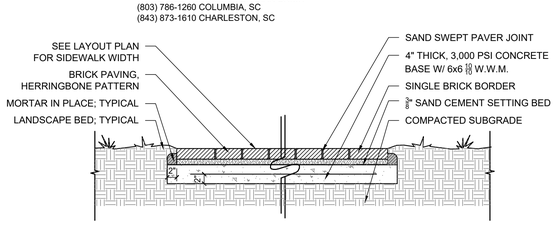
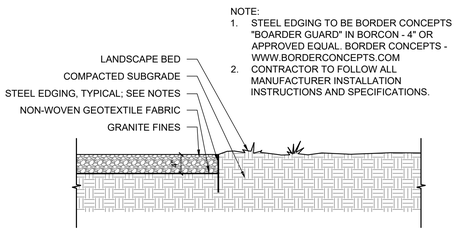
(OR APPROVED EQUAL)
PINEHALL BRICK COMPANY, INC.
1-800-952-7425
www.pinehallbrick.com
AVAILABLE THROUGH MERIDIAN BRICK
(803) 786-1260 COLUMBIA, SC
(843) 873-1610 CHARLESTON, SC



00 BRICK PAVING AT LANDSCAPE BEDS

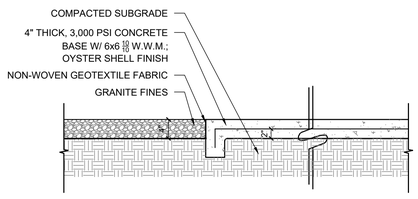
NOT TO SCALE

NOTE:
1. STEEL EDGING TO BE BORDER CONCEPTS "BOARDER GUARD" IN BORCON - 4" OR APPROVED EQUAL. BORDER CONCEPTS - WWW.BORDERCONCEPTS.COM
2. CONTRACTOR TO FOLLOW ALL MANUFACTURER INSTALLATION INSTRUCTIONS AND SPECIFICATIONS.



00 GRANITE FINES AT LANDSCAPE BED

NOT TO SCALE



00 GRANITE FINES AT CONCRETE

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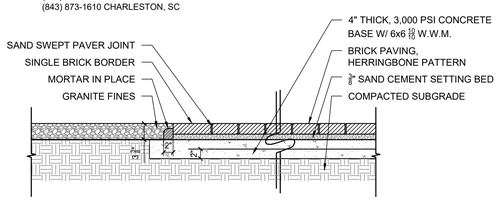

00 GRANITE FINES AT BRICK PAVING

NOT TO SCALE

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LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
1206 SCOTT STREET
COLUMBIA, SC 29201
803.256.0562
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FILE NAME: 1175-DT-PL	OME	CWH	02.27.25
	DWN.	CHKD.	DSGN. MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

Registered Landscape Architect
State of South Carolina
No. 1330
CHRISTOPHER W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
DETAILS

JOB #: 1175
SCALE: N.T.S.
SHEET: 10.1 OF 10.3

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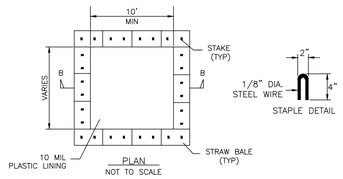
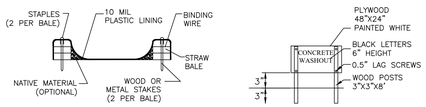


TYPE "ABOVE GRADE" WITH STRAW BALES



SECTION B–B
NOT TO SCALE

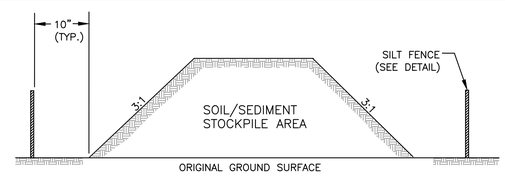
CONCRETE WASHOUT SIGN DETAIL
(OR EQUIVALENT)

NOTES

1. ACTUAL LOCATION SHOWN ON SHEET 5.
2. ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASHOUT AREA.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
4. ONCE CONCRETE WASTES ARE WASHED INTO THE WASHOUT AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF PER WM-5, SOLID WASTE MANAGEMENT.
5. WASHOUT AREAS MUST BE CLEANED OUT WHEN IT IT 75% FULL.
6. WHEN WASHOUT AREA IS NO LONGER NEEDED, MATERIALS USED TO CONSTRUCT THE WASHOUT AREA SHOULD BE REMOVED FROM THE SITE AND DISPOSED OF.
7. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE CONCRETE WASHOUT AREA SHOULD BE BACKFILLED AND REPAIRED.

00 CONCRETE WASHOUT AREA DETAIL (IF NECESSARY)

NOT TO SCALE



NOTES:

1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCK PILE OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN-GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS. TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTION. ROUTINE MAINTENANCE AND REGULAR SEDIMENT REMOVAL.

00 TEMPORARY STOCKPILE AREA DETAIL

NOT TO SCALE

CONSTRUCTION ENTRANCE – GENERAL NOTES

1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non–woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2–inch to 3–inch D50 stone placed at a minimum depth of 6–inches.
5. Minimum dimensions of the entrance shall be 24–feet wide by 100–feet long, and may be modified as necessary to accommodate site constraints.
6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.
7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
8. Limestone may not be used for the stone pad.

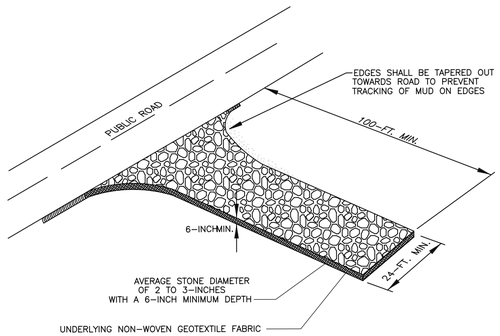
CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.

CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

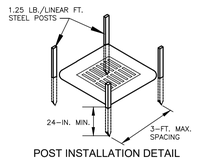
3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
4. Reshape the stone pad as necessary for drainage and runoff control.
5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off–site by vehicles. Frequent washing will extend the useful life of stone pad.
6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
7. During maintenance activities, any broken pavement should be repaired immediately.
8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post–construction.

SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	24 FEET
ROCK PAD LENGTH	100 FEET
ROCK PAD STONE SIZE	D = 2–3 INCHES

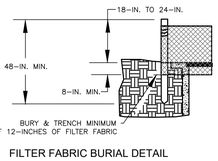


00 CONSTRUCTION ENTRANCE DETAIL

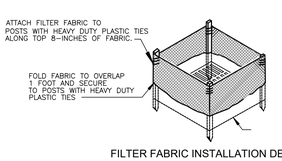
NOT TO SCALE



POST INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL



FILTER FABRIC INSTALLATION DETAIL

PLAN SYMBOL

[A]

TYPE A – FILTER FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   – Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   – Free of any treatment or coating which might adversely alter its physical properties after installation;
   – Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   – Have a minimum width of 36–inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12–inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24–inches above the ground.

TYPE A – POST REQUIREMENTS

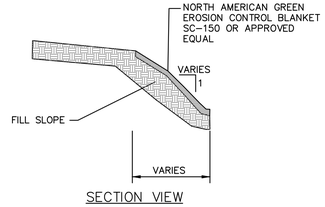
1. Silt Fence posts must be 48–inch long steel posts that meet, at a minimum, the following physical characteristics.
   – Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   – Include a standard "T" section with a nominal face width of 1.38–inchesand a nominal "T" length of 1.48–inches.
   – Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Install posts to a minimum of 24–inches. A minimum height of 1– to 2– inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
4. Post spacing shall be at a maximum of 3–feet on center.

TYPE A – INSPECTION & MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of inlet protection shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations along the filter fabric is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the filter fabric. When a sump is installed in front of the fabric, sediment should be removed when it fills approximately 1/3 the depth of the sump.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the filter fabric, or where the fabric has sagged or collapsed due to runoff overtopping the inlet protection.
7. Check for tears within the filter fabric, areas where fabric has begun to decompose, and for any other circumstance that may render the inlet protection ineffective. Removed damaged fabric and reinstall new filter fabric immediately.
8. Inlet protection structures should be removed after all the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

00 FILTER FABRIC INLET PROTECTION - TYPE A

NOT TO SCALE



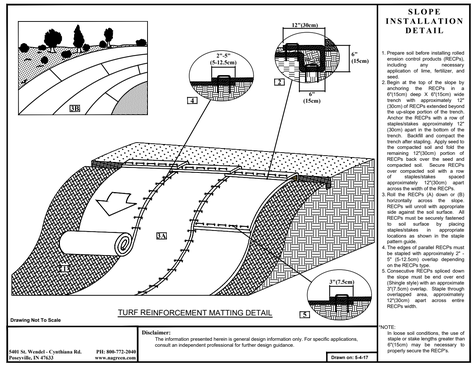
SECTION VIEW

NOTES:

1. SEED AND FERTILIZE AREA PRIOR TO BLANKET INSTALLATION.
2. STAKE/STAPLE OR OTHERWISE FIX BLANKET IN PLACE PER MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR SHALL SUBMIT EROSION CONTROL BLANKET SHOP DRAWING AND/OR MANUFACTURER SUPPLIED SPECIFICATIONS. INSTALLATION DETAILS AND INSTRUCTIONS 10 DAYS PRIOR TO PROPOSED USAGE FOR ENGINEER'S APPROVAL.

00 EROSION CONTROL MATTING DETAIL

NOT TO SCALE



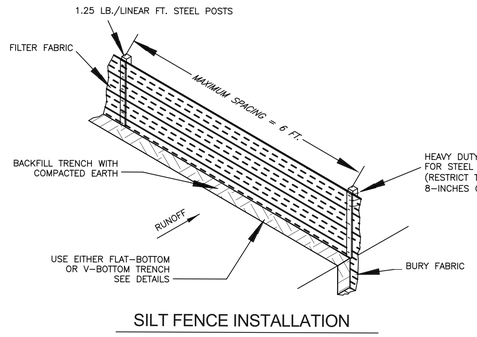
SLOPE INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer and seed.
2. Beginning at the top of the slope by anchoring the RECPs in a 6"(15cm) deep X 6"(15cm) wide trench with approximately 12" (30cm) of RECPs extended beyond the up-slope portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12" (30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12" (30cm) portion of the RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes approximately 12"(30cm) apart across the width of the RECPs.
3. Roll the RECPs (A) down or (B) horizontally across the slope. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel RECPs must be stapled with approximately 2" - 5" (5-12.5cm) overlap depending on the type of RECP.
5. Consecutive RECPs spliced down the slope must be end over end (Shingle style) with an approximate 3"(7.5cm) overlap. Staple through overlapped area, approximately 12"(30cm) apart across entire RECPs width.

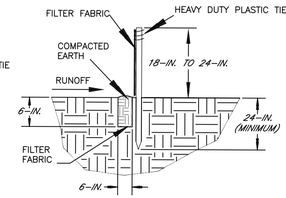
NOTE:
In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the RECPs.

00 SILT FENCE GENERAL NOTES AND DETAIL

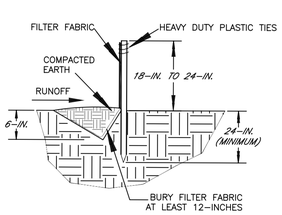
NOT TO SCALE



SILT FENCE INSTALLATION



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

SILT FENCE - POST REQUIREMENTS

1. Silt Fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17-square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
4. Install posts to a minimum of 24-inches. A minimum height of 1- to 2- inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
5. Post spacing shall be at a maximum of 6-feet on center.

SILT FENCE - INSPECTION & MAINTENANCE

1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie-backs and/or reinstall silt fence, as necessary.
7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

SILT FENCE - FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   - Free of any treatment or coating which might adversely alter its physical properties after installation;
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36-inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24-inches above the ground.

SILT FENCE - GENERAL NOTES

1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
2. Maximum sheet or overland flow path length to the silt fence shall be 100-feet.
3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
4. Silt fence joints, when necessary, shall be completed by one of the following options:
   - Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap;
   - Overlap silt fence by installing 3-feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy-duty plastic ties; or,
   - Overlap entire width of each silt fence roll from one support post to the next support post.
5. Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
7. Install Silt Fence Checks (Tie-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

THE LANDPLAN GROUP SOUTH
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803.256.0562
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	DWN.	CHKD.	DSGN. MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 130
W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
DETAILS

JOB #: 1175
SCALE: N.T.S.
SHEET: 10.2 OF 10.3

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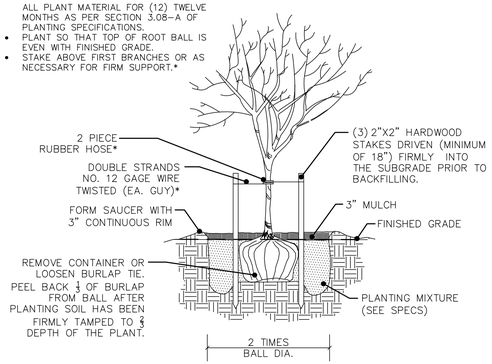
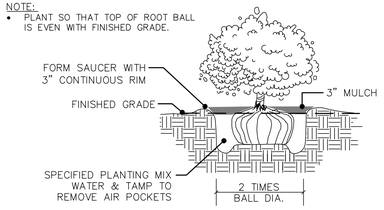
NOTE:
- *THE CONTRACTOR SHALL STAKE AND WRAP TREES AT HIS OR HER OWN DISCRETION.
- THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR (12) TWELVE MONTHS AS PER SECTION 3.08-A OF PLANTING SPECIFICATIONS.
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH FINISHED GRADE.
- STAKE ABOVE FIRST BRANCHES OR AS NECESSARY FOR FIRM SUPPORT.*



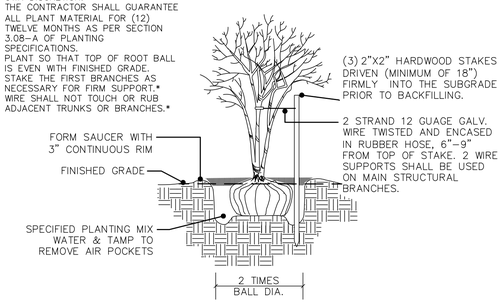
LARGE TREE PLANTING & STAKING DETAIL
not to scale

NOTE:
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH FINISHED GRADE.



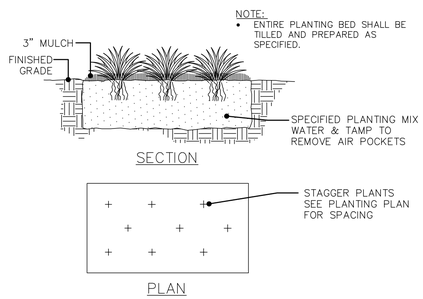
SHRUB PLANTING DETAIL
not to scale

NOTE:
- *THE CONTRACTOR SHALL STAKE AND WRAP TREES AT HIS OR HER OWN DISCRETION.
- THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR (12) TWELVE MONTHS AS PER SECTION 3.08-A OF PLANTING SPECIFICATIONS.
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH FINISHED GRADE.
- STAKE THE FIRST BRANCHES AS NECESSARY FOR FIRM SUPPORT.*
- WIRE SHALL NOT TOUCH OR RUB ADJACENT TRUNKS OR BRANCHES.*

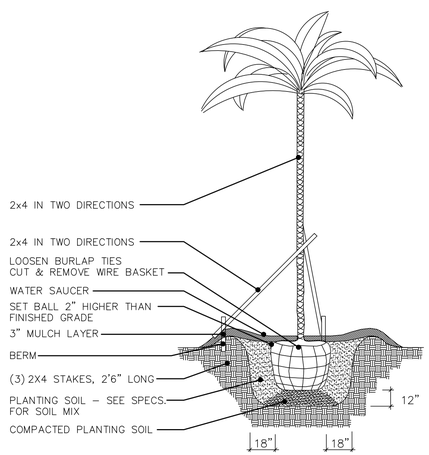


SMALL & MULTI-TRUNK TREE PLANTING & STAKING DETAIL
not to scale

NOTE:
- ENTIRE PLANTING BED SHALL BE TILLED AND PREPARED AS SPECIFIED.



PLANTING BED DETAIL
not to scale

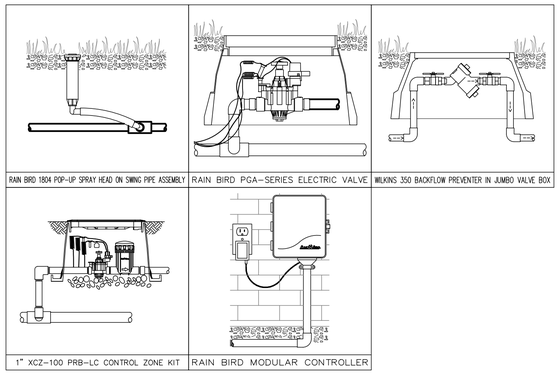


PALMETTO TREE PLANTING DETAIL
not to scale

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA
CALL 1-800-922-0983
UNDERGROUND LOCATORS.
CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

PUPS 811 — 1-888-721-7877 • www.scupps.org — Know what's below. Call before you dig.

@ PLANT KEY
# QUANTITY



LEGEND

SYMBOL	DESCRIPTION
	RAIN BIRD INLINE DRIP TUBING ON 18" SPACING
	RAIN BIRD 1804 POP-UP SPRAY HEADS WITH THE FOLLOWING NOZZLES:
	12Q
	12H
	12TQ
	12F
	1" RAIN BIRD XCZ-LC DRIP ASSEMBLY
	RAIN BIRD 100-PGA ELECTRIC VALVES
	RAIN BIRD ESP-MODULAR CONTROLLER
	1½" WILKINS WK350 BACKFLOW PREVENTER
	1½" BRONZE BALL VALVE
	1" METER
	4" PVC SLEEVING
	PVC LATERAL PIPING
	1½" PVC MAINLINE PIPING

NOTES: SYSTEM BASED ON 25-30 GPM.
PLAN IS CONCEPTUAL IN NATURE.
CONTRACTOR TO ADJUST IN FIELD BASED ON ACTUAL GPM ACHIEVED.
CONTRACTOR TO COORDINATE CONTROLLER LOCATION WITH OWNER.

IRRIGATION DETAILS
not to scale

VALVE SCHEDULE

VALVE #	GPM	SIZE	HEAD TYPE
V1	---	1"	DRIP
V2	27.95	1"	1804

PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	SPACING
A	QUERCUS VIRGINIANA	LIVE OAK	7	2" CAL.	AS SHOWN
B	ULMUS PARVIFOLIA	CHINESE ELM	1	2" CAL.	AS SHOWN
C	SABAL PALMATUM	SABAL PALM	3	12' HT.	AS SHOWN
D	FATSIA JAPONICA	JAPANESE ARALIA	6	7 GAL.	AS SHOWN
E	OSMANTHUS FRAGRANS	FRAGRANT TEA OLIVE	11	7 GAL.	AS SHOWN
F	BUXUS 'GREEN VELVET'	GREEN VELVET BOXWOOD	22	3 GAL.	AS SHOWN
G	RHODODENDRON 'ROBLEX' PP25,073	AUTUMN LILY AZALEA	25	3 GAL.	AS SHOWN
H	HOSTA 'STAINED GLASS'	STAINED GLASS HOSTA	68	I GAL.	24" O.C.
I	OPHIOPOGON JAPONICUS 'NANUS'	DWARF MONDO GRASS	2,813	4" POT	6" O.C.
	BERMUDA SOD	BERMUDA SOD	1,110 S.F.**		
	DOUBLE HAMMERED HARDWOOD MULCH	DOUBLE HAMMERED HARDWOOD MULCH	3" MIN. DEPTH		

GENERAL NOTES:
- QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR HIS OR HER OWN QUANTITIES. IF THERE IS A CONFLICT BETWEEN QUANTITIES AND SPACING, SPACING SHALL PREVAIL.
- ALL AREAS NOT COVERED BY CONSTRUCTION OR PLANT BED AREAS, SHALL BE PLACED IN TURF. ALL R.O.W. AREAS BETWEEN PLANT BEDS AND EDGE OF PAVEMENT SHALL BE PLACED IN TURF.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSEES FROM THE PROPER AUTHORITIES BEFORE BEGINNING ANY WORK WITHIN THE R.O.W. OR OFF SITE.
- **QUANTITY ASSUMES DISTURBANCE ALONG NEW WALKWAYS, PLAZA, AND IRRIGATION AND UTILITY WORK. ANY REPLACEMENT SOD IS TO MATCH EXISTING SPECIES. FINAL QUANTITY TO BE DETERMINED IN FIELD.
- SOD AND ALL NEW PLANTINGS TO BE MECHANICALLY IRRIGATED.

THE LANDPLAN GROUP SOUTH
LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
1206 SCOTT STREET
COLUMBIA, SC 29201
803.256.0562
WWW.LANDPLANSOUTH.COM

REVISION	BY	APPD.	MM.DD.YY
1	OME	CWH	02.27.25
2	DWN.	CHKD.	DSGN.
3			
4			
5			

FILE NAME: 1175-DT-PL

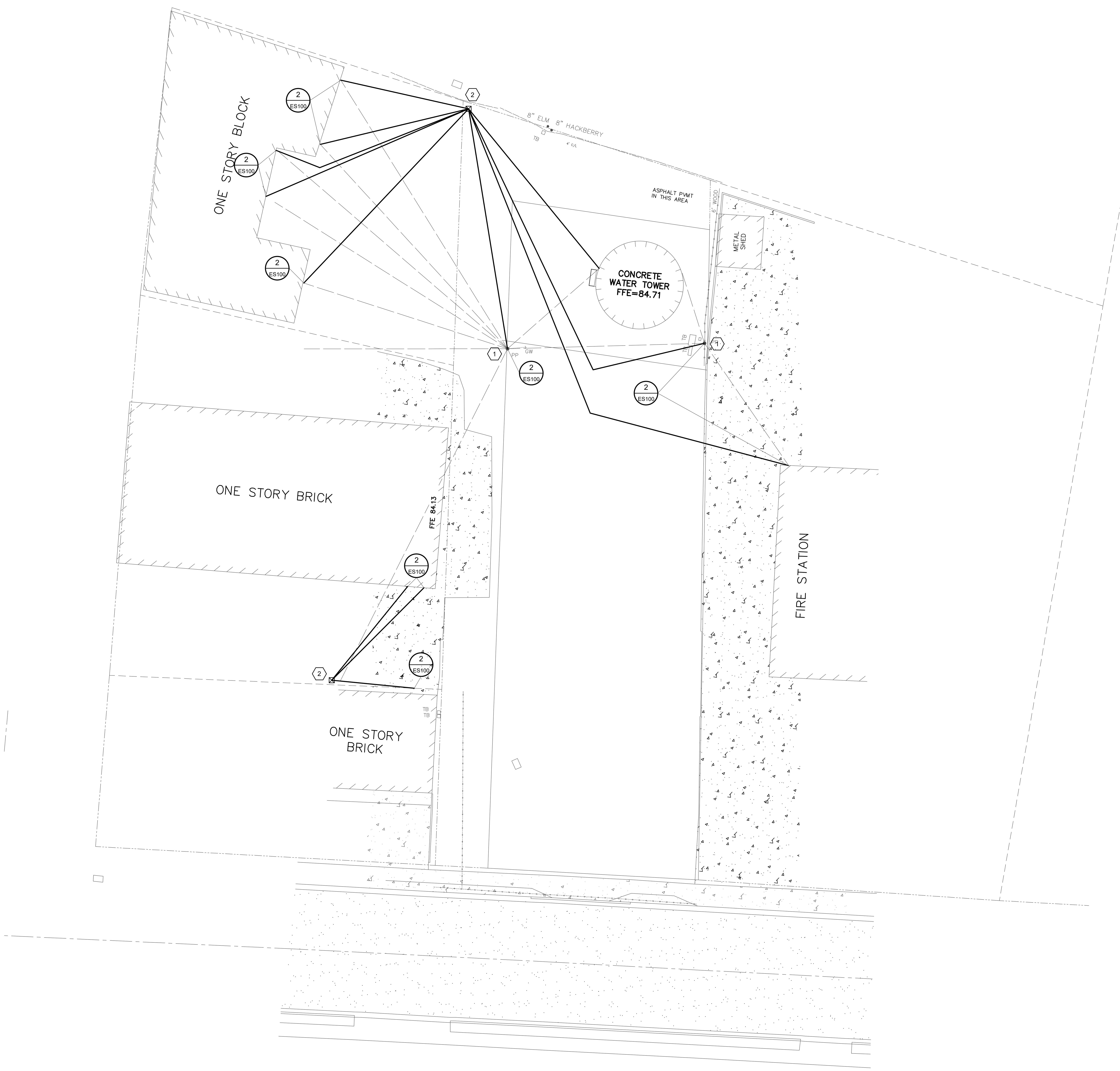
SOUTH CAROLINA — THE LANDPLAN GROUP SOUTH, INC. No. 153 — CERTIFICATE OF AUTHORIZATION

STATE of SOUTH CAROLINA — REGISTERED LANDSCAPE ARCHITECT — No. 730 — W. HOWELL

WATER TOWER PARK
CONSTRUCTION DRAWINGS
WALTERBORO, SOUTH CAROLINA
DETAILS

JOB #: 1175
SCALE: N.T.S.
SHEET: 10.3 OF 10.3

S:\Drawings\11175\1175--Walterboro Water Tower Park\Drawings\Production Drawings\1175-DT-PL.dwg



1 ES100 **ELECTRICAL SITE PLAN**
SCALE: 1"=200'

SYMBOLS

⊠	NEW SERVICE TRANSFORMER LOCATION
— —	EXISTING OVERHEAD SERVICE TO BE DEMOLISHED
——	PROPOSED NEW UNDERGROUND SERVICE

CONCEPTUAL SITE PLAN NOTES:

1. REFER TO DOMINION ENERGY'S UNDERGROUND COMMERCIAL ELECTRIC SERVICE HANDBOOK FOR ALL INSTALLATION REQUIREMENTS. COORDINATE ALL REQUIREMENTS WITH UTILITY PRIOR TO BID AND INSTALLATION.
2. UTILITY IS TO PROVIDE TRANSFORMER AND PRIMARY CONDUIT AND FEEDERS. UTILITY IS TO PROVIDE AND PULL WIRE FROM TRANSFORMER SECONDARY TO RESIDENCES.
3. CONTRACTOR IS TO PROVIDE MINIMUM 2" CONDUIT, SCHEDULE 40 PVC (GRAY) FROM TRANSFORMER TO RESIDENCE METERS AS INDICATED ON DRAWINGS. BORE A MINIMUM OF 30" BELOW GRADE AND MINIMUM 36" RADIUS SWEEPS. NO MORE THAN THREE (3) 90 DEGREE BENDS ARE PERMITTED IN A SERVICE. SEE DOMINION ENERGY'S UNDERGROUND RESIDENTIAL ELECTRIC SERVICE HANDBOOK FOR DETAILS AND ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS TO TERMINATE SERVICE WIRE AT THE METERS AND PROVIDE ALL ELECTRICAL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.
5. GROUND MOUNT TRANSFORMER LOCATIONS DEPICTED ARE APPROXIMATE AND MAY CHANGE. COORDINATE EXACT TRANSFORMER LOCATIONS WITH UTILITY PRIOR TO INSTALLATION OF CONDUITS.
6. CONDUIT LOCATIONS SHOWN ARE SCHEMATIC. CONTRACTOR TO FIELD VERY ACTUAL ROUTING OF CONDUIT TO AVOID OBSTACLES AND REMAIN WITHIN THE BOUNDARIES OF ACCESSIBLE EASEMENTS AND PROPERTY BOUNDARIES.
7. ORIGINAL SERVICE WEATHERHEADS OR INSULATORS MAY BE ABANDONED IN PLACE IF NECESSARY TO MAINTAIN WEATHERPROOFING OF BUILDING FASCIA AND/OR ROOF, OTHERWISE THEY SHALL BE DEMOLISHED.
8. ENCLOSURE OPENINGS EXPOSED BECAUSE OF DEMOLITION OF EXISTING SERVICES SHALL BE PLUGGED OR COVERED IN ACCORDANCE WITH NEC 110.12.

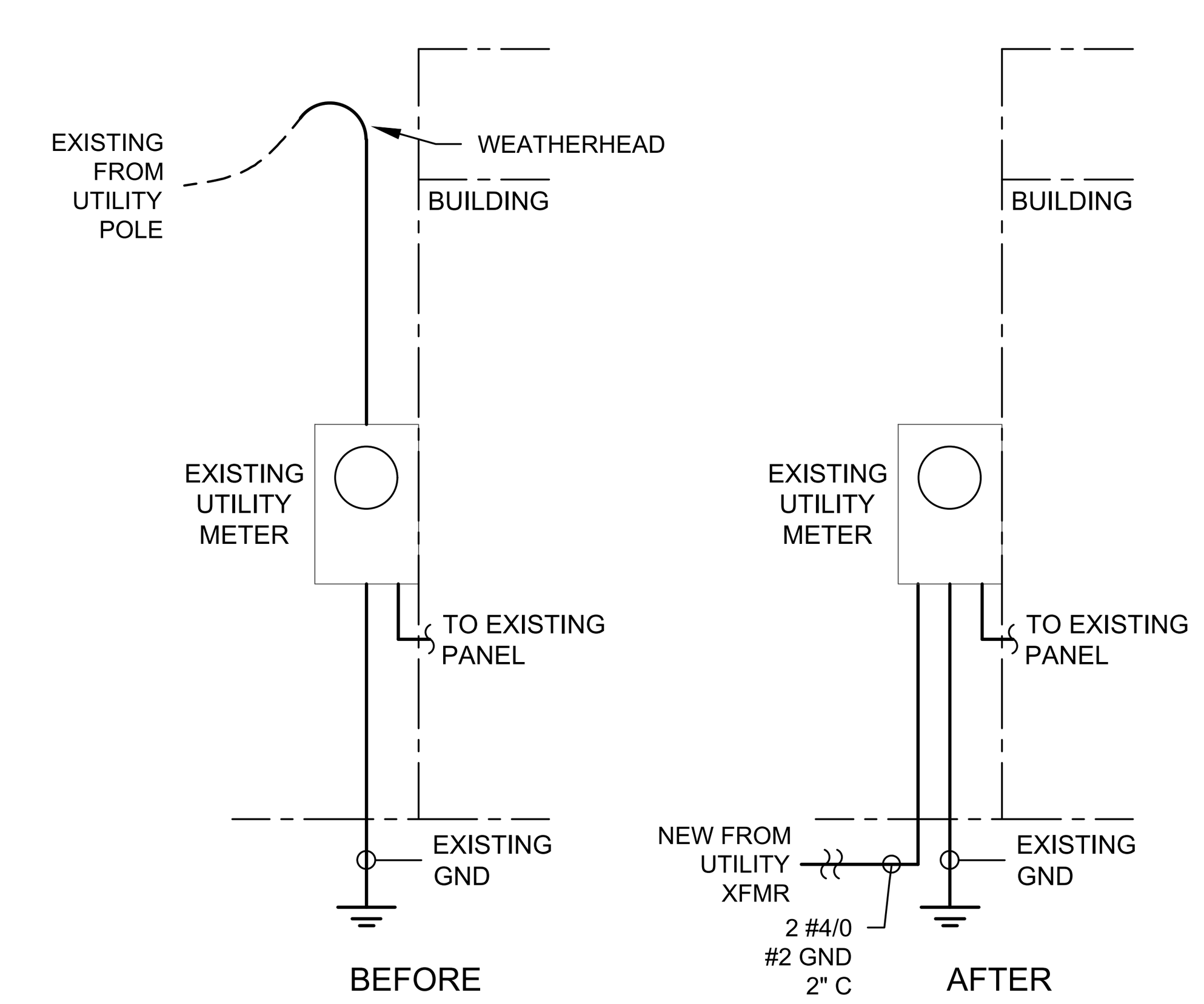
APPLICABLE CODES AND STANDARDS

CODES AND STANDARDS	EDITION
NFPA 70 NATIONAL ELECTRICAL CODE (NEC)	2020

POWER PLAN KEYED NOTES:

1. COORDINATE WITH OWNER IF EXISTING POWER POLE AND LIGHT IN THIS LOCATION ARE TO REMAIN OR BE DEMOLISHED.
2. COORDINATE TRANSFORMER FEEDER REQUIREMENTS AND LOCATIONS WITH UTILITY AND DOMINION ENERGY'S UNDERGROUND COMMERCIAL ELECTRIC SERVICE HANDBOOK.

** NOTE **
COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS WITH UTILITY COMPANY AND OWNER PRIOR TO BID AND INSTALLATION.



2 ES100 **TYPICAL INSTALLATION DETAIL - EXISTING WEATHERHEAD**
SCALE: NO SCALE

N
200' 100' 0 200' 400'
SCALE: 1"=200'

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CLIENT: CITY OF WALTERBORO, SC
242 HAMPTON ST., WALTERBORO, SC 29488

PROJECT NAME: **WATER TOWER PARK ELECTRICAL UTILITY RELOCATION**

PROJECT LOCATION: HAMPTON ST., WALTERBORO, SC 29488

REV	DATE	BY	DESCRIPTION
A	02/05/24	HJW	CONCEPT DESIGN

PROJECT NO.	3088.2401
DRAWN BY :	CEB
CHECKED BY :	HJW
DATE:	12/12/2023

SHEET TITLE :
ELECTRICAL SITE PLAN

SCALE: AS NOTED
DRAWING NO. **ES100** REV. **A**

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
A–1	CONDUIT AND CONDUCTORS HOMERUN TO PANELBOARD. NUMERALS INDICATE CIRCUIT NUMBER(S). LETTERS INDICATE PANELBOARD TO WHICH CIRCUITS ARE RUN. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG. CONDUIT SIZED PER NATIONAL ELECTRICAL CODE. MINIMUM CONDUIT SIZE SHALL BE 3/4".
	CONCEALED CONDUIT RUN BELOW FLOOR, IN WALLS OR ABOVE CEILINGS. NOTATIONS SAME AS HOMERUN SYMBOL ABOVE.
A	IN–GROUND LIGHTING FIXTURE, SEE LIGHTING FIXTURE SCHEDULE
18 or 20	WALL–MOUNTED LIGHTING FIXTURE. NUMERALS AND LETTERS SAME AS FOR LIGHTING FIXTURE ABOVE. SEE LIGHTING FIXTURE SCHEDULE
3	WALL–MOUNTED EMERGENCY BATTERY PACK. SEE LIGHTING FIXTURE SCHEDULE
5 or 7	CEILING AND WALL MOUNTED EXIT LIGHTING FIXTURES THAT SHALL BE CONNECTED FOR CONTINUOUS OPERATION. DO NOT SWITCH FIXTURE. NUMERAL DENOTES CIRCUIT TO WHICH FIXTURE IS CONNECTED. ARROWS AS INDICATED ON PLANS. SEE LIGHTING FIXTURE SCHEDULE. EXIT LIGHTS TO HAVE EMERGENCY BATTERY PACK
1	TAMPER RESISTANT DUPLEX CONVENIENCE RECEPTACLE OF THE COMMERCIAL GRADE TYPE. NUMERAL DENOTES CIRCUIT TO WHICH RECEPTACLE IS CONNECTED. MOUNT 18" TO CENTER ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
WP 5	TAMPER RESISTANT GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX CONVENIENCE RECEPTACLE OF THE COMMERCIAL GRADE TYPE. NUMBERS DENOTE CIRCUIT TO WHICH RECEPTACLE SHALL BE CONNECTED. WP DENOTES THAT RECEPTACLE SHALL BE LISTED AS WEATHER RESISTANT AND HAVE A COVER LISTED AS WEATHERPROOF WHILE IN USE. MOUNT 18" TO CENTER ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.

GENERAL ELECTRICAL NOTES

G1. DO NOT SCALE THESE DRAWINGS. ALL ROUGHING–IN SHALL BE TAKEN FROM THE ARCHITECTURAL DRAWINGS AND DIMENSIONS.

G2. ALL ELECTRICAL APPARATUS SHOWN ON THESE DRAWINGS SHALL BE UL LISTED, SPECIFICATION GRADE AND SHALL COMPLY WITH ALL LOCAL AND NATIONAL CODES.

G3. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES.

G4. EQUIPMENT SHALL BE SUITABLE FOR ITS APPLICATION (E.G. WHEN INSTALLED OUTDOORS, IT SHALL BE WEATHERPROOF, ETC.)

G5. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE A COMPLETE AND PROPERLY FUNCTIONING ELECTRICAL SYSTEM.

G6. ALL MATERIAL, EQUIPMENT, AND DEVICES SHALL BE NEW.

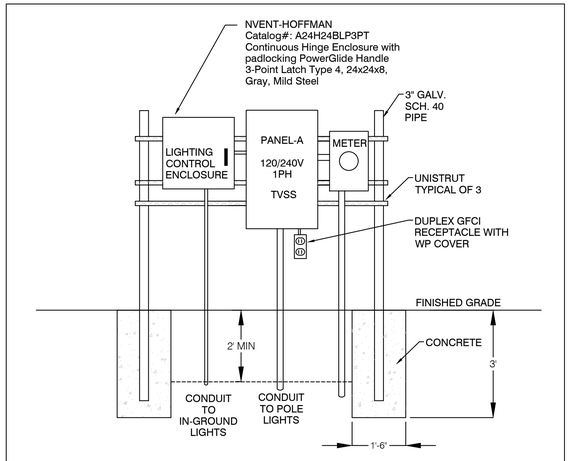
G7. COORDINATE THE EXACT LOCATION OF LIGHT FIXTURES WITH THE ARCHITECT.

G8. NEUTRALS ON BRANCH CIRCUITS SHALL NOT BE SHARED. EACH BRANCH CIRCUIT WILL BE SUPPLIED WITH ITS OWN DEDICATED NEUTRAL.

G9. ALL CONDUCTORS SHALL BE RUN IN RIGID CONDUITS, EMT, OR MC CABLE PER CONDUIT INSTALLATION SCHEDULE.

CONDUIT INSTALLATION SCHEDULE

A. Installations In or Under Concrete Slab: Schedule 40 PVC.
B. Underground not covered or encased in concrete: Schedule 40 PVC. Where the underground conduit emerges from grade it shall be converted to rigid metal conduit from 18" below grade to a point 8' above grade, or to a point where it is protected from physical damage.
C. Exposed Outdoor Locations: Rigid galvanized steel conduit.



A / E1 **ELECTRICAL RACK ELEVATION**
NOT TO SCALE

PANEL A

VOLTAGE: 120/240 VOLTS
PHASE–WIRE: 1 PHASE – 3 WIRE
MAIN TYPE: MCB
MAIN SIZE: 200 AMPS

INTERRUPT: 10,000 AIC
MOUNTING: SURFACE
ENCLOSURE: NEMA 3R
BUS TYPE: COPPER

DESCRIPTION	POLE	WIRE AWG	TRIP AMPS	CCT NO.	PHASE LOADS A⌀	PHASE LOADS B⌀	CCT NO.	TRIP AMPS	WIRE AWG	POLE	DESCRIPTION
IN–GROUND LIGHTING	1	12	20	1	0.2 / –		2	30	10	2	TVSS UNIT
POLE LIGHTS	1	12	20	3		0.4 / –	4				
RECEPTACLE BELOW PANEL	1	12	20	5	0.2 / –		6	20	–	1	SPARE
SPARE	1	–	20	7		– / –	8	20	–	1	SPARE
SPACE ONLY	1	–	20	9	– / –		10	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	11		– / –	12	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	13	– / –		14	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	15		– / –	16	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	17	– / –		18	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	19		– / –	20	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	21	– / –		22	20	–	1	SPACE ONLY
SPACE ONLY	1	–	20	23		– / –	24	20	–	1	SPACE ONLY
TOTAL KVA PER PHASE					0.4	0.4					
AMPS PER PHASE					4	4					

NOTES:
1) PANEL TO BE EQUIPPED WITH TVSS UNIT (TRANSIENT VOLTAGE SURGE SUPPRESSOR)
2) ENCLOSURE TO BE NEMA 3R
3) –

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	TOTAL WATTAGE
A	IN–GRADE FLUSH MOUNT LED COLOR CHANGING FIXTURE WITH ANTI–SLIP LENS	HYDREL	M9720 A 18LED RGBW MVOLT NSP FLCAS RDM 34S BZ	(1) LED	22 WATTS
B	DECORATIVE BLACK LANTERN POLE TOP FIXTURE WITH PHOTO CELL POLE: BLACK 14' SMOOTH ROUND 3" POLE WITH DECORATIVE BASE AND 120V GFI RECEPTACLE.	HOLOPHANE ANP LIGHTING	ARE3 P80 30K MVOLT GL3 BK SK PCLL CCS1902–BD3STLS14–11–GFI20–41	(1) LED	100 WATTS

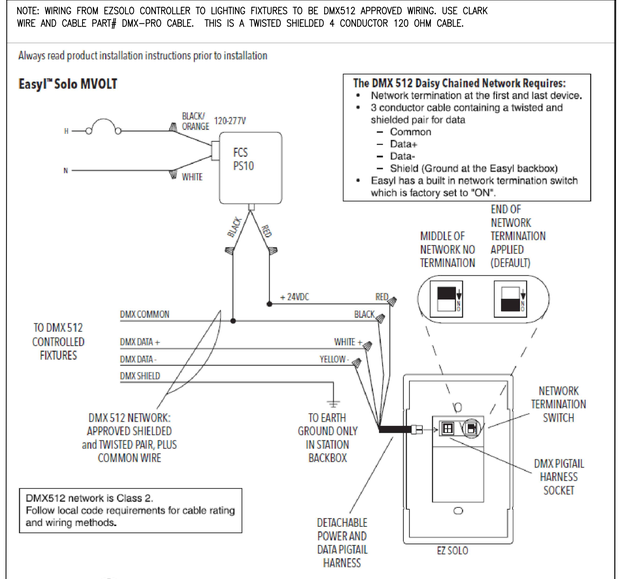
LIGHTING CONTROLS SCHEDULE

DESCRIPTION	MANUFACTURER	CATALOG NUMBER
Hydrel "EasyL Solo" standalone entry–level controller enabling show creation and playback directly at the LCD touchscreen	HYDREL	EZSOLO MVOLT BK (DMX CONTROL)
24V Power supply compatible with EZSOLO Controller	HYDREL	FCS PS10
Note: Lighting package to include system startup		

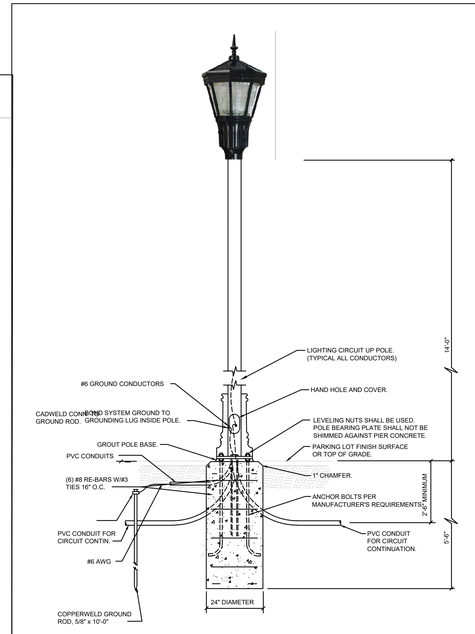
ELECTRICAL DEMOLITION NOTES

D1. SEE ARCHITECTURAL DRAWINGS FOR ELECTRICAL ITEMS TO BE REMOVED.

NOTE: WIRING FROM EZSOLO CONTROLLER TO LIGHTING FIXTURES TO BE DMX512 APPROVED WIRING. USE CLARK WIRE AND CABLE PART# DMX–PRO CABLE. THIS IS A TWISTED SHIELDED 4 CONDUCTOR 120 OHM CABLE.



B / E1 **WIRING DETAIL FOR IN–GROUND LIGHTING FIXTURES TYPE A**
NOT TO SCALE



C / E1 **POLE BASE FOR FIXTURES TYPE B**
NOT TO SCALE

STANLEY ENGINEERING, LLC
1025 Oak Brook Blvd.
Sumter, SC 29150
(803) 840-1138

Stanley Engineering
DESIGN•PLANNING•ENGINEERING

SOUTH CAROLINA
STANLEY ENGINEERING, LLC
No. C03001
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 21953
BARRY JOE STANLEY

REVISIONS

DRAWN	DESIGNED	CHECKED
BJS	BJS	BJS

DATE: 12/02/24
JOB # : 1175
SCALE: AS NOTED

WATER TOWER PARK
Hampton St.
Walterboro, SC

Electrical Notes and Legends

DRAWING NUMBER
E1
OF 2

NOTE: POWER AND LIGHTING PLAN WAS COMPLETED ON A PREVIOUS SITE PLAN. ELECTRICAL AND LIGHTING DETAILS, NOTES, AND LOCATIONS REMAIN CURRENT.

MEMORIAL STREET

BETHEL UNITED METHODIST CHURCH

IPTC INVESTMENTS LLC

ONE STORY BRICK

ONE STORY BLOCK

ION VENTURE LLC

NOTE: CONTRACTOR TO COORDINATE NEW ELECTRICAL SERVICE WITH LOCAL ELECTRICAL UTILITY CO.

METER
PANEL-A
LIGHTING CONTROL PANEL

EX. ALLEY

POLE LIGHT PER FIXTURE SCHEDULE AND DETAIL C SHEET E1

CLARK WIRE AND CABLE PART# DMX-PRO CABLE SEE DETAIL B SHEET E1

INSTALL A 120 OHM RESISTOR BETWEEN DMX+ AND DMX- AT THE END OF THE LINE.

IN GROUND LIGHTS TYPICAL OF 8.
INSTALL FIXTURE 4' TO CENTER FROM TOWER.
SPACING 12'-7½ CENTER TO CENTER

CONCRETE WATER TOWER FFE=84.71

DECORATIVE WOODEN FENCE

OYSTER SHELL CONCRETE

6' BRICK SIDEWALK

FFE 84.13

HAMPTON STREET
SC 63
50' R/W

HAMPTON STREET
(SC 63) 25 MPH

ANDREW M. ULMER

HACKBERRY

6" WOOD

METAL SHED

FIRE STATION

TBM-PK NAIL IN PAVEMENT ELEV 84.14

LINE TYPE LEGEND

LINE TYPE	DESCRIPTION
UE	UNDERGROUND ELECTRICAL
SS	SANITARY SEWER
W	WATER
	FENCE

SOUTH CAROLINA
STANLEY ENGINEERING, LLC.
No. C03001
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 21953
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REVISIONS

DRAWN	DESIGNED	CHECKED
BJS	BJS	BJS

DATE: 12/02/24

JOB #: 1175

SCALE: AS NOTED

WATER TOWER PARK
Hampton St.
Walterboro, SC

Power and Lighting Plan

DRAWING NUMBER

E2

OF 2