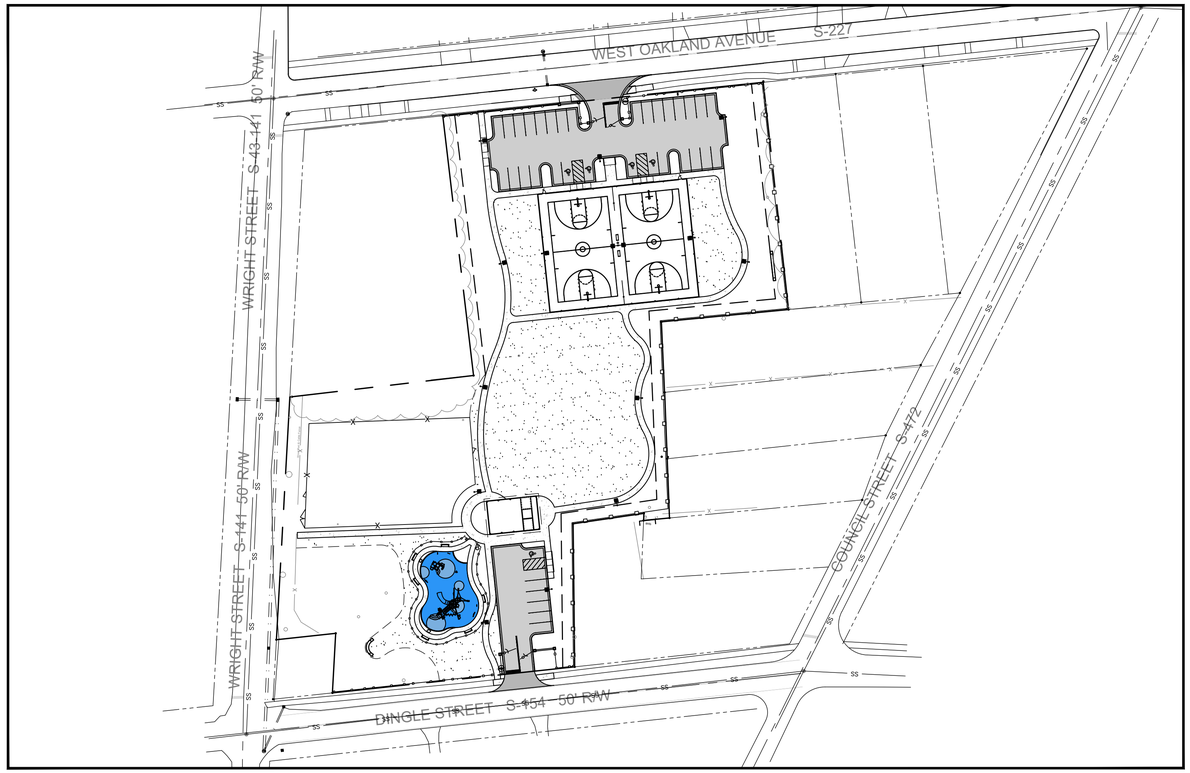
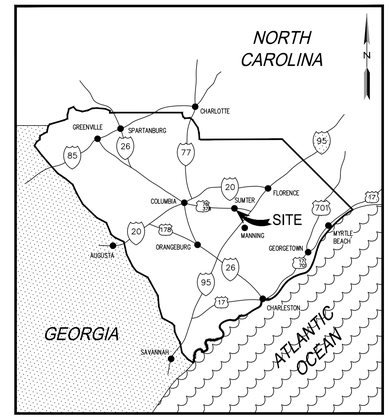
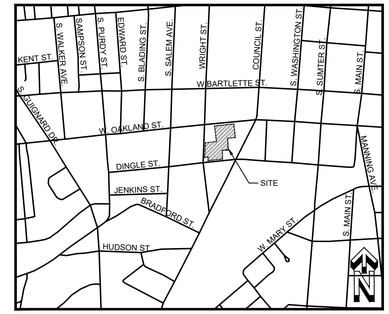
City of Sumter
Sumter County, South Carolina





LOCATION MAP NOT TO SCALE



VICINITY MAP NOT TO SCALE

SUMTER GENERAL INFORMATION
OWNER: CITY OF SUMTER
12 N. MAIN ST. SUMTER SC 29150
803-436-2570

WESTEND PARK
320 W OAKLAND AVE
SUMTER, SC 29150
TAX MAP NUMBER: 227-04-01-004
ZONING: R-6
PROJECT IS WITHIN THE CITY OF SUMTER

PARCEL AREA: 2.94 ACRES
TOTAL DISTURBANCE: 2.3 ACRES

R-6 YARD AND BUILDING SET BACK REQUIREMENTS:

FRONT: 25 FEET (NON-RESIDENTIAL USE)
SIDE: 25 FEET (NON-RESIDENTIAL USE)
REAR: 50 FEET (NON-RESIDENTIAL USE)
OPEN SPACE RATIO: N/A

OFF-STREET PARKING: OFF-STREET PARKING REQUIREMENTS FOR USES PERMITTED HEREIN OR CONDITIONALLY ALLOWED ARE ESTABLISHED IN ARTICLE EIGHT, SECTION J

37 TOTAL PARKING SPACES (5 HANDICAP SPACES)

FEMA FLOOD MAP: 45085C0311E
ZONE: X
EFFECTIVE DATE: OCTOBER 27, 2022

WE ACKNOWLEDGE THE PRESENCE OF THE SUMTER OVERLAY ZONE, IF APPLICABLE

PROJECT OWNER

CITY OF SUMTER
Tripper Lee, Proj. Mgr.
12 N. MAIN STREET
SUMTER, SC 29150
803.436.2572

CIVIL ENGINEER

THE LANDPLAN GROUP SOUTH, INC.
1206 SCOTT STREET
COLUMBIA, SC 29201
PHONE: 803.256.0562
WWW.LANDPLANSOUTH.COM

SUMTER UTILITES LOCATE
803.436.2558

WESTEND PARK

Construction Bid Set

ITB: #4-23/24

SHEET INDEX

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
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FILE NAME: 1164-CS-GN	CJK	CWH	CJK 03.08.24
	DWN.	CHKD.	DSGNL MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL
No. 41827
FRED JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
COVER SHEET

JOB #: 1164
SCALE: N.T.S.
SHEET: 01 OF 29

S:\Drawings\1100's\1164-#Oakland Street Park, Sumter (Single)\Drawings\Production Drawings\1164-CS-GN.dwg

General Notes

THIS DRAWING IS BASED ON A SURVEY DONE BY: LINDLER SURVEYING, INC. 1990 BOYKIN ROAD, REMBERT SC 29128. LINDLERSURVEYING@AOL.COM (803)425-0703 NOTE, SOME DATA USE ASSUMED ELEVATIONS AND SOME USE STATE PLANE COORDINATES. PLEASE REFERENCE BENCH MARKS ON PLANS AND CONTACT SURVEYOR WITH ANY QUESTIONS.

THE CONTRACTOR SHALL PROVIDE HIS OWN LINE AND GRADE.

THE CONTRACTOR SHALL COORDINATE BI-MONTHLY MEETINGS BETWEEN THE CONTRACTOR AND PARK STAFF. THE CONTRACTOR SHALL BE PREPARED TO DISCUSS PROGRESS AND SCHEDULE AT THESE MEETINGS.

THE CONTRACTOR IS RESPONSIBLE FOR FIELD STAKING ALL CONSTRUCTION ELEMENTS AND REVIEWING THIS LAYOUT WITH THE OWNER PRIOR TO BEGINNING ANY CONSTRUCTION.

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.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ALL DIRECTIONS AT ALL TIMES. ANY TRAFFIC REROUTING SHALL BE SUBMITTED TO THE SCDOT AT 803-778-5466 AND THE CITY OF SUMTER AT 803-436-2558 FOR APPROVAL PRIOR TO ANY LANE CLOSURES OR REROUTING OF TRAFFIC. IN ADDITION THE CONTRACTOR SHALL NOTIFY THE OWNER, FIRE DEPARTMENT, POLICE DEPARTMENT, AND ANY OTHER EMERGENCY AGENCIES OF OF ANY CLOSURE AND TRAFFIC ROUTINGS AT LEAST 24 HOURS PRIOR TO ANY CLOSURES.

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

WHERE NEW CONSTRUCTION IS TO TAKE PLACE, THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING ANY MATERIAL, I.E. SIGNAGE, LIGHT POLE, ETC., AT HIS OR HER OWN COST.

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

ALL STRUCTURES ADJACENT TO BRICK AND CONCRETE PAVEMENT SHALL HAVE EXPANSION MATERIAL BETWEEN THE STRUCTURE AND THE NEW OR EXISTING PAVEMENT.

FOR IRRIGATION PLAN NOTES, SEE LANDSCAPE DRAWINGS.

FOR PLANTING NOTES AND SCHEDULE SEE LANDSCAPE PLAN AND DETAILS.

ALL WORK SHALL MEET OR EXCEED SCDOT SPECIFICATIONS.

THE CONTRACTOR SHALL BE AWARE THAT THE CITY OF SUMTER PUBLIC WORKS AT 803-436-2558 WILL BE PROVIDING WATER AND SEWER SERVICE TO THE NEW RESTROOM BUILDING. THIS WORK WOULD BE DONE AFTER DEMOLITION BUT BEFORE INSTALLATION OF THE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE CITY AND ALLOW UP TO FOUR (4) HOURS FOR EACH SERVICE AND METER BOX ONE (1) DAY FOR EACH FIRE HYDRANT. THIS WORK IF ANY WOULD BE COVERED UNDER MOBILIZATION.

ALL SIGNAGE AFFECTED BY PROJECT MUST BE PLACED IN ORIGINAL LOCATION AT END OF PROJECT.

Demolition and Site Preparation

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.

THE LIMIT OF DEMOLITION AND SITE PREPARATION 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.

CONTRACTOR TO COORDINATE WITH SCDOT AND CITY OF SUMTER FOR DEMOLITION OF EXISTING SIDEWALK AND WATER AND SEWER FACILITIES, THROUGHOUT THE PROJECT.

ALL EXISTING ITEMS DESIGNATED TO BE REMOVED AND SALVAGED, SUCH AS SIGNS, DRAINAGE, GRATES, WHEEL STOPS, ETC., SHALL BE DELIVERED TO THE CITY OF SUMTER'S DESIGNATED STORAGE YARD FACILITY, AT NO ADDITIONAL COST TO THE OWNER.

THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATING SERVICE AT 1-888-721-7877 AND THE CITY OF SUMTER AT 803-436-2558 BEFORE EXCAVATING AS REQUIRED BY THE SUPPLEMENTAL CONDITIONS AND SOUTH CAROLINA LAW.

DISPOSAL OF MATERIALS OFF-SITE AND HAULING OF FILL MATERIAL THAT IS REQUIRED FOR CONSTRUCTION SHALL BE FULL RESPONSIBILITY OF THE CONTRACTOR.

ANY AREAS DISTURBED BY CONSTRUCTION NOT COVERED BY NEW WORK SHALL BE PLACED IN PERMANENT GRASS SOD AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL COMPLETELY DEMOLISH, REMOVE, AND DISPOSE OF PAVEMENT (MILLINGS SHALL BE DELIVERED TO THE CITY), FOUNDATIONS, CURB AND SIDEWALK (OUTSIDE THE SCDOT DEMOLITION AREA) AS NECESSARY TO INSTALL THE NEW WORK. THE LIMIT SHOWN ON THE DEMOLITION PLAN 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.

PAYMENT FOR DEMOLITION IS FOR REMOVAL OF CONCRETE, TREES AND SHRUBS OR OTHER HARD SURFACES. THE CONTRACTOR WILL NOT BE PAID FOR GRASS OR EARTH AREAS TO BE GRADED AND/OR REPLACED.

SIDEWALK AND CURB & GUTTER TO BE REMOVED AND REPLACED FROM JOINT TO JOINT.

CONTRACTOR TO SAWCUT EXISTING ASPHALT FOR SMOOTH JOINT NOT ALIGNED WITH WHEEL PATH.

Stormwater Sewer Lines, Structures & Electric Utilities

EXISTING OVERHEAD & UNDERGROUND UTILITIES ARE SHOWN ON THE DRAWINGS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY THE SURVEYOR. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES PRIOR TO ANY EXCAVATION TO VERIFY ACTUAL FIELD LOCATION, PROTECTION AND/OR RELOCATION OF EXISTING UTILITY LINES IN CONFLICT OR ADJACENT TO THE PROPOSED WORK.

CONTRACTOR TO COORDINATE WITH DUKE ENERGY AND COMMUNICATION UTLITIES FOR RELOCATION OF POLE ALONG OAKLAND STREET AT NEW DRIVEWAY.

Layout Notes

ALL DIMENSIONS ARE TAKEN FROM FACE OF CURB OR WALL UNLESS OTHERWISE NOTED.

LAYOUT PLANS AND THE DETAILS 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.

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

THE NEW SIDEWALKS, ROADS, LANDSCAPED ISLANDS AND CROSSWALKS SHALL BE GRADED IN ACCORDANCE WITH THE PROPOSED ELEVATIONS SHOWN IN THE GRADING AND DRAINAGE PLANS. 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. NO SIDEWALK WITHIN THE SCDOT RIGHT OF WAY WILL HAVE A CROSS SLOPE GREATER THAN 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 (IF APPLICABLE) SHALL BE PERFORMED BY THE CITY OF SUMTER AND COORDINATED WITH THE CONTRACTOR. METER BOXES TO BE TRAFFIC RATED.

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.

THE CONTRACTOR SHALL CONSTRUCT A SAMPLE PANEL OF THE CONCRETE COURT SURFACING AND CONCRETE SIDEWALK. 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 WORK FOR THE REMAINDER OF THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION IN ACCORDANCE WITH THE SPECIFICATIONS. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK.

THE CONTRACTOR SHALL VERIFY POSITIVE DRAINAGE IS ACHIEVED FROM ALL AREAS TO NEW AND/OR EXISTING STORM DRAIN INLETS.

ANY DRAINAGE STRUCTURES WITHIN SCDOT RIGHT OF WAYS SHALL BE SCDOT STANDARD.

ALL MARKINGS WITH THE SCDOT RIGHT OF WAY SHALL BE APPROVED PERMANENT PAVEMENT MARKINGS PER SECTIONS 625, 626, OR 627 WITHIN THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

ANY PROPOSED SIDEWALK WITHIN THE R.O.W. (OF PROJECT BOUNDARY) SHALL NOT EXCEED 2% CROSS SLOPE PER ADA GUIDELINES. ALL RAMPS SHALL NOT EXCEED 8.33% FOR EVERY SCENARIO. IN PRESENCE OF SIDEWALK OR OTHER ADA PATHWAY, ACCESS(ES) TO PROVIDE A MINIMUM OF 3' PEDESTRIAN PATH NO GREATER CROSS SLOPE THAN 2% ACROSS THROAT OF DRIVEWAY.

Landscaping Notes

ALL NEW TREES IN THE PROXIMITY OF INTERSECTIONS AND DRIVEWAYS SHALL BE DE-LIMBED TO SEVEN (7) FEET TO ENSURE APPROPRIATE SITE DISTANCE. ALL SHRUBS SHALL NOT EXCEED 30" IN HEIGHT.

ALL NEW PLANTINGS SHALL MEET THE CITY OF SUMTER LANDSCAPE AND NURSERY CARE SHEETS INCLUDED IN THIS DRAWING SET.

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.
   - 2.1. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - 2.2. 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:
   - 16.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL
   - 16.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
   - 16.3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE
   - 16.4. 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. INSPECTIONS TO BE PERFORMED BY A SCDHEC CEPSCI CERTIFIED INSPECTOR.
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.
20. SILT FENCING LINE ON EROSION CONTROL PLAN SHEETS ARE SHOWN FOR GRAPHICAL PURPOSES. SILT FENCING SHALL BE PLACED AT THE LIMITS OF DISTURBANCE

Sumter County Notes

1. SOIL SHOULD BE TESTED TO DETERMINE THE PROPER APPLICATION OF NUTRIENTS/PH AMENDMENTS REQUIRED FOR ESTABLISHMENT OF VEGETATIVE COVER. SOIL SAMPLES CAN BE PROVIDED TO THE LOCAL CLEMSON EXTENSION AGENT FOR THEIR EVALUATION OF SITE NEEDS. THIS IS CRITICAL FOR POND AREAS AND FILL SLOPES. TH RESPONSIBLE STORMWATER INSPECTOR SHALL MAKE COMMENTS RELATIVE TO SOIL PREPARATION, PROPER SEED MIX, AND THE CORRECT MATTING/MULCH APPLICATION IN WEEKLY INSPECTION REPORTS WHEN PLANTING IS IN PROGRESS.
2. IF DUE TO INLET CONTROLS, STORMWATER BY-PASSES DROP INLETS AND EXITS SITE UNFILTERED, ADDITIONAL CONTROLS SHALL BE INSTALLED AS REQUIRED.
3. CONDUCT A PRE-JOB MEETING WITH THE OWNER, RESPONSIBLE CONTRACTOR, RESPONSIBLE ENGINEER, SITE STORMWATER INSPECTOR, AND THE STORMWATER MANAGER PRIOR TO THE START OF ANY LAND DISTURBING AND/OR DEMOLITION ACTIVITIES ASSOCIATED WITH THE PROJECT SHALL BE CONDUCTED. THE STORMWATER MANAGER MAY ELECT TO REQUIRE ADDITIONAL SITE MEETINGS FOR COMPLEX OR MULTI-PHASED PROJECTS
4. WEEKLY REPORT MUST BE KEPT ON SITE. REPORTS TO BE PERFORMED BY A SCDHEC CEPSCI CERTIFIED INSPECTOR. THE REPORT MUST INCLUDE AT A MINIMUM:
   - A. A SUMMARY OF THE INSPECTIONS CONDUCTED DURING THE MONTH,
   - B. A LISTING OF DEFICIENCIES AND THE DATE NOTED,
   - C. CONCERNING DEFICIENCIES, LIST THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE PARTY(S) RESPONSIBLE FOR ADDRESSING THE DEFICIENCIES,
   - D. WHETHER THE DEFICIENCY WAS LISTED IN A PREVIOUS REPORT,
   - E. CORRECTIVE ACTIONS TAKEN AND THE DATE THE ACTIONS WERE COMPLETED,
   - F. WHETHER THE SWPPP WAS UPDATED TO DEAL WITH THE NOTED DEFICIENCIES
   - G. A COPY OF EACH INSPECTION CONDUCTED. IN ADDITION, THE REPORT MUST INCLUDE ALL CO-PERMITTEE AGREEMENTS AND CONTRACTOR CERTIFICATIONS STATEMENTS.

Sequence of Construction

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 NPDES COVERAGE FROM DHEC.
2. NOTIFY CITY OF SUMTER'S STORMWATER MANAGEMENT OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
3. PRE-CONSTRUCTION MEETING (ON-SITE). A REPRESENTATIVE FROM THE CITY OF SUMTER'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 ONLY IN AREAS OF BASINS/TRAPS/PONDS.
8. INSTALLATION OF BASINS/TRAPS/PONDS AND INSTALLATION OF DIVERSIONS TO THOSE STRUCTURES. OUTLET STRUCTURES MUST BE COMPLETELY INSTALLED AS SHOWN ON THE DETAILS BEFORE PROCEEDING TO NEXT STEP; AREAS DRAINING TO THESE STRUCTURES CANNOT BE DISTURBED UNTIL THE STRUCTURES AND DIVERSIONS TO THE STRUCTURE ARE COMPLETELY INSTALLED.
9. CLEARING AND GRUBBING OF SITE OR DEMOLITION.
10. ROUGH GRADING.
11. INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
12. FINE GRADING, PAVING, ETC.
13. PERMANENT/FINAL STABILIZATION.
14. INSTALLATION OF POST PAVING INLET PROTECTION.
15. CLEAN-OUT OF DETENTION BASINS/PONDS THAT WERE USED AS SEDIMENT CONTROL STRUCTURES AND RE-GRADING OF DETENTION BASINS/POND BOTTOMS; IF NECESSARY. MODIFICATION OF SEDIMENT BASIN RISER TO CONVERT TO DETENTION BASIN OUTLET STRUCTURE.
16. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES.)
17. PERFORM AS-BUILT SURVEYS OF ALL DETENTION STRUCTURES AND SUBMIT TO SCDHEC OR MS4 FOR ACCEPTANCE.
18. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC 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: IF FLOWS FROM OFFSITE AREAS WILL BE DIVERTED AROUND THE SITE AND THE ON-SITE STRUCTURES ARE NOT DESIGNED TO HANDLE FLOWS FROM THE OFFSITE AREAS, THEN THE DIVERSION/PIPING FOR THE OFFSITE FLOWS MUST BE INSTALLED BEFORE LAND-DISTURBING ACTIVITIES BEGIN ON THE SITE; INCLUDE THIS IN THE SEQUENCE. SEDIMENT AND EROSION CONTROL MEASURES FOR THE DISTURBED AREAS FOR THE DIVERSION/PIPING MUST BE INSTALLED BEFORE THOSE AREAS ARE DISTURBED AND SHOULD BE SHOWN ON THE PLANS.
- NOTE: IF AN EXISTING DETENTION/SEDIMENT BASIN IS BEING MODIFIED TO HANDLE THE FLOWS FROM THE PROPOSED DEVELOPMENT, THEN IT MUST BE MODIFIED BEFORE LAND-DISTURBING ACTIVITIES BEGIN ON THE SITE. THIS SHOULD BE INCLUDED IN THE SEQUENCE.
- NOTE: INCLUDE INDIVIDUAL LOT DEVELOPMENT/CONSTRUCTION IN THE SEQUENCE IF THE SITE WILL NOT BE MASS-GRADED.
- NOTE: INSTALLATION OF SOME PERMANENT WATER QUALITY DEVICES SHOULD OCCUR AFTER THE SITE IS STABILIZE; INCLUDE THIS IN THE SEQUENCE. CLEAN OUT OF OTHER WATER QUALITY DEVICES THAT WERE USED.
- NOTE: MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.

Pollution Prevention + Best Management Practices

1. WASTE DISPOSAL. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF SOUTH CAROLINA, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
2. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.
3. STATE AND/OR LOCAL WASTE DISPOSAL AND SANITARY SEWER REGULATIONS SHALL BE FOLLOWED.
4. PROPER APPLICATION RATES AND METHODS FOR FERTILIZERS ARE TO BE USED AT THE CONSTRUCTION SITE TO INSURE PROPER NUTRIENT MANAGEMENT CONTROL.
5. USE OF PESTICIDES SHALL BE IN ACCORDANCE WITH STATE/FEDERAL/LOCAL REGULATIONS.
6. REQUIREMENTS FOR CONTROLLING AND DISPOSAL OF CHEMICALS, HAZARDOUS SUBSTANCES AND OIL SHALL MEET LOCAL/STATE/FEDERAL REQUIREMENTS.
7. CONTRACTOR TO USE PROPER TECHNIQUES FOR DEWATERING AND FLUSHING OF LINES WITH CONTROLS TO ASSURE THAT WATER QUALITY IS NOT IMPACTED.
8. THE CONSTRUCTION SITE WITH ASSOCIATED LAYDOWN AND FABRICATION AREAS SHOULD BE CONSIDERED UNDER THE SCOPE OF THE STORMWATER MANAGEMENT PLAN. THE LOCATION OF DROP INLETS, CONCENTRATED FLOW AREAS, AND WETLANDS/WATERS OF THE STATE DOWNSTREAM OF THESE AREAS SHALL BE IDENTIFIED PRIOR TO WORK.
9. CONCRETE TRUCK WASH OUT AREAS ARE TO BE DESIGNATED AND PROVISIONS TAKEN TO PREVENT IMPACT TO WATERS OF THE STATE. WASTE SHALL BE DISPOSED OF PER STATE/FEDERAL/LOCAL REGULATIONS.
10. POLLUTANTS WITH POTENTIAL TO BE EXPOSED TO STORMWATER IN THE WORK AREA, LAYDOWN AREAS OR FABRICATION AREA ARE REQUIRED TO BE PROTECTED USING BEST MANAGEMENT PRACTICES. THIS WOULD INCLUDE APPROPRIATE CONTAINMENT DIKES, USE OF CLAMSHELL TYPE CONTAINERS, STORAGE OF MATERIALS IN SHEDS, MINIMIZING POLLUTANTS ON SITE, ETC. PROPER SPILL CONTAINMENT AND CLEANUP SHALL BE ADDRESSED PRIOR TO WORK AND TRAINING SHALL BE DOCUMENTED. THE RESPONSIBILITIES FOR SPILL CLEANUP AND REPORTING SHALL BE DEFINED. CONTINGENCY PLANS AS APPLICABLE SHALL BE IMPLEMENTED AND BE POSTED APPROPRIATELY. SPILL KITS RELATIVE TO POLLUTANTS EXPECTED ON SITE SHALL BE AVAILABLE. SPILL CONTACTS (AGENCY NAME/PHONE NUMBER) RELATIVE TO THE POTENTIAL POLLUTANT USED ON SITE SHALL BE LISTED IN THE PLAN.
11. WHERE POSSIBLE, LAYOUT OF SITE SHALL UTILIZE BEST MANAGEMENT PRACTICES TO LOCATE ACTIVITIES WITH SIGNIFICANT POTENTIAL IN PLACES LESS PRONE TO IMPACT TO SENSITIVE AREAS DOWNSTREAM OF THE CONSTRUCTION SITE. THIS WOULD INCLUDE AVOIDING STORING POTENTIAL POLLUTANTS NEAR DROP INLETS, OUTFALLS, OR AREAS PRONE TO CONCENTRATED FLOW. ACTIVITIES HAVING A HIGH POTENTIAL OF POLLUTANT EXPOSURE SHOULD BE PERFORMED USING BEST MANAGEMENT PRACTICES (BMP) SUCH AS USING TEMPORARY SHEDS OR COVERINGS, LOCATING WORK SUCH THAT AREA DOWNSTREAM OF ACTIVITY IS WELL VEGETATED TO ALLOW FOR VEGETATIVE FILTERING OR OTHER REASONABLE MEASURES BMPS. WHERE FEASIBLE CONSIDER PERFORMING THESE OPERATIONS AT OFFSITE ESTABLISHED FABRICATION AREAS.

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3 DAYS BEFORE DIGGING IN SOUTH CAROLINA
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UNDERGROUND LOCATORS. CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

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FILE NAME: 1164-CS-GN

DWN.	CHKD.	DSGN.	MM.DD.YY
OEM	CWH	CJK	03.08.24

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
THE LANDPLAN GROUP SOUTH, INC.
No. 3092

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
No. 41827
COREY JAMES KING

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
GENERAL NOTES

JOB #: 1164
SCALE: N.T.S.
SHEET: 02 OF 29

S:\Drawings\1100's\1164-WEstend Oakland Street Park Sumter (Dingle)\Drawings\Production Drawings\1164-CS-GN.dwg

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.78'
L2	N 02°23'58" E	5.90'

LEGEND:

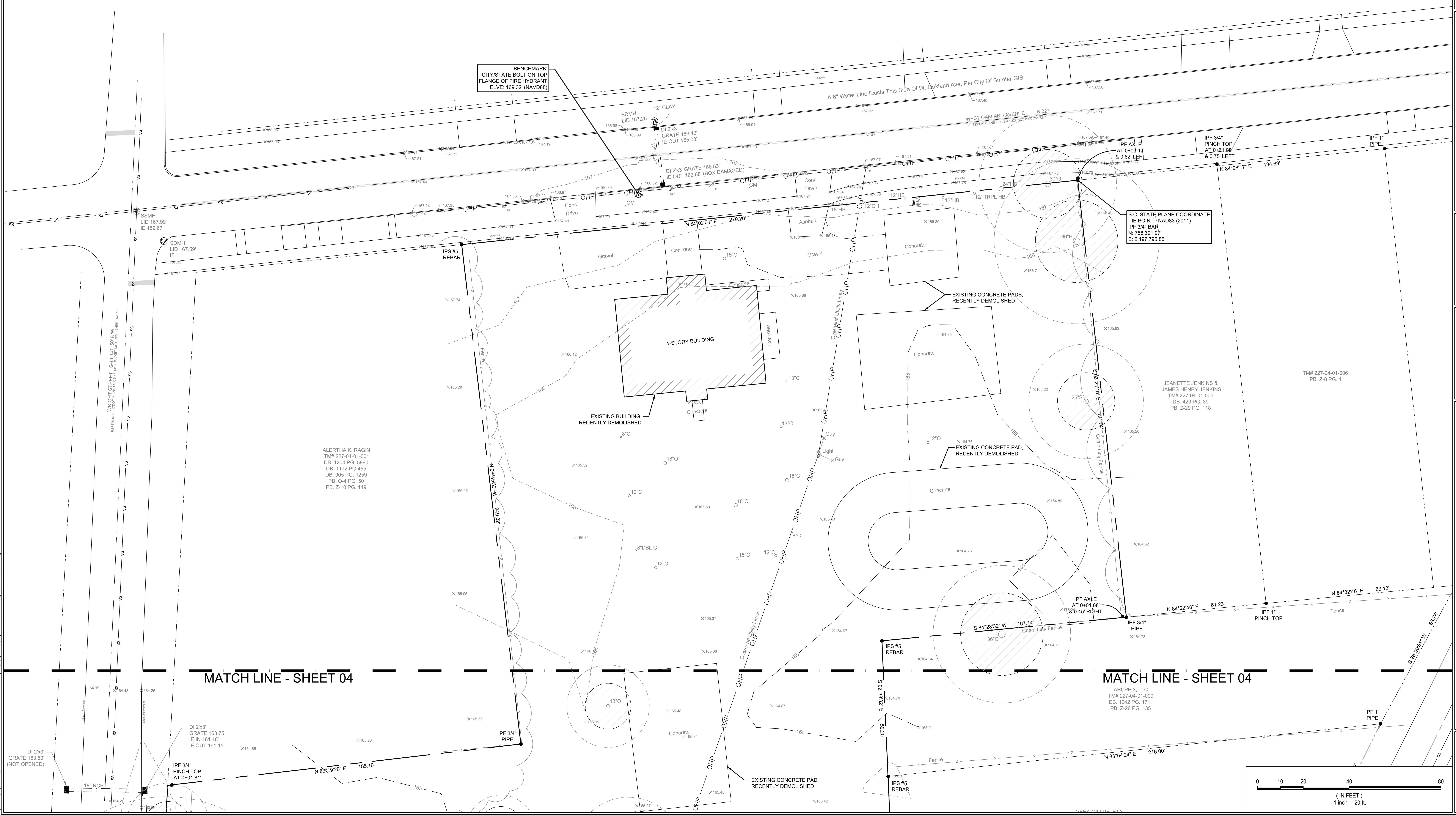
IPF - IRON PIN FOUND
IPS - IRON PIN SET
PP - POWER POLE
LP - LIGHT POLE
WM - WATER METER
FH - FIRE HYDRANT
SSMH - SANITARY SEWER MANHOLE
SDMH - STORM DRAIN MANHOLE
■ DI - STORM DRAIN DROP INLET
FFE - FINISHED FLOOR ELEVATION
RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:

CAT = CATAWBA
C = CEDAR
CH = CHERRY
CM = CRAPE MYRTLE
HB = HACKBERRY
H = HICKORY
LO = LIVE OAK
O = OAK
S = SYCAMORE

N

SC GRID NORTH, NAD '83



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FILE NAME: 1164-EX-PL

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
THE LANDPLAN GROUP SOUTH, INC.
No. 3092

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
No. 41827
COREY JAMES KING
[illegible]

WESTEND PARK

CONSTRUCTION DRAWINGS

CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA

EXISTING CONDITIONS

JOB #: 1164

SCALE: 1" = 20'

SHEET: 03 OF 29

MATCH LINE - SHEET 03

MATCH LINE - SHEET 03

DI 2'x3' GRATE 163.50' (NOT OPENED)

18" RCP

IPF 3/4" PINCH TOP AT 0+01.81'

N 83°19'20" E 155.10'

IPF 3/4" PIPE

DI 2'x3' GRATE 163.75 IE IN 161.18' IE OUT 161.15'

EXISTING CONCRETE PAD, RECENTLY DEMOLISHED

Overhead Utility Lines

Chain Link Fence

Wood Post & Cable Fence

Wood Post & Fence

Concrete

Light

Guy

Picnic Shelter FFE 168.84'

20.0'

30.0'

Playground Equipment Area

'Community Garden Plots'

24" CLAY

60"LO

A 2" Water Line Exists This Side Of Wright St. Per City Of Sumter GIS

N 03°09'44" E 203.85'

10"CAT

12"S

24"O

18"O

15"O

12"O

8"O

30"O

36"O

54"LO

24"H

12"H

12"C

15"C

8"C

8"DBL C

IPS #5 REBAR

IPS #5 REBAR, L1

L2

Bldg.

S 81°39'39" W 60.00'

S 84°28'32" W 107.14'

IPF AXLE AT 0+01.68' & 0.45' RIGHT

IPF 3/4" PIPE

N 84°22'48" E 61.23'

IPF 1" PINCH TOP

N 84°32'46" E 83.13'

S 28°39'51" W 66.76'

S 05°38'32" E 59.20'

S 02°14'39" E 55.75'

S 07°19'06" E 49.70'

IPF #4 REBAR AT 0+53.88' & 4.59' RIGHT

IPF #4 REBAR AT 0+54.26' & 0.59' LEFT

N 83°52'38" E 184.22'

S 84°38'39" W 162.32'

IPF 1/2" SOLID ROD

S 19°57'02" W 57.62'

S 28°31'05" W 65.92'

IPF 1" PIPE

N 83°54'24" E 216.00'

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128,PG. 432
Bryan Lot
PB. G-5 PG. 8

S 83°52'05" W 50.00'

N 03°09'44" E 50.00'

S 83°52'05" W 254.30'

IPS #5 REBAR

DI 2'x2' GRATE 164.00' IE IN & OUT 160.05'

DI 2'x2' GRATE 164.26' IE 162.66'

DI 2'x2' GRATE 163.89'

SSMH LID 165.40' IE 158.15'

SDMH LID 164.93' IE IN (N) 159.09' IE IN (NE) 161.58'

SSMH LID 167.40' IE 159.04'

IPF 1" SOLID ROD

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-63 (SR 15/WRIGHT BLVD), SCDOT No. 43,537, SHEET No. 5

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-63 (SR 15/WRIGHT BLVD), SCDOT No. 43,537, SHEET No. 5

COUNCIL STREET S-372
REFERENCE: SCDOT PLANS FOR S-63 (SR 15/WRIGHT BLVD), SCDOT No. 43,537, SHEET No. 5

24" RCP

12" CI

SS

Fence

N

SC GRID NORTH, NAD '83

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 4182
JAMES K. KNOX

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
EXISTING CONDITIONS

JOB #: 1164
SCALE: 1" = 20'
SHEET: 04 OF 29

S:\Drawings\1100's\1164--WEstend Dekalb Street Park Sumter (Dingle)\Drawings\Production Drawings\1164--EX--PL.dwg

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.76'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
- CAT = CATAWBA
- C = CEDAR
- CH = CHERRY
- CM = CRAPE MYRTLE
- HB = HACKBERRY
- H = HICKORY
- LO = LIVE OAK
- O = OAK
- S = SYCAMORE

N

SC GRID NORTH, NAD '83

'BENCHMARK' CITY/STATE BOLT ON TOP FLANGE OF FIRE HYDRANT ELVE: 169.32' (NAVD88)

RELOCATE EXISTING POWER POLE. CONTRACTOR TO COORDINATE WITH DOMINION ENERGY.

SAW CUT CURB AND CLEAN EDGE OF ASPHALT BASED ON LAYOUT PLAN DRIVEWAY WIDTH

REMOVE CONCRETE DRIVE. SAW CUT CLEAN LINE 6" BEHIND WHITE PAVEMENT EDGE LINE; TYPICAL

SAW CUT AND REMOVE CONCRETE SIDEWALK; TYPICAL

REMOVE ASPHALT; TYPICAL

REMOVE CONCRETE DRIVE. SAW CUT CLEAN LINE 6" BEHIND WHITE PAVEMENT EDGE LINE; TYPICAL

A 6" Water Line Exists This Side Of W. Oakland Ave. Per City Of Sumter GIS.

WEST OAKLAND AVENUE
S-227
REFERENCE: ROOT PLANS FOR S-43-141 DATED May 15, 2023 STREET No. 15

SDMH LID 167.25' 12" CLAY
DI 2'X3' GRATE 166.43' IE OUT 165.28'
DI 2'X3' GRATE 166.53 IE OUT 162.68' (BOX DAMAGED)
SSMH LID 167.99' IE 159.67'
SDMH LID 167.59' IE

IPF AXLE AT 0+00.17' & 0.82' LEFT
IPF 3/4" PINCH TOP AT 0+01.17' & 0.75' LEFT
IPF 1" PIPE
N 84°08'17" E 134.63'

S.C. STATE PLANE COORDINATE TIE POINT - NAD83 (2011)
IPF 3/4" BAR
N: 758,391.07'
E: 2,197,795.85'

N 84°02'01" E 279.20'
IPS #5 REBAR

AREA RECENTLY DEMOLISHED BY OTHERS; TYPICAL
REMOVE FENCE; TYPICAL
CLEAR AND GRUB TO PROPERTY LINE; TYPICAL
1-STORY BUILDING
Concrete
Gravel
Overhead Utility Lines
REMOVE TREE; TYPICAL
REMOVE OVERHEAD UTILITY LINES; TYPICAL
AREA RECENTLY DEMOLISHED BY OTHERS; TYPICAL
TREE PROTECTION FENCING; TYPICAL
REMOVE CHAIN LINK FENCE; TYPICAL
CLEAR AND GRUB EXISTING VEGETATION TO PROPERTY LINE; TYPICAL
Chain Link Fence

ALERTHA K. RAGIN
TM# 227-04-01-001
DB. 1204 PG. 5890
DB. 1172 PG 455
DB. 905 PG. 1259
PB. O-4 PG. 50
PB. Z-10 PG. 119

JEANETTE JENKINS & JAMES HENRY JENKINS
TM# 227-04-01-005
DB. 429 PG. 39
PB. Z-29 PG. 118

TM# 227-04-01-006
PB. Z-8 PG. 1

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

IPF 3/4" PIPE
IPS #5 REBAR
S 84°28'32" W 107.14'
N 84°22'48" E 61.23'
N 84°32'46" E 83.13'
IPF 1" PINCH TOP
IPF 1" PIPE
S 39°39'51" W 68.78'
S 02°23'58" E 59.20'
N 83°54'24" E 216.00'

MATCH LINE - SHEET 06

MATCH LINE - SHEET 06

DI 2'x3' GRATE 163.50' (NOT OPENED)
18" RCP
DI 2'x3' GRATE 163.75 IE IN 161.18' IE OUT 161.15'
IPF 3/4" PINCH TOP AT 0+01.81'
N 83°19'20" E 155.10'
TREE PROTECTION FENCING; TYPICAL
EXISTING VEGETATION TO REMAIN
IPF 3/4" PIPE
TREE PROTECTION FENCING; TYPICAL

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
No. 4182
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DEMOLITION AND TREE PROTECTION PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 05 OF 29

S:\Drawings\1100's\1164--#Extend Oakland Street Park, Sumter (Single)\Drawings\Production Drawings\1164--DM--PL.dwg

MATCH LINE - SHEET 05

MATCH LINE - SHEET 05

AREA RECENTLY DEMOLISHED BY OTHERS; TYPICAL

TREE PROTECTION FENCING; TYPICAL

EXISTING VEGETATION TO REMAIN

IPF 3/4" PIPE

IPF 3/4" PINCH TOP AT 0+01.81'

N 83°19'20" E 155.10'

DI 2'x3' GRATE 163.50' (NOT OPENED)

18" RCP

DI 2'x3' GRATE 163.75 IE IN 161.18' IE OUT 161.15'

INNER CRITICAL ROOT ZONE, TYPICAL

OUTER CRITICAL ROOT ZONE, TYPICAL

'Community Garden Plots'

REMOVE EXISTING CHAINLINK FENCING, DELIVER TO CITY PUBLIC WORKS

REMOVE EXISTING SHELTER; TYPICAL

REMOVE AND STORE EXISTING PLAYGROUND EQUIPMENT AND DELIVER TO CITY OF SUMTER PUBLIC WORKS DEPARTMENT; TYPICAL

Concrete

Covered Play Area

Chain Link Fence

Wood Post & Cable Fence

Overhead Utility Lines

Gazebo

Brick Paver Sidewalk

Playground Equipment

Sandy

Grass

Woody Post & Cable Fence

24" CLAY

60"LO

54"LO

36"LO

30"LO

18"H

24"H

15"O

18"O

24"O

30"O

36"O

42"O

12"CAT

10"CAT

12" OAK

A 2" Water Line Exists This Side Of Wright St. Per City Of Sumter GIS

N 03°09'44" E 203.85'

WRIGHT STREET S-441 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43,505 - SHEET No. 15

24" RCP

DI 2'x2' GRATE 164.00' IE IN & OUT 160.05'

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128,PG. 432
Bryan Lot
PB. G-5 PG. 8

S 83°52'05" W 50.00'

IPS #5 REBAR

N 03°09'44" E 50.00'

S 83°52'05" W 254.30'

A 12" Water Line Exists This Side Of Dingle St. Per City Of Sumter GIS

DI 2'x2' GRATE 164.26' IE 162.66'

SSMH LID 165.40' IE 158.15'

SDMH LID 164.93' IE IN (N) 159.09' IE IN (NE) 161.58'

DI 2'x2' GRATE 163.89'

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43,505 - SHEET No. 26

REMOVE WOOD POST AND CABLE FENCE; TYPICAL

REMOVE TREE; TYPICAL

TREE PROTECTION FENCING; TYPICAL

SAW CUT AND REMOVE CONCRETE SIDEWALK; TYPICAL

SAW CUT CLEAN EDGE OF ASPHALT BASED ON LAYOUT PLAN DRIVEWAY WIDTH

INNER CRITICAL ROOT ZONE, TYPICAL

OUTER CRITICAL ROOT ZONE, TYPICAL

IPF 1" SOLID ROD

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

S 00°03'39" E 120.00'

S 81°39'39" W 60.00'

IPS #5 REBAR

Bldg.

L1

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

S 07°07'06" E 49.70'

IPF AXLE AT 0+01.68' & 0.45' RIGHT

S 84°28'32" W 107.14'

IPF 3/4" PIPE

N 84°22'48" E 61.23'

IPF 1" PINCH TOP

N 84°32'46" E 83.13'

Fence

S 28°39'51" W 66.76'

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

IPS #5 REBAR

S 05°26'38" E 59.00'

IPF 1" PIPE

N 83°54'24" E 216.00'

S 28°31'05" W 65.02'

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

S 02°14'36" E 55.57'

IPF #4 REBAR AT 0+53.88' & 4.59' RIGHT

IPF #4 REBAR AT 0+54.26' & 0.59' LEFT

IPF 1" PINCH TOP

N 83°52'36" E 184.22'

S 19°57'02" W 57.62'

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

IPF 1/2" SOLID ROD

S 84°38'39" W 162.32'

COUNCIL STREET S-372
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43,505 - SHEET No. 9

SSMH LID 167.40' IE 159.04'

N

SC GRID NORTH, NAD '83

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
THE LANDPLAN GROUP SOUTH, INC.
No. 3092

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
No. 41827
JAMES K. KING

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DEMOLITION AND TREE PROTECTION PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 06 OF 29

S:\Drawings\1100's\1164--Westend Oakland Street Park Sumter (Dingle)\Drawings\Production Drawings\1164--DM--PL.dwg

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.78'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
CAT = CATAWBA
C = CEDAR
CH = CHERRY
CM = CRAPE MYRTLE
HB = HACKBERRY
H = HICKORY
LO = LIVE OAK
O = OAK
S = SYCAMORE

NOTES:
1. TRAIL DIMENSION ARE INSIDE DIMENSIONS UNLESS OTHERWISE NOTED.

CAROLINA PARKS & PLAY CONTACT:
ED GRITZNER
ED@CAROLINAPARKSANDPLAY.COM
843.697.8589
PO BOX 1246
CARY, NC 27512

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MICHAEL MONTENARO
MICHAEL.MONTENARO@FONROCHE.US
321.276.9442
WWW.FONROCHESOLARLIGHTING.COM

OWNER:
CITY OF SUMTER
CONTACT: TRIPPER LEE
12 N. MAIN STREET
SUMTER, SC 29150
803.436.2572

ENGINEER:
THE LANDPLAN GROUP SOUTH, INC.
1206 SCOTT STREET
COLUMBIA, SC 29201
803.256.0562

LOT SUMMARY:
TMS# 227-04-01-004
TOTAL PARCEL AREA: 2.94 ACRES
PARCEL ZONING: R-6, SMALL LOT, SINGLE-FAMILY RESIDENTIAL DISTRICT
EXISTING LAND USE: RECREATION FACILITY/PARK
PROPOSED LAND USE: RECREATION FACILITY/PARK
SEWER DISPOSAL: CITY OF SUMTER
WATER DISTRIBUTION: CITY OF SUMTER

PARKING SUMMARY:
MINIMUM REQUIRED PARKING SPACES:
R-6, SMALL LOT, SINGLE-FAMILY RESIDENTIAL DISTRICT
REQUIRED PARKING FOR PARKS/PLAYGROUNDS USE DETERMINED BY INDIVIDUAL PLANNING REVIEW
PROPOSED PARKING PROVIDED:
37 TOTAL SPACES
5 HANDICAP SPACES

R-G ZONING REQUIREMENTS:
(FOR NON-RESIDENTIAL USE)

FRONT BUILDING SETBACK LINE:	25 FEET
SIDE BUILDING SETBACK LINE:	25 FEET
REAR BUILDING SETBACK LINE:	50 FEET
MAX. BUILDING HEIGHT:	45 FEET
MINIMUM LOT AREA:	N/A
MINIMUM LOT WIDTH:	N/A
MINIMUM OPEN SPACE:	N/A
MAXIMUM IMPERVIOUS AREA:	45% OF SITE

N
SC GRID NORTH, NAD '83

WEST OAKLAND AVENUE S-227
SCDOT PLANS FOR S-43-227 NOT DISCOVERED.
WRIGHT STREET S-43-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 * SHEET No. 15.

HEAVY-DUTY ASPHALT WITHIN SCDOT RIGHT-OF-WAY
FLUSH CURB & GUTTER, TYPICAL; SEE DETAIL
PARK SIGNAGE, ±15' WIDTH, SEE DETAILS
TIE TO EXISTING CURB
TIE TO EXISTING CONCRETE SIDEWALK
NEW CURB TO MATCH EXISTING
16" BRICK COLUMN & STEEL FENCING, TYPICAL; SEE DETAIL
CURB TAPPER, TYPICAL
189 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL
INFILTRATION BASIN 2 SEE DETAILS
24" COLUMN, TYP. SEE DETAIL
LIGHT-DUTY ASPHALT
ENTRY GATES SEE DETAILS
SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL; SEE SHEET 1 FOR LIGHTING DIAGRAM
5' SIDEWALK, TYPICAL
5' GATE, TYP.
PROPOSED TRASH CAN BY THE CITY OF SUMTER, TYPICAL
SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL; SEE SHEET 1 FOR LIGHTING DIAGRAM
BENCHES PROVIDED BY THE CITY OF SUMTER, TYPICAL
CONCRETE BASKETBALL COURT; SEE DETAILS
20' OF 4' HEIGHT FENCING, BETWEEN COURTS, TYP.
10' FENCE SET IN SLAB, 6" FROM EDGE OF CONCRETE; TYP.
FENCE TRANSITION FROM 10' TO 4' HEIGHT, TYP.
4' FENCE SET IN SLAB, 6" FROM EDGE OF CONCRETE; TYP.
INFILTRATION BASIN 1 SEE DETAILS
INFILTRATION BASIN 3 SEE DETAILS
OPEN LAWN
10' BUFFER
107 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL
158 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL
5' SIDEWALK, TYPICAL; SEE DETAIL
Chain Link Fence
Fence
Edge Of Pavement

ALERTHA K. RAGIN
TM# 227-04-01-001
DB. 1204 PG. 5890
DB. 1172 PG 455
DB. 905 PG. 1259
PB. O-4 PG. 50
PB. Z-10 PG. 119

JEANETTE JENKINS & JAMES HENRY JENKINS
TM# 227-04-01-005
DB. 429 PG. 39
PB. Z-29 PG. 118

TM# 227-04-01-006
PB. Z-8 PG. 1

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL

MATCH LINE - SHEET 08
MATCH LINE - SHEET 08

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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

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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
No. 418277
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUMTER, SUMTER COUNTY, SOUTH CAROLINA
LAYOUT PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 07 OF 29

S:\Drawings\1100's\1164--Westend Oakland Street Park, Sumter (Single)\Drawings\Production Drawings\1164--SP--PL.dwg

MATCH LINE - SHEET 07

MATCH LINE - SHEET 07

FENCE TRANSITION FROM 10' TO 4' HEIGHT, TYP.

10' FENCE SET IN SLAB, 6" FROM EDGE OF CONCRETE; TYP.

INFILTRATION BASIN 1 SEE DETAILS

INFILTRATION BASIN 3 SEE DETAILS

OPEN LAWN

ONE (1) 5' WIDE 5' TALL VINYL COATED CHAIN LINK ACCESS GATE

5' SIDEWALK, TYPICAL

'Community Garden Plots'

SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL; SEE SHEET 1 FOR LIGHTING DIAGRAM

443 LF OF NEW 5' VINYL COATED CHAIN LINK FENCING

DRINKING FOUNTAIN; #T9F761216BLF GLOBAL INDUSTRIAL OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLING STATION W/ FILTER; SEE SPECS.

PROPOSED TRASH CAN BY THE CITY OF SUMTER, TYPICAL

ONE (1) 5' WIDE 5' TALL VINYL COATED CHAIN LINK ACCESS GATE

TWO (2) 8' WIDE 5' TALL VINYL COATED CHAIN LINK ACCESS GATE

RESTROOM/PAVILION SEE ARCH PLANS

ROOF LINE

2-5 YEAR OLD PLAYGROUND, SEE DETAILS

FLUSH CONC. CURB, TYP

PLAYGROUND EQUIPMENT BY CAROLINA PARKS AND PLAY, OR APPROVED EQUAL; SEE DETAILS

POUR IN PLACE RUBBER SURFACING ±2,500SF; CONTRACTOR SHALL SUBMIT COLOR SAMPLES; SEE DETAILS

4' TALL STEEL FENCING, TYP. SEE DETAIL

4' SIDEWALK, TYPICAL

5-12 YEAR OLD PLAYGROUND, SEE DETAIL

FLUSH CONC. CURB, TYP

FLAGSTONE STEPPING STONE, TYPICAL

BENCHES PROVIDED BY THE CITY OF SUMTER, TYPICAL

CONCRETE PAD FOR BENCH, TYPICAL

INFILTRATION BASIN 4 SEE DETAILS

16" BRICK COLUMN & STEEL FENCING, TYPICAL; SEE DETAIL

FLUSH CURB, TYPICAL;

120 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL

LIGHT-DUTY ASPHALT

PARK SIGNAGE, ±15' WIDTH, SEE DETAILS

ENTRY GATES SEE DETAILS

24" COLUMN, TYP. SEE DETAIL

TIE TO EXISTING CONCRETE SIDEWALK

CURB TAPPER, TYPICAL

TIE TO EXISTING CONCRETE SIDEWALK

HEAVY-DUTY ASPHALT WITHIN SCDOT RIGHT-OF-WAY

107 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL

158 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL

5' SIDEWALK, TYPICAL; SEE DETAIL

158 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL

81 LF OF 5' WOODEN FENCE; OFFSET 1' FROM PROPERTY LINE, TYPICAL; SEE DETAIL

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128 PG. 432
'Bryan Lot'
PB. G-5 PG. 8

10' BUFFER

Chain Link Fence

Fence

Edge Of Pavement

Sidewalk

Bldg.

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 - SHEET No. 15

COUNCIL STREET S-472
REFERENCE: SCDOT PLANS FOR S-43-472 - DOCKET No. 43.335 - SHEET No. 9

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43.322 - SHEET No. 26.

SC GRID NORTH, NAD '83

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THE LANDPLAN GROUP SOUTH
LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
1206 SCOTT STREET
COLUMBIA, SC 29201
803.256.0562
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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL
No. 41827
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
LAYOUT PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 08 OF 29

S:\Drawings\1100's\1164-Westend_Oakland_Street_Park_Sumter_(Dingle)\Drawings\Production_Drawings\1164-SP-PL.dwg

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.78'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
- CAT = CATAWBA
- C = CEDAR
- CH = CHERRY
- CM = CRAPE MYRTLE
- HB = HACKBERRY
- H = HICKORY
- LO = LIVE OAK
- O = OAK
- S = SYCAMORE

NOTES:
1. CONTRACTOR SHALL NOT GRADE/EXCAVATE WITHIN TREE CRITICAL ROOT ZONES WITH MECHANICAL EQUIPMENT. CRITICAL ROOT ZONES SHALL BE HAND GRADED/EXCAVATED. CONTRACTOR TO COORDINATE WITH BROCK McDANIEL (803-468-6835) WITH THE CITY OF SUMTER WHILE GRADING/EXCAVATING WITHIN CRITICAL ROOT ZONES.

EROSION CONTROL LEGEND

PLAN SYMBOL	DESCRIPTION
	SILT FENCE
LOD LOD	LIMITS OF DISTURBANCE
PS	PERMANENT SEEDING
SOD	SODDING
M	MULCHING
ECB	EROSION CONTROL BLANKET (EBC)
	STABILIZED CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT
A	TYPE A - FILTER INLET PROTECTION
F	TYPE F - INLET TUBES INLET PROTECTION
	RIPRAP OUTLET PROTECTION
	TEMPORARY STOCKPILE AREA
	EQUIPMENT STORAGE AREA

N
SC GRID NORTH, NAD '83

WEST OAKLAND AVENUE S-227
SCDOT PLANS FOR S-43-227 NOT DISCOVERED.
A 6" Water Line Exists This Side Of W. Oakland Ave. Per City Of Sumter GIS.
Sidewalk
Curb
OHP
PP
SSMH LID 167.99' IE 159.67'
SDMH LID 167.59' IE
SDMH LID 167.25'
12" CLAY
DI 2'X3' GRATE 166.43' IE OUT 165.08'
DI 2'x3' GRATE 166.53' IE OUT 162.68' (BOX DAMAGED)
TEMPORARY CONSTRUCTION ENTRANCE, TYP.
TYPE-F SEDIMENT TUBE INLET PROTECTION, TYP.
PERMANENT SEEDING, TYP.
PS
ECB
EROSION CONTROL BLANKET (FOR 3H:1V SLOPES), TYP.
CONCRETE WASHOUT AREA (LOCATION TO BE FIELD DETERMINED)
INFILTRATION BASIN 2 SEE DETAIL
SODDING, REFER TO LANDSCAPING PLAN FOR LIMITS, TYP.
TREE PROTECTION FENCING, TYP.
TOPSOIL STOCKPILE AREA (LOCATION TO BE FIELD DETERMINED)
SILT FENCE, TYP.
LIMITS OF DISTURBANCE, TYP.
EMERGENCY SPILLWAY SEE DETAIL
EQUIPMENT STORAGE AREA (LOCATION TO BE FIELD DETERMINED)
INFILTRATION BASIN 1 SEE DETAIL
INFILTRATION BASIN 3 SEE DETAIL
SODDING, REFER TO LANDSCAPING PLAN FOR LIMITS, TYP.
SOD
WRIGHT STREET S-43-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43,322 * SHEET No. 15.
Edge Of Pavement
DI 2'x3' GRATE 163.50' (NOT OPENED)
DI 2'x3' GRATE 163.75 IE IN 161.18' IE OUT 161.15'
18" RCP
ALERTHA K. RAGIN TM# 227-04-01-001 DB. 1204 PG. 5890 DB. 1172 PG 455 DB. 905 PG. 1259 PB. O-4 PG. 50 PB. Z-10 PG. 119
JEANETTE JENKINS & JAMES HENRY JENKINS TM# 227-04-01-005 DB. 429 PG. 39 PB. Z-29 PG. 118
TM# 227-04-01-006 PB. Z-8 PG. 1
ARCPE 3, LLC TM# 227-04-01-009 DB. 1242 PG. 1711 PB. Z-26 PG. 135
VERA GILLIS, ETAL
Fence
Chain Link Fence
MATCH LINE - SHEET 10
MATCH LINE - SHEET 10

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THE LANDPLAN GROUP SOUTH
LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
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	DWN.	CHKD.	DSGN.
			03.08.24
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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL ENGINEER
No. 41827
JAMES KING

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
EROSION CONTROL PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 09 OF 29

S:\Drawings\1100's\1164--Westend Oakland Street Park, Sumter (Dingle)\Drawings\Production Drawings\1164--EC--PL.dwg

MATCH LINE - SHEET 09

MATCH LINE - SHEET 09

INFILTRATION BASIN 1
SEE DETAIL

INFILTRATION BASIN 3
SEE DETAIL

EMERGENCY SPILLWAY
SEE DETAIL

SODDING, REFER TO
LANDSCAPING PLAN
FOR LIMITS, TYP.

DI 2'x3'
GRATE 163.75
IE IN 161.18'
IE OUT 161.15'

DI 2'x3'
GRATE 163.50'
(NOT OPENED)

18" RCP

Edge Of Pavement

Edge Of Pavement

Chain Link Fence

'Community Garden Plots'

24" CMP

Wood Post & Cable Fence

A 2" Water Line Exists This Side Of Wright St. Per City Of Sumter GIS

10"CAT

RESTROOM/PAVILION
SEE ARCH PLANS.

TREE PROTECTION FENCING, TYP.

LIMITS OF DISTURBANCE, TYP.

INNER CRITICAL ROOT ZONE, TYP.

OUTER CRITICAL ROOT ZONE, TYP.

SILT FENCE, TYP.

TREE PROTECTION FENCING, TYP.

LIMITS OF DISTURBANCE, TYP.

SODDING, REFER TO LANDSCAPING PLAN FOR LIMITS, TYP.

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 - SHEET No. 15

24" RCP

INFILTRATION BASIN 4
SEE DETAIL

EMERGENCY SPILLWAY
SEE DETAIL

DI 2'x2'
GRATE 164.69'
IE N & OUT 160.05'

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128 PG. 432
Bryan Lot
PB. G-5 PG. 8

24" RCP

Sidewalk

A 12" Water Line Exists This Side Of Dingle St. Per City Of Sumter GIS

SODDING, REFER TO LANDSCAPING PLAN FOR LIMITS, TYP.

PERMANENT RIPRAP OUTLET PROTECTION SEE DETAIL.

TEMPORARY CONSTRUCTION ENTRANCE, TYP.

TYPE-A FILTER FABRIC INLET PROTECTION (PRE-PAVING), TYP.

DI 2'x2'
GRATE 164.26'
IE 162.66'

12" CMP

SSMH
LID 165.40'
IE 158.15'

SDMH
LID 164.93'
IE IN (N) 159.09'
IE IN (NE) 161.58'

DI 2'x2'
GRATE 163.89'

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43.322 - SHEET No. 26.

Edge Of Pavement

Edge Of Pavement

SSMH
LID 167.40'
IE 159.04'

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

COUNCIL STREET S-472
REFERENCE: SCDOT PLANS FOR S-43-472 - DOCKET No. 43.335 - SHEET No. 9

Fence

Chain Link Fence

Wire Fence

Bldg.

EMERGENCY SPILLWAY
SEE DETAIL

N

SC GRID NORTH, NAD '83

NOTES:
1. CONTRACTOR SHALL NOT GRADE/EXCAVATE WITHIN TREE CRITICAL ROOT ZONES WITH MECHANICAL EQUIPMENT. CRITICAL ROOT ZONES SHALL BE HAND GRADED/EXCAVATED. CONTRACTOR TO COORDINATE WITH BROCK McDANIEL (803-468-6835) WITH THE CITY OF SUMTER WHILE GRADING/EXCAVATING WITHIN CRITICAL ROOT ZONES.

EROSION CONTROL LEGEND	
PLAN SYMBOL	DESCRIPTION
	SILT FENCE
LOD LOD	LIMITS OF DISTURBANCE
PS	PERMANENT SEEDING
SOD	SODDING
M	MULCHING
ECB	EROSION CONTROL BLANKET (EBC)
	STABILIZED CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT
A	TYPE A - FILTER INLET PROTECTION
F	TYPE F - INLET TUBES INLET PROTECTION
	RIPRAP OUTLET PROTECTION
	TEMPORARY STOCKPILE AREA
	EQUIPMENT STORAGE AREA

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THE LANDPLAN GROUP SOUTH
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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

REGISTERED PROFESSIONAL
SOUTH CAROLINA
No. 41827
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
EROSION CONTROL PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 10 OF 29

S:\Drawings\1100's\1164--WEstend Oakland Street Park, Sumter (Dingle)\Drawings\Production Drawings\1164--EC--PL.dwg

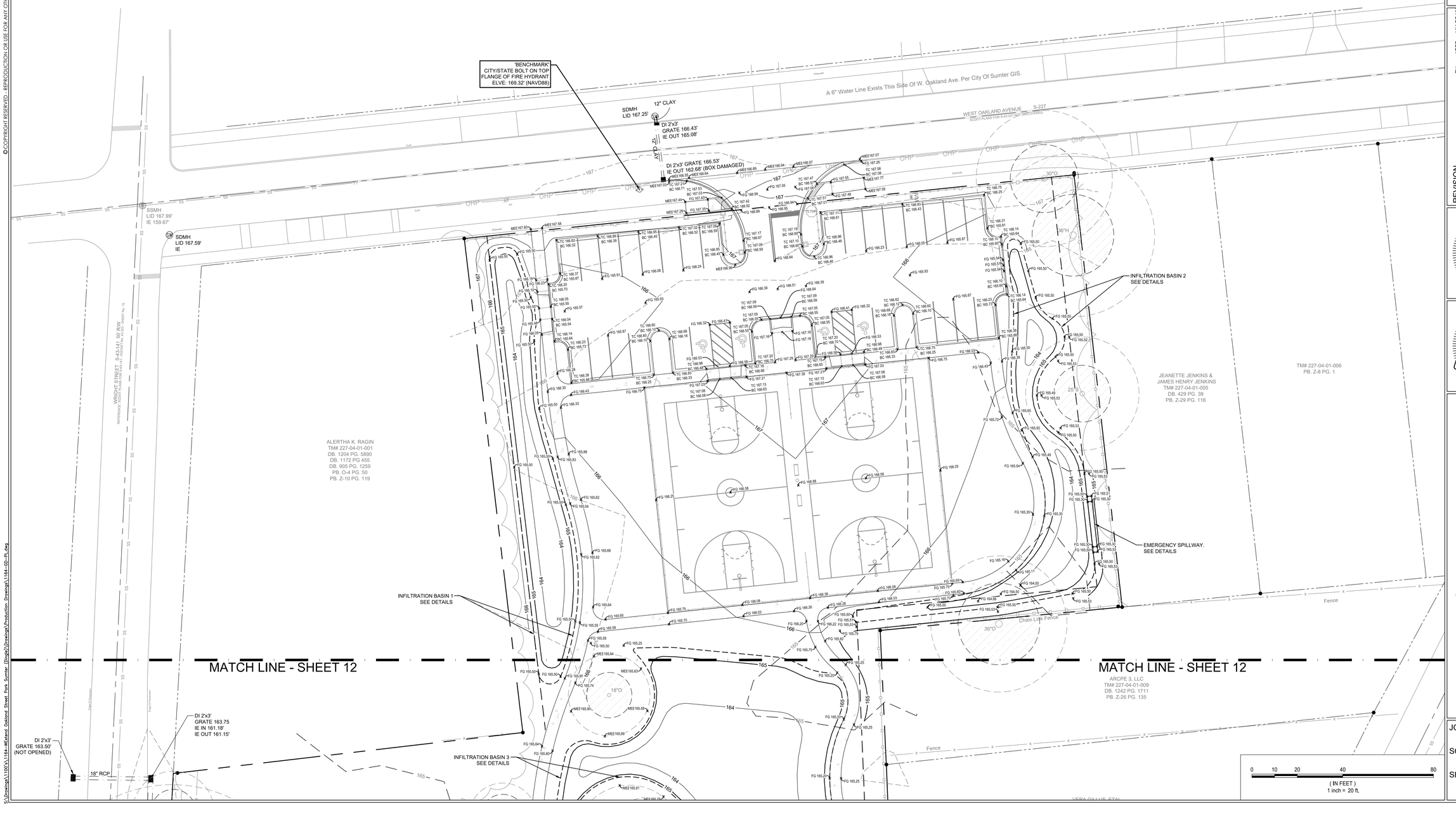
LINE TABLE

LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.76'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
CAT = CATAWBA
C = CEDAR
CH = CHERRY
CM = CRAPE MYRTLE
HB = HACKBERRY
H = HICKORY
LO = LIVE OAK
O = OAK
S = SYCAMORE

STORM DRAINAGE NOTES:
1. CONTRACTOR SHALL PROVIDE AS-BUILT OF STORM DRAINAGE SYSTEM BY A LICENSED SURVEYOR IN AUTOCAD FORMAT.
2. "DI" = DROP INLET
   "JB" = JUNCTION BOX
   "ID" = ADS NYLOPLAST INLINE DRAIN (OR APPROVED EQUAL)
   "DB" = ADS NYLOPLAST DRAIN BASIN (OR APPROVED EQUAL)
3. CONTRACTOR SHALL NOT GRADE/EXCAVATE WITHIN TREE CRITICAL ROOT ZONES WITH MECHANICAL EQUIPMENT. CRITICAL ROOT ZONES SHALL BE HAND GRADED/EXCAVATED. CONTRACTOR TO COORDINATE WITH BROCK McDANIEL (803-468-6835) WITH THE CITY OF SUTMER WHILE GRADING/EXCAVATING WITHIN CRITICAL ROOT ZONES.



N

SC GRID NORTH, NAD '83

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

REGISTERED LANDSCAPE ARCHITECT
SOUTH CAROLINA PROFESSIONAL LIC.
No. 4182
JAMES K. [illegible]

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
GRADING AND DRAINAGE PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 11 OF 29

S:\Drawings\1100's\1164--WEstend Oakland Street Park Sumter (Drngs)\Drawings\Production Drawings\1164--GD--PL.dwg

MATCH LINE - SHEET 11

MATCH LINE - SHEET 11

INFILTRATION BASIN 1
SEE DETAILS

INFILTRATION BASIN 3
SEE DETAILS

INFILTRATION BASIN 4
SEE DETAILS

EMERGENCY SPILLWAY.
SEE DETAILS

EMERGENCY SPILLWAY.
SEE DETAILS

RESTROOM/PAVILION
SEE ARCH PLANS.

PLAYGROUND UNDERDRAIN TO BE DESIGNED AND INSTALLED BY PLAYGROUND CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE 6" PVC STUB OUT FOR PLAYGROUND UNDERDRAIN AND COORDINATE WITH PLAYGROUND INSTALLER.

DI 2'x3'
GRATE 163.75
IE IN 161.18'
IE OUT 161.15'

DI 2'x3'
GRATE 163.50'
(NOT OPENED)

18" RCP

24" RCP

24" RCP

24" RCP

HI 1-B
GRATE: 165.51
INV OUT: 162.89

25.0 LF OF 6" PVC PIPE AT A MINIMUM SLOPE OF 1.00%

6" PVC
INV: 162.75

EOP 1-A
INV: 162.60

27.6 LF OF 12" RCP
AT 1.00% SLOPE

DI 2'x2'
GRATE 164.26'
IE 162.66'

DI 2'x2'
GRATE 163.89'

DI 2'x2'
GRATE 160.05'
IE IN & OUT

SDMH
LID 164.93'
IE IN (N) 159.09'
IE IN (NE) 161.58'

SSMH
LID 165.40'
IE 158.15'

SSMH
LID 167.40'
IE 159.04'

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128 PG. 432
'Bryan Lot'
PB. G-5 PG. 8

'Community Garden Plots'

Bldg.

Fence

Chain Link Fence

Wood Post & Cable Fence

A 12" Water Line Exists This Side Of Wright St. Per City Of Sumter GIS

A 12" Water Line Exists This Side Of Dingle St. Per City Of Sumter GIS

WRIGHT STREET S-141 66' R/W
REFERENCE: SCDOT PLANS FOR S-63-104 - SCDOT No. 43.322 - SHEET No. 26

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-63-104 - SCDOT No. 43.322 - SHEET No. 26

COUNCIL STREET S-372
REFERENCE: SCDOT PLANS FOR S-63-104 - SCDOT No. 43.322 - SHEET No. 5

Edge of Pavement

Edge of Gravel

Centerline

SC GRID NORTH, NAD '83

N

STORM DRAINAGE NOTES:

1. CONTRACTOR SHALL PROVIDE AS-BUILT OF STORM DRAINAGE SYSTEM BY A LICENSED SURVEYOR IN AUTOCAD FORMAT.
2. "DI" = DROP INLET
   "JB" = JUNCTION BOX
   "ID" = ADS NYLOPLAST INLINE DRAIN (OR APPROVED EQUAL)
   "DB" = ADS NYLOPLAST DRAIN BASIN (OR APPROVED EQUAL)
3. CONTRACTOR SHALL NOT GRADE/EXCAVATE WITHIN TREE CRITICAL ROOT ZONES WITH MECHANICAL EQUIPMENT. CRITICAL ROOT ZONES SHALL BE HAND GRADED/EXCAVATED. CONTRACTOR TO COORDINATE WITH BROCK McDANIEL (803-468-6835) WITH THE CITY OF SUTMER WHILE GRADING/EXCAVATING WITHIN CRITICAL ROOT ZONES.

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THE LANDPLAN GROUP SOUTH
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FILE NAME: 1164-GD-PL	CJK	CWH	CJK 03.08.24
	DWN.	CHKD.	DSGN. MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL
No. 41827
REGISTERED
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
GRADING AND DRAINAGE PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 12 OF 29

S:\Drawings\1100's\1164-WEstend Oakland Street Park Sumter (Origel)\Drawings\Production Drawings\1164-GD-PL.dwg

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.78'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
- CAT = CATAWBA
- C = CEDAR
- CH = CHERRY
- CM = CRAPE MYRTLE
- HB = HACKBERRY
- H = HICKORY
- LO = LIVE OAK
- O = OAK
- S = SYCAMORE

UTILITY NOTES:
1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL USE VERTICAL BENDS AS NECESSARY TO ACHIEVE PROPER VERTICAL CLEARANCE BETWEEN PROPOSED WATER LINES AND OTHER UTILITY CROSSINGS.

N

SC GRID NORTH, NAD '83

WEST OAKLAND AVENUE S-227
SCDOT PLANS FOR S-43-227 NOT DISCOVERED.

WRIGHT STREET S-43-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 - SHEET No. 15.

A 6" Water Line Exists This Side Of W. Oakland Ave. Per City Of Sumter GIS.

1 ABANDON EXISTING WATER METER IN PLACE. CONTRACTOR TO COORDINATE WITH CITY OF SUMTER.

EXISTING FIRE HYDRANT, TYP.

SSMH LID 167.99' IE 159.67'

SDMH LID 167.59' IE

SDMH LID 167.25'

12" CLAY

DI 2'X3' GRATE 166.43' IE OUT 165.08'

DI 2'X3' GRATE 166.53' IE OUT 162.68' (BOX DAMAGED)

SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL

SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL

DI 2'x3' GRATE 163.50' (NOT OPENED)

18" RCP

DI 2'x3' GRATE 163.75 IE IN 161.18' IE OUT 161.15'

Edge Of Pavement

Edge Of Pavement

Sidewalk

Curb

Fence

Chain Link Fence

ALERTHA K. RAGIN
TM# 227-04-01-001
DB. 1204 PG. 5890
DB. 1172 PG 455
DB. 905 PG. 1259
PB. O-4 PG. 50
PB. Z-10 PG. 119

JEANETTE JENKINS & JAMES HENRY JENKINS
TM# 227-04-01-005
DB. 429 PG. 39
PB. Z-29 PG. 118

TM# 227-04-01-006
PB. Z-8 PG. 1

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

MATCH LINE - SHEET 14

MATCH LINE - SHEET 14

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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1 Revised per City of Sumter Comments	CJK	CJK	03.11.24
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3			
4			
5			
FILE NAME: 1164-WS-PL	CJK	CWH	CJK 03.08.24
	DWN.	CHKD.	DSGN. MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL
No. 41827
JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
UTILITY PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 13 OF 29

S:\Drawings\1100's\1164-WEstend Oakland Street Park, Sumter (Origel)\Drawings\Production Drawings\1164-WS-PL.dwg

MATCH LINE - SHEET 13

MATCH LINE - SHEET 13

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43,322 - SHEET No. 15

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43,322 - SHEET No. 26

COUNCIL STREET S-472
REFERENCE: SCDOT PLANS FOR S-43-472 - DOCKET No. 43,335 - SHEET No. 9

DI 2'x3'
GRATE 163.50'
(NOT OPENED)

DI 2'x3'
GRATE 163.75
IE IN 161.18"
IE OUT 161.15'

18" RCP

Edge Of Pavement

Chain Link Fence

Wood Post & Cable Fence

A 2" Water Line Exists This Side Of Wright St. Per City Of Sumter GIS

'Community Garden Plots'

REFER TO PLUMBING PLAN FOR EXACT LOCATION OF WATER SERVICE ENTERING BUILDING.

REFER TO PLUMBING PLANS FOR EXACT LOCATION OF SEWER SERVICE EXITING BUILDING.
INV: ±164.17

DRINKING FOUNTAIN:
#T9F761216BLF
GLOBAL INDUSTRIAL OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLING STATION W/ FILTER;
SEE SPECS.

RESTROOM/PAVILION
SEE ARCH PLANS.

13.5 LF OF 4" PVC SANITARY SEWER SERVICE LINE AT MINIMUM 2.0% SLOPE

4" CLEANOUT
INV: ±163.90

PROPOSED 1" DOMESTIC SERVICE WATER LINE FROM TEE TO WATER FOUNTAIN (SDR21 PVC)

1 - 1½"X1½"X1" TEE
1 - 1" GATE VALVE

PROPOSED 1½" DOMESTIC SERVICE WATER LINE (SDR21 PVC)

STUB-OUT 1" IRRIGATION LINE (REFER TO IRRIGATION PLANS FOR CONTINUATION. IRRIGATION PLAN SHALL BE DESIGN-BUILD PROVIDED BY CONTRACTOR)

1" DOUBLE CHECK BACKFLOW PREVENTER WITH BOX

1 - 1½"X1½"X1" TEE
1 - 1" GATE VALVE

PROPOSED 1" DOMESTIC WATER METER WITH BOX (METER BY CITY OF SUMTER)

75.0 LF OF 4" PVC SANITARY SEWER SERVICE LINE AT MINIMUM 2.0% SLOPE

SOLAR LIGHT POLE BY FONROCHE LIGHTING AMERICA, TYPICAL

4" CLEANOUT
INV: ±163.90

26.9 LF OF 4" PVC SANITARY SEWER SERVICE LINE AT MINIMUM 2.0% SLOPE

4" CLEANOUT
INV: ±161.86

27.8 LF OF 4" PVC SANITARY SEWER SERVICE LINE AT 11.7% SLOPE

TIE TO EXISTING SANITARY SEWER MAIN
INV: ±158.60

PROPOSED 2" SERVICE TAP TO EXISTING 12" CITY OF SUMTER WATER MAIN (CONTRACTOR SHALL CONFIRM EXACT SIZE AND LOCATION OF EXISTING WATER MAIN)

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128 PG. 432
'Bryan Lot'
PB. G-5 PG. 8

SSMH
LID 165.40'
IE 158.15'

SSMH
LID 164.93'
IE IN (N) 159.09'
IE IN (NE) 161.58'

SSMH
LID 167.40'
IE 159.04'

DI 2'x2'
GRATE 164.09'
IE IN & OUT 160.05'

DI 2'x2'
GRATE 161.26'
IE 162.66'

DI 2'x2'
GRATE 163.89'

A 12" Water Line Exists This Side Of Dingle St. Per City Of Sumter GIS

Sidewalk

Edge Of Pavement

Fence

Chain Link Fence

Wire Fence

24" RCP

12" CI

8" CI

N

SC GRID NORTH, NAD '83

UTILITY NOTES:
1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL USE VERTICAL BENDS AS NECESSARY TO ACHIEVE PROPER VERTICAL CLEARANCE BETWEEN PROPOSED WATER LINES AND OTHER UTILITY CROSSINGS.

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

THE LANDPLAN GROUP SOUTH
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1. Revised per City of Sumter Comments	CJK	CJK	03.11.24
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FILE NAME: 1164-WS-PL	CJK	CWH	CJK 03.08.24
	DWN.	CHKD.	DSGNL MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

LICENSED PROFESSIONAL ENGINEER
SOUTH CAROLINA
No. 41827
JAMES C. KNOX
REGISTERED

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
UTILITY PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 14 OF 29

S:\Drawings\1100's\1164-Westend Oakland Street Park, Sumter (Dingle)\Drawings\Production Drawings\1164-WS-PL.dwg

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.76'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
- PP - POWER POLE
- LP - LIGHT POLE
- WM - WATER METER
- FH - FIRE HYDRANT
- SSMH - SANITARY SEWER MANHOLE
- SDMH - STORM DRAIN MANHOLE
- DI - STORM DRAIN DROP INLET
- FFE - FINISHED FLOOR ELEVATION
- RCP - REINFORCED CONCRETE PIPE

TREE LEGEND:
- CAT = CATAWBA
- C = CEDAR
- CH = CHERRY
- CM = CRAPE MYRTLE
- HB = HACKBERRY
- H = HICKORY
- LO = LIVE OAK
- O = OAK
- S = SYCAMORE

LANDSCAPING NOTES:
1. ALL LANDSCAPING SHALL BE MECHANICALLY IRRIGATED. CONTRACTOR SHALL SUPPLY DESIGN-BUILD DRAWINGS SHOWING ALL SHRUBS AND TRESS TO HAVE DRIP IRRIGATION AND ALL TURF AREAS TO HAVE SPRAY HEADS. SEE SPECIFICATIONS. CONTRACTOR SHALL SUBMIT DRAWING FOR OWNER REVIEW AND APPROVAL.
2. 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.
3. ALL AREAS NOT COVERED BY CONSTRUCTION OR PLANT BED AREAS, SHALL BE PLACED IN TURF. ALL RIGHT-OF-WAY AREAS BETWEEN PLANT BEDS AND EDGE OF PAVEMENT SHALL BE PLACED IN TURF.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND LICENSES FROM THE PROPER AUTHORITIES BEFORE BEGINNING ANY WORK WITHIN THE RIGHT-OF-WAY OR SITE.
5. STEEL EDGING TO BE BORDER CONCEPTS "BORDER STRETCH" IN BLACK OR APPROVED EQUAL.
   BORDER CONCEPTS: WWW.BORDERCONCPETS.COM
   800-845-3343

N

SC GRID NORTH, NAD '83

WEST OAKLAND AVENUE S-227
SCDOT PLANS FOR S-43-227 NOT DISCOVERED.

WRIGHT STREET S-43-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 * SHEET No. 15.

ALERTHA K. RAGIN
TM# 227-04-01-001
DB. 1204 PG. 5890
DB. 1172 PG 455
DB. 905 PG. 1259
PB. O-4 PG. 50
PB. Z-10 PG. 119

JEANETTE JENKINS &
JAMES HENRY JENKINS
TM# 227-04-01-005
DB. 429 PG. 39
PB. Z-29 PG. 118

TM# 227-04-01-006
PB. Z-8 PG. 1

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLIS, ETAL

3"-6" RIVER ROCK, 489SF; COLOR BY OWNER, TYPICAL

3"-6" RIVER ROCK, 453SF; COLOR BY OWNER, TYPICAL

SOD

SOD LIMITS, TYPICAL

MATCH LINE - SHEET 14

MATCH LINE - SHEET 14

Edge Of Pavement

Edge Of Pavement

Curb

Sidewalk

Fence

Silt Fence

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1666

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
LANDSCAPE PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 15 OF 29

S:\Drawings\1100's\1164--Westend Oakland Street Park Sumter (Single)\Drawings\Production Drawings\1164--LA--PL.dwg

MATCH LINE - SHEET 13

MATCH LINE - SHEET 13

3'-6" RIVER ROCK, 4533SF; COLOR BY OWNER, TYPICAL

SOD LIMITS, TYPICAL

SOD

'Community Garden Plots'

RESTROOM/PAVILION SEE ARCH PLANS.

MULCH

Chain Link Fence

Wood Post & Rail Fence

Edge Of Pavement

Sidewalk

Fence

Bldg.

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 - SHEET No. 15

DINGLE STREET S-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43.322 - SHEET No. 26.

COUNCIL STREET S-472
REFERENCE: SCDOT PLANS FOR S-43-472 - DOCKET No. 43.335 - SHEET No. 9

ARCPE 3, LLC
TM# 227-04-01-009
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THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128,PG. 432
'Bryan Lot'
PB. G-5 PG. 8

N

SC GRID NORTH, NAD '83

LANDSCAPING NOTES:

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   BORDER CONCEPTS: WWW.BORDERCONCPETS.COM
   800-845-3343

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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COLUMBIA, SC 29201
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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

REGISTERED LANDSCAPE ARCHITECT
State of South Carolina
No. 1666
OLIVIA M. ETHERIDGE

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
LANDSCAPE PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 16 OF 29

S:\Drawings\1100's\1164-WEStend_Oakland_Street_Park_Sumter_(Dingle)\Drawings\Production Drawings\1164-LA-PL.dwg

LEGEND

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 84°38'39" W	21.78'
L2	N 02°23'58" E	5.90'

LEGEND:
- IPF - IRON PIN FOUND
- IPS - IRON PIN SET
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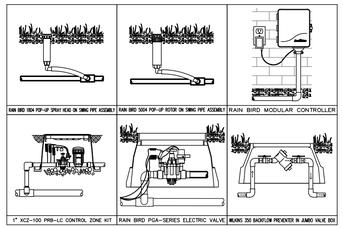
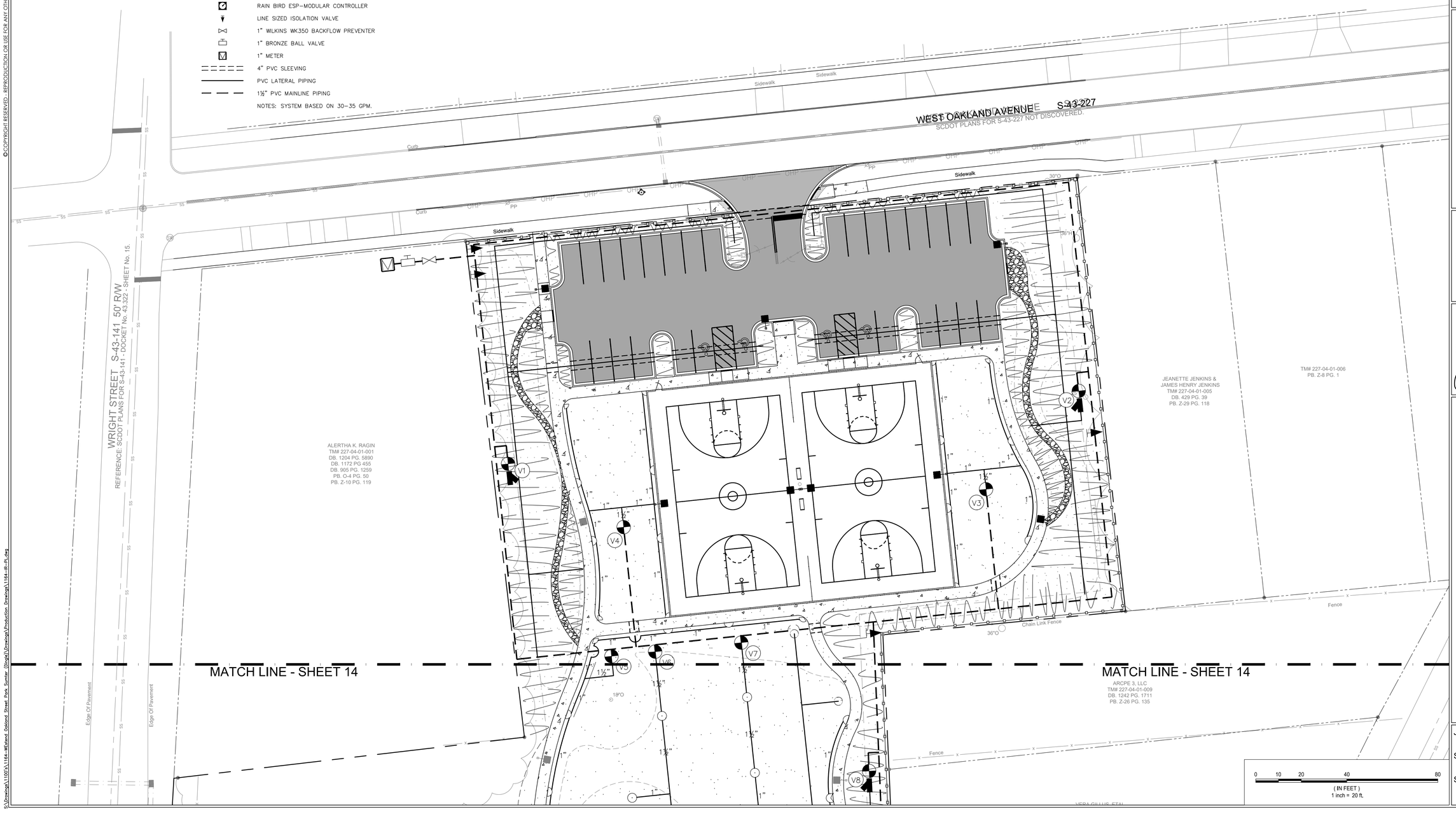
- CH = CHERRY
- CM = CRAPE MYRTLE
- HB = HACKBERRY
- H = HICKORY
- LO = LIVE OAK
- O = OAK
- S = SYCAMORE

SYMBOL	DESCRIPTION
	RAIN BIRD INLINE DRIP TUBING ON 18" SPACING
	RAIN BIRD 1804 POP-UP SPRAY HEADS WITH THE FOLLOWING NOZZLES:
	8H 10T
	10H 15T
	15H 15TT
	15F 15EST
	15SST
	RAIN BIRD 5004 POP-UP ROTORS WITH THE FOLLOWING NOZZLES:
	PC-2.0 PC-3.0
	FC-6.0
	1" RAIN BIRD XCZ-LC DRIP ASSEMBLY
	RAIN BIRD 100-PGA ELECTRIC VALVES (SEE VALVE SCHEDULE)
	RAIN BIRD 150-PGA ELECTRIC VALVES (SEE VALVE SCHEDULE)
	RAIN BIRD ESP-MODULAR CONTROLLER
	LINE SIZED ISOLATION VALVE
	1" WILKINS WK350 BACKFLOW PREVENTER
	1" BRONZE BALL VALVE
	1" METER
	4" PVC SLEEVING
	PVC LATERAL PIPING
	1½" PVC MAINLINE PIPING

NOTES: SYSTEM BASED ON 30-35 GPM.

VALVE SCHEDULE			
VALVE #	GPM	SIZE	HEAD TYPE
V1	---	1"	DRIP
V2	---	1"	DRIP
V3	18.0	1"	5004
V4	20.0	1"	5004
V5	21.0	1"	5004
V6	24.0	1"	5004
V7	24.0	1"	5004
V8	---	1"	DRIP
V9	20.0	1"	5004
V10	26.89	1"	1804
V11	---	1"	DRIP
V12	33.17	1½"	1804





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SC GRID NORTH, NAD '83

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

REGISTERED LANDSCAPE ARCHITECT
State of South Carolina
No. 1666
ELIZABETH M. ETHERIDGE

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
IRRIGATION PLAN

JOB #: 1164
SCALE: 1" = 20'
SHEET: 17 OF 29

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

S:\Drawings\11000's\1164-Westend Oakland Street Park, Sumter (Dingo)\Drawings\Production Drawings\1164-IR-PL.dwg

MATCH LINE - SHEET 13

MATCH LINE - SHEET 13

WRIGHT STREET S-141 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-141 - DOCKET No. 43.322 - SHEET No. 15

COUNCIL STREET S-472
REFERENCE: SCDOT PLANS FOR S-43-472 - DOCKET No. 43.335 - SHEET No. 9

DINGLE STREET S-43-154 50' R/W
REFERENCE: SCDOT PLANS FOR S-43-154 - DOCKET No. 43.322 - SHEET No. 26.

Edge Of Pavement
Sidewalk
Chain Link Fence
Fence
Wire Fence
Wood Post & Cable Fence
Bldg.

'Community Garden Plots'

RESTROOM/PAVILION
SEE ARCH PLANS

ARCPE 3, LLC
TM# 227-04-01-009
DB. 1242 PG. 1711
PB. Z-26 PG. 135

VERA GILLUS, ETAL
TM# 227-04-01-010
DB. 774 PG. 1986

SECOND CHANCE PROPERTIES, LLC
TM# 227-04-01-011
DB. 1206 PG. 4548
LOT No. 10
PB. Z-21 PG. 138

THE FAMILY UNIT, INC.
TM# 227-04-01-012
DB. 1187 PG. 773
REFERENCED PLAT NOT DISCOVERED

BETTY J. PINKNEY, ETAL
TM# 227-04-01-013
DB. 1220 PG. 319

DEBBIE QUICK
TM# 227-04-01-015
DB. 1128 PG. 432
'Bryan Lot'
PB. G-5 PG. 8

V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12

SC GRID NORTH, NAD '83

0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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
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FILE NAME: 1164--IR--PL	DWN. XXX	CHKD. XXX	DSGN. XXX	03.08.24 MM.DD.YY

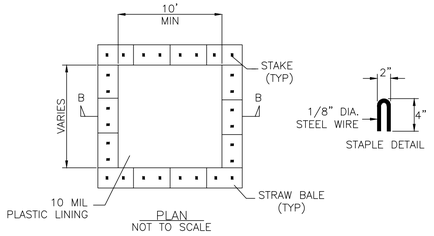
SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 153
CERTIFICATE OF AUTHORIZATION

STATE OF SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 1666
OLIVIA M. ETHERIDGE

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
IRRIGATION PLAN

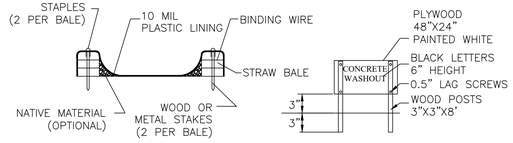
JOB #: 1164
SCALE: 1" = 20'
SHEET: 18 OF 29

S:\Drawings\1100's\1164--#Estend_Oakland_Street_Park_Sumter_(Dingle)\Drawings\Production Drawings\1164--IR--PL.dwg



PLAN
NOT TO SCALE

TYPE "ABOVE GRADE"
WITH STRAW BALES



SECTION B–B
NOT TO SCALE

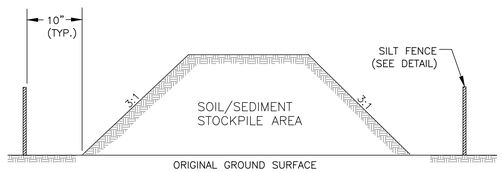
CONCRETE WASHOUT
SIGN DETAIL
(OR EQUIVALENT)

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.

CONCRETE WASHOUT AREA DETAIL (IF NECESSARY)

NOT TO SCALE

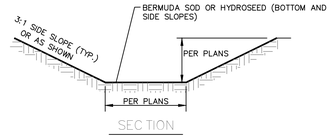


NOTES:

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.

TEMPORARY STOCKPILE AREA DETAIL

NOT TO SCALE



SECTION

SWALE 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.

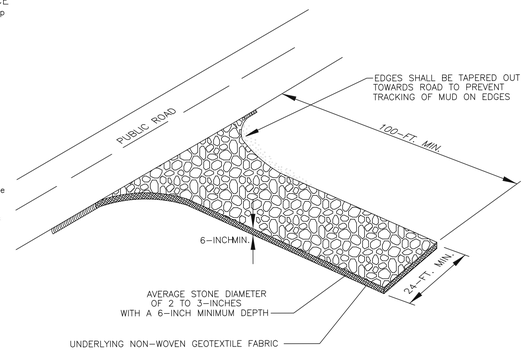
CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

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



CONSTRUCTION ENTRANCE DETAIL

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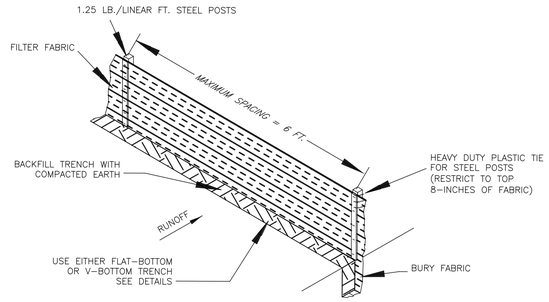
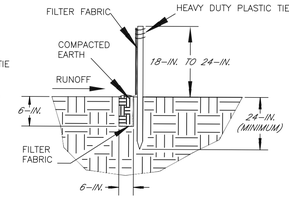
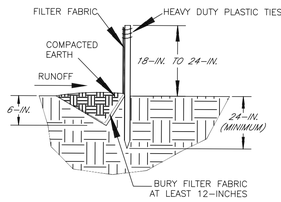


SILT FENCE INSTALLATION



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

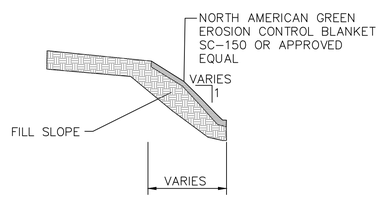
1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments 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.

SILT FENCE GENERAL NOTES AND DETAIL

NOT TO SCALE



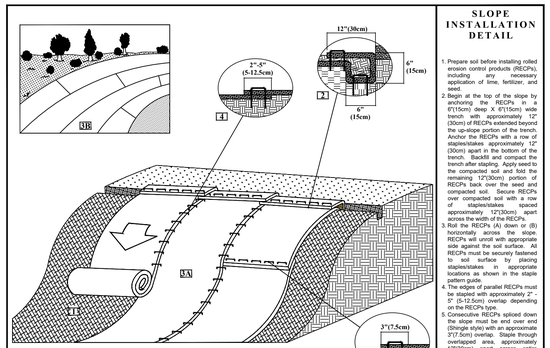
SECTION VIEW

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.

EROSION CONTROL MATTING DETAIL

NOT TO SCALE



TURF REINFORCEMENT MATTING DETAIL

Drawing 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. Begin 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 top-slope portion of the trench. Anchor the RECPs with the 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 RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced 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 RECPs type.
5. Consecutive RECPs spliced down the slope must be end over end (Shingle style) with an approximate 3'(1.5cm) 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.

5401 St. Wendel - Cynthiana Rd. Poseyville, IN 47633	PH: 800-772-2040 www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 5-4-17

THE LANDPLAN GROUP SOUTH
LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
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SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
CERTIFICATE OF AUTHORIZATION
No. 3092

SOUTH CAROLINA
LICENSED PROFESSIONAL
No. 41827
CHRISTOPHER JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 19 OF 29

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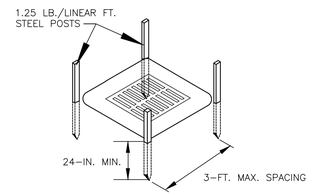
TYPE A – FILTER FABRIC REQUIREMENTS

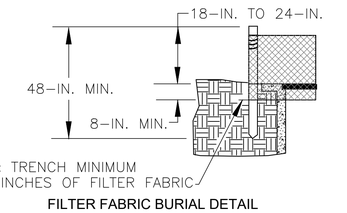
1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   – Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments 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.



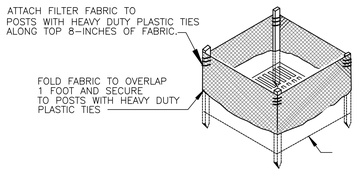
POST INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

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.



FILTER FABRIC INSTALLATION DETAIL

PLAN SYMBOL

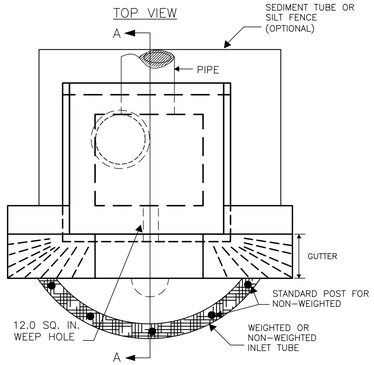
FILTER FABRIC INLET PROTECTION - TYPE A

NOT TO SCALE

TYPE F - INLET TUBES INLET PROTECTION

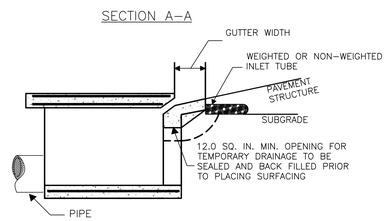
GENERAL NOTES

1. Inlets tubes should be composed of compacted geotextiles, curled excelsior wood, natural coconut fibers, a hardwood mulch, or a mix of these materials enclosed by a flexible netting material.
2. Inlets tubes should utilize an outer netting that consists of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material. Curled wood excelsior fiber, or natural coconut fiber rolled erosion control products rolled up to create an inlet tube device are not allowed.
3. Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.
4. Weighted inlet tubes must be capable of staying in place without external stabilization measures and may have a weighted inner core or other weighted mechanism to keep them in place.
5. Install weighted tubes lying flat on the ground, with no gaps between the underlying surface and the inlet tube. Do not stack inlet tubes. Do not completely block inlet with tube.
6. Non-weighted inlet tubes require staking or other stabilization methods to keep them safely in place.
7. Overflow or overtopping of inlet tubes must be allowed to flow into inlet unobstructed.
8. To avoid possible flooding, two or three concrete cinder blocks may be placed between the tube and the inlet.



INSPECTION AND MAINTENANCE

1. The key to functional inlet protection is weekly inspection, routine maintenance, and regular sediment removal.
2. Regular inspections of all inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations in front of the inlet protection 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 blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.
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. Large debris, trash, and leaves should be removed from in front of tubes when found.
7. Replace inlet tube when damaged or as recommended by manufacturer's specifications.
8. Inlet protection structures should be removed after 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.



PLAN SYMBOL

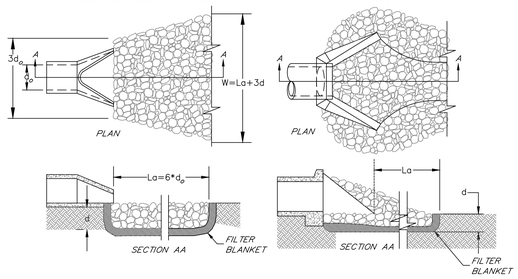
INLET TUBE INLET PROTECTION - TYPE F

NOT TO SCALE

PIPE DIA. (in.)/ SWALE WIDTH (in.)	# PIPES	$3d_o$(ft.)	La (ft.)	W (ft.)	d (in.)
8"	1	2.0'	4.0'	6.0'	8"
10"	1	2.5'	5.0'	7.5'	10"
12"	1	3.0'	6.0'	9.0'	12"
18"	1	4.5'	9.0'	13.5'	18"
24"	1	6.0'	12.0'	18.0'	24"

PIPE OUTLET FLAT AREA– NO WELL–DEFINED CHANNEL

PIPE OUTLET TO WELL–DEFINED CHANNEL



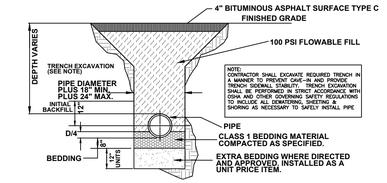
NOTES:

1. La IS THE LENGTH OF THE RIPRAP APRON.
2. d=1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL–DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

PLAN SYMBOL

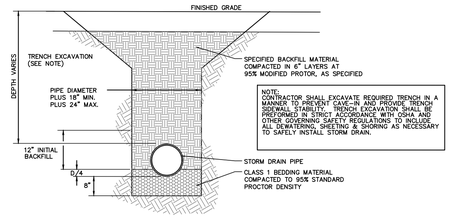
OUTLET PROTECTION DETAIL

NOT TO SCALE



ASPHALT PATCH FOR PIPE CROSSING

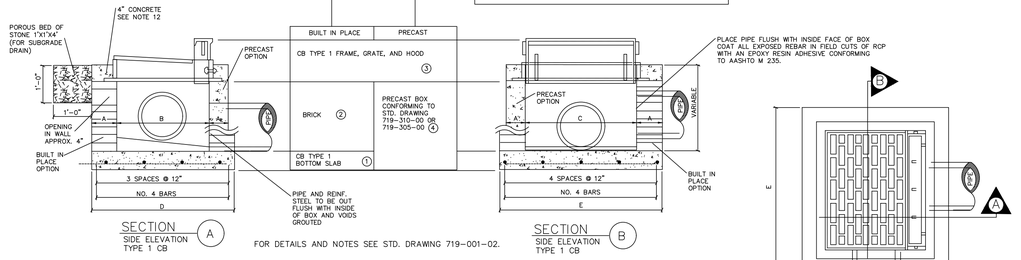
NOT TO SCALE



STORM DRAINAGE TRENCH

NOT TO SCALE

CONTRACTOR MAY USE PRECAST OR BUILT IN PLACE CONSTRUCTION NOTED ABOVE OR COMBINE OPTIONS AS DESIRED. CONTACT SCDOT FOR MANUFACTURERS OF PRECAST ITEMS.		
BUILT IN PLACE	①	CB TYPE 1 BOTTOM SLAB (FC OR CIF 46"X52"X6")
	②	BRICK WALLS (8" THICK) (MAXIMUM 12" DEPTH)
	③	CB TYPE 1 FRAME, GRATE, AND HOOD
PRECAST	④	PRECAST BOX CONFORMING TO STD. DRAWING 713–310–00 OR 719–305–00.
	③	CB TYPE 1 FRAME, GRATE, AND HOOD



FOR DETAILS AND NOTES SEE STD. DRAWING 719–001–02.

DIMENSION	BUILT IN PLACE OPTION	PRECAST OPTION
A	8"	6"
B	2'–6"	2'–6"
C	3'–0"	3'–0"
D	3'–10"	3'–6"
E	4'–4"	4'–0"

PRECAST ITEMS
TYPE CB 1 BOTTOM SLAB (46"X52"X6")
SEE ALSO STD. DRAWING 719–310–00, 719–305–00 & 719–315–00.

PLAN SYMBOL

USE SCDOT STANDARD DRAWINGS SHEETS 719–001–01 THROUGH 719–001–04 FOR THIS ITEM.

NOTE: EROSION CONTROL "SOCKS" TO BE INSTALLED AROUND INLET AFTER AREAS ARE PAVED AND BEFORE VEGETATION IS ESTABLISHED.

CATCH BASIN TYPE 1 DETAIL (SCDOT STANDARD DRAWING 719-001-01)

NOT TO SCALE

THE LANDPLAN GROUP SOUTH
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REVISION	BY	APPD.	MM.DD.YY
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5			
FILE NAME: 1164–DT	CJK	CWH	CJK 03.08.24
	DWN.	CHKD.	DSGNL MM.DD.YY

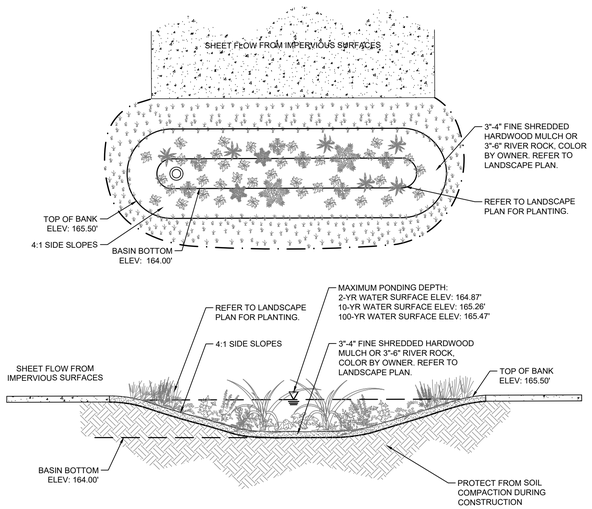
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
SOUTH CAROLINA
CERTIFICATE OF AUTHORIZATION

No. 41827
REGISTERED
LICENSED
PROFESSIONAL
SOUTH CAROLINA
JAMES C. FRED

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 20 OF 29

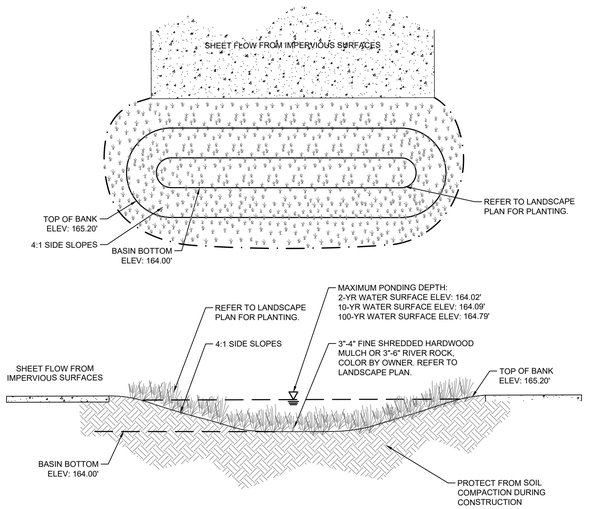
S:\Drawings\1100's\1164–Westend Oakland Street Park Sumter (Dingo)\Drawings\Production Drawings\1164–DT.dwg



INFILTRATION 1 BASIN - SECTION VIEW

INFILTRATION BASIN 1 DETAIL

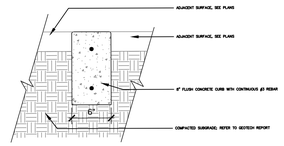
NOT TO SCALE



INFILTRATION 3 BASIN - SECTION VIEW

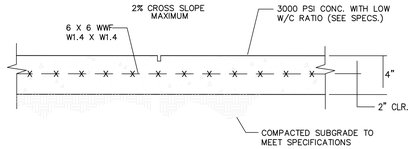
INFILTRATION BASIN 3 DETAIL

NOT TO SCALE

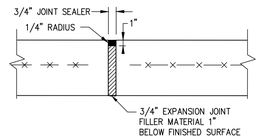


6" FLUSH CONCRETE CURB

NOT TO SCALE

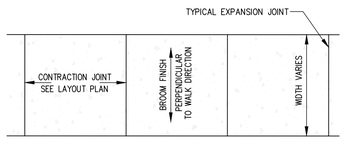


NOTES
1. SIDEWALK CROSS SLOPE BE NO STEEPER THAN 1:48 AND SHALL MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SECTION 403.3).
2. EXPANSION JOINTS SHALL BE PROVIDED EVERY 30' IN ACCORDANCE WITH TYPICAL EXPANSION JOINT DETAIL.



TYPICAL EXPANSION JOINT

NOTES
1. CONCRETE SCORING 5' O.C. AND EXPANSION JOINTS AT 30' O.C.
2. SIDEWALK CROSS SLOPE BE NO STEEPER THAN 1:48 AND SHALL MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SECTION 403.3).

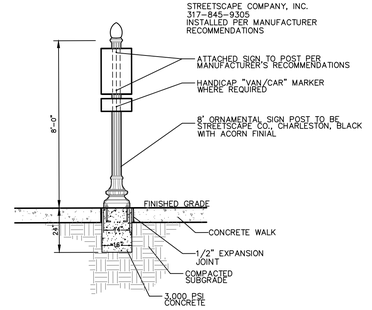


CONCRETE SIDEWALK

NOTES
1. EXPANSION JOINTS SHALL BE PROVIDED EVERY 30' IN ACCORDANCE WITH TYPICAL EXPANSION JOINT DETAIL.

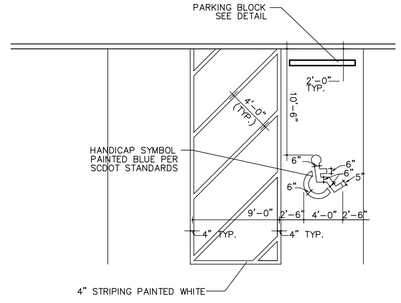
SIDEWALK DETAIL

NOT TO SCALE



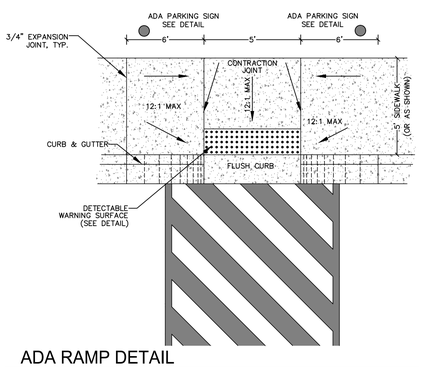
HANDICAP SIGN DETAIL

NOT TO SCALE



HANDICAP PARKING BAY MARKINGS

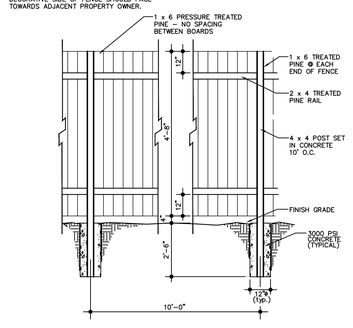
NOT TO SCALE



ADA RAMP DETAIL

NOT TO SCALE

NOTE:
DECORATIVE SIDE OF FENCE SHOULD FACE TOWARDS ADJACENT PROPERTY OWNER.

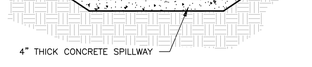


5' WOODEN FENCE DETAIL

NOT TO SCALE

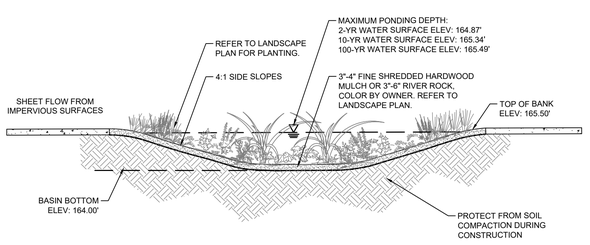
EMERGENCY SPILLWAY DETAIL (INFILTRATION BASIN 2)

NOT TO SCALE



EMERGENCY SPILLWAY DETAIL INFILTRATION BASIN 4

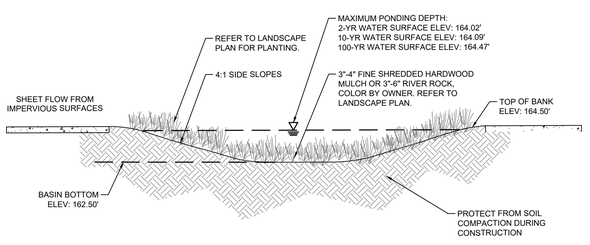
NOT TO SCALE



INFILTRATION 2 BASIN - SECTION VIEW

INFILTRATION BASIN 2 DETAIL

NOT TO SCALE



INFILTRATION 4 BASIN - SECTION VIEW

INFILTRATION BASIN 4 DETAIL

NOT TO SCALE

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FILE NAME: 1164-DT	CJK	CWH	03.08.24
	DWN.	CHKD.	DSGN. MM.DD.YY

SOUTH CAROLINA — THE LANDPLAN GROUP SOUTH, INC. — No. 3092 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — LICENSED PROFESSIONAL — No. 41827 — CHRISTOPHER JAMES

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 21 OF 29

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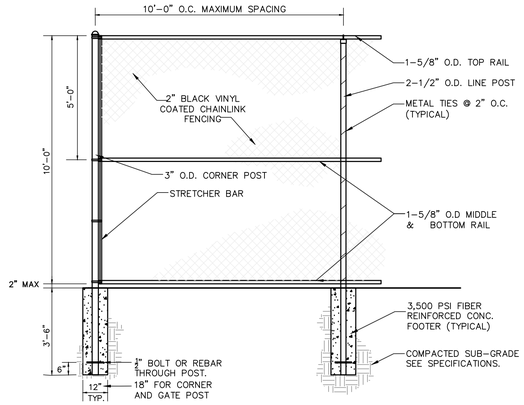
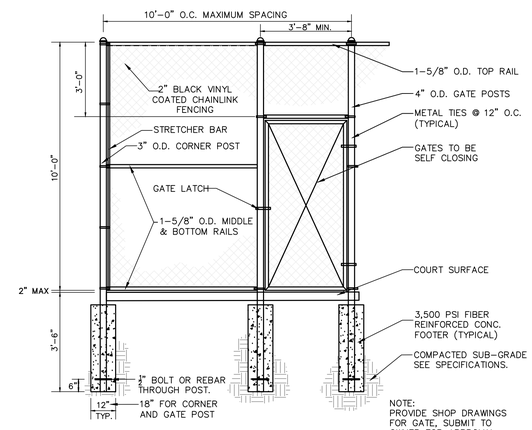


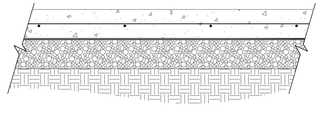
10' HIGH CHAINLINK FENCING

NOT TO SCALE



BASKETBALL COURT ACCESS GATE

NOT TO SCALE

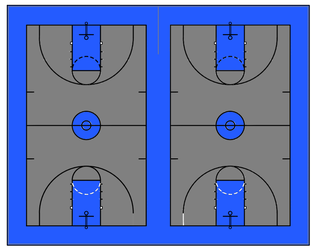


NOTES:
1. ALL GRADED AGGREGATE BASE MATERIAL TO CONFORM TO SCDOT STANDARD SPECIFICATIONS.
2. CONTRACTION JOINT SPACING AND LONGITUDINAL SPACING TO MEET A.C.I. RECOMMENDATIONS.
3. TO BE USED FOR BASKETBALL COURT.
4. THE CONCRETE MUST BE ALLOWED A FULL 28 DAY MINIMUM CURE TIME BEFORE COURT SURFACING CAN BE APPLIED.
5. BASKETBALL COURT COATING TO BE ACRYTECH SPORTS SURFACES, COLORGUARD TDS, OR APPROVED EQUAL.
6. CONTRACTOR SHALL SUBMIT ALL COLOR SAMPLES FOR APPROVAL BY OWNER, PRIOR TO PURCHASE.
7. THE CONCRETE SHOULD BE MOISTURE CURED BY KEEPING THE SLAB WET AFTER PORING WITH A COVERING OF MOISTENED BURLAP, A POLYETHYLENE SHEET, OR OTHER CURING PAPER OF A MINIMUM OF 7 DAYS. CURING COMPOUNDS ON THE CONCRETE SURFACE SHOULD NOT BE USED.

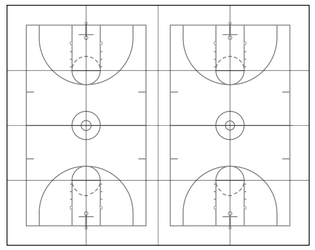
BASKETBALL COURT CONCRETE SECTION

NOT TO SCALE

NOTES:
1. COURT COATING TO BE ACRYTECH SPORTS SURFACES, COLORGUARD TDS, OR APPROVED EQUAL.
2. CONTRACTOR SHALL SUBMIT COLOR SAMPLES FOR APPROVAL BY OWNER, PRIOR TO PURCHASE.
3. THE COLOR OF ALL THE LINES (LANE, CENTER CIRCLE, THREE POINT, AND ALL OUT OF BOUNDS AREAS) SHALL BE WHITE IN COLOR.
4. ALL LINES SHALL BE 2" WIDE (NEUTRAL ZONE EXCLUDED).
5. CONTRACTOR TO FOLLOW SOUTH CAROLINA HIGH SCHOOL BASKETBALL LEAGUE COURT LAYOUT GUIDELINES.
6. CONTRACTOR SHALL SUBMIT COLOR LAYOUT DESIGN OR LAYOUT ON SURFACE FOR OWNER AND ENGINEER APPROVAL, PRIOR TO APPLYING ANY COATING.
7. REFER TO BASKETBALL COURT CONCRETE SECTION DETAIL.
8. FENCING REQUIRED AROUND PERIMETER OF PLAY SURFACE.



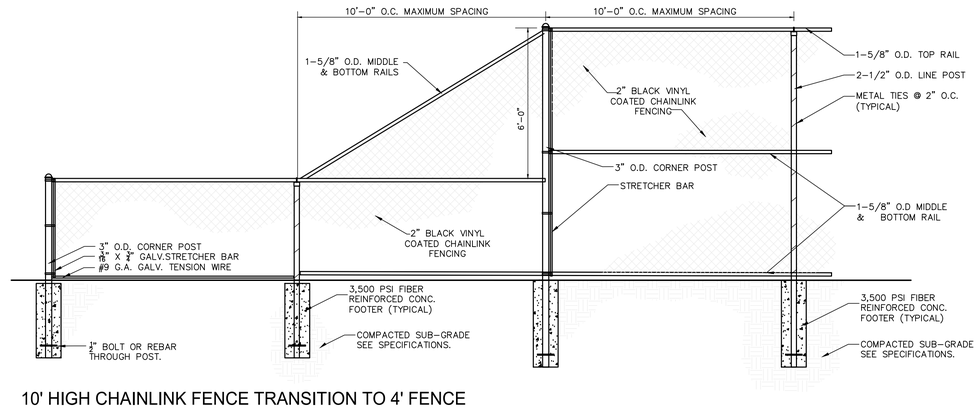
COATING LAYOUT



JOINT LAYOUT

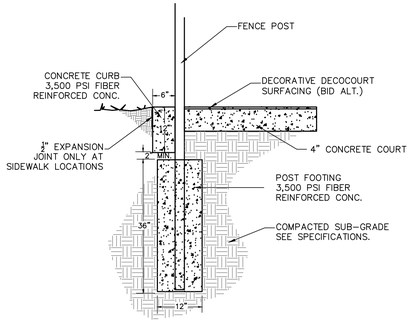
BASKETBALL COURT LAYOUT

NOT TO SCALE



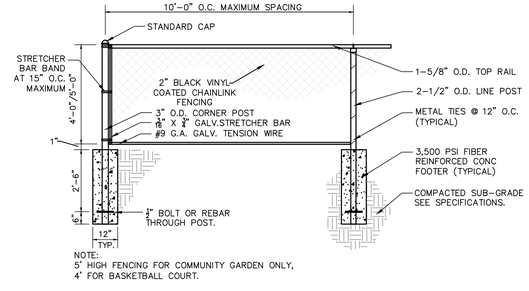
10' HIGH CHAINLINK FENCE TRANSITION TO 4' FENCE

NOT TO SCALE



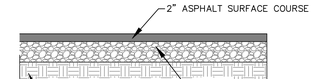
POST FOOTING DETAILS

NOT TO SCALE



4'-5' HIGH CHAINLINK FENCING

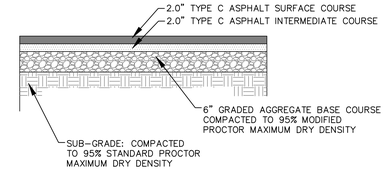
NOT TO SCALE



NOTES:
1. PAVEMENT DESIGN PER GEOTECHNICAL REPORT PREPARED BY SUMMIT ENGINEERING, LABORATORY & TESTING, P.C. DATED FEBRUARY 26, 2024. REFER TO REPORT FOR SPECIFIC INFORMATION.
2. LIGHT DUTY PAVEMENT TO BE INSTALLED AS SHOWN ON PLANS.
3. ASPHALT CONCRETE AND ALL CRUSHED STONE MATERIALS SHOULD CONFORM TO THE SCDOT STANDARD SPECIFICATIONS.

LIGHT-DUTY ASPHALT PAVEMENT SECTION DETAIL

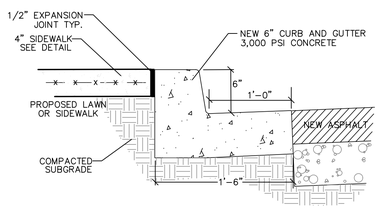
NOT TO SCALE



NOTES:
1. PAVEMENT DESIGN SCDOT'S GUIDELINES FOR ASPHALT PAVEMENT DESIGN FOR DRIVEWAYS AND TURNING LANES FOR PERMIT APPLICATIONS.
2. HEAVY-DUTY PAVEMENT TO BE INSTALLED WITH THE SCDOT RIGHT-OF-WAY.
3. ASPHALT CONCRETE AND ALL CRUSHED STONE MATERIALS SHOULD CONFORM TO THE SCDOT STANDARD SPECIFICATIONS.

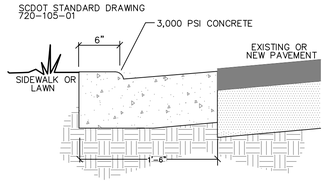
HEAVY-DUTY ASPHALT PAVEMENT SECTION DETAIL

NOT TO SCALE



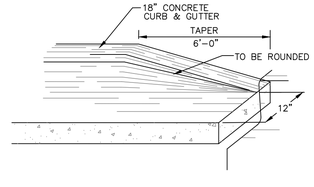
6" CURB AND GUTTER DETAIL

NOT TO SCALE



FLUSH CURB AND GUTTER DETAIL

NOT TO SCALE



CURB TAPER DETAIL/CURB TURN DOWN

NOT TO SCALE

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LANDSCAPE ARCHITECTURE • ENGINEERING • PLANNING
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COLUMBIA, SC 29201
803.256.0562
WWW.LANDPLANSOUTH.COM

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FILE NAME: 1164-DT	CJK	CJK	03.08.24
	DWN.	CHKD.	DSGN.

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION THE LANDPLAN GROUP SOUTH, INC. No. 3092

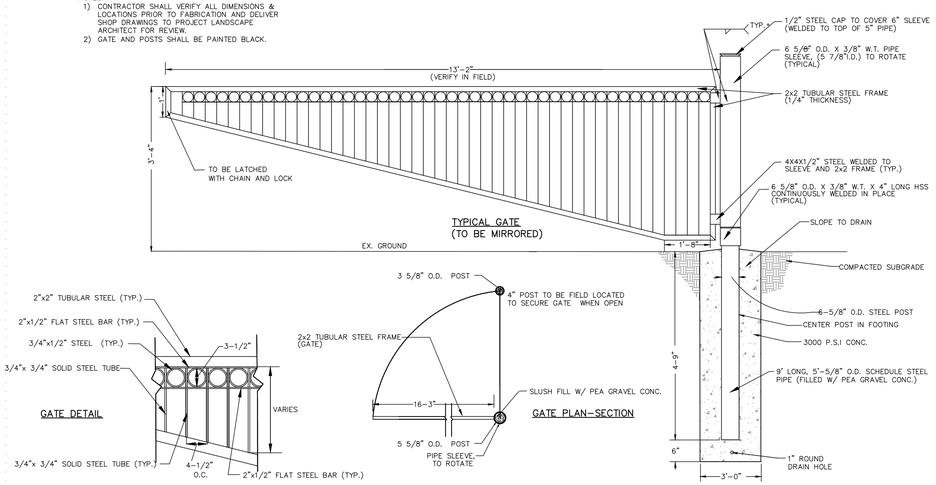
SOUTH CAROLINA LICENSED PROFESSIONAL No. 41827 REGISTERED LANDSCAPE ARCHITECT JAMES C. WHITE

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 22 OF 29

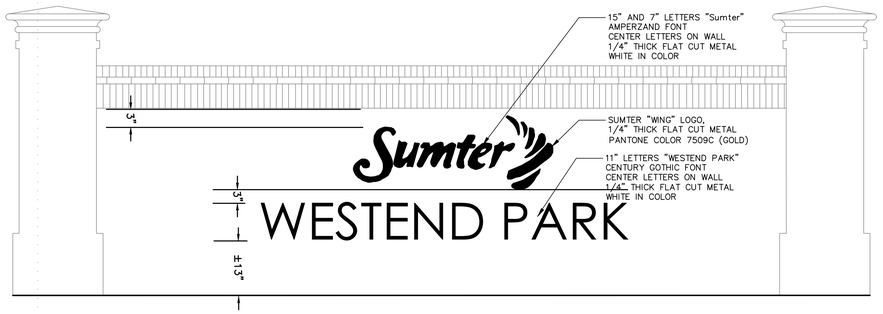
S:\Drawings\1100's\1164-WEstend_Oakland_Street_Park_Sumter_(Dogs)\Drawings\Production Drawings\1164-DT.dwg

NOTES:
1) CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LOCATIONS PRIOR TO FABRICATION AND DELIVER SHOP DRAWINGS TO PROJECT LANDSCAPE ARCHITECT FOR REVIEW.
2) GATE AND POSTS SHALL BE PAINTED BLACK.



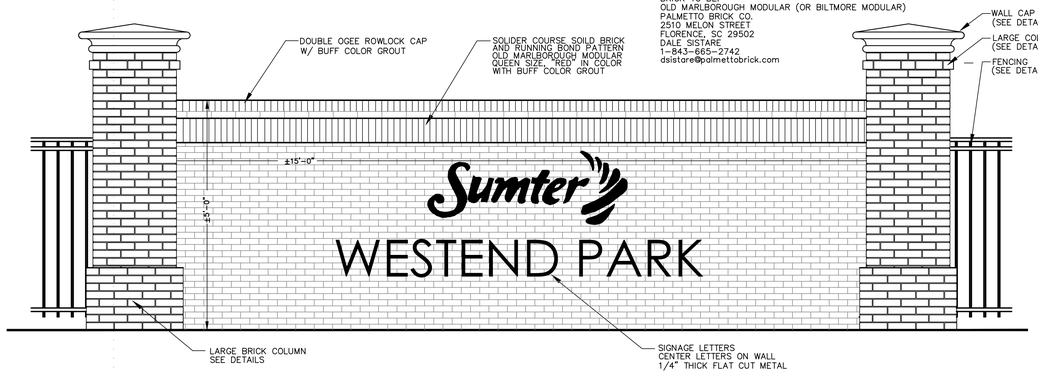
DRIVEWAY GATE DETAIL

NOT TO SCALE



SIGN LETTERS

NOT TO SCALE

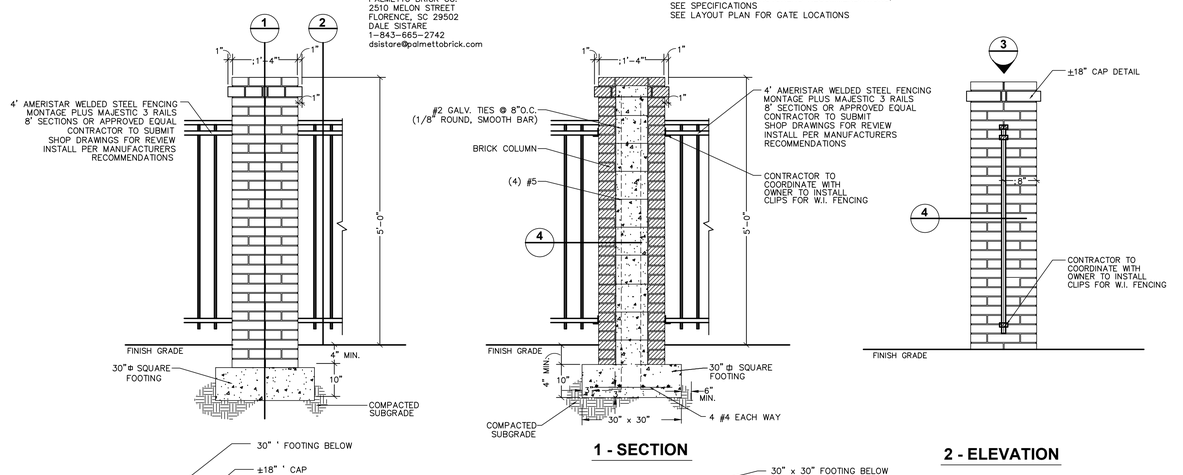


SIGN WALL

NOT TO SCALE

BRICK TO BE:
OLD MARLBOROUGH MODULAR (OR BILTMORE MODULAR)
PALMETTO BRICK CO.
2510 MELON STREET
FLORENCE, SC 29502
DALE SISTARE
1-843-665-2742
dsistare@palmettobrick.com

GATE TO BE:
4' MONTAGE PLUS MAJESTIC 3 RAIL SGL. GATE
INSTALL PER MANUFACTURERS RECOMMENDATIONS;
SEE SPECIFICATIONS
SEE LAYOUT PLAN FOR GATE LOCATIONS



3 - PLAN VIEW

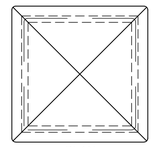
1 - SECTION

4 - PLAN VIEW

2 - ELEVATION

16" BRICK COLUMN AND FENCING DETAIL

NOT TO SCALE



CAST STONE CAP
COLUMBIA CAST STONE
1602 ANDREWS ROAD
COLUMBIA, SC 29201
803.254.4992

CAST STONE CAP
"NATURAL STONE"/ OFF WHITE IN COLOR
CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL

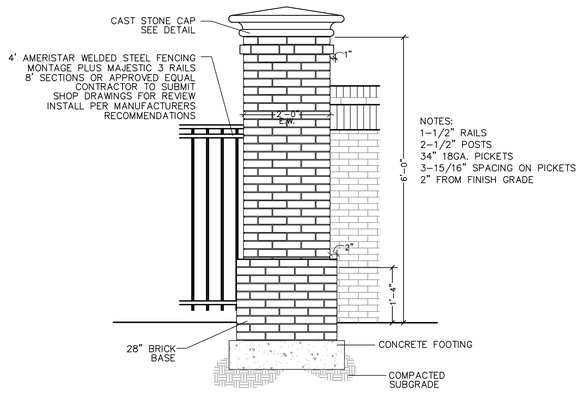
CONTRACTOR SHALL MEASURE COLUMNS FOR EXACT MEASURMENTS PRIOR TO CONSTRUCTION OF CAPS.

24" COLUMN CAST STONE CAP DETAIL

NOT TO SCALE

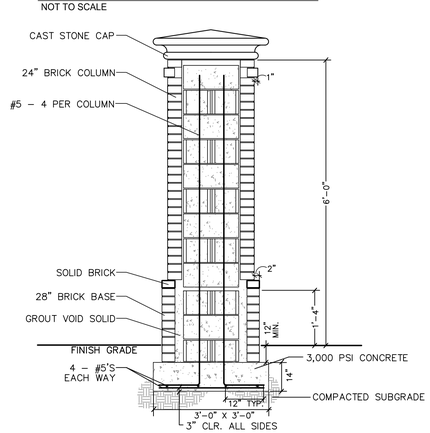
NOTE:
BRICK TO BE:
OLD MARLBOROUGH MODULAR (OR BILTMORE MODULAR)
PALMETTO BRICK CO.
2510 MELON STREET
FLORENCE, SC 29502
DALE SISTARE
1-843-665-2742
dsistare@palmettobrick.com

AMERISTAR
1555 N. MINGO
TULSA, OK 74116
1-888-333-3422
WWW.AMERISTARFENCE.COM



24" BRICK COLUMN W/ CAST STONE CAP AT WALL

NOT TO SCALE



24" BRICK COLUMN W/ CAST STONE CAP AT WALL-SECTION

NOT TO SCALE

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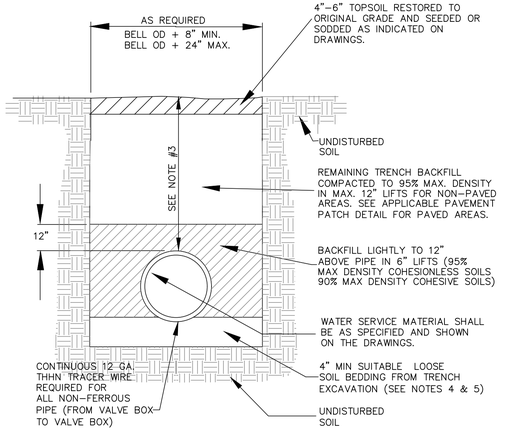
FILE NAME: 1164-DT	CJK	CJK	03.08.24
	DWN.	CHKD.	DSGN. MM.DD.YY

THE LANDPLAN GROUP SOUTH, INC. No. 3092 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

No. 41827 — SOUTH CAROLINA — LICENSED PROFESSIONAL — JAMES C. REED — REGISTERED LANDSCAPE ARCHITECT

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 23 OF 29

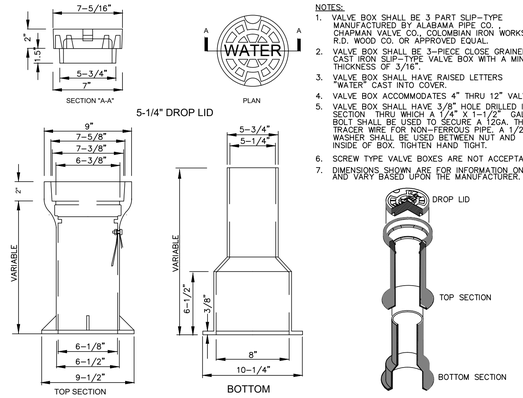


NOTES:

1. ALL EXCAVATIONS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE CONSTRUCTION STANDARDS FOR EXCAVATIONS IN OSHA "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION", CHAPTER XVII OF TITLE 29, CFR, PART 1926. THE CONTRACTOR SHALL HAVE A COMPETENT PERSON ON SITE AT ALL TIMES DURING EXCAVATION AND BACKFILLING.
2. CONTRACTOR SHALL USE TRENCH BOX SHORING IN ALL OPEN CUTS IN PAVED AREAS. TRENCH WIDTH SHALL BE MAINTAINED AT THE MINIMUM PRACTICAL WIDTH.
3. TYPE 3 TRENCH CONDITIONS AND A MINIMUM OF 4' OF COVER MUST BE MAINTAINED WHERE RESTRAINT JOINT PIPE IS SPECIFIED AND 3.5' OF COVER IN ALL OTHER LOCATIONS UNLESS SHOWN OTHERWISE ON THE PLAN PROFILE.
4. LOOSE SOIL OR SELECT MATERIAL IS DEFINED AS "NATIVE" SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIAL, AND FROZEN EARTH.
5. BEDDING MATERIAL SHALL EXTEND TO UNDISTURBED TRENCH WALLS AND TRENCH BOTTOM. BEDDING MATERIAL WILL NOT BE PAID FOR UNLESS SPECIFICALLY APPROVED BY THE PROJECT REPRESENTATIVE AND ONLY FOR THE AUTHORIZED QUANTITY.
6. BEDDING MATERIAL SHALL BE PROPERLY RODDED AND COMPACTED AROUND THE PIPE HAUNCHES.
7. TEST FOR DENSITY OF COMPACTION MAY BE MADE AT THE OPTION OF THE ENGINEER AND DEFICIENCIES SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE ENGINEER MAY HAVE COMPACTION TEST PERFORMED AFTER THE BACKFILL IS COMPLETE. CONTRACTOR SHALL BE REQUIRED TO EXCAVATE TO VARIOUS ELEVATIONS FOR DENSITY TESTING EXCAVATION, BACKFILL AND RECOMPACTION SHALL BE PERFORMED AT NO ADDITIONAL COSTS TO THE OWNER.

WATER SERVICE BEDDING DETAIL

NOT TO SCALE

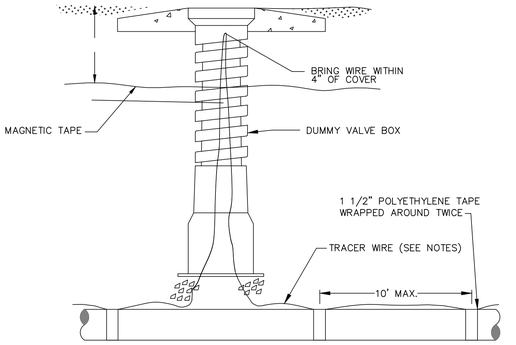


NOTES:

1. VALVE BOX SHALL BE 3 PART SLIP-TYPE MANUFACTURED BY ALABAMA PIPE CO., CHAPMAN VALVE CO., COLOMBIAN IRON WORKS R.D. WOOD CO. OR APPROVED EQUAL.
2. VALVE BOX SHALL BE 3-PIECE CLOSE GRAINED CAST IRON SLIP-TYPE VALVE BOX WITH A MINIMUM THICKNESS OF 3/16".
3. VALVE BOX SHALL HAVE RAISED LETTERS "WATER" CAST INTO COVER.
4. VALVE BOX ACCOMMODATES 4" THRU 12" VALVES.
5. VALVE BOX SHALL HAVE 3/8" HOLE DRILLED IN TOP SECTION THRU WHICH A 1/4" X 1-1/2" GALVANIZED BOLT SHALL BE USED TO SECURE A 12GA. THHN TRACER WIRE FOR NON-FERROUS PIPE. A 1/2" WASHER SHALL BE USED BETWEEN NUT AND INSIDE OF BOX. TIGHTEN HAND TIGHT.
6. SCREW TYPE VALVE BOXES ARE NOT ACCEPTABLE.
7. DIMENSIONS SHOWN ARE FOR INFORMATION ONLY AND VARY BASED UPON THE MANUFACTURER.

VALVE BOX DETAIL

NOT TO SCALE

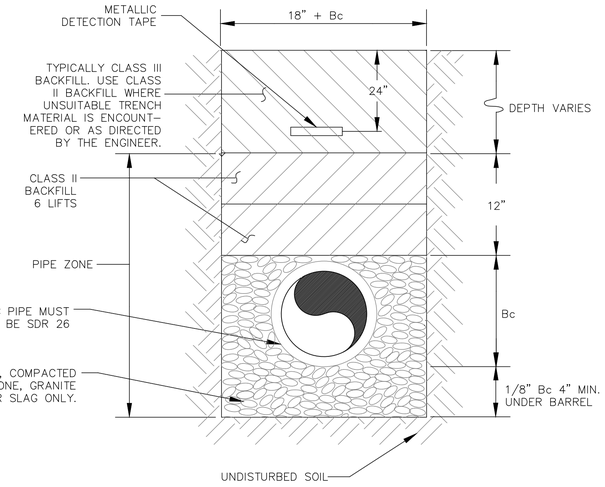


NOTES:

1. OPEN CUT INSTALLATIONS WILL REQUIRE 12 GAUGE COPPER WIRE.
2. TRENCHLESS INSTALLATIONS WILL REQUIRE 10 GAUGE STAINLESS STEEEL WIRE.
3. CONTRACTOR SHALL INSTALL DUMMY VALVE BOXES AT INTERVALS NO GREATER THAN 1000 FEET,

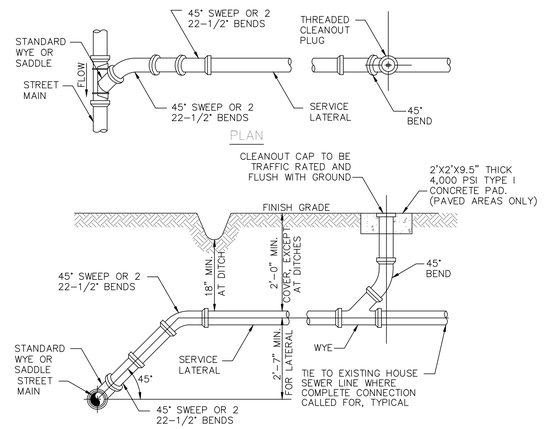
TRACER WIRE & MAGNETIC TAPE FOR WATER MAINS

NOT TO SCALE



BEDDING FOR GRAVITY PVC SEWER SERVICE LINE

NOT TO SCALE

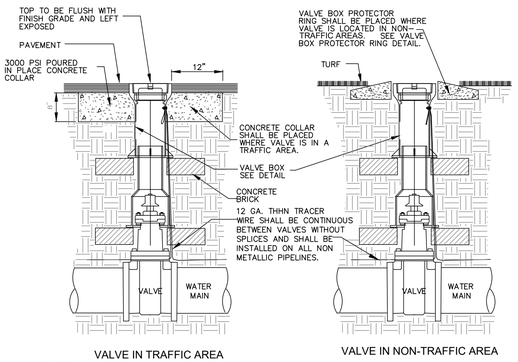


NOTES:

1. DEPTH OF SANITARY LATERALS TO BE FIELD DETERMINED BASED ON DEPTH OF EXISTING SEWER SERVICE LINE THAT IS BEING TIED INTO.
2. ALL LATERALS SHALL BE INSTALLED 90° WITH RESPECT TO THE SANITARY SEWER MAIN UNLESS SHOWN OTHERWISE.
3. USE TYPICAL SERVICE LATERALS WHERE MINIMUM SLOPE AND COVER REQUIREMENTS CAN BE MET.
4. CLEANOUTS TO BE PROVIDED ON ALL SERVICE LATERALS AT 100' INTERVALS AND AT CHANGES IN DIRECTION.
5. NO VERTICAL 45° ANGLE DEFLECTION SHALL BE INSTALLED AHEAD OF THE GREASE TRAP.
6. SEWER SERVICE LATERAL TO BE PVC PIPE UNLESS 2' OF COVER CANNOT BE OBTAINED. DUCTILE IRON PIPE TO BE USED IN AREAS WHERE COVER IS LESS THAN 2'.

TYPICAL SEWER SERVICE LATERAL

NOT TO SCALE



VALVE IN TRAFFIC AREA

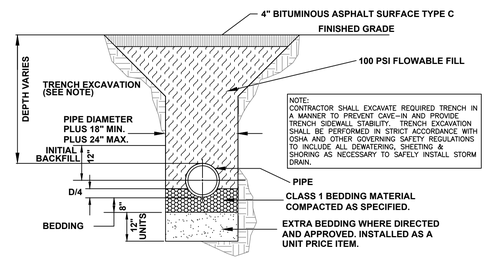
VALVE IN NON-TRAFFIC AREA

GATE VALVE DETAIL

NOT TO SCALE

NOTES:

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF MANNING STANDARDS.
2. RESILIENT WEDGE GATE VALVE SHALL BE AS MANUFACTURED BY MUELLER CORP., AMERICAN DARLING, CLOW CORP., OR APPROVED EQUAL.
3. ALL VALVES SHALL HAVE 2" SQUARE OPERATING NUT AND SHALL OPEN COUNTERCLOCKWISE.
4. VALVE BODY, BONNET & GATE SHALL BE DUCTILE IRON CONFORMING TO ASTM A-536.
5. VALVE BODY AND BONNET SHALL BE COATED ON ALL INTERIOR AND EXTERIOR SURFACES WITH A FUSION BONDED EPOXY IN ACCORDANCE WITH AWWA C-550-90.
6. ALL VALVES 24" AND SMALLER SHALL HAVE A SAFE WORKING PRESSURE OF 250 PSI.
7. SEE VALVE BOX DETAIL FOR ADDITIONAL INFORMATION.
8. SEE VALVE BOX PROTECTOR RING DETAIL FOR ADDITIONAL INFORMATION.



ASPHALT PATCH (IN SCDOT RIGHT OR WAY)

NOT TO SCALE

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SOUTH CAROLINA — THE LANDPLAN GROUP SOUTH, INC. — No. 3092 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — LICENSED PROFESSIONAL ENGINEER — No. 41827 — JAMES [illegible]

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 24 OF 29

S:\Drawings\1100's\1164-Westend Oakland Street Park, Sumter (Engr)\Drawings\Production Drawings\1164-07.dwg

COMMON NAME[1]	BOTANICAL NAME	PLANTING RATES Perm / Temp (lbs/acre)	PLANTING DATES[4] JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Crimson Clover[2]	Trifolium incarnatum	20 / 20									■	■	■	
Browntop Millet	Panicum ramosum	10 / 50			■	■	■	■	■	■				
Kobe Lespedeza[2] (unhulled = hull present)	Lespedeza striata	30 / 60	■	■	■									
German Millet (Foxtail Millet)	Setaria italica	25 / 40				■	■	■	■					
Korean Lespedeza[2] (unhulled = hull present)	Lespedeza stipulacea	30 / 60	■	■	■	■								
Hairy Vetch[2]	Vicia villosa	1 / 50									■	■	■	
Rye Grain[3]	Secale cereale	na / 55	■	■	■						■	■	■	■

[1] If the Common Name of the seed listed is not available, use seed with the listed Botanical Name.
[2] Only use pre-inoculated legumes or use an appropriate inoculant with the seed at planting.
[3] Rye Grain: Do not use Perennial Ryegrass (Lolium perrene) or Annual Italian Ryegrass (Lolium multiforum)
[4] Months shaded in gray represent applicable planting dates.

TEMPORARY SEEDING SCHEDULE DETAIL

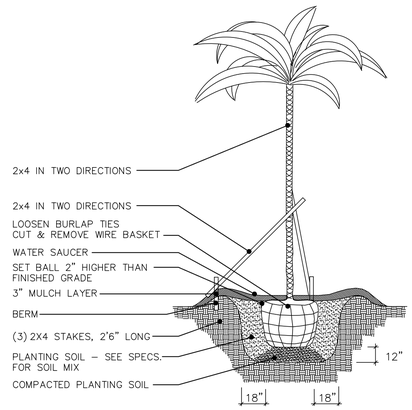
NOT TO SCALE

COMMON NAMES[1]	BOTANICAL NAME	PLANTING RATE (lbs/acre)	PLANTING DATES[4] JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Turf-Type Grasses														
Common Bermudagrass[2] (hulled = hull absent)	Cynodon dactylon	25			■	■	■	■	■	■				
Common Bermudagrass[2] (unhulled = hull present)	Cynodon dactylon	30	■	■							■	■	■	■
Centipedegrass	Eremochloa ophiuroides	10			■	■	■							
Grasses														
Weeping Lovegrass	Erograstis curvula	5		■	■	■	■	■	■					
Indiangrass	Schizachyrium nutans	10	■	■	■	■	■	■					■	■
Switchgrass	Panicum virgatum	9	■	■	■	■	■	■					■	■
Virginia Wildrye	Elymus virginicus	6	■								■			■
Legumes[3]														
White Clover	Trifolium repens	5									■	■	■	■
Sericea Lespedeza (Scarified seed)	Lespedeza cuneta	50			■	■	■	■	■					
Sericea Lespedeza (Unscarified seed)	Lespedeza cuneta	80	■	■	■	■	■	■	■	■	■	■	■	■

[1] If the Common Name of the seed listed is not available, use seed with the listed Botanical Name.
[2] Common Bermudagrass: *Do not use Giant Bermudagrass (NK-37).*
[3] Only use pre-inoculated legumes or use an appropriate inoculant with the seed at planting.
[4] Months shaded in gray represent applicable planting dates.

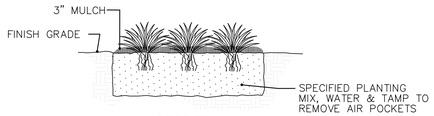
PERMANENT SEEDING SCHEDULE DETAIL

NOT TO SCALE

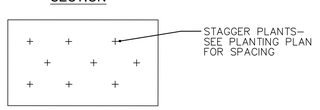


PALMETTO TREE PLANTING DETAIL
not to scale

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

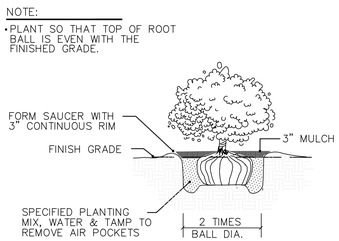


SECTION

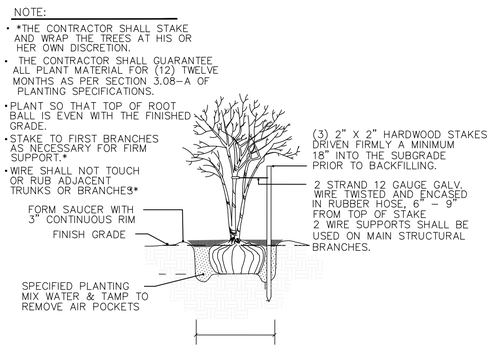


PLAN

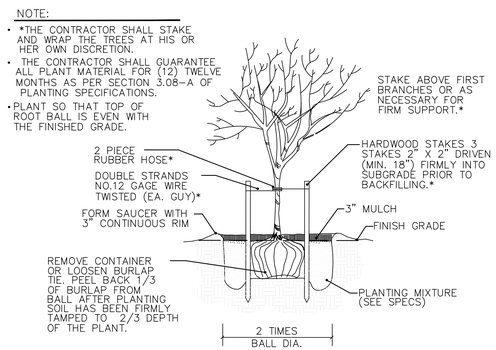
PLANTING BED DETAIL
not to scale



SHRUB PLANTING DETAIL
not to scale



SMALL TREE PLANTING AND STAKING DETAIL
not to scale



LARGE TREE PLANTING AND STAKING DETAIL
not to scale

PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	SPACING
A	PISTACIA CHINENSIS	LAUREL OAK	12	2.5" CAL.	AS SHOWN
B	TAXODIUM DISTICHUM 'MICKELSON'	SHAWNEE BRAVE BALD CYPRESS	5	2" CAL.	AS SHOWN
C	PISTACIA CHINENSIS	CHINESE PISTACHE	5	2" CAL.	AS SHOWN
D	LIRIODENDRON TULIPIFERA	SABAL PALMETTO	7	10–12' HT.	AS SHOWN
E	THUJA OCCIDENTALIS 'EMERALD'	NATCHEZ CRAPE MYRTLE	5	2" CAL.	AS SHOWN
F	MAGNOLIA GRANDIFLORA 'SOUTHERN CHARM'	TEDDY BEAR MAGNOLIA	12	8–10' HT.	AS SHOWN
G	ILEX X 'NELLIE R. STEVENS'	NELLIE R. STEVENS HOLLY	19	8–10' HT.	AS SHOWN
H	THUJA STANDISHII X PLICATA 'GREEN GIANT'	THUJA GREEN GIANT	35	8–10' HT.	AS SHOWN
I	CAMELLIA SASANQUA 'JEAN MAY'	JEAN MAY CAMELLIA	33	5 GAL.	AS SHOWN
J	DISTYLIUM 'VINTAGE JADE' PP#23,128	VINTAGE JADE DISTYLIUM	54	3 GAL.	AS SHOWN
K	ABELIA X GRANDIFLORA 'LITTLE RICHARD'	LITTLE RICHARD ABELIA	29	3 GAL.	AS SHOWN
L	ILEX VOMITORIA 'BORDEAUX'	BORDEAUX DWARF YAUPON HOLLY	36	3 GAL.	AS SHOWN
M	ILEXX GLABRA 'COMPACTA'	COMPACT IKBERRY	61	3 GAL.	AS SHOWN
N	ITEA VIRGINICA 'SMNIVMM'	FIZZY MIZZY ITEA	107	1 GAL.	AS SHOWN
O	SPIREA JAPONICA 'SMSJMLA' PP#30,591	LIL' FLIRT SPIREA	60	3 GAL.	AS SHOWN
P	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	109	1 GAL.	AS SHOWN
Q	MISCANTHUS SINENSIS 'NCMS2B' #29,460	BANDWIDTH MAIDEN GRASS	62	3 GAL.	AS SHOWN
R	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	295	1 GAL.	18" O.C.
S	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	22	1 GAL.	24" O.C.
T	CAREX MORROWII 'AUREA-VARIEGATA'	VARIEGATED JAPANESE SEDGE	104	4" POT	12" O.C.
U	MONARDA DIDYMA 'JACOB CLINE'	JACOB CLINE BEE BALM	400	4" POT	24" O.C.
V	IRIS VIRGINICA	SOUTHERN BLUE FLAG IRIS	232	4" POT	24" O.C.
W	CAREX GRAYI	GRAY'S SEDGE	192	4" POT	24" O.C.
	EREMOCHLOA OPHIUROIDES	CENTIPEDE SOD	±30,300 S.F.	SOD	
	PINE STRAW MULCH	PINE STRAW MULCH	3" MIN. DEPTH		

PLANT KEY
QUANTITY

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.

1-800-922-0983 • www.scuplocate.org
PUPS 811 Please call before you dig.

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.
- STEEL EDGING TO BE BORDER CONCEPTS "BORDER STRETCH" IN BLACK OR APPROVED EQUAL. BORDER CONCEPTS – WWW.BORDERCONCPETS.COM 800-845-3343.

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	DWN.	CHKD.	DSGN. MM.DD.YY

THE LANDPLAN GROUP SOUTH, INC. No. 153 CERTIFICATE OF AUTHORIZATION — State of South Carolina

REGISTERED LANDSCAPE ARCHITECT No. 1666 — State of South Carolina — CHRISTOPHER W. LETHERIDGE

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUMTER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 25 OF 29

PlayShaper® and Smart Play®
(2–5 years)

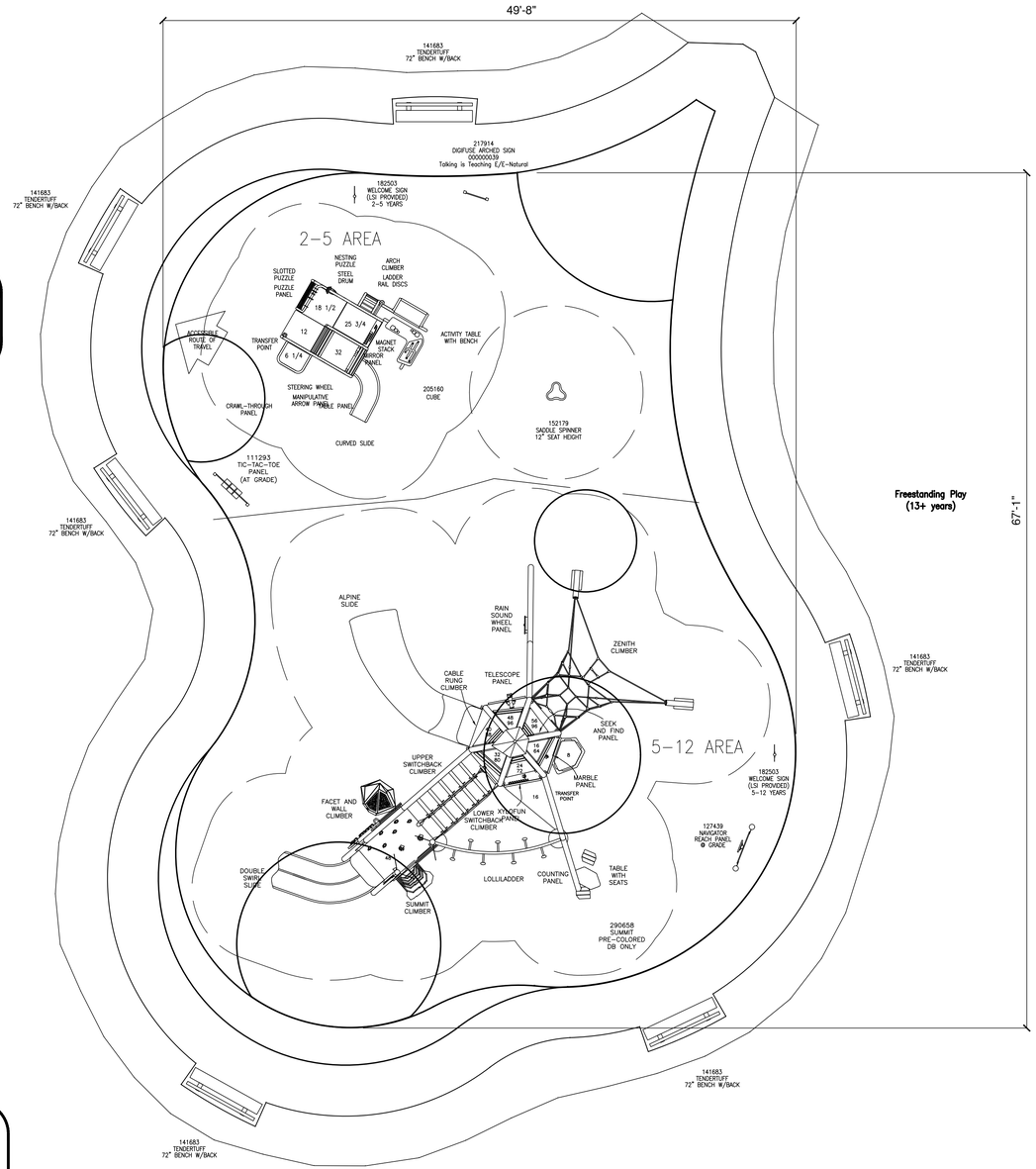
Max Fall Height: 33 inches

2–5 AREA

TOTAL ELEVATED PLAY COMPONENTS	9		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	9	REQUIRED	5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7	REQUIRED	3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	7	REQUIRED	7

419 Sq. Ft. SKY BLUE PIP
2,081 Sq. Ft. BLUE PIP

TOTAL SQUARE FOOTAGE
2,500 Sq. Ft.



PlayBooster® and Smart Play®
(5–12 years)

Max Fall Height: 96 inches

5–12 AREA

TOTAL ELEVATED PLAY COMPONENTS	12		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	6	REQUIRED	6
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	REQUIRED	4
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	5	REQUIRED	5

SCALE IN FEET:
0' 5' 10' 20'

N

Land Plan West End Park
Sumter, SC

Carolina Parks and Play, LLC
Ed Gruetzner

SYSTEM TYPE:
Multi–System

DRAWING #:
1181173–01–01

ISO 14001:2015 CERTIFIED

ISO 9001:2015 Certified

landscape structures

IPEMA CERTIFIED to ASTM F1487

The play components identified on this plan are IPEMA certified. (Unless model number is preceded with *) The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 8 CURRENT REVISION). THE SUBSURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A "FRENCH DRAIN".

AREA OF ACCESSIBLE/PROTECTIVE SURFACING (POURED–IN–PLACE SUGGESTED)

DESIGNED BY:
KP

Date	Previous Drawing #	Initials

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FILE NAME: 1164–DT	CWH	CWH	03.08.24
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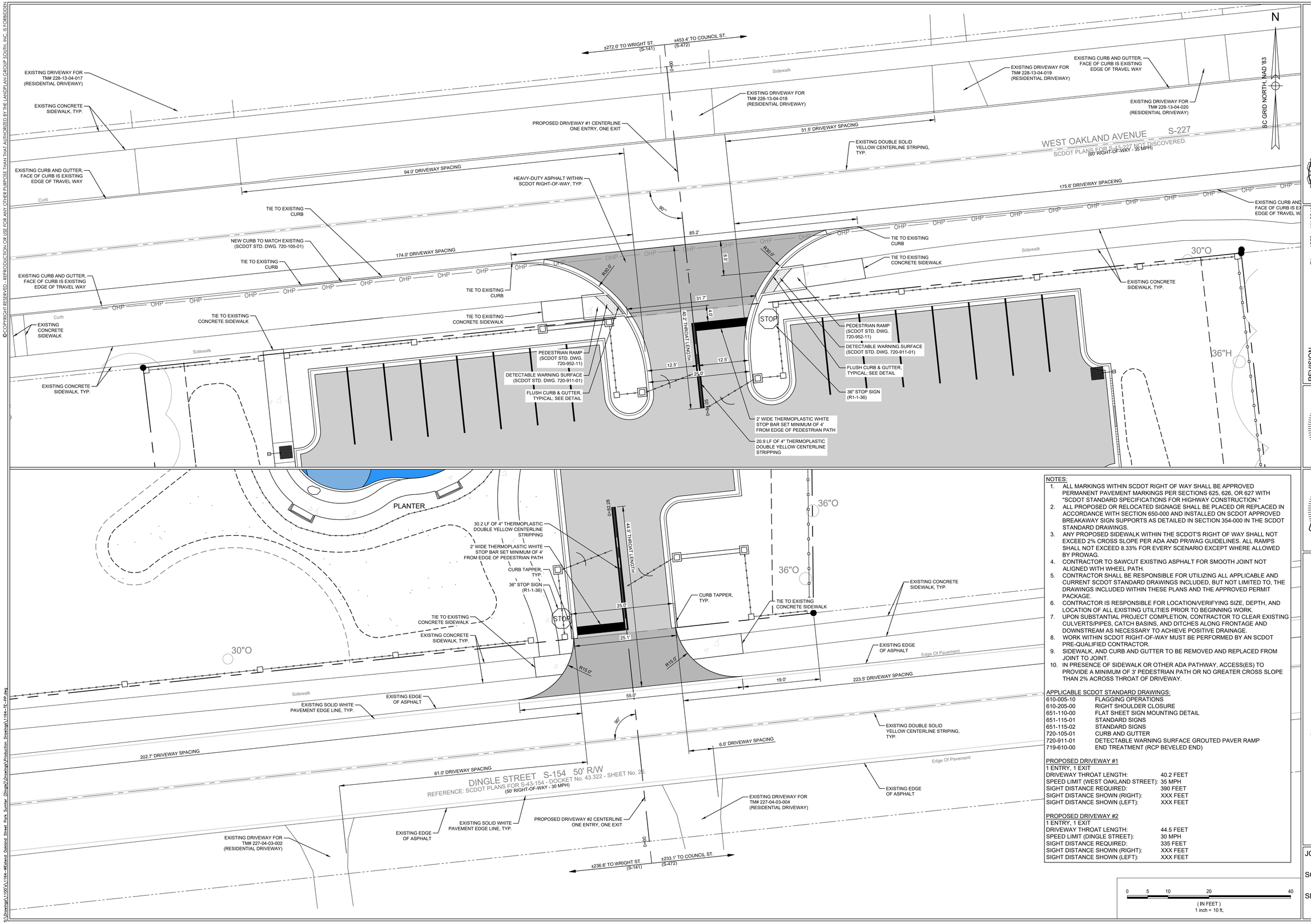
WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
DETAILS

JOB #: 1164
SCALE: NTS
SHEET: 26 OF 29

S:\Drawings\1100's\1164–WEstend Oakland Street Park, Sumter (Engage)\Drawings\Production Drawings\1164–01.dwg



NOTES:
1. ALL MARKINGS WITHIN SCDOT RIGHT OF WAY SHALL BE APPROVED PERMANENT PAVEMENT MARKINGS PER SECTIONS 625, 626, OR 627 WITH "SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION."
2. ALL PROPOSED OR RELOCATED SIGNAGE SHALL BE PLACED OR REPLACED IN ACCORDANCE WITH SECTION 650-000 AND INSTALLED ON SCDOT APPROVED BREAKAWAY SIGN SUPPORTS AS DETAILED IN SECTION 354-000 IN THE SCDOT STANDARD DRAWINGS.
3. ANY PROPOSED SIDEWALK WITHIN THE SCDOT'S RIGHT OF WAY SHALL NOT EXCEED 2% CROSS SLOPE PER ADA AND PR/WAG GUIDELINES. ALL RAMPS SHALL NOT EXCEED 8.33% FOR EVERY SCENARIO EXCEPT WHERE ALLOWED BY PROWAG.
4. CONTRACTOR TO SAWCUT EXISTING ASPHALT FOR SMOOTH JOINT NOT ALIGNED WITH WHEEL PATH.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING ALL APPLICABLE AND CURRENT SCDOT STANDARD DRAWINGS INCLUDED, BUT NOT LIMITED TO, THE DRAWINGS INCLUDED WITHIN THESE PLANS AND THE APPROVED PERMIT PACKAGE.
6. CONTRACTOR IS RESPONSIBLE FOR LOCATION/VERIFYING SIZE, DEPTH, AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK.
7. UPON SUBSTANTIAL PROJECT COMPLETION, CONTRACTOR TO CLEAR EXISTING CULVERTS/PIPES, CATCH BASINS, AND DITCHES ALONG FRONTAGE AND DOWNSTREAM AS NECESSARY TO ACHIEVE POSITIVE DRAINAGE.
8. WORK WITHIN SCDOT RIGHT-OF-WAY MUST BE PERFORMED BY AN SCDOT PRE-QUALIFIED CONTRACTOR.
9. SIDEWALK, AND CURB AND GUTTER TO BE REMOVED AND REPLACED FROM JOINT TO JOINT.
10. IN PRESENCE OF SIDEWALK OR OTHER ADA PATHWAY, ACCESS(ES) TO PROVIDE A MINIMUM OF 3' PEDESTRIAN PATH OR NO GREATER CROSS SLOPE THAN 2% ACROSS THROAT OF DRIVEWAY.

APPLICABLE SCDOT STANDARD DRAWINGS:

610-005-10	FLAGGING OPERATIONS
610-205-00	RIGHT SHOULDER CLOSURE
651-110-00	FLAT SHEET SIGN MOUNTING DETAIL
651-115-01	STANDARD SIGNS
651-115-02	STANDARD SIGNS
720-105-01	CURB AND GUTTER
720-911-01	DETECTABLE WARNING SURFACE GROUTED PAVER RAMP
719-610-00	END TREATMENT (RCP BEVELED END)

PROPOSED DRIVEWAY #1

1 ENTRY, 1 EXIT	
DRIVEWAY THROAT LENGTH:	40.2 FEET
SPEED LIMIT (WEST OAKLAND STREET):	35 MPH
SIGHT DISTANCE REQUIRED:	390 FEET
SIGHT DISTANCE SHOWN (RIGHT):	XXX FEET
SIGHT DISTANCE SHOWN (LEFT):	XXX FEET

PROPOSED DRIVEWAY #2

1 ENTRY, 1 EXIT	
DRIVEWAY THROAT LENGTH:	44.5 FEET
SPEED LIMIT (DINGLE STREET):	30 MPH
SIGHT DISTANCE REQUIRED:	335 FEET
SIGHT DISTANCE SHOWN (RIGHT):	XXX FEET
SIGHT DISTANCE SHOWN (LEFT):	XXX FEET

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

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FILE NAME: 1164--TE--PP	CJK	CWH	03.08.24
DWN.	CJK	CHKD.	DSGNL MM.DD.YY

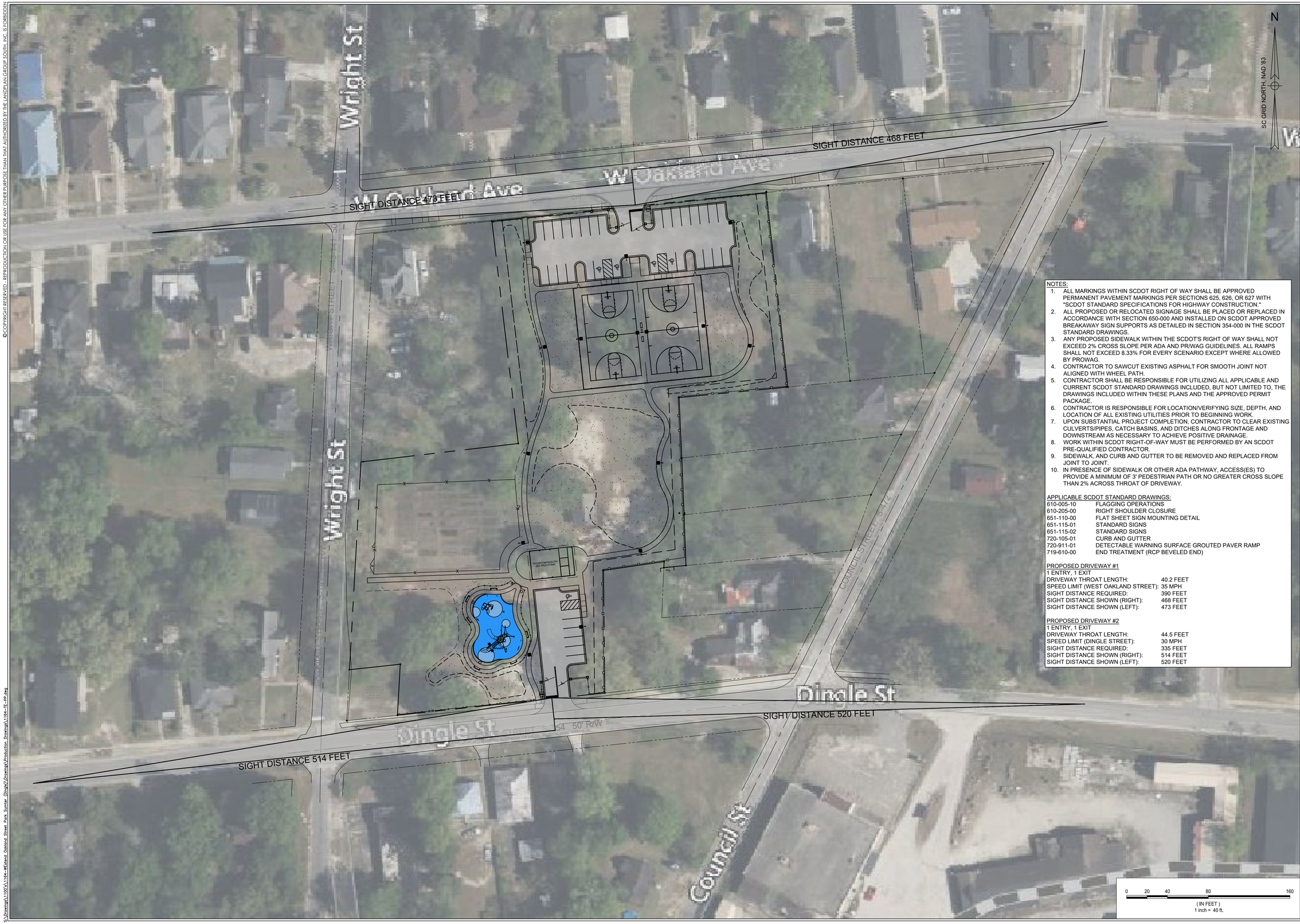
SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
LICENSED PROFESSIONAL ENGINEER
No. 41827
JAMES R. REED

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
SCDOT ENCROACHMENT EXHIBITS

JOB #: 1164
SCALE: 1" = 10'
SHEET: 27 OF 29

S:\Drawings\1100's\1164--Westend Oakland Street Park, Sumter (Dingle)\Drawings\Production Drawings\1164--TE--PP.dwg



NOTES:

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610-205-00	RIGHT SHOULDER CLOSURE
651-110-00	FLAT SHEET SIGN MOUNTING DETAIL
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720-911-01	DETECTABLE WARNING SURFACE GROUTED PAVER RAMP
719-610-00	END TREATMENT (RCP BEVELED END)

PROPOSED DRIVEWAY #1

1 ENTRY, 1 EXIT	
DRIVEWAY THROAT LENGTH:	40.2 FEET
SPEED LIMIT (WEST OAKLAND STREET):	35 MPH
SIGHT DISTANCE REQUIRED:	390 FEET
SIGHT DISTANCE SHOWN (RIGHT):	468 FEET
SIGHT DISTANCE SHOWN (LEFT):	473 FEET

PROPOSED DRIVEWAY #2

1 ENTRY, 1 EXIT	
DRIVEWAY THROAT LENGTH:	44.5 FEET
SPEED LIMIT (DINGLE STREET):	30 MPH
SIGHT DISTANCE REQUIRED:	335 FEET
SIGHT DISTANCE SHOWN (RIGHT):	514 FEET
SIGHT DISTANCE SHOWN (LEFT):	520 FEET

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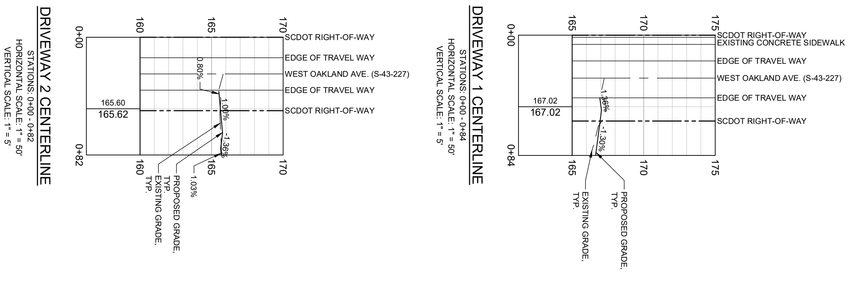
FILE NAME: 1164--TE--PP	DWN.	CHKD.	DSGN.
	CJK	CWH	CJK
			03.08.24
			MM.DD.YY

SOUTH CAROLINA
THE LANDPLAN GROUP SOUTH, INC
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 41827
LICENSED
FRED JAMES KING

WESTEND PARK
CONSTRUCTION DRAWINGS
CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA
SCDOT ENCROACHMENT EXHIBITS

JOB #: 1164
SCALE: 1" = 40'
SHEET: 28 OF 29



WESTEND PARK

CONSTRUCTION DRAWINGS

CITY OF SUTMER, SUMTER COUNTY, SOUTH CAROLINA

SCDOT ENCROACHMENT EXHIBITS

JOB #: 1164

SCALE: 1" = 50'

SHEET: 29 OF 29

LICENSED PROFESSIONAL ENGINEER — SOUTH CAROLINA — No. 41967 — JAMES K. [illegible]

CERTIFICATE OF AUTHORIZATION — THE LANDPLAN GROUP SOUTH, INC. — SOUTH CAROLINA — No. 3082

REVISION	BY	APPD.	MM.DD.YY
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FILE NAME: 1164-TE-PP	CJK	CWH	CJK	03.08.24
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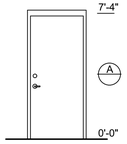
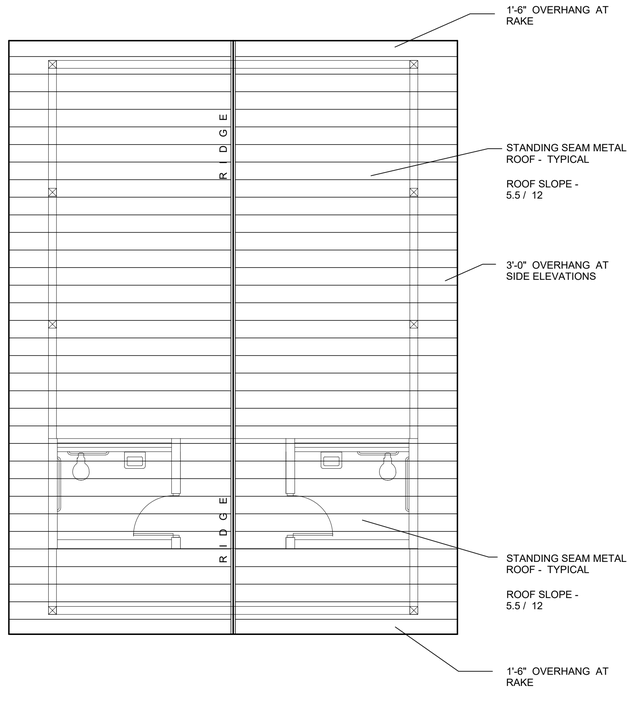
DOOR SCHEDULE

MARK	A
SIZE	7'-0" x 3'-0" x 1 3/4"
TYPE	16 GAGE INSULATED METAL DOOR - SINGLE DOOR - SINGLE SWING
MFG.	STEELCRAFT OR APPROVED EQUAL
FRAME	16 GAGE HOLLOW METAL FRAME
MFG.	STEELCRAFT OR APPROVED EQUAL
RATING	NONE
LITE	NONE
NOTES	TO BE INSTALLED IN A CMU WALL SYSTEM 4" HEAD FOR MASONRY COURSING
HARDWARE	HD HINGES, SILENCERS, CLOSER, LEVER LOCKSET, DEADBOLT, KICKPLATE

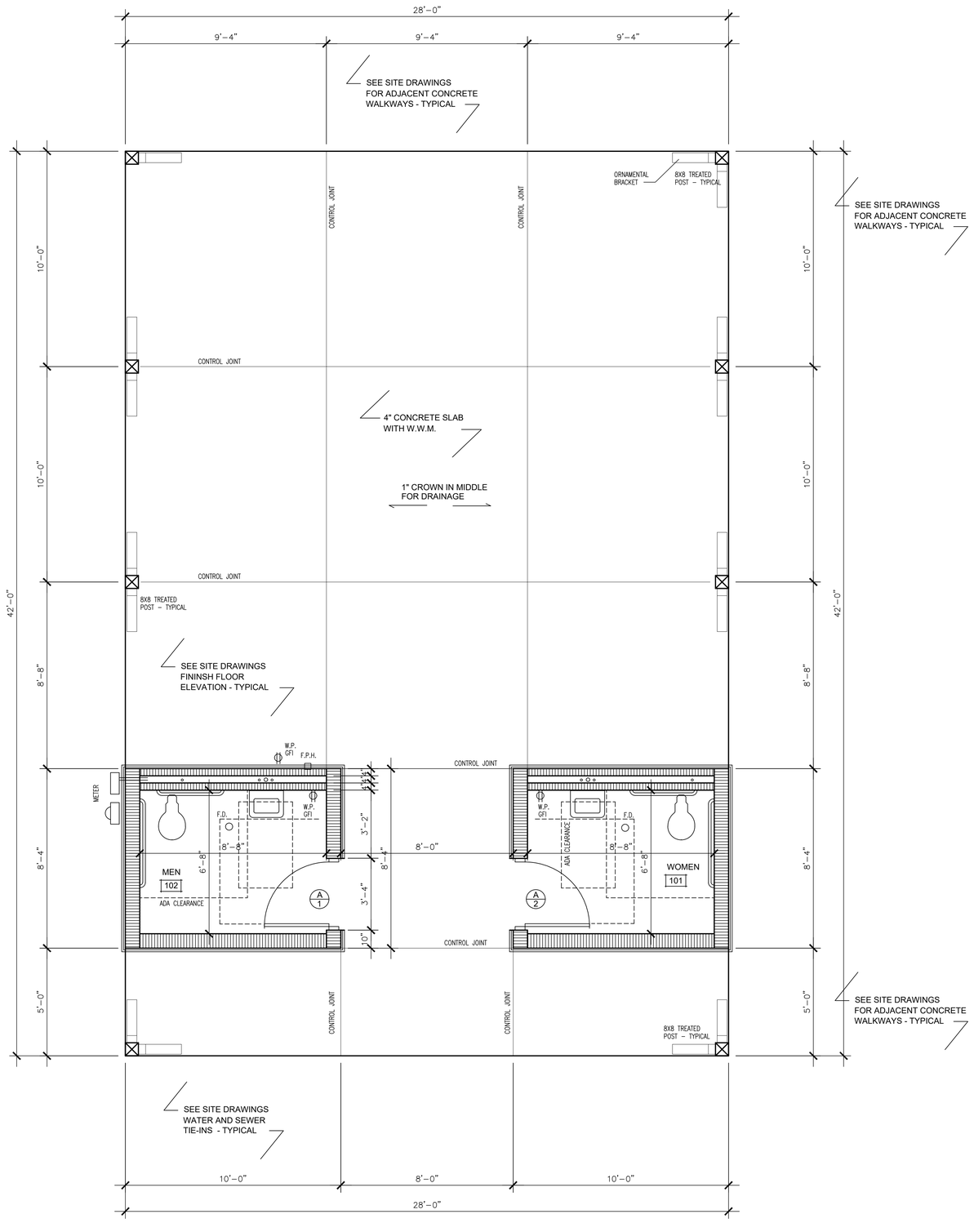


INTERIOR FINISH SCHEDULE

#	DESCRIPTION	FLOOR	BASEBOARD	WALLS	CEILING
101	WOMEN'S RESTROOM	CONCRETE SLAB	PAINTED 1 X 6	PAINTED C.M.U.	PAINTED PLYWOOD WITH PAINTED FURRING STRIPS AT JOINTS
102	MEN'S RESTROOM	CONCRETE SLAB	PAINTED 1 X 6	PAINTED C.M.U.	PAINTED PLYWOOD WITH PAINTED FURRING STRIPS AT JOINTS



2 A1.1 Pavilion Roof Plan
Scale: 3/16" = 1'-0" North



1 A1.1 Pavilion Floor Plan
Scale: 3/8" = 1'-0" North

RS Bell
ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
RS Bell Architects, LLC
Sumter, S.C.
100266

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
Ronald Scott Bell
5044

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion
Floor Plan

Scale:
3/8" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

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GRAPHIC SCALE: 3/8" = 1'-0"

Sheet:
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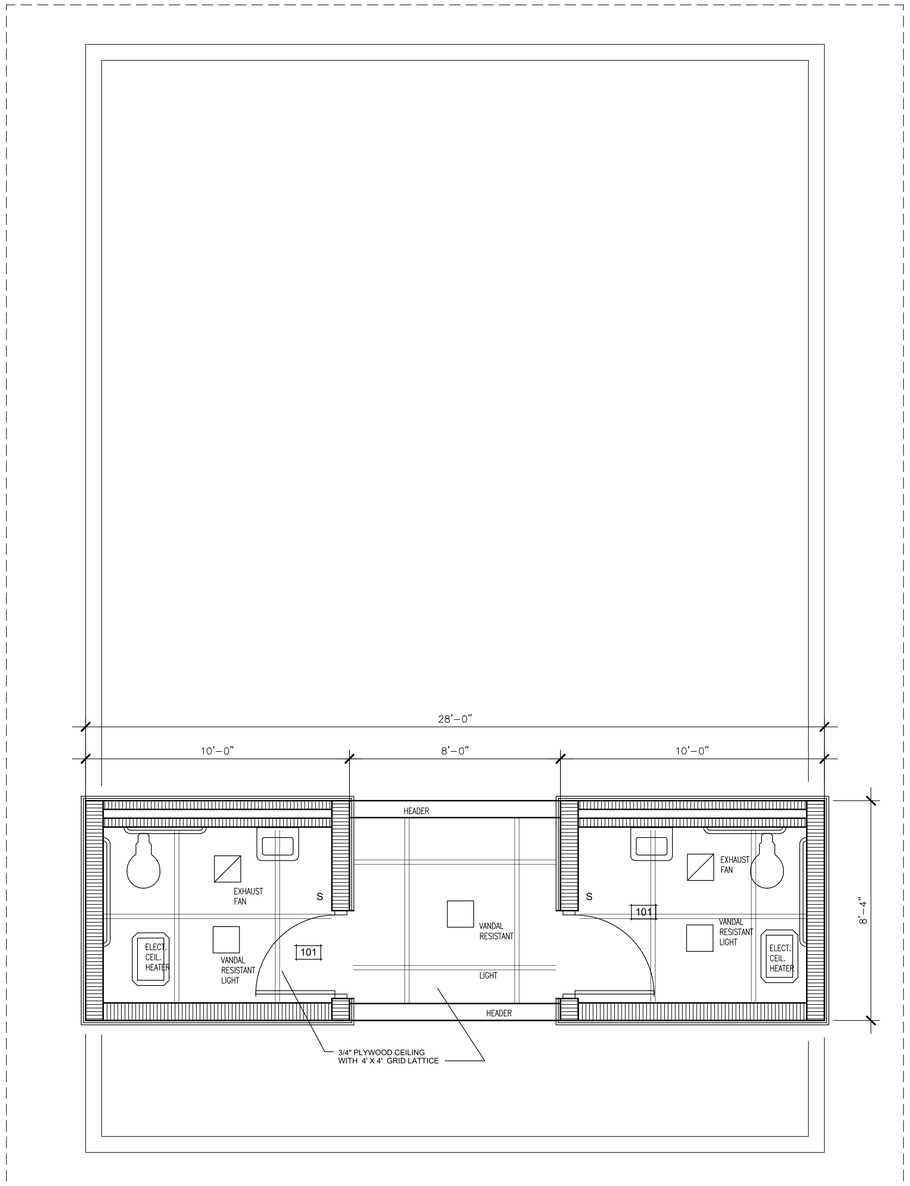
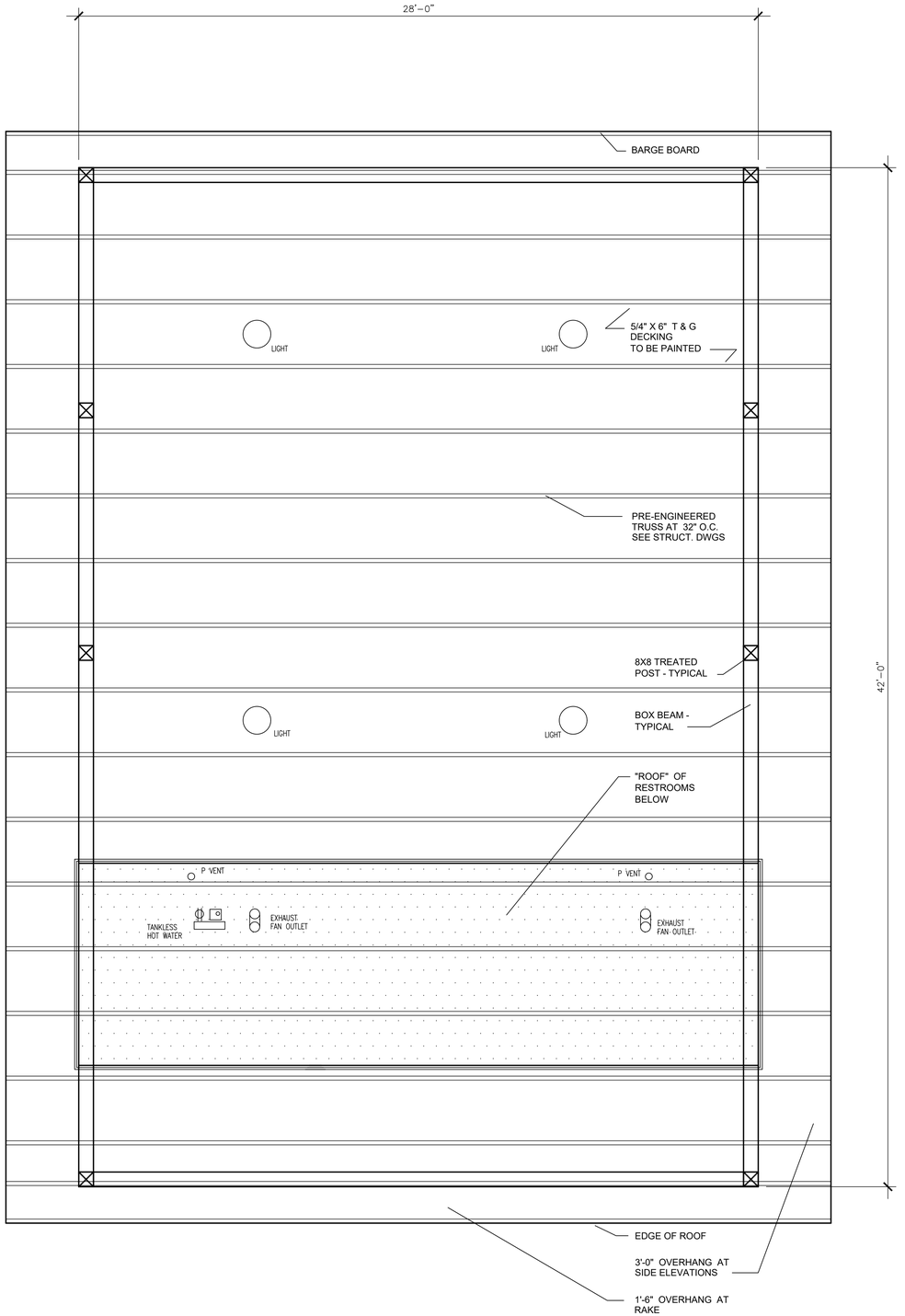


2 A1.2 Restroom Ceiling Plan

Scale: 3/8" = 1'-0"

North



1 A1.2 Pavilion Ceiling Plan

Scale: 3/8" = 1'-0"

North

RS Bell
ARCHITECTS
LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
RS Bell Architects, LLC
Sumter, S.C.
100266

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
Ronald Scott Bell
5044

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion
Ceiling Plans

Scale:
3/8" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

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GRAPHIC SCALE: 3/8" = 1'-0"

Sheet:
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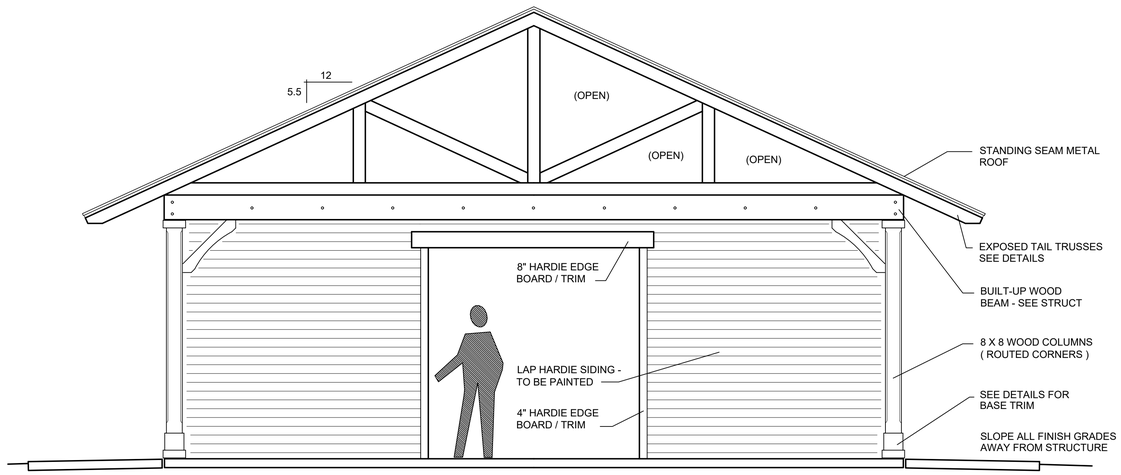
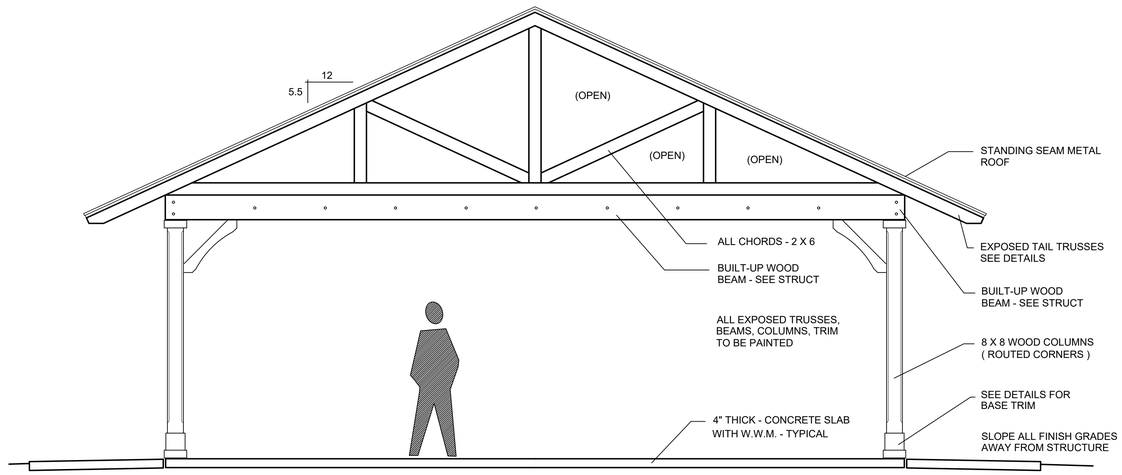


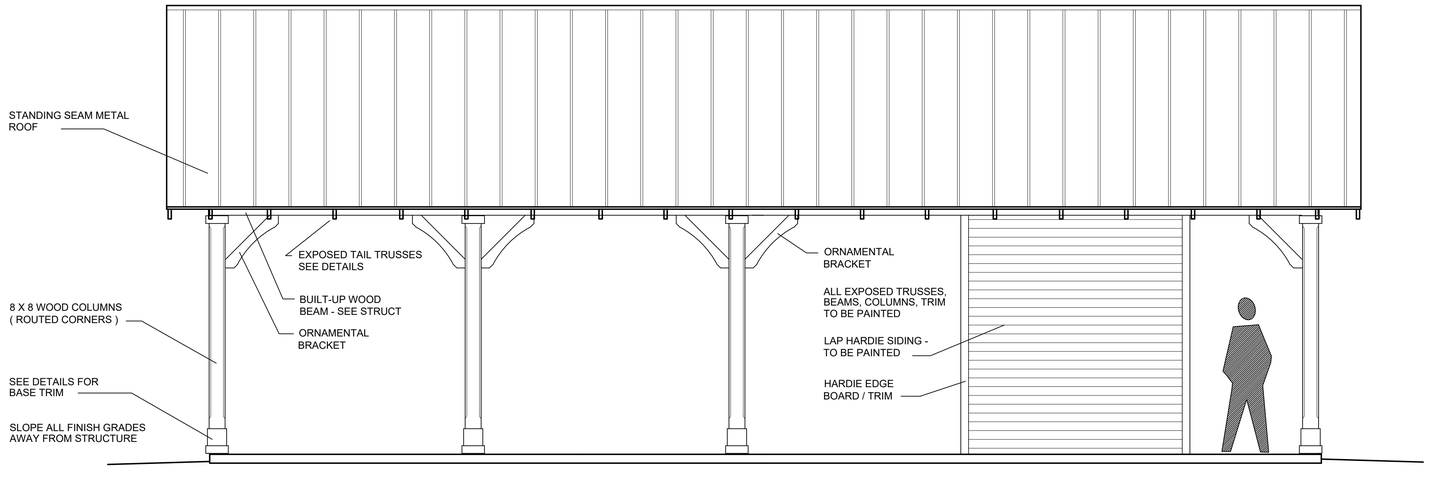
2 A4.1 Restroom End Elevation

Scale: 3/8" = 1'-0"



2 A4.1 Open End Elevation

Scale: 3/8" = 1'-0"



OPPOSITE SIDE IS SIMILAR / REVERSED

1 A4.1 Side Elevation

Scale: 3/8" = 1'-0"

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ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

STATE OF SOUTH CAROLINA
RS Bell
Architects, LLC
Sumter, S.C.
100266
REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
Ronald Scott Bell
5044
REGISTERED ARCHITECTS

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion Elevations

Scale:
3/8" = 1'-0"

Project No. : 23-015
File No. : 68-979904

Revisions:

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GRAPHIC SCALE: 3/8" = 1'-0"

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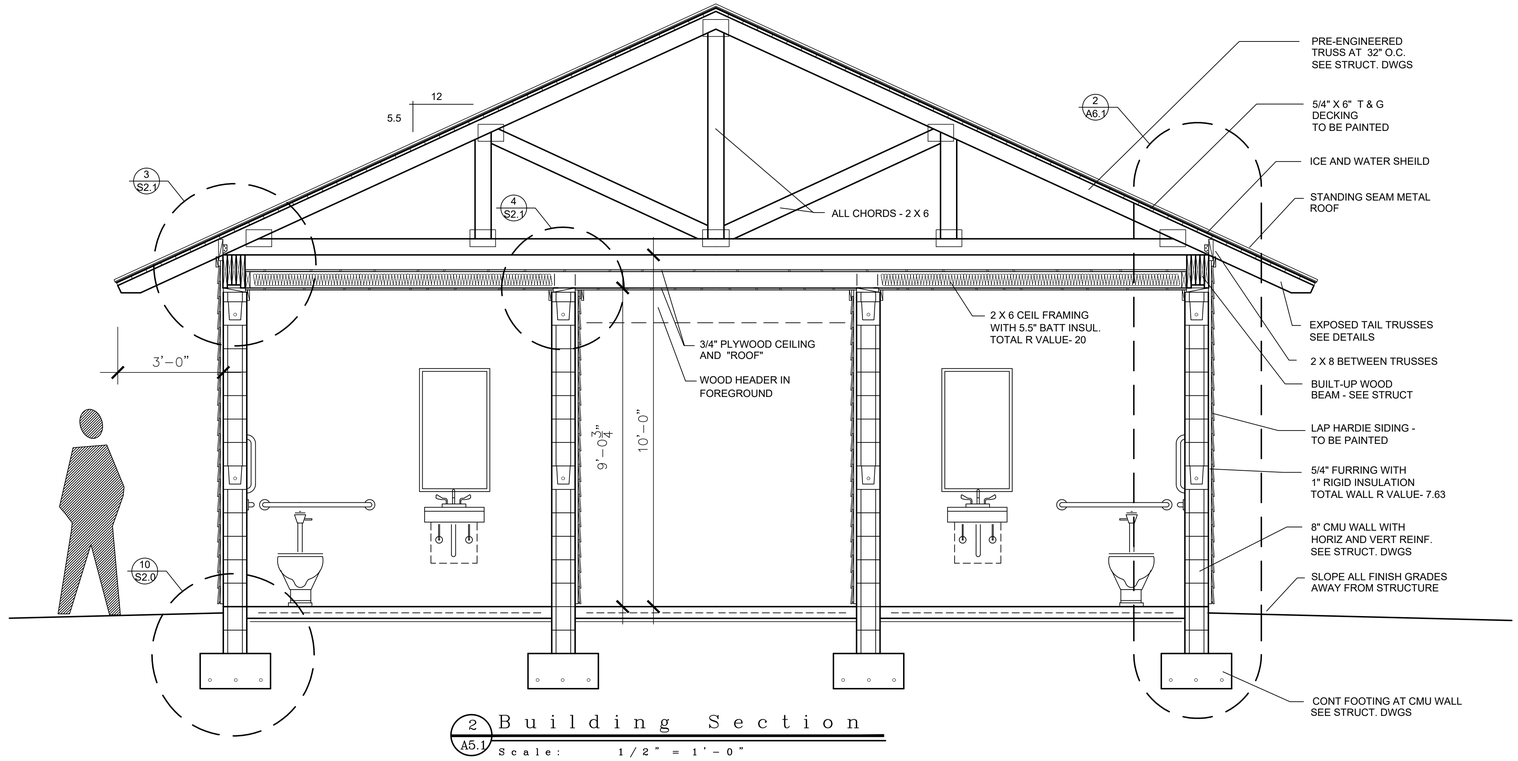
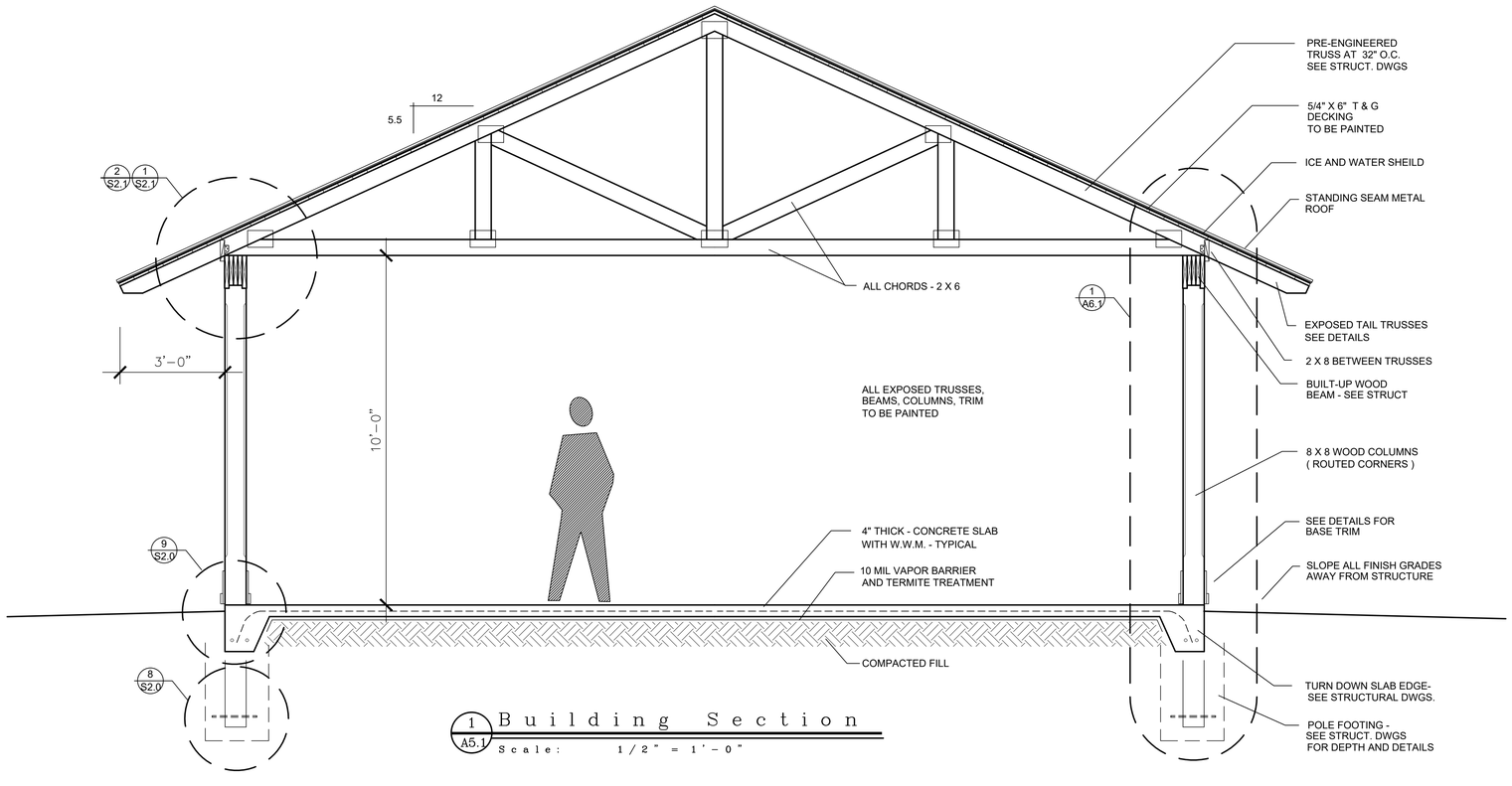


2 A5.1 Building Section

Scale: 1/2" = 1'-0"



1 A5.1 Building Section

Scale: 1/2" = 1'-0"

RS Bell
ARCHITECTS
LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
May 16, 2023

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS
RS Bell
Architects, LLC
Sumter, S.C.
100266

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS
Ronald
Scott Bell
5044

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion
Building Sections

Scale:
1/2" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

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GRAPHIC SCALE: 1/2" = 1'-0"

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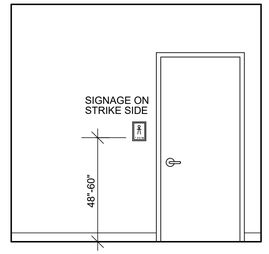
A 5.1

ADA FIXTURE MOUNTING HEIGHTS

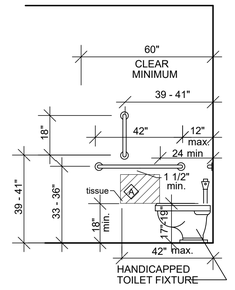
HANIDICAPPED LAVATORIES (MEASURED FROM FLOOR TO RIM)	34" MAX.
HANDICAPPED WATER CLOSETS (MEASURED FROM FLOOR TO TOP OF SEAT)	17" TO 19"
HANDICAPED GRAB BARS (MEASURED FROM FLOOR TO CENTERLINE OF BAR)	33" - 36"
HANDICAPPED PAPER TOWEL DISPENSERS (MEASURED FROM FLOOR TO TOWEL SLOT)	48" MAX
HANDICAPPED TOILET TISSUE DISPENSER (MEASURED FROM FLOOR TO CENTERLINE OF ROLL)	14" - 19"
HANDICAPPED SOAP DISPENSER (MEASURED FROM FLOOR TO CENTER OF BUTTON)	48" MAX
HANDICAPPED MIRRORS (MEASURED FROM FLOOR TO BOTTOM OF MIRROR)	40" MAX
ALSO SEE ADJACENT / TYPICAL DIAGRAMS	

RESTROOM ACCESSORIES

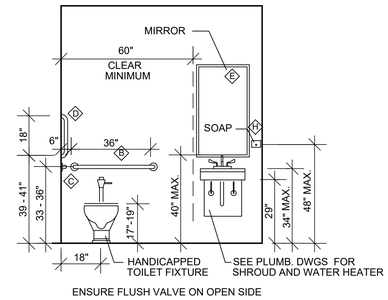
	DESCRIPTION	NUMBER REQD.	
A	TOILET TISSUE HOLDERS	2	PROVIDED BY OWN INSTALLED BY G.C.
B	36" HORIZONTAL ADA GRAB BARS	2	
C	42" HORIZONTAL ADA GRAB BARS	2	
D	18" VERTICAL ADA GRAB BARS	2	
E	24" X 42" FRAMED MIRRORS	2	
F	SHROUD ON LAVATORY PIPES	2	
G	FEMININE WASTE CONTAINER	1	
H	WALL MOUNTED SOAP DISPENSERS	2	PROVIDED BY OWN INSTALLED BY G.C.
I	MEN'S ROOM ADA DOOR SIGNAGE	1	
J	WOMEN'S ROOM ADA DOOR SIGNAGE	1	
K	PAPER TOWEL DISPENSER	2	PROVIDED BY OWN INSTALLED BY G.C.



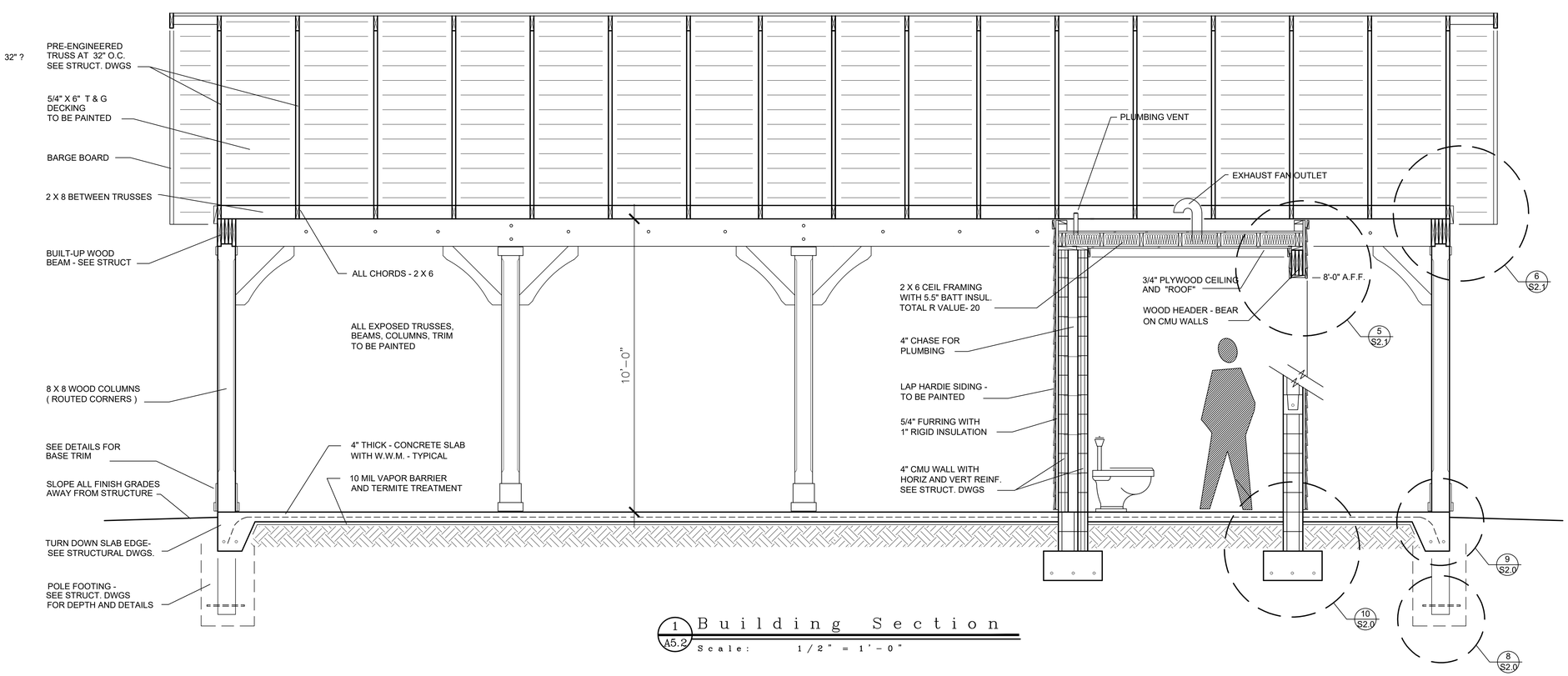
5 A3.1 Typical ADA Door Signage
Scale: 3/8" = 1'-0"



2 A3.1 Typical ADA Toilet Room
Scale: 3/8" = 1'-0"



1 A3.1 Typical ADA Toilet Room
Scale: 3/8" = 1'-0"



1 A5.2 Building Section
Scale: 1/2" = 1'-0"

RS Bell Architects LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
RS Bell Architects, LLC
Sumter, S.C.
100266

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
Ronald Scott Bell
5044

Pavilion For:
Westend Park
City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion
Building Sections

Scale:
1/2" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

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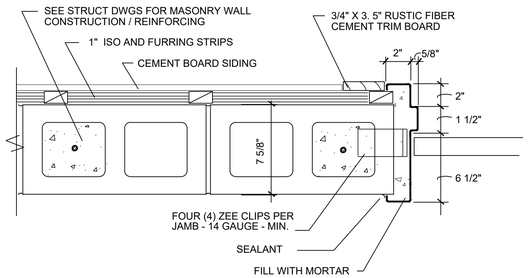
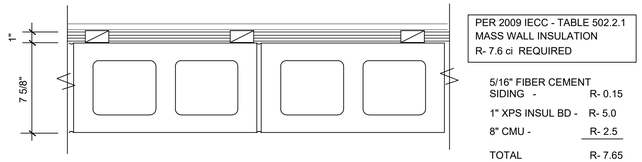
GRAPHIC SCALE: 1/2" = 1'-0"

Sheet:
A 5.2



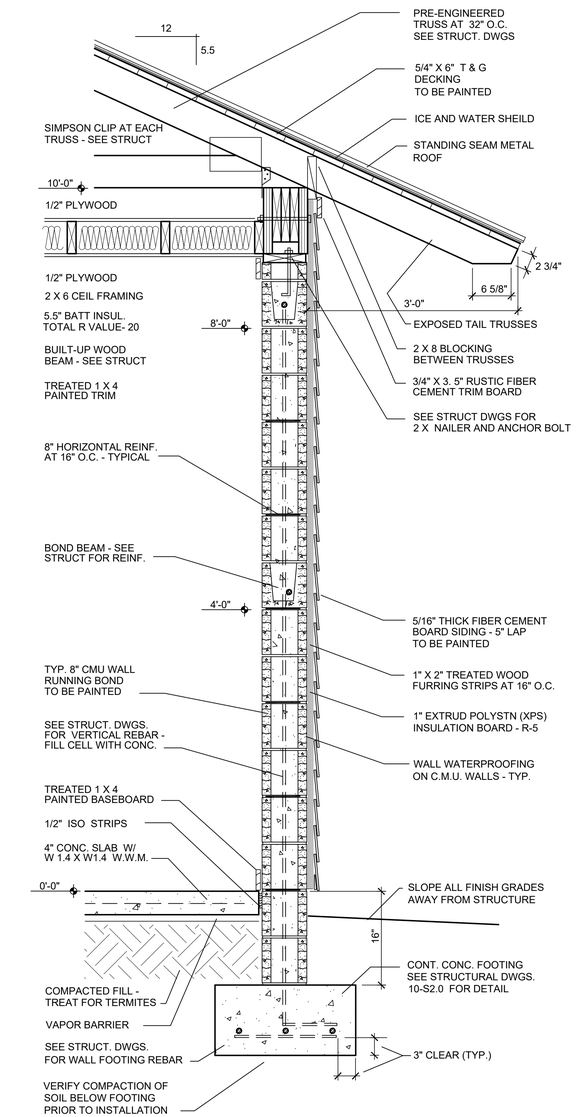
5 A6.1 Interior H.M. Head/Jamb Detail

Scale: 2" = 1'-0"



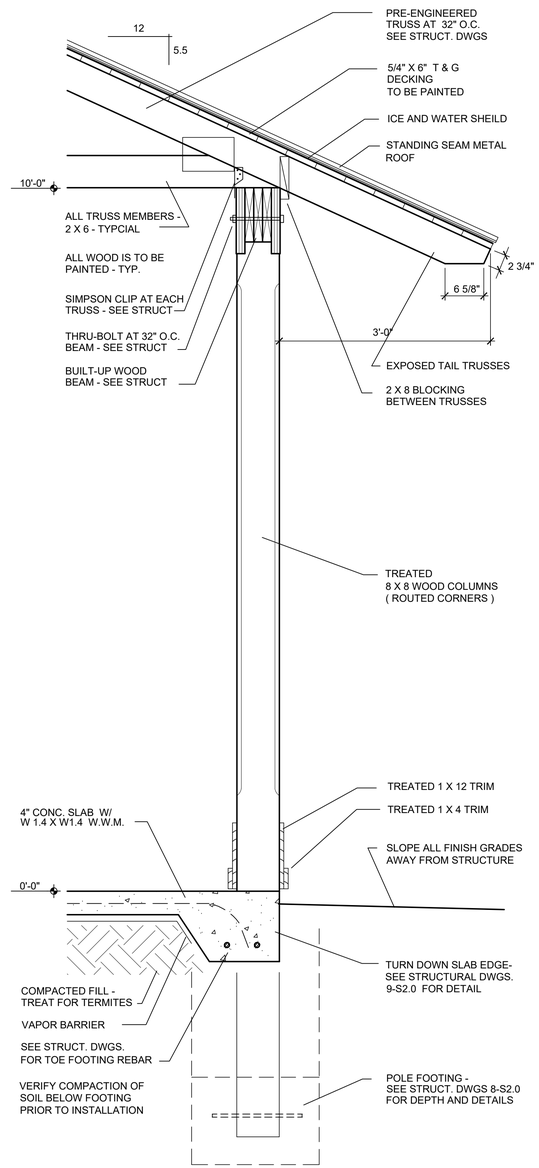
4 A6.1 Masonry Wall – R Value Diagram

Scale: 2" = 1'-0"



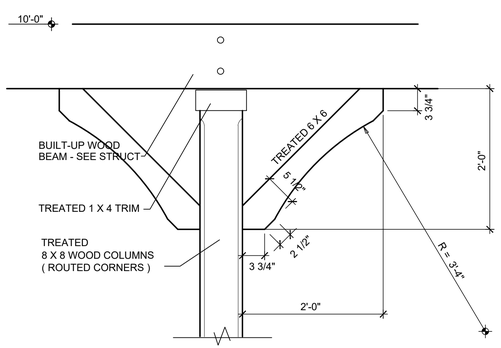
2 A6.1 Wall Section

Scale: 1" = 1'-0"



1 A6.1 Wall Section

Scale: 1" = 1'-0"



3 A6.1 Bracket Detail

Scale: 1" = 1'-0"

RS Bell ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
RS Bell Architects, LLC
Sumter, S.C.
100266

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
Ronald Scott Bell
5044

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Details

Scale:
1" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

0 6" 1' 2'
GRAPHIC SCALE: 1" = 1'-0"

Sheet:
A 6.1

AB	ANCHOR BOLT
ADJ	ADJACENT
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
ALT	ALTERNATE
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT
B/	BOTTOM OF
BLDG	BUILDING
BM	BEAM
BOT	BOTTOM
BRDG	BRIDGING
BRG	BEARING
BLK	BLOCK(ING)
BTWN	BETWEEN
CANT	CANTILEVER
C/C	CENTER TO CENTER
CHAM	CHAMFER
CIRC	CIRCULAR
CJ	CONTROL JOINT
CLR	CLEAR
CMU	CONCRETE MASONRY UNITS
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CTRD	CENTERED
D	DEPTH
DBE	DECK BEARING ELEVATION
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DWGS	DRAWINGS
E	EAST
EA	EACH
EB	EXPANSION BOLT
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR
EMBED	EMBEDMENT
ENGR	ENGINEER
E0S	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ES	EACH SIDE
EW	EACH WAY
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
FC	FILLED CELL
FF	FINISHED FLOOR
FIN	FINISH
FLR	FLOOR
FDN	FOUNDATION
FRMG	FRAMING
FT	FEET
FTG	FOOTING
FV	FIELD VERIFY
GALV	GALVANIZED
GA	GAUGE
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSB	HIGH STRENGTH BOLT
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLUDE, ING
INT	INTERIOR
JBE	JOIST BEARING ELEVATION
LB	POUND
LG	LONG
LL	LIVE LOAD
LLBB	LONG LEG BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LSL	LONG SLOTTED HOLES
LT	LIGHT
LTWT	LIGHTWEIGHT
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MASONRY JOINT
MO	MASONRY OPENING
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
O/O	OUT TO OUT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OW	OPEN WEB
PAF	POWDER ACTUATED FASTENER
PL	PLATE
PLF	POUNDS PER LINEAL FOOT
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
RAD	RADIUS
REF	REFERENCE
REINF	REINFORCEMENT
RET	RETURN
REV	REVISION
RP	RADIUS POINT
RT	RIGHT
RTU	ROOF TOP UNIT
S	SOUTH
SA	SLEEVE ANCHOR
SB	SLAB BOLSTER
SCHED	SCHEDULE
SECT	SECTION
SF-	STEP FOOTING
SIM	SIMILAR
SPEC	SPECIFICATIONS
SP	SPACING,ES
SQ	SQUARE
SSL	SHORT SLOTTED HOLES
SS	STAINLESS STEEL
STD	STANDARD
STIFF	STIFFENERS
STL	STEEL
SYMM	SYMMETRICAL
T/	TOP OF
TB	TIE BEAM
TC	TIE COLUMN
TCX	TOP CHORD EXTENSION
T&B	TOP AND BOTTOM
TEMP	TEMPORARY
TRAN	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT
WP	WORK POINT
WT	WEIGHT
WWM	WELDED WIRE MESH

STRUCTURAL DESIGN CRITERIA:

APPLICABLE BUILDING CODES:
- A. 2021 SOUTH CAROLINA BUILDING CODE
- B. ASCE STANDARD: ASCE 7-16

PROJECT LOCATION: SUMTER, SOUTH CAROLINA

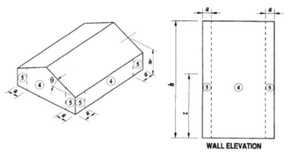
DESIGN LOADS:
- A. ROOF LIVE LOADS — 20 PSF
- B. SNOW LOADS
  - a. GROUND SNOW LOAD, P_g: — 10 PSF
  - b. FLAT ROOF SNOW LOAD, P_f: — 11 PSF
  - c. SNOW EXPOSURE FACTOR, C_e — 1.0
  - d. THERMAL FACTOR, C_t — 1.0
  - e. SNOW IMPORTANCE FACTOR, I_s — 1.0
- C. WIND LOADS
  - a. ULTIMATE DESIGN WIND SPEED V_{ult}: — 123 MPH
  - b. NOMINAL WIND SPEED V_{asd}: — 100 MPH
  - c. RISK CATEGORY: — II
  - d. WIND EXPOSURE CATEGORY: — B
  - e. INTERNAL PRESSURE COEFFICIENT: — ±0.18
  - f. COMPONENT AND CLADDING:

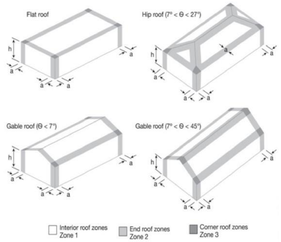
Wall Component & Cladding Pressures				
	p = Net Design Pressures (psf)			
	Zone 4 (+)	Zone 4 (-)	Zone 5 (+)	Zone 5 (-)
10	27.22	-29.52	27.22	-36.44
20	25.99	-28.30	25.99	-33.99
50	24.37	-26.67	24.37	-30.75
100	23.14	-25.45	23.14	-28.29

a (width) 3.00

Roof Component & Cladding Pressures				
	p = Net Design Pressures (psf)			
	Zone 1,2,3 (+)	Zone 1 (-)	Zone 2 (-)	Zone 3 (-)
10	16.00	-24.91	-54.89	-89.49
20	16.00	-24.21	-54.89	-81.16
50	16.00	-23.30	-54.89	-70.14
100	16.00	-22.60	-54.89	-61.81

a (width) 3.00





- E. SEISMIC LOADS
  - a. SEISMIC IMPORTANCE FACTOR: — 1.0
  - b. RISK CATEGORY: — II
  - c. S_s: — 0.391g
  - d. S_1: — 0.131g
  - e. SITE CLASS: — D
  - f. S_{ds}: — 0.388g
  - g. S_{d1}: — 0.204g
  - h. SEISMIC DESIGN CATEGORY: — D
  - i. SEISMIC RESISTING SYSTEM: — CANTILEVERED TIMBER FRAME STRUCTURE
  - j. C_s VALUE: — 0.258
  - k. R VALUE: — 1.5
  - l. ANALYSIS PROCEDURE USED: — EQUIVALENT LATERAL FORCE METHOD

GENERAL NOTES:

- THE CONTRACTOR SHALL REVIEW AND BE THOROUGHLY FAMILIAR WITH THESE STRUCTURAL DRAWINGS. PLEASE NOTIFY PROJECT ENGINEER IN WRITING WITH ANY QUESTIONS/CLARIFICATIONS NECESSARY TO CONTINUE CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE NO DEVIATIONS FROM THE STRUCTURAL DRAWINGS WITHOUT OBTAINING WRITTEN PERMISSION FROM THE PROJECT ENGINEER. ANY QUESTIONS RELATING TO THESE STRUCTURAL DRAWINGS MAY BE DIRECTED TO:

MOTLEY STRUCTURAL DESIGN, LLC
466 N GUIGNARD DR.
SUMTER, SC 29151
TEL: (803) 883-0079

1. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED. ALL DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL FOR THE GENERAL CONDITIONS INDICATED.
2. THE STRUCTURAL DESIGN TAKES INTO CONSIDERATION ALL GRAVITY AND LATERAL LOADS IMPOSED ON STRUCTURE. THE PROJECT ENGINEER RESERVES THE RIGHT TO MODIFY THE LOADS AS NEEDED DURING THE SHOP DRAWING REVIEW PROCESS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR ALL NON-STRUCTURAL ELEMENTS INCLUDING BUT NOT LIMITED TO: FLOOR AND WALL FINISHES, FIXTURES, DOOR AND WINDOW SIZES AND STYLES, , ,
4. THESE DRAWINGS ARE BASED ON THE LATEST DIMENSIONS PROVIDED BY THE ARCHITECT/PLAN DESIGNER. SOME DIMENSIONS MAY BE TAKEN FROM AN ELECTRONIC FILE PROVIDED BY THE ARCHITECT/PLAN DESIGNER. THE CONTRACTOR SHALL USE DIMENSIONS PROVIDED ON ARCHITECTURAL DRAWINGS.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACT DRAWINGS, AND ASSOCIATED SHOP DRAWING SUBMITTALS.
6. IN CASE OF CONFLICT BETWEEN VARIOUS STRUCTURAL DRAWINGS, STRUCTURAL PLANS AND DETAILS, NOTES, AND SPECIFICATIONS; THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
7. THESE DRAWINGS SHALL NOT BE REUSED, ALTERED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF MSD.
8. CONTRACTOR MINIMUM RESPONSIBILITIES:
   - A. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER OF ANY UNUSUAL AND/OR EXCESSIVE LOADS NOT SHOWN ON THE DESIGN DRAWINGS.
   - B. THE CONTRACTOR SHALL MAINTAIN ADEQUATE QUALITY CONTROL OVER ALL HIS WORK AND ANY WORK BY SUBCONTRACTORS UNDER HIS SUPERVISION.
   - C. THE CONTRACTOR SHALL VERIFY FIELD DIMENSIONS AND SITE CONDITIONS AND NOTIFY PROJECT ENGINEER IMMEDIATELY OF ANY DISCREPANCIES IN WRITING.
   - D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL TEMPORARY BRACING AND SHORING DURING ALL PHASES OF CONSTRUCTION.
   - E. THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES, UTILITY LINES, ETC. FROM DAMAGE DURING CONSTRUCTION.
9. SHOP DRAWING SUBMITTALS
   - A. SHOP DRAWINGS AND SUBMITTALS SHALL BE SUBMITTED TO MSD FOR REVIEW BEFORE ANY CONSTRUCTION BEGINS. THESE SUBMITTALS WILL BE REVIEWED FOR OVERALL COMPLIANCE AS IT RELATES TO THE STRUCTURAL DESIGN OF THIS PROJECT. VERIFICATION OF THE SHOP DRAWINGS FOR DIMENSIONS OR FOR ACTUAL FIELD CONDITIONS IS NOT THE RESPONSIBILITY OF MSD.
   - B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GATHERING AND SUBMITTING ALL RELEVANT SHOP DRAWINGS FOR REVIEW TO THE A/E PRIOR TO CONSTRUCTION/ERECTION.
   - C. THE A/E'S REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE CONTRACTOR OF HIS RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, DETAILS, ETC SHOWN ON THE SHOP DRAWINGS.
   - D. ALLOW THE PROJECT ENGINEER AMPLE TIME TO REVIEW THE SHOP DRAWINGS, INCLUDING TIME FOR RE-SUBMITTALS. TIME FOR REVIEW SHALL COMMENCE ON MSD'S RECEIPT OF SUBMITTAL. ALLOW 15 DAYS FOR INITIAL REVIEW OF EACH SUBMITTAL AND 15 DAYS FOR EACH RE-SUBMITTAL.
   - E. HIGHLIGHT, ENCIRCLE OR OTHERWISE SPECIFICALLY IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS.
10. ALL CONSTRUCTION MATERIALS AND INSTALLATION OF SAID MATERIALS SHALL CONFORM TO PROJECT SPECIFICATIONS.

GEOTECHNICAL:

1. THESE DESIGNS ARE BASED ON THE FOLLOWING SOIL PROPERTIES SHOWN BELOW. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, OWNER OR OWNER'S AGENT TO CONTACT MSD IF ADVERSE SOIL CONDITIONS ARE ENCOUNTERED DURING CONSTRUCTION. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR, OWNER OR OWNER'S AGENT TO VERIFY THE FOLLOWING SOIL PROPERTIES:
   - A. ALLOWABLE SOIL BEARING CAPACITY — **1500 PSF**
   - B. SUBGRADE MODULUS (K) — 145 PCI
   - C. ULTIMATE FRICTION COEFFICIENT B/T CONCRETE FOUNDATION AND SOIL — 0.4
   - D. UNIT WEIGHT OF SOIL — 110 PCF
   - E. ACTIVE LATERAL EARTH PRESSURE, KA — 45 PSF/FT
   - F. PASSIVE LATERAL EARTH PRESSURE, KP — 270 PSF/FT
2. THE AREA WITHIN THE FOUNDATION WALLS SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL REMOVED.FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB. FILL DEPTHS OVER 24" FOR CLEAN SAND OR GRAVEL OR 12" FOR EARTH SHALL BE APPROVED BY BUILDING OFFICIAL.BACKFILL AND FILL MATERIAL SHALL BE PLACED IN THIN SUCCESSIVE LAYERS, 8" LOOSE MEASUREMENT FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT AND NOT MORE THAN 4" LOOSE MEASUREMENT FOR MATERIAL COMPACTED BY HAND OPERATED TAMPERS. COMPACT EACH LAYER TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY ACCORDING TO ASTM D698, UNLESS A HIGHER PERCENTAGE IS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. UNDER SLAB ON GRADE LOCATIONS AND STEPS, TOP 12" OF FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 98% OF MAXIMUM DRY DENSITY PER ASTM D698.
3. THE TOP OF ALL SPREAD FOOTINGS SHALL BE A MINIMUM OF 8" BELOW FINISHED GRADE UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FORMING OF FOOTINGS AND FOUNDATION WALLS.
5. ALL TRENCHES SHALL BE DEWATERED PRIOR TO PLACING CONCRETE.

CONCRETE:

1. ALL STRUCTURAL CONCRETE AND REINFORCING SHALL CONFORM TO THE STANDARDS SET FORTH BY THE LATEST EDITION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
2. STEEL REINFORCEMENT SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
   - A. REINFORCING BARS — ASTM A615, GRADE 60, DEFORMED
   - B. PLAIN STEEL WIRE — ASTM A82, AS DRAWN
   - C. EPOXY COATED BARS — ASTM A775
   - D. PLAIN-STEEL WELDED WIRE REINF. — ASTM A185, FABRICATED FROM AS-DRAWING STEEL WIRE INTO FLAT SHEETS
   - E. DEFORMED-STEEL WWF — ASTM A497, FLAT SHEET
3. CONCRETE SHALL HAVE A UNIT WEIGHT OF 145 PCF. CONCRETE MATERIALS SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
   - A. PORTLAND CEMENT — ASTMC150, TYPE I OR TYPE II
     - a. FLY ASH — ASTM C618, CLASS F
   - B. BLENDED HYDRAULIC CEMENT — ASTM C595, TYPE I (PM)
   - C. NORMAL WEIGHT AGGREGATE — ASTM C33, GRADED, 1-1/2" NOMINAL MAX AGG SIZE
   - D. WATER POTABLEXX
4. NO ADMIXTURES SHALL BE ADDED TO ANY STRUCTURAL CONCRETE WITHOUT WRITTEN PERMISSION OF MSD. ALL PROPOSED ADMIXTURES SHALL BE SUBMITTED TO MOTLEY STRUCTURAL DESIGN, LLC WITH THE PROPOSED MIX DESIGNS AND SHALL INCLUDE CERTIFICATION FROM THE MANUFACTURER THAT THE ADMIXTURE IS COMPATIBLE WITH OTHER ADMIXTURES PRESENT AND WILL NOT CONTRIBUTE WATER-SOLUBLE CHLORIDE IONS EXCEEDING THOSE PERMITTED IN HARDENED CONCRETE. DO NOT USE CALCIUM CHLORIDE OR ANY OTHER ADMIXTURE CONTAINING CALCIUM CHLORIDE.
5. COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR FABRICATING, PLACING AND SUPPORTING REINFORCEMENT.
6. COMPLY WITH THE MINIMUM CONCRETE COVER FOR REINFORCEMENT AS FOLLOWS:
   - A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH — 3"
   - B. CONCRETE EXPOSED TO EARTH OR WEATHER (#5 BARS OR SMALLER) — 1-1/2"
   - C. CONCRETE EXPOSED TO EARTH OR WEATHER (#6 BARS OR LARGER) — 2"
   - D. CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT W/ GROUND
     - a. SLABS, WALLS, JOISTS (#11 BAR AND SMALLER) — 3/4"
     - b. SLABS, WALLS, JOISTS (#14 BAR AND #18 BARS) — 1-1/2"
     - c. PRIMARY REINF., TIES, STIRRUPS, & SPIRALS FOR BEAMS & COLUMNS — 1-1/2"
7. NORMAL WEIGHT CONCRETE MIXTURES SHALL HAVE THE FOLLOWING PROPERTIES:

	ELEMENT	MIN. COMPRESSIVE STRENGTH @ 28 DAYS	MAX WATER-CEMENT RATIO	MAX SLUMP LIMIT	AIR CONTENT
5.1	FOOTINGS	3000 PSI	0.45	4"	2%-5%
5.2	SLAB-ON-GRADE	3000 PSI	0.45	4"	2%-5%

1. CONCRETE SLAB ON GRADE
   - A. THE SLAB ON GRADE IS NOT DESIGNED AS A STRUCTURAL DIAPHRAGM AND IS NOT PART OF THE LATERAL FORCE-RESISTING-SYSTEM.
   - B. MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR ALL STRUCTURAL CONCRETE ELEMENTS SHALL BE 3000 PSI.
   - C. NO ADMIXTURES SHALL BE ADDED TO ANY STRUCTURAL CONCRETE WITHOUT WRITTEN PERMISSION OF MOTLEY STRUCTURAL DESIGN, LLC. ALL PROPOSED ADMIXTURES SHALL BE SUBMITTED TO MOTLEY STRUCTURAL DESIGN, LLC WITH THE PROPOSED MIX DESIGNS AND SHALL INCLUDE CERTIFICATION FORM THE MANUFACTURER THAT THE ADMIXTURE IS OMPATIBLE WITH OTHER ADMIXTURES PRESENT AND WILL NOT CONTRIBUTE WATER-SOLUBLE CHLORIDE IONS EXCEEDING THOSE PERMITTED IN HARDENED CONCRETE. DO NOT USE CALCIUM CHLORIDE OR ANY OTHER ADMIXTURE CONTAINING CALCIUM CHLORIDE.
   - D. THE CONTRACTOR SHALL FOLLOW AMERICAN CONCRETE ASSOCIATION (ACI) RECOMMENDATIONS FOR PLACING CONCRETE DURING EXTREMELY HOT OR COLD WEATHER.
   - E. SLABS ON GRADE DEPEND ON THE INTEGRITY OF BOTH THE SLAB AND FULL SOIL SUPPORT. PROVIDE SATISFACTORY SOIL MATERIALS UNDER SLAB ON GRADE ACCORDING TO THE GEOTECHNICAL ENGINEER'S WRITTEN RECOMMENDATIONS. PROOF-ROLL SUBGRADE BELOW THE BUILDING SLAB ON GRADE WITH HEAVY PNEUMATIC-TIRED EQUIPMENT TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING.
   - F. PROVIDE PLASTIC VAPOR RETARDER AS SHOWN ON PLANS. VAPOR RETARDER SHALL CONFORM TO ASTM E 1745, CLASS C, OR POLYETHYLENE SHEET, ASTM D 4397, NOT LESS THAN 10 MILS THICK. LAP EDGES MIN. 6".
   - G. PROVIDE A MINIMUM 4' OF GRANULAR FILL DIRECTLY UNDER SLAB ON GRADE. FILL SHALL CONSIST OF A CLEAN MIXTURE OF COARSED SAND.
   - H. REINFORCE CONCRETE SLAB ON GRADE WITH REINFORCING BARS (ASTM A615, GRADE 60, DEFORMED) OR WELDED WIRE REINFORCEMENT (FABRIC) AS INDICATED ON PLANS. WELDED WIRE REINFORCEMENT SHALL BE SUPPLIED IN FLAT SHEETS AND INSTALLED IN LONGEST PRACTICAL LENGTH ON BAR SUPPORTS OR CONCRETE BRICKS SPACED TO MINIMIZE SAGGING. LAP ALL EDGES OF WELDED WIRE FABRIC A MINIMUM DISTANCE OF 1'-0".
   - I. PROVIDE CONTROL JOINTS PER ACI RECOMMENDATIONS.
   - J. THE CONCRETE SLAB HAS BEEN DESIGNED USING A SUBGRADE MODULUS OF K=150 PCI AND A DESIGN LOADING AS NOTED IN THE "DESIGN CRITERIA" SECTION OF THESE SPECIFICATIONS. MSD IS NOT RESPONSIBLE FOR DIFFERENTIAL SETTLEMENT, SLAB CRACKING OR OTHER FUTURE DEFECTS RESULTING FROM UNREPORTED CONDITIONS MITIGATING THE ABOVE ASSUMPTIONS.

MASONRY:

1. ALL STRUCTURAL MASONRY AND REINFORCING SHALL CONFORM TO THE STANDARDS SET FORTH BY THE LATEST EDITION OF ACI 530 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" & ACI 530.1 "SPECIFICATION FOR MASONRY STRUCTURES."
2. PROVIDE CONCRETE MASONRY UNIT ASSEMBLIES AS INDICATED ON THE DRAWINGS THAT DEVELOP A MINIMUM NET-AREA COMPRESSIVE STRENGTH (F'M) OF 1500 PSI AT 28 DAYS BY USING THE FOLLOWING:
   - A. NORMAL WEIGHT CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C90 WITH A MINIMUM AVERAGE NET-AREA COMPRESSIVE STRENGTH OF 1900 PSI. TYPE M OR S GROUT CONFORMING TO ASTM C270.
3. PROVIDE MORTAR AND GROUT MATERIALS AS INDICATED ON THE DRAWINGS AND CONFORMING TO THE REQUIREMENTS BELOW:
   - A. MORTAR FOR MASONRY ASSEMBLIES SHALL BE EITHER TYPE M OR S CONFORMING TO ASTM C270.
   - B. GROUT SHALL CONFORM TO ASTM C476 AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI. GROUT SLUMP SHALL BE 8" TO 11" ACCORDING TO ASTM C143.
   - C. ALL CELLS CONTAINING REINFORCEMENT, CELLS BELOW GRADE, AND ANY LOCATIONS NOTED ON THE PLANS SHALL BE GROUTED SOLID. DO NOT USE CALCIUM CHLORIDE IN THE GROUT OR MORTAR MIX.
   - D. ALL MASONRY SHALL BE PLACED IN FULL MORTAR BED.
4. PROVIDE VERTICAL REINFORCEMENT AS NOTED ON PLANS AND PER REQUIREMENTS BELOW:
   - A. ALL REBAR SHALL BE UNCOATED STEEL REINFORCING BARS CONFORMING TO ASTM A615, GRADE 60.
   - B. GROUT ALL CELLS CONTAINING REINFORCEMENT. LIMIT POUR HEIGHTS TO 48" MAX.
   - C. PROVIDE AN OPEN BOTTOM BOND BEAM REINFORCED WITH (1) #5 BARS CONT. IN THE FOLLOWING LOCATIONS:
     - a. AT TOP OF ALL MASONRY WALL ELEVATIONS
     - b. AT ALL TRUSS AND FRAMING BEARING ELEVATIONS
     - c. AT 48" O.C. VERTICALLY IN ALL EXTERIOR MASONRY WALLS UNLESS NOTED OTHERWISE
5. PROVIDE MASONRY JOINT REINFORCING AT 16" O.C. VERTICALLY IN ADDITION TO CONTINUOUS REINFORCEMENT, AND NOT MORE THAN 8" ABOVE AND BELOW OPENINGS IN MASONRY WALLS AND EXTENDING 12" BEYOND THE OPENING. JOINT REINFORCING SHALL CONSIST OF HOT-DIPPED GALVANIZED, CARBON STEEL CONFORMING TO ASTM A951 AND THE FOLLOWING REQUIREMENTS:
   - A. SINGLE WYTHE WALLS: LADDER OR TRUSS TYPE WITH A SINGLE PAIR OF SIDE RODS. SIDE AND CROSS RODS SHALL BE W1.7 IN DIAMETER.
   - B. MULTI-WYTHE WALLS: TAB TYPE LADDER OR TAB TYPE TRUSS WITH 1 SIDE ROD AT EACH FACE SHELL OF BACKING WYTHE AND RECTANGULAR TABS SIZED TO EXTEND AT LEAST HALFWAY THROUGH FACING WYTHE BUT WITH AT LEAST 5/8" COVER ON OUTSIDE WALL FACE. SIDE AND CROSS RODS SHALL BE W1.7 IN DIAMETER.
6. PROVIDE ADJUSTABLE MASONRY VENEER ANCHORS TO ATTACH VENEER CONSTRUCTION TO WALL CONSTRUCTION THAT COMPLY WITH THE FOLLOWING:
   - A. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSION OF AIR SPACE BETWEEN VENEER AND WALL CONSTRUCTION. AIR SPACE SHALL BE MINIMUM 1" AND MAXIMUM 4".
   - B. SPACE ANCHORS AS REQUIRED, BUT NOT MORE THAN 16" O.C. BOTH HORIZONTALLY AND VERTICALLY, WITH NOT LESS THAN 1 ANCHOR FOR EACH 2.0 SQ FT. OF WALL AREA. INSTALL ADDITIONAL ANCHORS WITHIN 8" OF WINDOW AND DOOR OPENINGS AND 12" FROM THE TOP OF THE VENEER.
   - C. ALL MASONRY ANCHORS, TIES AND ACCESSORIES SHALL BE GALVANIZED.
7. PROVIDE CONTROL AND EXPANSION JOINTS AS INDICATED IN THE ARCHITECTURAL DRAWINGS.
8. CONSULT PORTLAND CEMENT ASSOCIATION RECOMMENDATION FOR CONSTRUCTION DURING EXTREMELY HOT OR EXTREMELY COLD WEATHER.
9. ALL MASONRY LINTELS SHALL HAVE A MINIMUM 16" OF BEARING. BRICK VENEER SUPPORT TO BEAR 8" MIN. EA. SIDE OF OPENINGS.

LUMBER:

1. ALL LUMBER USED IN BELOW GRADE APPLICATIONS SHALL BE PRESSURE TREATED LUMBER.
2. ALL LUMBER USED FOR WALL CONSTRUCTION (STUDS, PLATES, PURLINS…) SHALL BE A MINIMUM OF SPF #2 GRADE @ 19% MOISTURE CONTENT.
3. ALL LUMBER USED FOR HEADERS, BRACING AND MISCELLANEOUS FRAMING SHALL BE A MINIMUM OF SYP #2 GRADE @ 19% MOISTURE CONTENT.
4. SEE ARCHITECTURAL DRAWINGS AND CURRENT APPLICABLE CODE REQUIREMENTS FOR LOCATIONS REQUIRING TREATED WOOD.
5. ALL ENGINEERED LUMBER BEAMS (LVL, PSL OR GLULAM) SHALL HAVE MIN E = 2000000 psi, Fb = 2900 psi, Fv = 285 psi.

WOOD TRUSS COMPONENTS:

- PRE-MANUFACTURED TRUSSES SHALL BE DESIGNED PER THE FOLLOWING:

ASCE7-16 — VULT: 123 mph; VASD: 100 mph

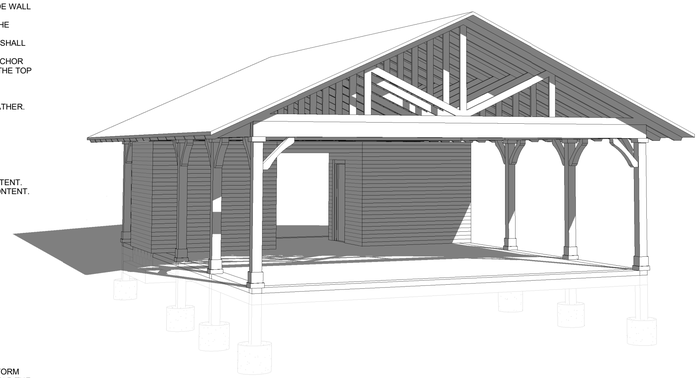
ENCLOSURE: ENCLOSED

ROOF LOADS
TCLL: 20psf
TCDL: 10psf
BCLL: 0psf*
BCDL: 5psf

1. PRE-MANUFACTURED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE AND SHALL CONFORM TO ASI/TPI 1. THE TRUSS DESIGN DRAWINGS SHALL BE PREPARED BY A REGISTERED DESIGN PROFESSIONAL. SHOP DRAWINGS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE.
2. TRUSS DESIGN DRAWINGS SHALL BE SUBMITTED TO MSD FOR APPROVAL PRIOR TO ERECTION.
3. ENDS OF ALL ROOF TRUSSES SHALL BE ANCHORED WITH UPLIFT CONNECTORS PER SIMPSON STRONG-TIE OR EQUAL.
4. SCISSOR OR PARALLEL CHORD ROOF TRUSSES THAT EXHIBIT A HORIZONTAL THRUST SHALL BE ATTACHED WITH A FIXED ATTACHMENT ON ONE END AND A SLIDE ATTACHMENT (E.G. SIMPSON TC CONNECTOR) ON THE OTHER END. THE SLIDE ATTACHMENT SHALL ALLOW THE TRUSS TO SLIDE FREELY UNTIL ALL DEAD LOAD IS APPLIED. WHEN DEAD LOAD IS FULLY APPLIED TO TRUSS THE SLIDE TYPE CONNECTOR SHALL BE FULLY FASTENED TO THE TRUSS TO PREVENT ANY FURTHER MOVEMENT. ADDITIONAL CONNECTOR HARDWARE MAY BE REQUIRED FOR UPLIFT DEMANDS ON TRUSS. THE TRUSS MANUFACTURER SHALL NOT DESIGN THE TRUSSES IN A WAY THAT IMPARTS LATERAL LOAD TO THE WALL.
5. TRUSSES WITH EXTREMELY LONG SPANS AND/OR UNUSUAL CONFIGURATIONS SHALL BE HANDLED WITH EXTREME CARE IN SHIPPING AND ERECTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROPERLY BRACE THE TRUSS SYSTEM ADEQUATELY PER THE TRUSS MANUF. RECOMMENDATIONS. CONSULT WTCA FOR ADDITIONAL INFO ON LONG SPAN TRUSSES.
6. TRUSS MEMBERS SHALL NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE APPROVAL OF THE TRUSS DESIGNER.
7. ENGINEERED WOOD MEMBERS SUPPORTING ROOF FRAMING SHALL BE ANCHORED FOR UPLIFT AT EACH END WITH THE APPROPRIATE ANCHORING DEVICE.
8. THE CONTRACTOR SHALL PROVIDE A MIN. (2) PLY STUD COLUMN UNDER THE END OF ALL GIRDER TRUSSES AND BEAMS UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
9. ALL ENGINEERED LUMBER BEAMS (LVL, PSL OR GLULAM) SHALL HAVE MIN E = 2000000 psi, Fb = 2900 psi, Fv = 285 psi.

Sheet List

Sheet Number	Sheet Name	Current Revision	Current Rev. Date	Current Revision Description
S0.0	GENERAL NOTES	1	10-09-23	PERMIT SET
S1.0	FOUNDATION & FRAMING PLANS	1	10-09-23	PERMIT SET
S2.0	SECTIONS AND DETAILS	1	10-09-23	PERMIT SET
S2.1	SECTIONS AND DETAILS	1	10-09-23	PERMIT SET



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R S Bell
A R C H I T E C T S
L L C
134 N. Main St.
Sumter, South Carolina
803 774-3025

Date:
10-09-23

SOUTH CAROLINA REGISTERED ARCHITECT 24141 TAYLOR W. MOTLEY
10-09-23

SC COA: 7183

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

GENERAL NOTES

Scale:
As indicated

Project No.: R2304

Revision Schedule

Rev #	Description	Date
1	PERMIT SET	10-09-23

Sheet:
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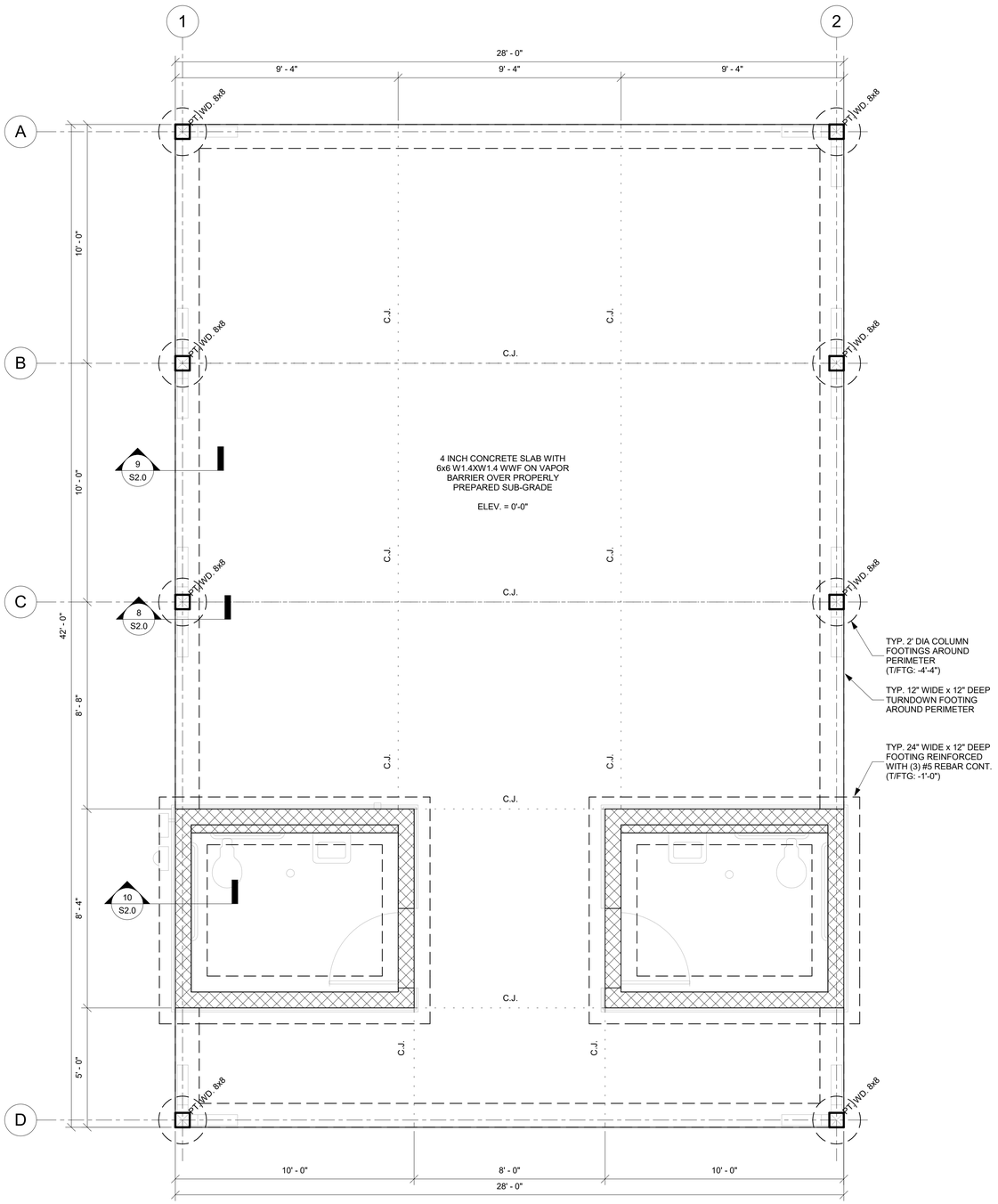
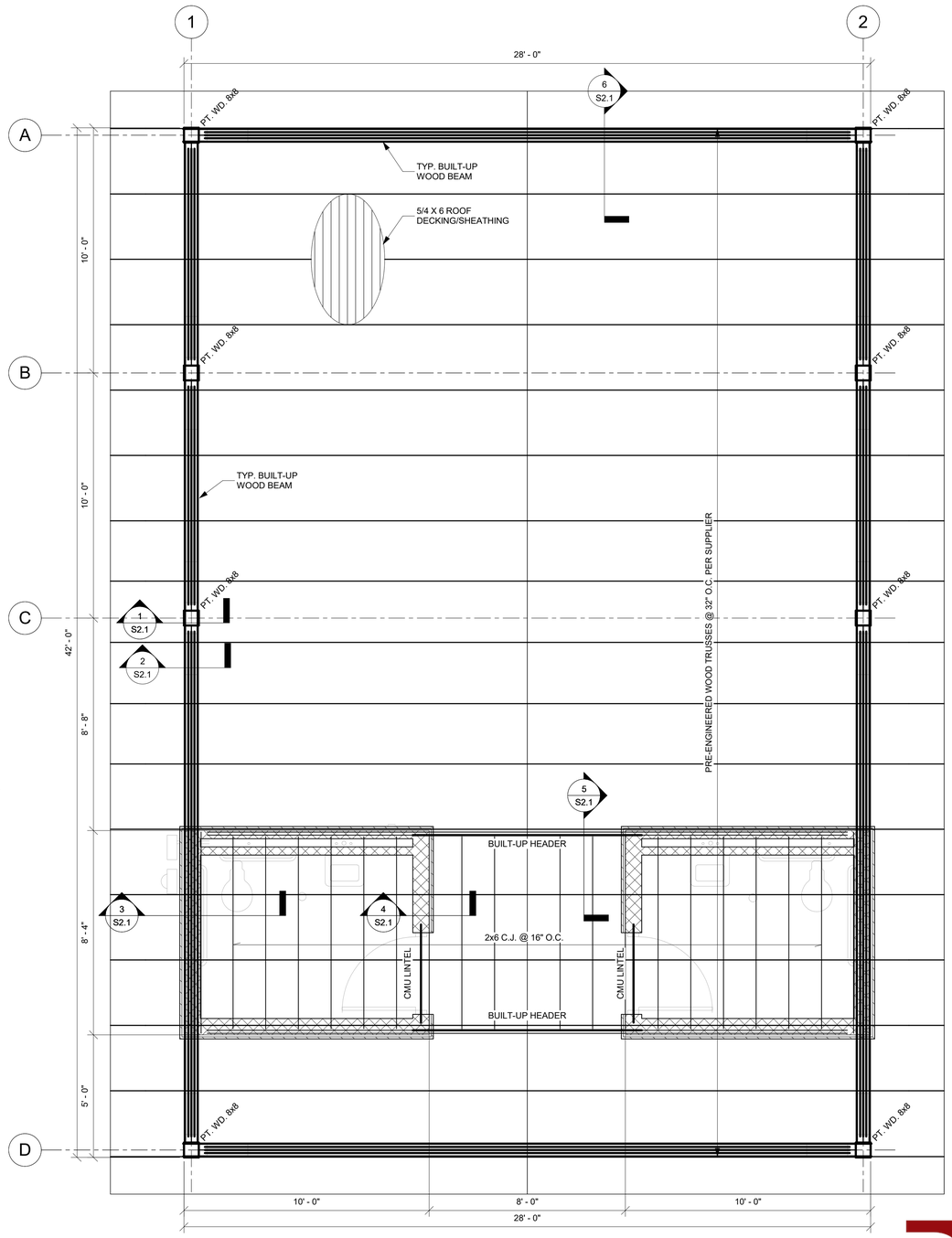


1 S1.0 FOUNDATION PLAN
3/8" = 1'-0"

NOTES:

1. ALL FLOOR SLABS ARE 4" THICK 3000 PSI CONCRETE REINFORCED WITH W6X6 - W1.4XW1.4 WWF OVER PROPERLY PREPARED SUBGRADE. T.O.S. ELEVATION = 0'-0" (VERIFY WITH ARCH DRWGS)
2. SEE ARCHITECTURAL PLANS FOR ALL DIMENSIONS NOT SHOWN
3. PLAN SYMBOLS:

XXX INDICATES 4" OR 8" CMU WALL



2 S1.0 ROOF FRAMING PLAN
3/8" = 1'-0"

NOTES:

1. SEE ARCHITECTURAL PLANS FOR ALL DIMENSIONS NOT SHOWN
2. PLAN SYMBOLS:

XXX INDICATES 4" OR 8" CMU WALL

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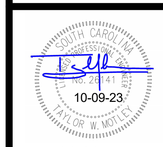

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FOUNDATION & FRAMING PLANS

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Rev #	Description	Date
1	PERMIT SET	10-09-23

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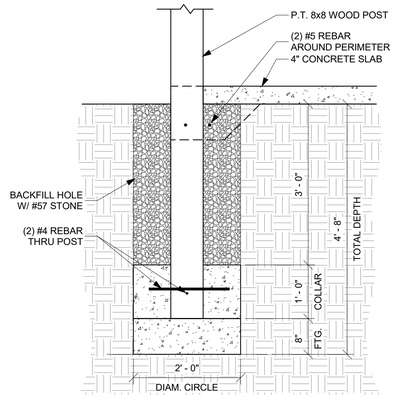
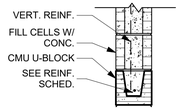


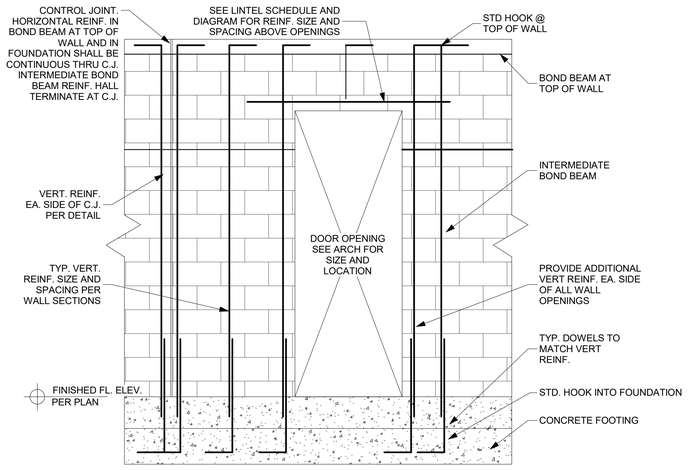
8 S2.0 TYP. COLUMN FOOTING DETAIL
3/4" = 1'-0"

CMU LINTEL SCHEDULE			
CLEAR SPAN	WIDTH	DEPTH	REINF.
1'-6" - 4'-0"	8"	8"	(1) #5

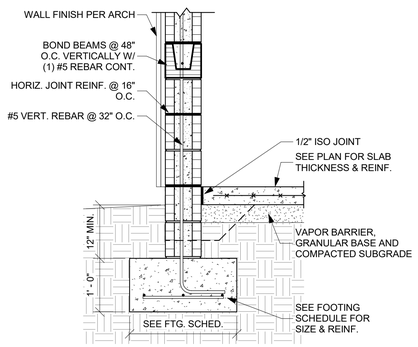


NOTES:
1. SEE ARCHS FOR SIZE & LOCATIONS OF ALL MASONRY OPENINGS
2. PROVIDE MIN. 8" BEARING EA. SIDE OF OPENING. HORIZ. REINF. TO EXTEND 24" PAST OPENING. BEND REINFORCING UP OR DOWN INTO VERT. CELLS WHEN OCCURRING AT/NEAR END OF WALL.
3. REINFORCING SHALL HAVE 1/2" MIN. GROUT COVER TO SURFACE OF BOND BEAM.
4. LINTELS SUPPORT WEIGHT OF WALL ONLY, NO SUPERIMPOSED LOADS, U.N.O.
5. CONNECTIONS OF ROLL-UP DOORS TO CMU BY DOOR MANUF. ANCHORS SHALL BE FOUNDED WITHIN LINTEL.
6. LINTELS ARE REQUIRED @ OPENINGS WHERE WIDTHS EXCEED 16".
7. AT DUCT PENETRATIONS, IN LIEU OF MASONRY LINTEL, STEEL ANGLES (2) L4x3 1/2x5/16 MAY BE PROVIDED FOR WIDTHS UP TO 4'-0" IN WIDTH

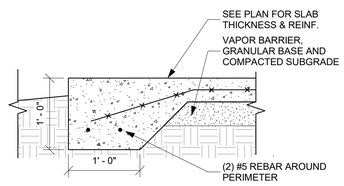
7 S2.0 CMU LINTEL SCHEDULE
3/4" = 1'-0"



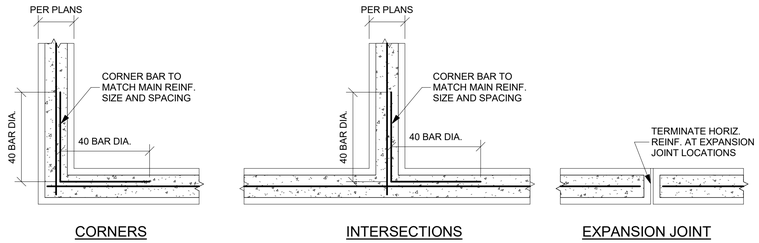
6 S2.0 CMU - WALL OPENING DETAIL
1/2" = 1'-0"



10 S2.0 TYP. CMU WALL W/ HEADER BLOCK FTG. DETAIL
3/4" = 1'-0"

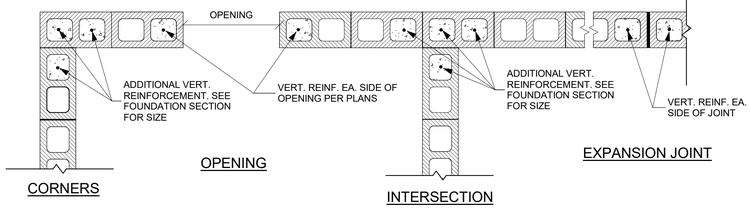


9 S2.0 TYP. SLAB EDGE DETAIL
1" = 1'-0"

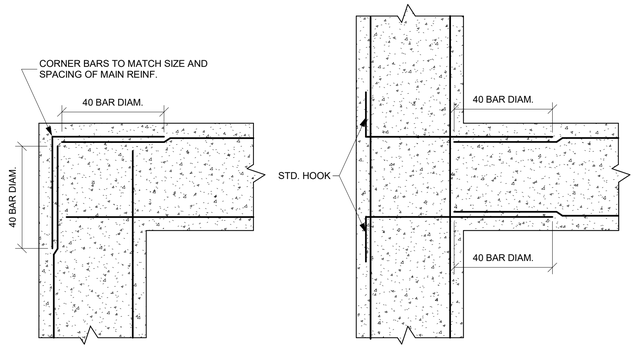


5 S2.0 FND - CMU STEM-WALL BOND BEAM REINF DETAIL
3/4" = 1'-0"

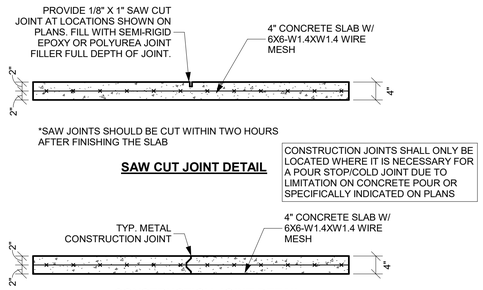
NOTES:
1. FILL ALL CELLS CONTAINING VERT. REINF. W/ GROUT
2. ALL VERT. REINF. SHALL LAP FOOTING DOWELS IF NOT CONT. FROM FOOTING. WALL REBAR TO EXTEND MIN. 6" INTO BOND BEAM @ TOP OF WALL
3. ALL DOWELS TO HAVE STANDARD HOOK @ ENDS



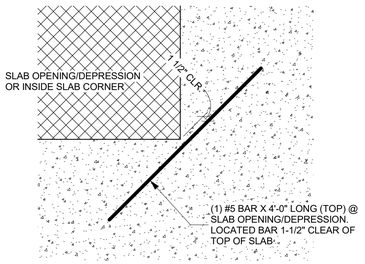
4 S2.0 FND - CMU STEM-WALL VERTICAL REINF
3/4" = 1'-0"



3 S2.0 FND - FTG CORNERS/INTER.
3/4" = 1'-0"



2 S2.0 FND - SLAB JOINT DETAILS
3/4" = 1'-0"



* DETAIL APPLIES AT DEPRESSIONS GREATER THAN 1/4 SLAB THICKNESS

1 S2.0 FND - RE-ENTRANT CORNER DETAIL
3/4" = 1'-0"

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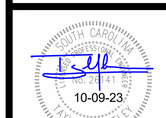

SC COA: 7183

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

SECTIONS AND DETAILS

Scale:
As indicated

Project No.: R2304

Revision Schedule

Rev #	Description	Date
1	PERMIT SET	10-09-23

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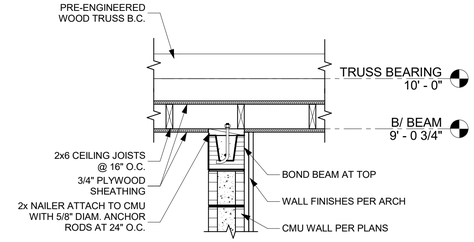
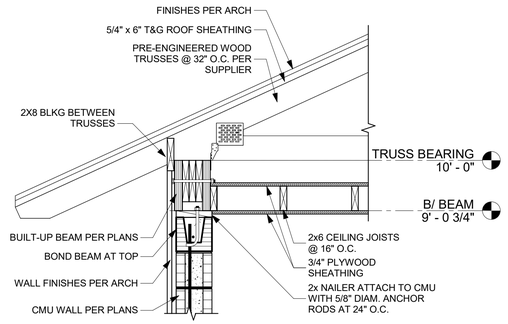
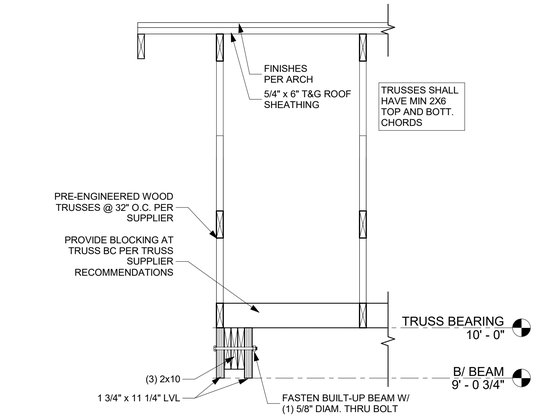


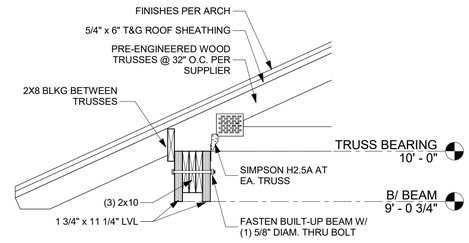
4 S2.1 SECTION
3/4" = 1'-0"



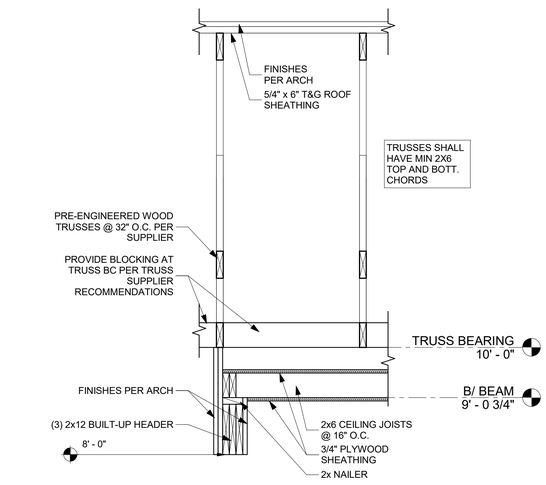
3 S2.1 SECTION
3/4" = 1'-0"



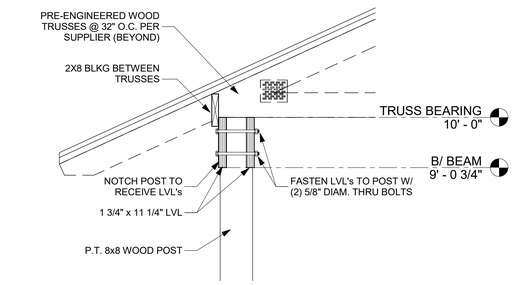
6 S2.1 SECTION
3/4" = 1'-0"



2 S2.1 BUILT-UP BEAM DETAIL
3/4" = 1'-0"



5 S2.1 SECTION
3/4" = 1'-0"



1 S2.1 LVL TO POST CONNECTION DETAIL
3/4" = 1'-0"

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SOUTH CAROLINA
REGISTERED
ARCHITECT
TAYLOR W. MOYLES
10-09-23

SC COA: 7183

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

SECTIONS
AND DETAILS

Scale:
3/4" = 1'-0"

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Revision Schedule

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1	PERMIT SET	10-09-23

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PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	CONNECTIONS			SPECIFICATIONS
		CW	HW	WASTE	
P-1	WALL-HANG WATER CLOSET	1"	—	4"	KOHLER MODEL K-3609-1 WHITE, TOP SPUD ADA HEIGHT. MODEL K-837MDRBD POLISHED CHROME, 1.6 GPF MANUAL FLUSH VALVE OVERRIDE, MODEL K-4731 SELF-SUSTAINING CHECK HINGE.
P-2	WALL-HANG LAVATORY	½"		1¼"	KOHLER MODEL K-2867 ENAMELLED CAST IRON WITH 3-HOLE DRILLING, CHICAGO FAUCETS MODEL 3408-ABCP METERING FAUCET, MODEL 578-DI-1-AB STOP WITH SUPPLY, MODEL 317-XCP 1¼" OPEN GRID STRAINER, FURNISH OFFSET TAILPIECE 4 1¼" P-TRAP. TRUEBRO MODEL 8224 LAV. SHIELD. JR SMITH FIGURE 8722 WALL CARRIER.

TANKLESS ELECTRIC WATER HEATER SCHEDULE

SYMBOL	MANUFACTURER	MODEL NO.	CURRENT CHAR.	TOTAL K.W.	PRE-SET TEMPERATURE	REMARKS
TWH-1	CHRONOMITE	CM-3EL/120 NPT08, 20195-1	120-1-60	3.60	104°F	FURNISH WITH ½" CONNECTIONS (NPT08) & DISCONNECT SWITCH (12055-1). HARD PIPE, NO FLEXIBLE HOSES.

* OR EQUAL BY OTHERS. VERIFY VOLTAGE BEFORE ORDERING.

DRAIN SCHEDULE

SYMBOL	ZURN NO.	JOSAM NO.	SMITH NO.	SIZE	TOP MATERIAL	BODY MATERIAL	ACCESSORIES
FD	Z-415-A	30000-A	2010-A	3"	N/B	C.I.	ROUND TOP & INSTALL PROSET "TRAP GUARD VALVE"

CLEANOUT SCHEDULE

SYMBOL	SIZE	BODY	PLUG	COVER FINISH	ACCESSORIES
WCO	2"-4"	PVC	PVC	N/B	
FCO	4"	C.I.	PVC	P/B	
CO	2"-4"	C.I.	PVC	———	

PLUMBING SYMBOLS

- SOIL OR WASTE PIPING
- VENT PIPING
- COLD WATER PIPING
- HOT WATER PIPING
- BALL VALVE
- CO — CLEANOUT IN WALL
- CO — CLEANOUT IN FLOOR OR TO GRADE
- FLOOR DRAIN

PLUMBING NOTES

1. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE, LOCATIONS, ETC.
2. EXCEPT WHERE PIPE SPACE IS PROVIDED OR UNLESS OTHERWISE NOTED, ALL SUPPLY, WASTE AND VENT RISERS SHALL BE RUN IN WALLS AND PARTITIONS.
3. GENERALLY COLD WATER PIPING RUN BELOW FLOOR SLAB AND IN CHASE. SEE PLANS.
4. COORDINATE CLOSELY WITH ALL WORK DONE UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE AND CONFLICT.

PLUMBING SPECIFICATIONS

1.01 SCOPE:
THESE SPECIFICATIONS TOGETHER WITH THE ACCOMPANYING PLUMBING DRAWINGS ARE INTENDED TO PROVIDE COMPLETE PLUMBING INSTALLATION FOR THE RENOVATED BUILDING AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS.

1.02 GENERAL:
ALL WORK SHALL BE PERFORMED BY SKILLED AND CAPABLE WORKMEN UNDER COMPETENT SUPERVISION, EMPLOYING LATEST AND BEST PRACTICES OF THE TRADE. WORK SHALL BE INSTALLED ACCORDING TO THE ADOPTED LOCAL PLUMBING CODE, AND SHALL MEET WITH PLUMBING INSPECTOR'S APPROVAL IN EVERY RESPECT. LOCAL CODE SHALL APPLY WHERE SUCH CODE EXCEEDS REQUIREMENTS OF THIS SPECIFICATION. IN ABSENCE OF CODE OR AUTHORITIES, INSTALL ALL WORK ACCORDING TO THE 2021 INTERNATIONAL PLUMBING CODE.

PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES, AT HIS OWN EXPENSE, AND SHALL PAY ALL SERVICE CHARGES REQUIRED FOR PROSECUTION OF THIS WORK.

PLUMBING DRAWINGS ARE DIAGRAMMATIC ONLY, AND DO NOT SHOW ALL OFFSETS, FITTINGS, ETC. COORDINATE WORK WITH OTHER TRADES, FURNISHING AND INSTALLING ALL FITTINGS, OFFSETS, ETC., REQUIRED AT NO ADDITIONAL COST TO OWNER.

2.01 MATERIALS:
- SOIL & WASTE PIPING: SCHEDULE 40 PVC THE SOLVENT WELDED FITTINGS.
- WATER PIPING: TYPE 'L' COPPER WITH SOLDERED WROUGHT FITTINGS.

2.02 PIPE HANGERS AND SUPPORTS:
PIPING SHALL BE INSTALLED WITHOUT UNDUE STRESS OR STRAIN ON JOINTS AND EQUIPMENT. HANGERS SHALL BE SECURELY ANCHORED TO BUILDING STRUCTURE. PIPE HANGERS SHALL BE INSTALLED AROUND THE INSULATION WHERE PIPES ARE INSULATED. INSTALL HANGER WITH SHEET METAL SADDLES TO PROTECT THE PIPE INSULATION TO KEEP THE INSULATION FROM CRUSHING.

MAKESHIFT, FIELD DEVISED METHODS OF PLUMBING PIPE SUPPORT, SUCH AS WITH THE USE OF SCRAP FRAMING MATERIALS, ARE NOT ALLOWED. SUPPORT AND POSITIONING OF PIPING SHALL BE BY MEANS OF ENGINEERED METHODS THAT COMPLY WITH IAPMO PS 42-96. THESE SHALL BE HUBBARD ENTERPRISES/HOLDRITE SUPPORT SYSTEMS OR ENGINEER-APPROVED EQUIVALENT.

2.03 FIXTURES:
ALL FIXTURES SHALL BE NEW, FIRST QUALITY, AND FREE FROM DEFECTS. FIXTURES SHALL BE FURNISHED COMPLETE WITH SUPPLY PIPES, STOP VALVES, TRAPS, FAUCETS, ESCUTCHEONS, HANGERS, SUPPORTS, ETC. ALL EXPOSED PIPING SHALL BE CHROME PLATED.

WHERE FIXTURES ARE INSTALLED IN CONTACT WITH WALLS OR FLOORS, SEAL THE SPACES AT THE OUTER EDGES OF FIXTURES IN CONTACT WITH WALLS OR FLOORS USING A NON-HARDENING BATHTUB CAULK, "SILASTIC" BY DOW-CORNING, OR APPROVED EQUAL.

ALL WALL MOUNTED FIXTURES SHALL BE EITHER MOUNTED ON HEAVY DUTY CONCEALED CARRIERS, HEAVY DUTY WALL MOUNTING BRACKETS WITH THRU WALL BOLTS AND BACK PLATES, OR HEAVY DUTY BRACKETS MOUNTED DIRECTLY TO CONCRETE-FILLED BLOCK WORK WITH STRUCTURAL FASTENERS OF THE "RED-HEAD" TYPE FASTENED INTO THE CONCRETE FILL. STANDARD LIGHT-WEIGHT PRESSED STEEL MOUNTING BRACKETS WITH SCREWS AND ORDINARY SHIELDS INTO THE SURFACE OF THE BLOCK WILL NOT BE ACCEPTABLE.

3.01 CLEANING, PAINTING, AND ADJUSTING:
AT THE COMPLETION OF THE WORK, ALL PARTS OF THE INSTALLATION SHALL BE THOROUGHLY CLEANED. ALL EQUIPMENT, PIPE, VALVES, AND FITTINGS SHALL BE CLEANED OF ALL GREASE, METAL CUTTINGS, AND SLUDGE WHICH MAY HAVE ACCUMULATED BY OPERATION OF THE SYSTEM FOR TESTING. ANY STOPPAGE, DISCOLORATION, OR OTHER DAMAGE TO PARTS OF THE BUILDING, ITS FINISH OR FURNISHINGS, DUE TO THE CONTRACTOR'S FAILURE TO PROPERLY CLEAN THE PIPING SYSTEM, SHALL BE REPAIRED BY THE PLUMBING CONTRACTOR WITHOUT COST TO THE OWNER. ALL FLUSH VALVES AND OTHER PARTS OF THE SYSTEM SHALL BE ADJUSTED FOR QUIET AND PROPER OPERATION.

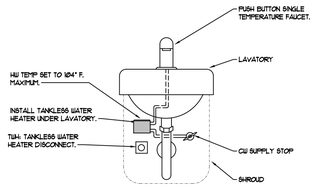
FIXTURES SHALL BE TESTED FOR SOUNDNESS, STABILITY OF SUPPORT, AND SATISFACTORY OPERATION OF ALL COMPONENT PARTS.

3.02 INSTRUCTION BOOKLETS:
CONTRACTOR SHALL FURNISH THE OWNER TWO COMPLETE SETS OF INSTRUCTION BOOKLETS REGARDING THE OPERATION AND MAINTENANCE OF ALL PLUMBING ITEMS OF EQUIPMENT INSTALLED UNDER THIS CONTRACT. BOOKLETS SHALL INCLUDE A COMPLETE PARTS LIST AND TECHNICAL DATA, INCLUDING PREVENTATIVE MAINTENANCE INSTRUCTIONS FOR ALL ITEMS OF EQUIPMENT.

EACH SET OF INSTRUCTION BOOKLETS SHALL BE NEATLY BOUND INTO A SINGLE UNIT AND PRESENTED TO THE OWNER PRIOR TO FINAL ACCEPTANCE OF THE JOB.

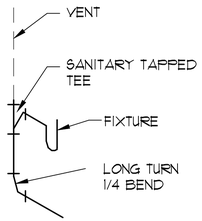
3.03 GUARANTEES AND WARRANTIES:
CONTRACTOR SHALL SERVICE AND MAINTAIN ALL EQUIPMENT INSTALLED BY HIM UNDER THIS CONTRACT FOR A LIKE PERIOD OF 12 MONTHS FROM THE DATE THE CERTIFICATE OF SUBSTANTIAL COMPLETION IS ISSUED, PERFORMING ALL REQUIRED SEASONAL MAINTENANCE.

CONTRACTOR SHALL GUARANTEE PLUMBING SYSTEMS AS INSTALLED BY HIM TO OPERATE QUIETLY, SAFELY, AND EFFICIENTLY.

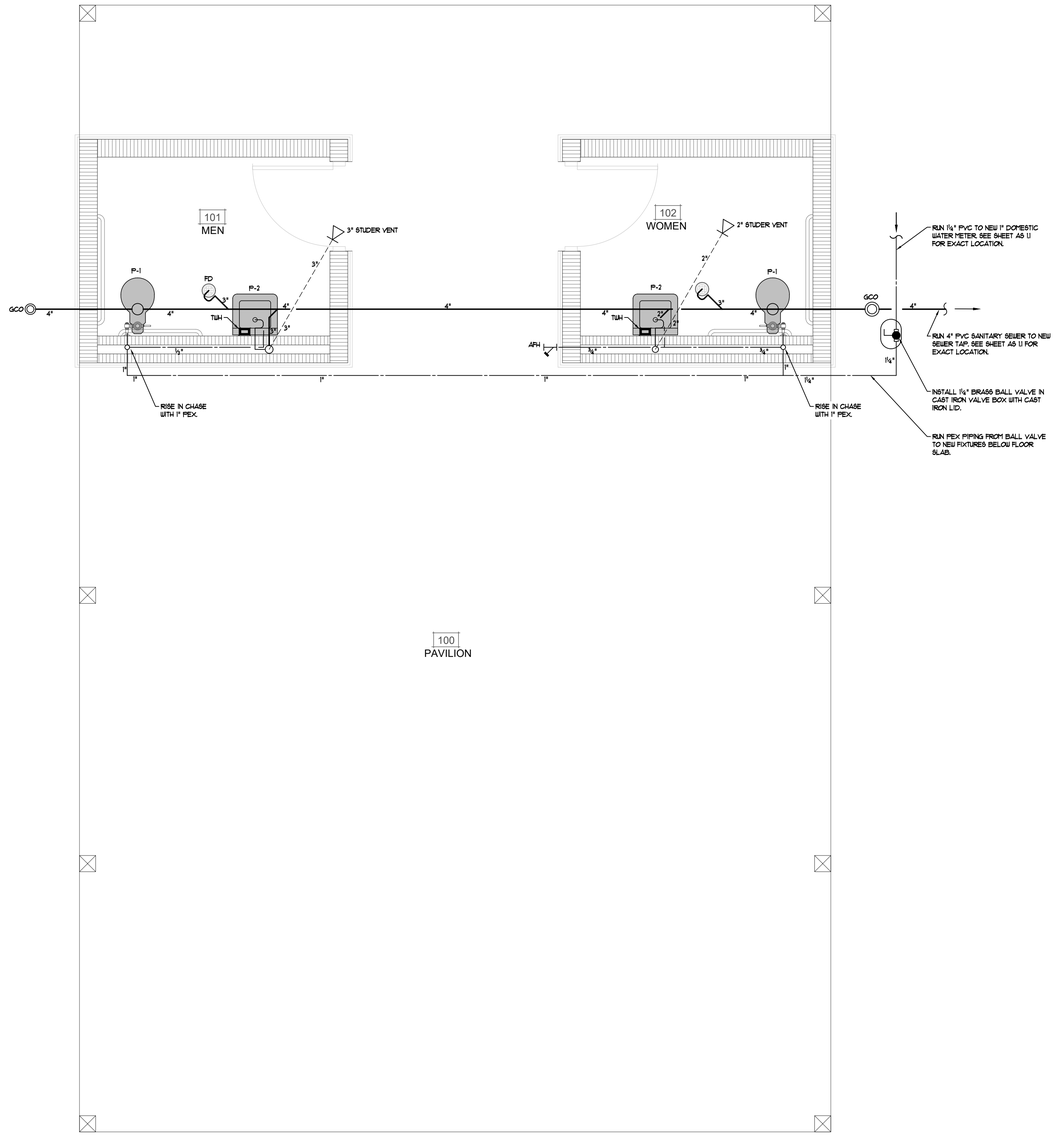


P-2

2 P1.1 Lavatory Detail



3 P1.1 Roughing Diagram



1 P1.1 Pavilion Plumbing Floor Plan
Scale: 3/8" = 1'-0" North

RS Bell ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
OCTOBER 2, 2023

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 12548 LOUIS C. BUSTO

SOUTH CAROLINA FELKEL & HASTINGS, CONSULTING MECHANICAL ENGINEERS No. C00429 CERTIFICATE OF AUTHORIZATION

FELKEL & HASTINGS
Mechanical Engineers
2725 Cypress Street
Columbia, SC 29205
Comm. No.: 23-52 Date: 6-8-23

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Pavilion
Floor Plan

Scale:
3/8" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

0 2 4 6
GRAPHIC SCALE: 3/8" = 1'-0"

Sheet:
P 1.1

HVAC GENERAL NOTES

1. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT PLACEMENT OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES. IF A PARTICULAR ITEM IS NOT SHOWN ON THE REFLECTED CEILING PLANS, COORDINATE ITS LOCATION WITH ALL DISCIPLINES.

2. COORDINATE WITH THE GENERAL CONTRACTOR THE EXACT LOCATION OF ALL CEILING PENETRATIONS. AVOID PENETRATING ANY STRUCTURAL MEMBERS UNLESS NOTED ON THE ARCHITECTURAL PLANS. WHERE CONFLICTS ARISE, THE MECHANICAL CONTRACTOR SHALL SUBMIT A DRAWING TO THE ENGINEER SHOWING HIS PROPOSED SOLUTION.

3. IF EQUIPMENT TO BE SUPPLIED BY CONTRACTOR IS DIFFERENT THAN THAT SPECIFIED IN PLANS OR SPECIFICATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL DISCIPLINES ANY CHANGES NEEDED BECAUSE OF UNIT SIZE, ROOF OPENING SIZE, WEIGHT, LOCATION, ELECTRICAL SERVICE, ETC.

4. COORDINATE VOLTAGE OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE SUBMITTING SHOP DRAWINGS OR ORDERING EQUIPMENT. ALL CONTROL WIRING FOR CONTROL COMPONENTS IS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR. IT IS HIS RESPONSIBILITY TO COORDINATE WITH HIS SUBCONTRACTORS TO ENSURE THAT THIS PRICE IS INCLUDED IN THE OVERALL MECHANICAL PRICE.

5. THE VENTILATION RATE PROCEDURE HAS BEEN USED TO ASSIGN ACCEPTABLE INDOOR AIR QUALITY PER ASHRAE 62-2019. THIS DESIGN SHOULD BE RE-EVALUATED, IF AT A LATER TIME, SPACE USE CHANGES OCCUR OR IF CONTAMINANTS ARE TO BE INTRODUCED OR UNUSUALLY STRONG SOURCES OF SPECIFIC CONTAMINANTS ARE TO BE INTRODUCED INTO THE SPACE.

OUTLINE SPECIFICATIONS

1. ALL WORK SHALL COMPLY WITH THE 2009 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE, THE 2021 EDITIONS OF THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL FUEL GAS CODE AND OTHER REQUIREMENTS OF NFPA, EPA AND ALL OTHER AUTHORITIES HAVING JURISDICTION OVER THIS WORK.

2. THE CONTRACTOR SHALL PAY ALL FEES AND SECURE ALL LICENSES AND PERMITS REQUIRED FOR THE WORK INDICATED ON THE MECHANICAL DRAWINGS.

3. ALL ROTATING PIECES OF MECHANICAL EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATORS SUITABLE FOR THE SPECIFIC APPLICATION. ISOLATORS MAY BE EITHER INTERNAL OR EXTERNAL AND EITHER SUPPLIED BY THE CONTRACTOR OR EQUIPMENT MANUFACTURER.

4. ALL MECHANICAL EQUIPMENT SHALL BE RESTRAINED TO RESIST SEISMIC FORCES. RESTRAINT DEVICES SHALL BE DESIGNED AND SELECTED FOR THE SPECIFIC APPLICATION TO MEET THE SEISMIC REQUIREMENTS AS DEFINED IN THE CURRENTLY ADOPTED ISSUE OF THE INTERNATIONAL BUILDING CODE. All EQUIPMENT SHALL HAVE AN Ip OF 1.0 WITH THE FOLLOW EXCEPTIONS, WHICH HAVE AN Ip OF 1.5: LIFE SAFETY EQUIPMENT.

5. ALL CONTROL ITEMS AND PIECES OF EQUIPMENT SHALL BE PERMANENTLY LABELED.

6. AS-BUILT PRINTS SHALL BE PROVIDED TO THE OWNER AT PROJECT CLOSEOUT.

7. A COMPLETE TEST AND BALANCE REPORT FOR ALL AIR SYSTEMS SHALL BE PROVIDED TO THE OWNER PRIOR TO PROJECT CLOSEOUT.

8. CONTRACTOR SHALL PROVIDE COMPLETE OWNER TRAINING FOR ALL MECHANICAL COMPONENTS.

9. CONTRACTOR SHALL PROVIDE 2 COPIES OF THE OPERATIONS AND MAINTENANCE MANUALS TO THE OWNER PRIOR TO PROJECT CLOSEOUT.

10. CONTRACTOR SHALL PROVIDE 1 YEAR GUARANTEE ON ALL EQUIPMENT AND WORK.

VENTILATING EQUIPMENT SCHEDULE

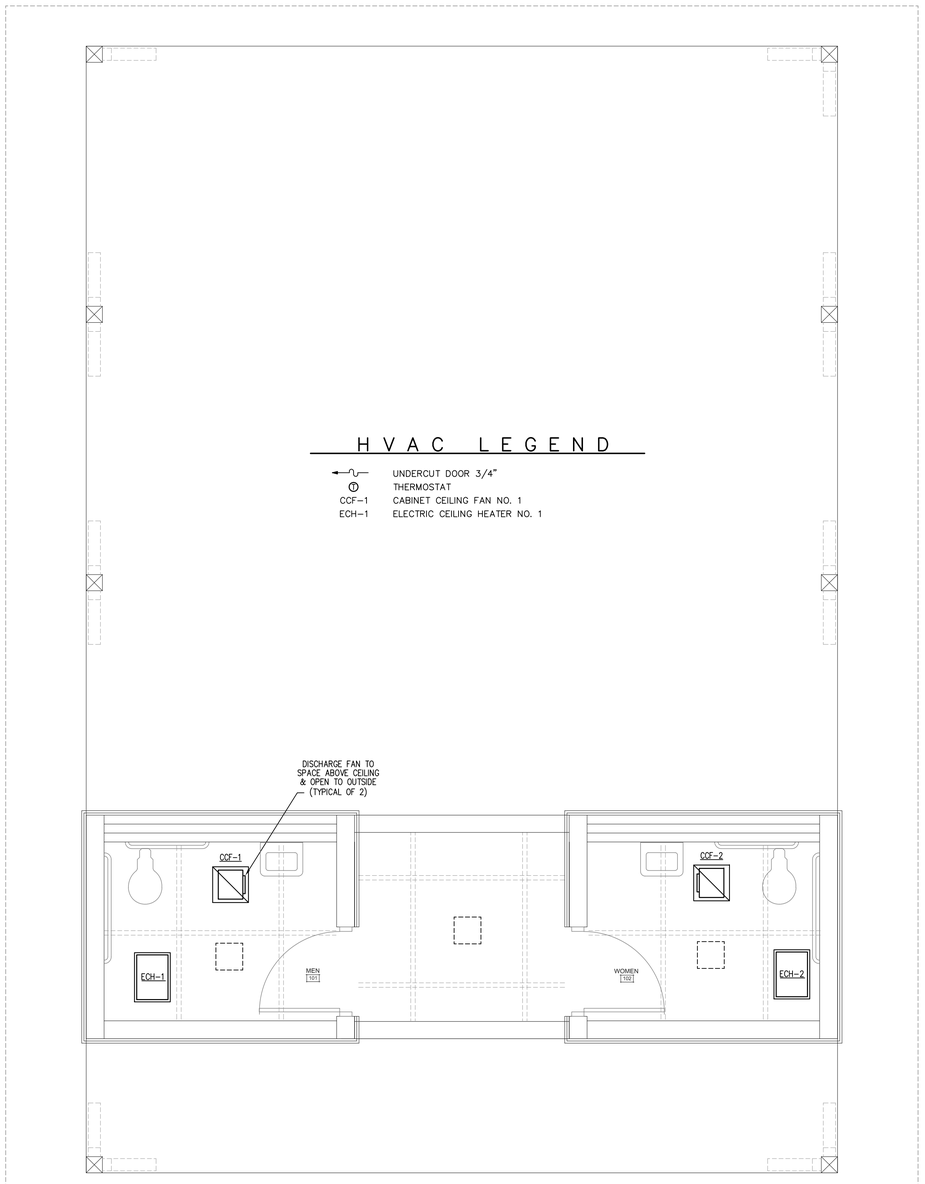
SYMBOL	MFGR.	MODEL NO.	FAN				MOTOR			CAPACITY		SPACES SERVED	TYPE FAN	CONTROLS	WEIGHT (LBS)	REMARKS
			TYPE	DIA.	RPM	MAX. SONES	NO. OF SPEEDS	HP OR AMPS	VOLTAGE CHAR.	CFM	S.P. (IN)					
CCF-1	GREENHECK	SP-A90	CENT.	--	870	1.0	1	0.14 AMPS	120-1-60	70	0.25	MEN 101	CABINET CEILING	LIGHT SWITCH	12	1, 2, 3
CCF-2	GREENHECK	SP-A90	CENT.	--	870	1.0	1	0.14 AMPS	120-1-60	70	0.25	WOMEN 102	CABINET CEILING	LIGHT SWITCH	12	1, 2, 3

1. FURNISH WITH DISCONNECT.
2. FURNISH WITH BACKDRAFT DAMPER.
3. FURNISH WITH HANGING VIBRATION ISOLATORS.

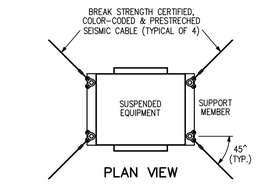
ELECTRIC HEATER SCHEDULE

SYMBOL	MFGR.	MODEL NO.	TYPE	INPUT KW	VOLTAGE CHAR.	STAGE	AMPS	WEIGHT (LBS.)	REMARKS
ECH-1	MARKEL	3380	CEILING	1.5	120-1-60	1	12.5	25	1, 2, 3
ECH-2	MARKEL	3380	CEILING	1.5	120-1-60	1	12.5	25	1, 2, 3

1. FURNISH WITH INTEGRAL DISCONNECT.
2. FURNISH WITH TAMPER-PROOF THERMOSTAT.
3. FURNISH WITH FULL RECESS MOUNTING KIT.

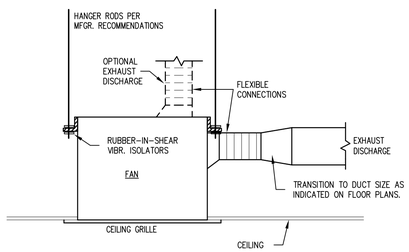


1 M1.1 HVAC Floor Plan
Scale: 3/8" = 1'-0"
North



REFER TO SEISMIC MANUFACTURER LITERATURE FOR BRACE SPACING, REQUIRED BRACE LOCATIONS, LOAD CALCULATION PROCEDURES, SIZING AND ALLOWABLE LOADS ON BRACE ASSEMBLIES AND FASTENERS.

SUSPENDED EQUIPMENT SWAY BRACING DETAIL
NOT TO SCALE



CEILING CABINET FAN DETAIL
NOT TO SCALE

R S Bell
ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 12548 LOUIS C. BISTO

SOUTH CAROLINA FELKEL & HASTINGS, CONSULTING MECHANICAL ENGINEERS No. C00429 CERTIFICATE OF AUTHORIZATION

FELKEL & HASTINGS
Mechanical Engineers
2725 Cypress Street
Columbia, S.C. 29205
Comm. No.: 23-52 Date: 10-02-23

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

HVAC Floor Plan, Schedules, Notes & Outline Spec

Scale:
As Noted

Project No. : 23-035
File No. : 68-979904

Revisions:

0 2 4 6
GRAPHIC SCALE: 3/8" = 1'-0"

Sheet:
M1.1 of 1

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	CEILING MOUNTED LIGHTING FIXTURE, SEE LIGHTING FIXTURE SCHEDULE
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. MOUNT 18" AFF.
	PANELBOARD

GENERAL ELECTRICAL NOTES

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

G2. CONSULT THE MECHANICAL DRAWINGS IN DETAIL FOR THE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT PRIOR TO ANY ROUGHING–IN. ALL MECHANICAL EQUIPMENT SHALL BE ROUGHED–IN AND WIRED ACCORDING TO SHOP DRAWINGS. PRIOR TO ROUGH–IN COORDINATE WITH MECHANICAL CONTRACTOR TO VERIFY ALL ELECTRICAL LOAD REQUIREMENTS.

G3. ALL ELECTRICAL APPARATUS SHOWN ON THESE DRAWINGS SHALL BE UL LISTED, SPECIFICATION GRADE AND SHALL COMPLY WITH ALL LOCAL AND NATIONAL CODES.

G4. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE–RESISTANT WALL, FLOOR OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL CIRCUITS, TELEPHONE, TELEVISION OR LOCAL COMMUNICATION AND/OR SIGNAL CIRCUITS, THE OPENING AROUND THE RACEWAY(S) SHALL BE FIRE STOPPED BY A "UL" TESTED SYSTEM FOR THE TYPE CONSTRUCTION AND WALL MATERIAL AS OUTLINED IN THE INTERNATIONAL BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THE FIRE STOPPING IS ACCOMPLISHED.

G5. ALL CONDUIT AND CABLE SHALL BE INSTALLED ABOVE CEILINGS, IN WALLS, OR BELOW FLOORS, EXCEPT IN EQUIPMENT ROOMS WHERE EXPOSED CONDUIT IS ACCEPTABLE.

G6. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES.

G7. EQUIPMENT SHALL BE SUITABLE FOR ITS APPLICATION (E.G. WHEN INSTALLED OUTDOORS, IT SHALL BE WEATHERPROOF, ETC.)

G8. ALL MECHANICAL EQUIPMENT SHALL BE WIRED THROUGH A DISCONNECT SWITCH THAT IS INTEGRAL TO THE UNIT, OR LOCATED ON OR IMMEDIATELY ADJACENT TO THE EQUIPMENT BEING SERVED. THIS SWITCH SHALL BE RATED ACCORDING TO THE MECHANICAL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

G9. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY TO PROVIDE A COMPLETE AND PROPERLY FUNCTIONING ELECTRICAL SYSTEM.

G10. ALL MATERIAL, EQUIPMENT, AND DEVICES SHALL BE NEW.

G11. COORDINATE THE EXACT LOCATION OF LIGHT FIXTURES WITH THE ARCHITECT.

G12. NEUTRALS ON BRANCH CIRCUITS SHALL NOT BE SHARED. EACH BRANCH CIRCUIT WILL BE SUPPLIED WITH ITS OWN DEDICATED NEUTRAL.

G13. CONTRACTOR TO LABEL ALL PANELS WITH ENGRAVED PHENOLIC TAGS. LETTERS TO BE MINIMUM ¼" HIGH, BLACK LETTERS ON WHITE BACKGROUND.

G14. ALL SWITCHES INSTALLED ON THIS JOB SHALL BE RATED AT 20 AMPS UNLESS OTHERWISE INDICATED ON PLANS.

G15. DURING CONSTRUCTION OPERATIONS THE ELECTRICAL CONTRACTOR SHALL FAITHFULLY MAKE A RECORD OF ALL APPROVED CHANGES FROM THE CONTRACT DRAWINGS, INCLUDING ACCURATE DIMENSIONS WHERE APPLICABLE, AND SHALL ALSO RECORD ACCURATE DIMENSIONS LOCATING ALL BELOW GRADE OUTSIDE ELECTRICAL UTILITIES WITH REFERENCE TO PERMANENT ABOVE GRADE OBJECTS. AT THE COMPLETION OF WORK ALL SUCH CHANGES SHALL BE RECORDED NEATLY WITH RED INK BY THE ELECTRICAL CONTRACTOR ON AN UNUSED SET OF ELECTRICAL CONTRACT DRAWINGS AND RETURNED TO THE ARCHITECT.

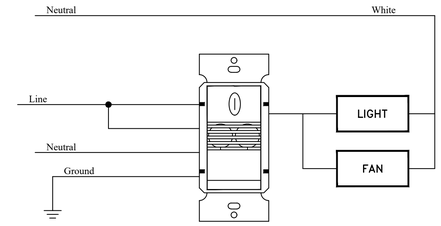
G16. ALL CONDUCTORS SHALL BE RUN IN RIGID CONDUITS, EMT, OR MC CABLE PER CONDUIT INSTALLATION SCHEDULE.

CONDUIT INSTALLATION OF SCHEDULE

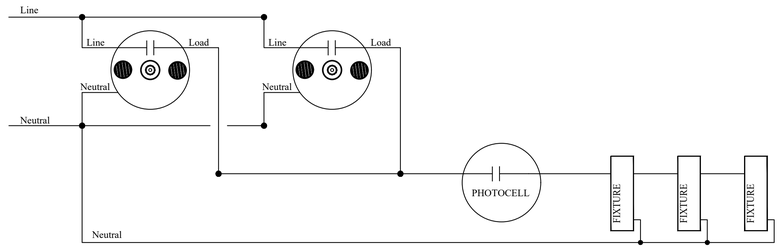
A. Installations In or Under Concrete Slab: Schedule 40 PVC.
B. Underground not covered or encased in concrete: Schedule 80 PVC
C. Exposed Outdoor Locations: Intermediate galvanized steel conduit (IMC).
D. Wet Interior Locations: Intermediate galvanized steel conduit (IMC).
E. Concealed Dry Interior Locations: MC CABLE (MC).
F. Exposed Dry Interior Locations: Electric Metallic Tubing (EMT).

Home runs from each interior space to be in EMT. MC cable may be used from junction boxes in each space to receptacles and lighting within that space.

SINGLE POLE OCCUPANCY SENSOR WIRING TYPE OS



B / E1 OS SENSOR WIRING DIAGRAM
SCALE: NTS



C / E1 CONNECTION DIAGRAM FOR SENSOR TYPE DT AND PHOTOCELL
SCALE: NTS

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	TOTAL WATTAGE
A	10"X10" VANDAL RESISTANT LED LIGHTING FIXTURE WITH 4000'k COLOR TEMP AND 3600 LUMEN OUTPUT	LEGION	131–036L–40–UVP–UNV–BZ	(1) LED	36 WATTS

LIGHTING CONTROLS SCHEDULE

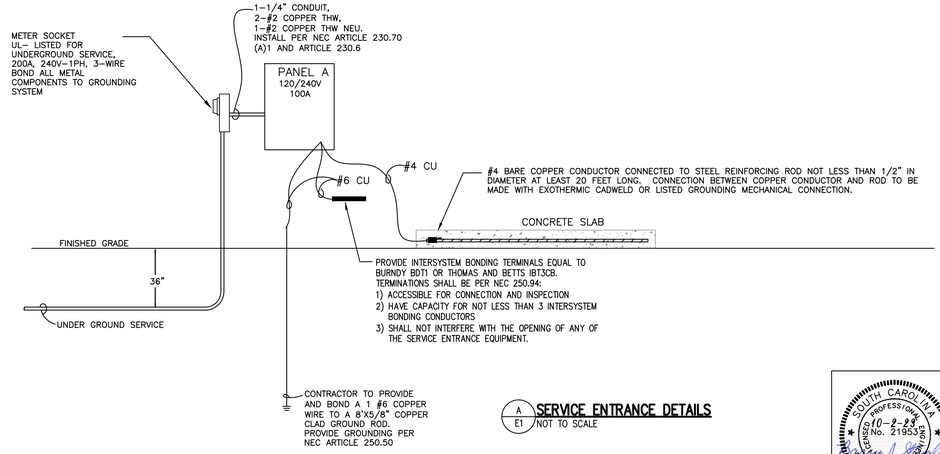
SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
OS	DUAL TECHNOLOGY ULTRASONIC AND PASSIVE INFRARED WALL SWITCH OCCUPANCY SENSOR WITH SINGLE RELAY.	WATT STOPPER	DSW–100 (120VAC)
DT	CEILING MOUNTED DUAL TECHNOLOGY LINE VOLTAGE OCCUPANCY SENSOR	WATT STOPPER	DT–355

PANEL A

VOLTAGE: 120/240 VOLTS
PHASE–WIRE: 1 PHASE – 3 WIRE
MAIN TYPE: MCB
MAIN SIZE: 100 AMPS
INTERRUPT: 10,000 AIC
MOUNTING: SURFACE
BUS TYPE: COPPER

DESCRIPTION	POLE	WIRE AWG	TRIP AMPS	CCT NO.	PHASE LOADS Aø	PHASE LOADS Bø	CCT NO.	TRIP AMPS	WIRE AWG	POLE	DESCRIPTION
CEILING HEATER MENS	1	12	20	1	1.5 / 0.6		2	20	12	1	RECEPTACLES
CEILING HEATER WOMENS	1	12	20	3		1.5 / 0.3	4	20	12	1	LIGHTING
WATER HEATER MENS–TWH	1	8	40	5	3.6 / –		6	20	–	1	SPARE
WATER HEATER WOMENS–TWH	1	8	40	7		3.6 / –	8	20	–	1	SPARE
SPARE	1	–	20	9	– / –		10	20	–	1	SPARE
SPARE	1	–	20	11		– / –	12	20	–	1	SPARE
SPACE ONLY	1	–	–	13	– / –		14	–	–	1	SPACE ONLY
SPACE ONLY	1	–	–	15		– / –	16	–	–	1	SPACE ONLY
SPACE ONLY	1	–	–	17	– / –		18	–	–	1	SPACE ONLY
SPACE ONLY	1	–	–	19		– / –	20	–	–	1	SPACE ONLY
TOTAL KVA PER PHASE					5.7	5.4					
AMPS PER PHASE					48	45					

NOTES:
1) PANEL RATED FOR SERVICE ENTRANCE
2) NEMA–3R ENCLOSURE
3) –



A / E1 SERVICE ENTRANCE DETAILS
NOT TO SCALE

RS Bell ARCHITECTS LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

Pavilion For:
Westend Park
City of Sumter

W Oakland Ave.
Sumter, South Carolina

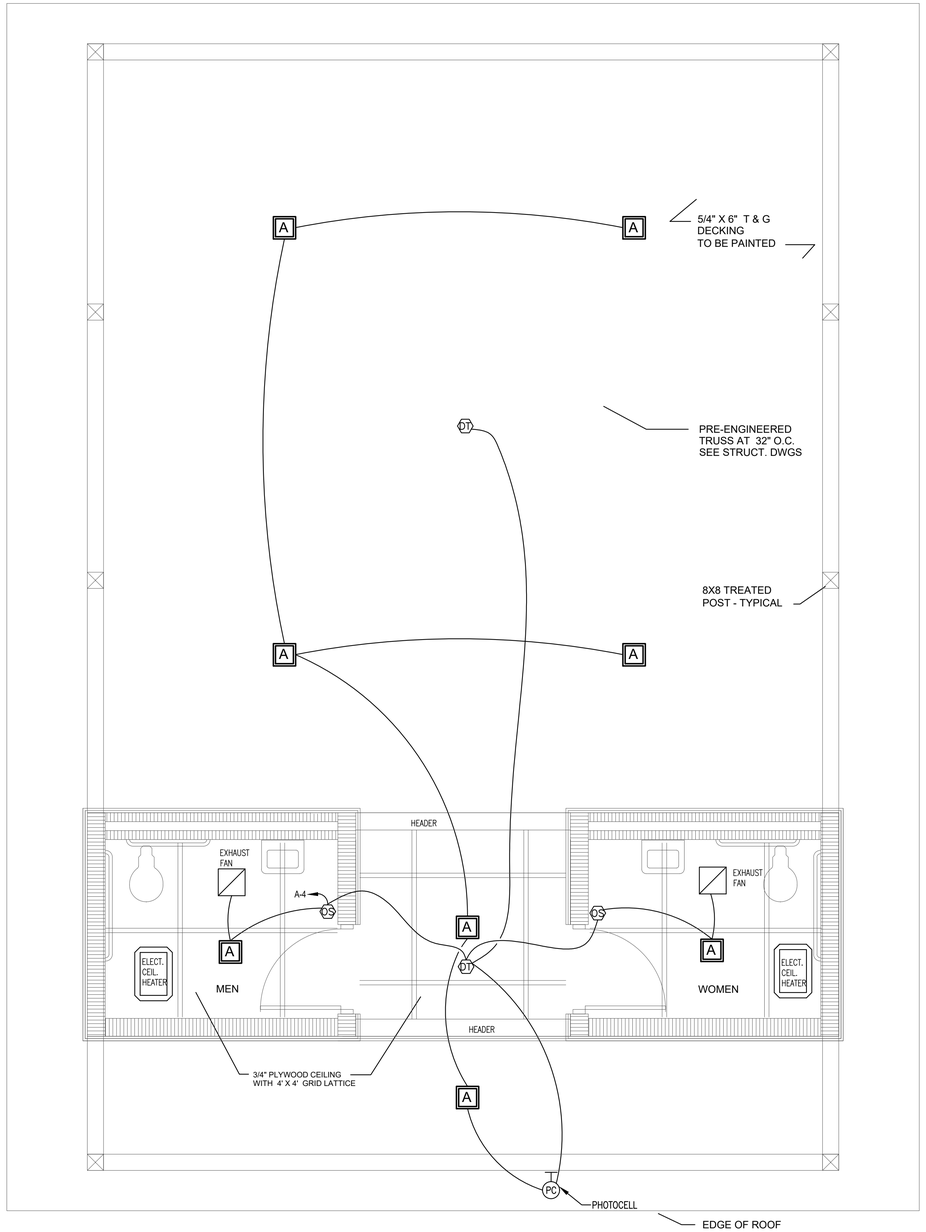
Electrical
Notes & Riser

Scale:
NTS

Project No. : 23-035
File No. : 68-979904

Revisions:

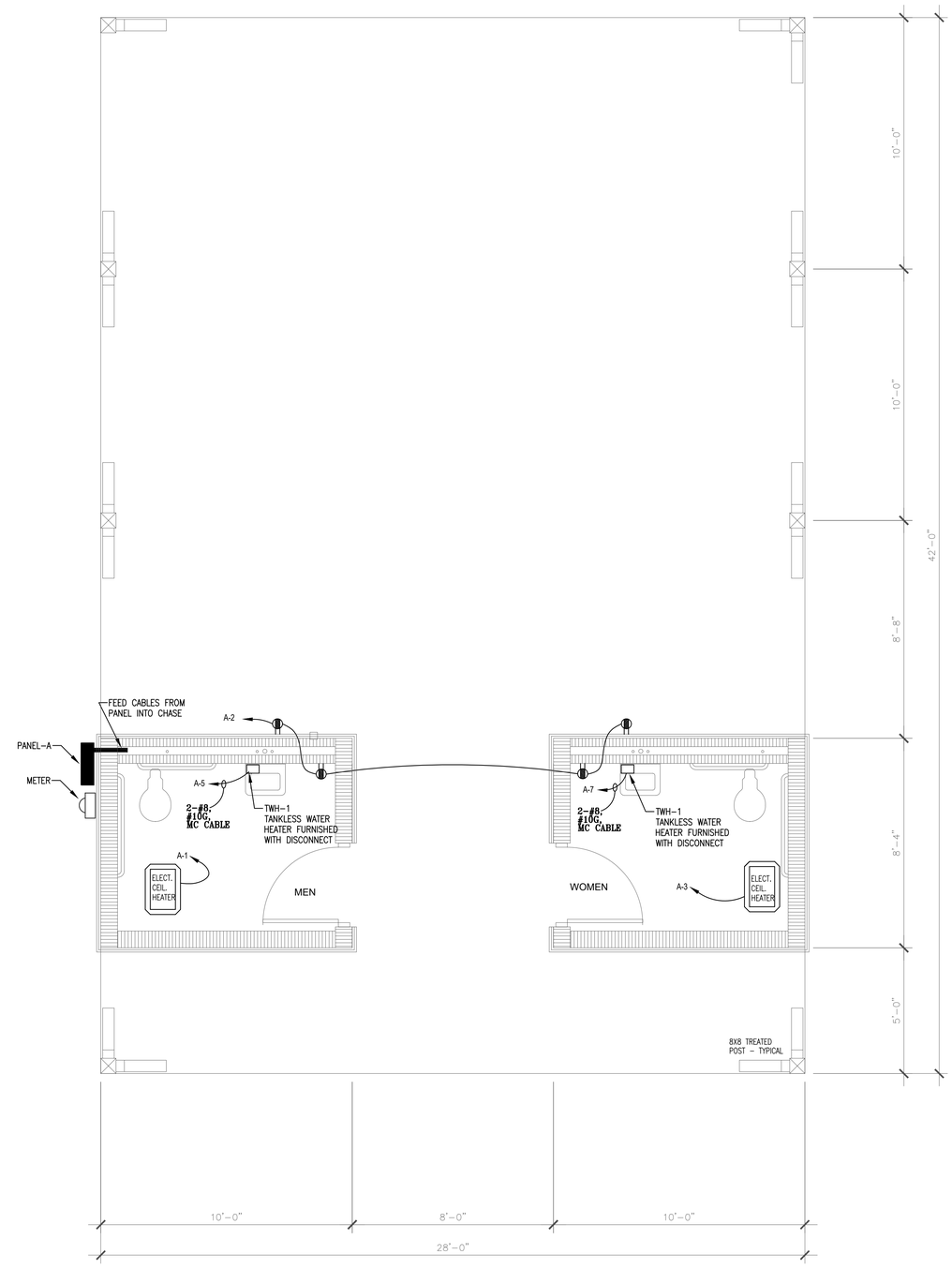
SOUTH CAROLINA PROFESSIONAL ENGINEER 10-2-23 No. 21953 HARRY JOE STANLEY
Stanley Engineering
STANLEY ENGINEERING, LLC
1025 Oak Brook Blvd.
Sumter, SC 29150
(803) 840–1138
SOUTH CAROLINA STANLEY ENGINEERING, LLC. No. C03001 CERTIFICATE OF AUTHORIZATION



1 E2 Pavilion Lighting Plan

Scale: 3/8" = 1'-0"

North



2 E2 Pavilion Power Plan

Scale: 3/8" = 1'-0"

North

RS Bell
ARCHITECTS
LLC
134 N. Main Street
Sumter, South Carolina
803 774-3025

Date:
October 2, 2023

Pavilion For:

Westend Park

City of Sumter

W. Oakland Ave.
Sumter, South Carolina

Electrical
Lighting &
Power Plan

Scale:
3/8" = 1'-0"

Project No. : 23-035
File No. : 68-979904

Revisions:

0 2 4 6
GRAPHIC SCALE: 3/8" = 1'-0"

Stanley Engineering
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SOUTH CAROLINA PROFESSIONAL ENGINEER
10-2-23
No. 21953
REGINALD JOE STANLEY

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

E-2 of 2