

May Park

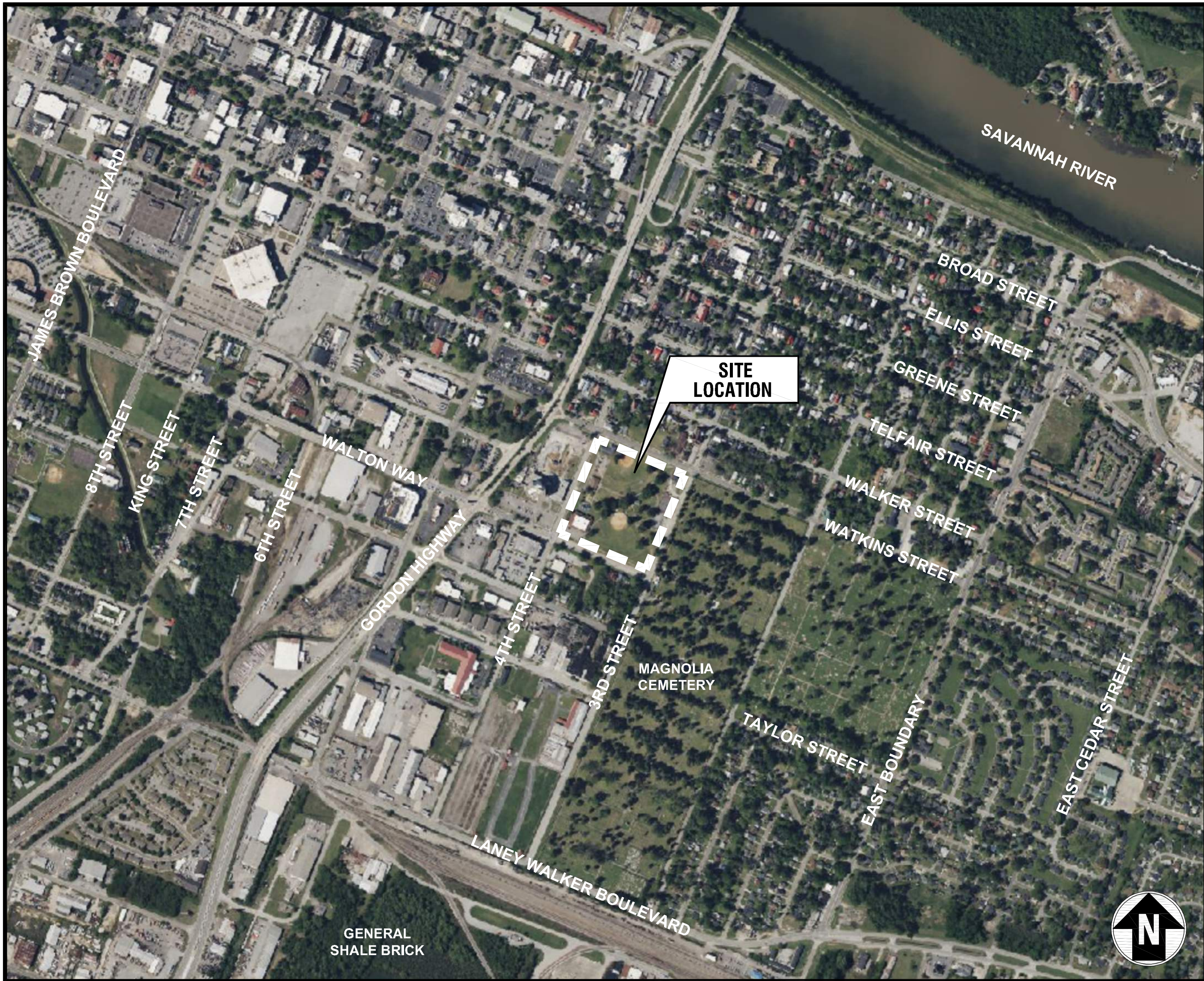
May Park - Park Improvements
622 Fourth Street, Augusta, GA 30901

Construction Documents - Permit / Bid Set

January 30, 2026 (Permit / Bid Set)

Approval by Augusta, Georgia is for the improvements shown in the Site Plan. Any variation from the approved Site Plan must be approved by the City.

This property is located in ZONE X per FEMA NFIP Flood Insurance Rate Map 130158, panel 0130 and are protected from the 1-percent-annual-chance or greater flood hazard by levee system. Overtopping or failure of any levee system is possible. Additional information can be found in the FEMA "Accredited Levee Note" in the Notes to Users.



SITE VICINITY MAP

SCALE: Not to Scale

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Storm Water Quality IMP List

		Area Draining to Each IMP			Storage Volume Provided by IMP (cf)
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)	
IMP 1	Permeable Paver/Pervious Concrete/Porous Asphalt (w/o underdrain)	0.42	0.03		2,619.84
IMP 2	Bioretention Basin (w/o underdrain)	0.57	0.01		47.49
IMP 3	Bioretention Basin (w/o underdrain)	0.09	0.02		85.60
IMP 4	Bioretention Basin (w/o underdrain)	0.03	0.01		156.00
IMP 5	Bioretention Basin (w/o underdrain)	0.18	0.18		537.82
IMP 6	Bioretention Basin (w/o underdrain)	0.04	0.07		0.22
IMP 2	Bioretention Basin (w/o underdrain)	0.39	0.57		2,546.60
IMP 8	Bioretention Basin (w/o underdrain)	0.06			425.00
IMP 9	Dry Enhanced Swales (w/o underdrain)	0.25	0.01		81.00

*See May Park Improvements Hydrology Report dated January 30, 2026 for map and location of IMP's listed.

24 HR LOCAL EMERGENCY CONTACT
ANTHONY E. (TONY) WILLIAMS SR.
INFRASTRUCTURE SYSTEMS MANAGEMENT
PHONE: (706)–877–1884
EMAIL: AEWILLIAMS@SMILLC-ENGR.COM

(CONTRACTOR'S NAME) (PHONE NUMBER)
NOTE: CONTRACTOR TO PROVIDE UPDATED INFORMATION ONCE CONTRACT IS AWARDED.

OWNER: AUGUST PARKS AND RECREATION DEPARTMENT
NAME: ALPHONZA C. WILLIAMS
ADDRESS: 2027 LUMPKIN ROAD AUGUSTA, GA, 30906
PHONE: (706)796-4084

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

COVER SHEET

Designed By: SDW	Drawn By: XXX	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale:

DATED JUNE 1999

DEVELOPMENT DOCUMENT #15
AUGUSTA-RICHMOND COUNTY, GEORGIA
JUNE 1999
RIGHTS OF WAY ENCROACHMENT GUIDELINES

1. TITLE.
THIS ARTICLE WILL BE KNOWN AS THE "AUGUSTA, GEORGIA RIGHTS OF WAY ENCROACHMENT GUIDELINES." THIS ARTICLE IS A SUPPORT DOCUMENT TO TITLE 7-CHAPTER 3-ARTICLE 3 "EXCAVATIONS" AND ARTICLE 4 "USE OF COUNTY RIGHTS OF WAY"

- A. DEFINITIONS.
- B. ACTIVE PROJECT - A UTILITY ACTIVITY THAT HAS BEEN PERMITTED THAT IS WITHIN THE TIME PERIOD FROM THE 'BEGINNING OF WORK' UNTIL THE EXPIRATION OF THE 18-MONTH 'WARRANTY' PERIOD.
- B. APPLICANT - THE INDIVIDUAL OR THE AGENCY HE REPRESENTS THAT HAS COMPLETED AND SIGNED THE 'APPLICATION AND PERMIT FOR UTILITY FACILITY'.
- C. APPLICATION AND PERMIT FORM - THE APPLICATION FORM.
- C. APPLICATION AND PERMIT FOR UTILITY FACILITY ENCROACHMENT - A FORM PROVIDED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING THAT IS TO BE FILLED OUT BY THE APPLICANT AND SIGNED BY THE CITY ENGINEER THAT THE UTILITY PROJECTS ARE IN ACCORDANCE WITH THE CITY ENGINEER'S REQUIREMENTS AND SHALL SERVE AS THE PERMIT.
- D. BEGINNING OF WORK - THE INITIAL ACTIVITY SHALL BE PART OF AN APPROVED PERMIT AS DETERMINED BY THE CITY ENGINEER.
- E. CITY ENGINEER - THE CITY ENGINEER SHALL INCLUDE THE CITY ENGINEER OR ONE OF HIS DESIGNATED REPRESENTATIVES WHICH INCLUDES, BUT IS NOT LIMITED TO, THE CITY ENGINEER'S DEPUTY.
- F. PERMIT - THE 'APPROVED APPLICATION FACILITY' THAT IS SIGNED BY THE CITY ENGINEER.
- F. UTILITY COMPANY - ANY ENTITY INSTALLING A UTILITY FACILITY. THIS SHALL INCLUDE ALL SUBCONTRACTORS PERFORMING WORK FOR THE UTILITY COMPANY.
- G. UTILITY ACTIVITY - ANY ACTIVITY THAT OCCURS ON A SITE THAT IS IN CONFORMANCE WITH AN APPROVED PERMIT. THIS CAN INCLUDE UTILITY LOCATIONS, TRAFFIC CONTROL, EROSION CONTROL, ETC.
- H. EXPIRATION PERIOD - THE PERIOD OF TIME FROM THE ACCEPTANCE OF COMPLETED PERMITTED WORK TO THE END OF AN 18-MONTH PERIOD.
- I. WORKING DAY - THIS SHALL INCLUDE ANY DAY, MONDAY THROUGH FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS, FROM 8:30 A.M. TO 5:00 P.M.

THIS ARTICLE SHALL APPLY TO ANY ENCROACHMENT WITHIN CITY RIGHT OF WAY UNDERTAKEN BY ANY PERSON EXCEPT FOR THE FOLLOWING:

- A. PROJECTS OPERATING WITH AN APPROVED SITE PLAN. THIS DOES NOT INCLUDE PROJECTS OPERATING WITH AN APPROVED GRADING PERMIT.
- B. SHORT SIDE TAPS WITHIN AN APPROVED SUBDIVISION DEVELOPMENT.
- C. INDIVIDUAL RESIDENTIAL TAPS THAT DO NOT REQUIRE CROSSING OR ENCROACHING THE ROADWAY. MULTIPLE RESIDENTIAL TAPS ON THE SAME STREET WILL REQUIRE A PERMIT.
- D. INDIVIDUAL AERIAL SERVICE TAPS.

- NO ENCROACHMENT OR EXCAVATION SHALL BEGIN WITHIN ANY PUBLIC RIGHTS OF WAY (STREET, ROAD, ALLEY, LANE OR OTHER PUBLIC THOROUGHFARE) OF AUGUSTA, GEORGIA UNTIL THE FOLLOWING REQUIREMENTS HAVE BEEN MET.

A. FINANCIAL SECURITY: THE CONTRACTANT MUST PROVIDE PROOF OF FINANCIAL SECURITY IN THE AMOUNT OF THREE THOUSAND DOLLARS (\$3,000) FOR EACH OF (1) TO (3) THREE ACTIVE PROJECTS, FIVE THOUSAND DOLLARS (\$5,000) FOR FOUR (4) TO FIVE (5) ACTIVE PROJECTS, AND TEN THOUSAND DOLLARS (\$10,000) FOR SIX (6) OR MORE ACTIVE PROJECTS AS APPROVED BY THE CITY ENGINEER. AN "ACTIVE PROJECT" IS DEFINED AS ONE THAT IS WITHIN THE TIME PERIOD FROM THE BEGINNING OF WORK UNTIL THE EXPIRATION OF THE 18-MONTH WARRANTY PERIOD. THE BEGINNING OF WORK IS DEFINED AS THE INITIAL ACTIVITY ON THE SITE AS APPROVED BY THE CITY ENGINEER. THE 18-MONTH WARRANTY PERIOD BEGINS AFTER FINAL ACCEPTANCE OF THE PERMITTED WORK. THE FOLLOWING THREE FORMS OF PROOF OF A FINANCIAL SECURITY ARE ACCEPTABLE:

1. LETTER OF ESCROW - A LETTER OF ESCROW FROM A CHARTERED STATE OR NATIONAL BANK OR SAVINGS AND LOAN INSTITUTION WHICH CONFIRMS AN ESCROW DEPOSIT BY THE CONTRACTOR OR APPLICANT DESIGNATING THE CITY OF AUGUSTA, GEORGIA AS THE OBLIGEE.
2. LETTER OF CREDIT FROM A CHARTERED STATE OR NATIONAL BANK OR SAVINGS AND LOAN INSTITUTION WHICH DESIGNATES THE CITY OF AUGUSTA, GEORGIA AS THE OBLIGEE.
3. PERMIT BOND - A PERMIT BOND FROM AN AUTHORIZED BONDING AGENCY WHICH DESIGNATES THE CITY OF AUGUSTA, GEORGIA AS THE OBLIGEE. THE BOND SHALL HAVE A CONTINUOUS BEGINNING DATE, AND ONLY THE CITY ENGINEER CAN RELEASE THE BOND.
- B. SUBMITTAL PACKAGE APPROVAL
1. APPLICATION AND PERMIT FOR UTILITY FACILITY ENCROACHMENT - THIS FORM IS PROVIDED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AND SHALL BE COMPLETED BY THE APPLICANT. THE FORM SHALL BE RETURNED TO THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING FOR REVIEW. THE APPLICATION IS NOT VALID UNTIL SIGNED BY THE CITY ENGINEER AT WHICH TIME THE APPLICATION FORM WILL SERVE AS THE PERMIT.

2. PLANS - TWO SETS OF PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER PROVIDING THE DETAILS REGARDING THE PROPOSED UTILITY INSTALLATION AND/OR REPAIR. THE PLANS SHALL SHOW THE TYPE, LOCATION, DEPTH, ETC. OF THE PROPOSED ACTIVITIES, AND THE PLANS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE LOCATION OF EXISTING UTILITIES, REFERENCES IN RELATION TO EXISTING EDGES OF PAVEMENT AND/OR BACKS OF CURBS, DIMENSIONS, RIGHTS OF WAY, ETC. THE PLANS SHALL SHOW ANY PROPOSED ROAD JACK OR BORE LOCATIONS AND DETAILS AND ANY PROPOSED TRAFFIC/FLOW ALTERATIONS SUCH AS LANE CLOSURES OR DETOURS. APPROVAL OF THE APPLICATION DOES NOT GRANT APPROVAL OF THE PROPOSED TRAFFIC/FLOW ALTERATION. THAT APPROVAL PROCESS IS DISCUSSED IN SECTION IV.A. REQUEST FOR TRAFFIC/FLOW ALTERATION OF THIS ARTICLE.

3. VERIFICATION OF FINANCIAL SECURITIES: VERIFICATION OF A FINANCIAL SECURITY ON AN ADEQUATE AMOUNT BASED ON THE NUMBER OF ACTIVE PROJECTS PERMITTED TO STOP WORK SHALL BE REQUIRED FOR APPLICATION IF THIS IS AN INITIAL SUBMISSION OR AN ENFORCEMENT. THE PERSON SIGNING THE SECURITY AND THE UTILITY APPLICATION SHALL BE THE SAME.
- PERMIT VALIDATION - THE PERMIT SHALL BE ON SITE AT ALL TIMES IN A WEATHER PROTECTED LEGIBLE STATE. FAILURE TO PRODUCE THE PERMIT SHALL BE CAUSE FOR IMMEDIATE STOP WORK. THE PERMIT SHALL BE VALIDATED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING. THE PERMIT SHALL BE REISSUED WITHIN THIRTY (30) DAYS OF THE DATE OF THE VIOLATION. IF THE VIOLATION IS NOT CORRECTED WITHIN THIRTY (30) DAYS, THE PERMIT WILL BE REVOKED. THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF THE PERMIT REISSUE. THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF THE PERMIT REISSUE.
- THIRD PARTY ACKNOWLEDGEMENT: THE RESULTS OF THE THIRD PARTY ACKNOWLEDGEMENT SHALL BE USED TO DETERMINE THE DISAPPROVAL.

1. NOTIFICATION.
A. REQUEST FOR TRAFFIC FLOW ALTERATION
1. DETOURS AND ROAD CLOSURES - A REQUEST FOR A DETOUR SHALL BE SUBMITTED, IN WRITING, TO THE CITY ENGINEER. UPON THE DETERMINATION BY THE CITY ENGINEER THAT A DETOUR IS REQUIRED AND NO VIABLE ALTERNATIVE IS AVAILABLE, A DETAILED TRAFFIC CONTROL/DETOUR PLAN SHALL BE RECEIVED BY THE CITY ENGINEER (2) WEEKS PRIOR TO THE EXPECTED DATE THE DETOUR IS TO BEGIN. WRITTEN APPROVAL BY THE CITY ENGINEER WILL BE REQUIRED PRIOR TO IMPLEMENTING ANY DETOUR. AFTER APPROVAL, PUBLIC NOTIFICATION IN THE FORM OF PRESS RELEASES REGARDING THE DETOUR WILL BE HANDLED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING.

2. LANE CLOSURES - APPROVAL FOR ALL LANE CLOSURES SHALL BE OBTAINED FROM THE CITY ENGINEER. LANE CLOSURE REQUESTS SHALL BE RECEIVED BY THE CITY ENGINEER A MINIMUM OF FORTY-EIGHT (48) HOURS IN ADVANCE OF THE EXPECTED DATE AND TIME OF THE LANE CLOSURE. ANY REQUIRED PUBLIC NOTIFICATION IN THE FORM OF PRESS RELEASES WOULD BE DETERMINED AND HANDLED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING. IN EMERGENCY OR ROUTINE MAINTENANCE SITUATIONS REQUIRING SHORT DURATIONS, AS DEFINED IN THE MUTCD, A NOTIFICATION WILL NOT BE NECESSARY. HOWEVER, WHENEVER PRACTICAL, THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SHOULD BE NOTIFIED.

B. COMMENCEMENT OF WORK: THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SHALL BE NOTIFIED AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK. THE NOTIFICATION SHALL BE IN WRITING AND SHALL BE DELIVERED TO THE CITY ENGINEER, CITY OF JACKSON, MISSISSIPPI, PRIOR TO EXCAVATING AUGUSTA, GEORGIA. NOTICE SHALL BE GIVEN BY THE APPLICANT PRIOR TO BEGINNING ANY BACKFILL OPERATION OR ANY CONCRETE OR ASPHALT PLACEMENT IN ANY CITY ROADWAY OR IN CONJUNCTION WITH ANY ACTIVITY THAT BY IMPROPERLY BACKFILLING COULD CAUSE A PUBLIC SAFETY HAZARD OR CREATE A MAINTENANCE PROBLEM. ANY BACKFILL ACCOMPLISHED WITHIN THIS MINIMUM ONE (1) HOUR ADVANCE NOTICE SHALL BE REMOVED IN ITS ENTIRETY, THE APPLICANT SHALL BE RESPONSIBLE FOR THE REMOSSION FROM THE CITY ROADWAY. THE CITY ENGINEER SHALL BE NOTIFIED BY THE APPLICANT PRIOR TO ANY BACKFILL OPERATION FROM BACKFILLING OR PLACING ASPHALT OR CONCRETE IF THE CITY ENGINEER HAS BEEN PROPERLY NOTIFIED AND IS NOT ON SITE WITHIN ONE HOUR.

C. INTERMITTENT NOTIFICATION REQUIREMENTS - ANYTIME THAT THE PERMITTED WORK IS TO BE SUSPENDED FOR MORE THAN THREE (3) WORKING DAYS, THE APPLICANT SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING A MINIMUM OF ONE (1) WORKING DAY PRIOR TO THE SUSPENSION. THE APPLICANT SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE PERMIT AND SHALL BE REQUIRED TO PROVIDE A MINIMUM OF TWENTY-FOUR (24) HOURS PRIOR TO BEGINNING ANY ROADWAY, JACK AND/OR BORE ACTIVITIES. THIS INCLUDES EXCAVATING THE JACK OR BORE PIT.

- D. COMPLETION OF WORK - THE APPLICANT SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AS SOON AS PRACTICAL AFTER COMPLETION OF PERMITTED WORK WHICH SHALL BE NO MORE THAN ONE (1) WORKING DAY. THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SHALL HAVE UP TO THREE (3) WORKING DAYS AFTER NOTIFICATION OF COMPLETION TO INSPECT THE COMPLETED WORK. UPON ACCEPTANCE OF THE PERMITTED WORK, THE 18-MONTH WARRANTY

PERIOD WILL COME.

E. **REGULAR WORKING HOURS** - THE COST OF INSPECTION BY THE CITY OF AUGUSTA, GEORGIA BEFORE OR AFTER REGULAR WORKING HOURS, ON SATURDAYS, SUNDAYS, OR DOMESTIC HOLIDAYS, SHALL BE PAID FOR BY THE APPLICANT REQUIRING THE INSPECTION AT A RATE OF 1.5 TIMES THE REGULAR RATE OF THE CITY ENGINEER. THE CITY ENGINEER SHALL BE REQUIRED TO CONDUCT INSPECTIONS OF THE PROJECT DURING REGULAR WORKING HOURS. INSPECTIONS OUTSIDE OF REGULAR WORKING HOURS SHALL BE OBTAINED FROM THE CITY ENGINEER FORTY-EIGHT (48) HOURS IN ADVANCE. PRIOR TO THE COMMENCEMENT OF WORK REQUIRING INSPECTION OUTSIDE OF NORMAL WORKING HOURS, THE APPLICANT SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING. THE CITY ENGINEER SHALL PAY THE COST OF THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING INSPECTION DURING REGULAR WORKING HOURS.

F. **DAMAGE TO PROPERTY OF OTHERS** - ANY DAMAGE TO CITY RIGHTS OF WAY, EXISTING UTILITIES, EXISTING STORM DRAINAGE SYSTEMS, PRIVATE PROPERTY, ETC., WHICH OCCURS WHILE WORKING ON AN ACTIVE PROJECT SHALL BE REPORTED TO THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING. THE APPLICANT IS RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO CITY RIGHTS OF WAY, EXISTING UTILITIES, EXISTING STORM DRAINAGE SYSTEMS, PRIVATE PROPERTY, ETC., WHICH OCCURS WHILE WORKING ON AN ACTIVE PROJECT.

- VI. CONSTRUCTION, WHEN ANY PROVISIONS OF THIS ARTICLE DO NOT MEET THE MINIMUM REQUIREMENTS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS, CURRENT EDITION, THE GEORGIA DEPARTMENT OF TRANSPORTATION-STANDARD SPECIFICATIONS, CURRENT EDITION CONTROLS.
- A. TRAFFIC CONTROL - WHEN ANY PROVISIONS OF THIS SECTION OF THIS ARTICLE DO NOT MEET THE MINIMUM REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES(MUTCD) CURRENT EDITION, OR THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS "SECTION 150-TRAFFIC CONTROL", THE MUTCD SHALL CONTROL. ALL WORK WITHIN CITY RIGHTS OF WAY REQUIRES TRAFFIC CONTROL MEASURES. RIGHTS OF WAY

INCLUDES BUT IS NOT LIMITED TO ALL STREETS, ROADS, ALLEYS, LANES, OTHER PUBLIC THOROUGHFARES, SHOULDER, EASEMENTS, ETC., NO WORK SHALL BEGIN UNTIL ALL RIGHTS OF WAY HAVE BEEN OBTAINED FROM THE APPROPRIATE AGENCIES. ALL ALTERATIONS TO TRAFFIC FLOW SHALL NOT COMMENCE UNTIL ALL NOTIFICATION REQUIREMENTS ARE MET AND ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO MAKE THE ALTERATIONS ARE AVAILABLE ON THE SITE. THERE SHALL BE ONE DESIGNATED CONTRACTOR REPRESENTATIVE CAPABLE OF, AND CHARGED WITH, THE RESPONSIBILITY FOR TRAFFIC CONTROL ON THE SITE. THIS INDIVIDUAL'S TRAFFIC CONTROL RESPONSIBILITIES SHALL HAVE PRIORITY OVER ALL OTHER ASSIGNED DUTIES AND RESPONSIBILITIES. THIS INDIVIDUAL SHALL HAVE A COPY OF "PART V. STANDARDS AND GUIDES FOR TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY MAINTENANCE MANAGEMENT OPERATIONS" OF THE MUTCD ON THE JOB SITE AT ALL TIMES. COPIES MAY BE OBTAINED FROM THE FEDERAL GOVERNMENT PRINTING OFFICE:

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U.S. PRINTING OFFICE
WASHINGTON, DC 20402-9325
STOCK #J150-001-002906

- WHEN FLAGGERS ARE REQUIRED, THE FLAGGERS SHALL BE STATE CERTIFIED, AND THE FLAGGERS MUST HAVE THE STATE CERTIFICATION CARD ON SITE AT ALL TIMES. FAILURE TO PRODUCE THE STATE CERTIFICATION CARD WILL RESULT IN AN IMMEDIATE STOP WORK ORDER UNTIL A STATE CERTIFIED FLAGGER WITH AN UP-TO-DATE STATE CERTIFICATION CARD IS PRESENTED TO REPLACE THE UNIDENTIFIED FLAGGER.

B. STATE CERTIFICATION SHALL BE ASSOCIATED TO REPLACE THE UNVERIFIED FLAGGING.

C. ROAD CUTS - ALL ROAD CUT EXCAVATIONS SHALL CONFORM TO THE AUGUSTA UTILITY CUT DETAIL. THIS DETAIL SUPERCEDES THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD 1401 - "PAVEMENT PATCHING DETAIL".

1. BACKFILL - ALL BACKFILL SHALL BE COMPACTED IN LIFTS NO MORE THAN EIGHT (8) INCHES, LOOSE MEASURE, SPREAD AND COMPACTED UNIFORMLY. IN ALL CASES THE BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM LABORATORY DENSITY, TO WITHIN TWELVE (12) INCHES OF THE TOP OF SUBGRADE. THE TOP TWELVE (12) INCHES OF THE BACKFILL SHALL BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM LABORATORY DENSITY. THE TOP OF SUBGRADE IS THAT ELEVATION LOCATED IMMEDIATELY BENEATH ALL BASE AND PAYING MATERIALS. THE MAXIMUM LABORATORY DENSITY SHALL BE DETERMINED FROM THE STANDARD PROCTOR TEST. A MECHANICAL COMPACTOR AND QUALIFIED OPERATOR SHALL BE ON SITE PRIOR TO BEGINNING ANY EXCAVATIONS. THE MECHANICAL COMPACTOR SHALL REMAIN IN THE THRESHOLD OF THE EXCAVATION THROUGHOUT THE ENTIRE BACKFILL OPERATION. BACKFILLING WITH SAND, USING JETTING AND/OR FLOODING TO ACHIEVE COMPACTOR MUST BE APPROVED BY THE CITY ENGINEER.

2. CONCRETE CAP - AN EIGHT (8) INCH THICK PORTLAND CEMENT CONCRETE, CLASS "A" OR BETTER, CONCRETE CAP, SHALL BE PLACED TWELVE (12) INCHES WIDER, EACH SIDE, THAN THE EXCAVATED TRENCH/DITCH. ALL EDGES SHALL BE SQUARED. ALL CONCRETE SHALL BE PROTECTED FOR TWENTY-FOUR (24) HOURS AFTER PLACEMENT AND NO ASPHALT SHALL BE PLACED DURING THIS PERIOD. IF HIGH EARLY STRENGTH CONCRETE IS USED, ASPHALT PATCHING WITHIN THE TWENTY-FOUR (24) HOUR PERIOD WILL BE CONSIDERED BASED ON EARLY BREAK CYLINDERS OBTAINING A COMPRESSIVE STRENGTH OF 3000 PSI. ALL COSTS ASSOCIATED WITH VERIFYING COMPRESSION STRENGTH WILL BE BORNE BY THE APPLICANT.

3. ASPHALT PATCH - ALL EDGES OF THE EXISTING ASPHALT SHALL BE SAWED VERTICALLY TO PROVIDE A CLEAN, NEAT SURFACE. PRIOR TO PLACING THE ASPHALT PATCH, THE EDGES OF THE EXISTING ASPHALT SHALL BE TACKED IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTION 607.01. AFTER THE ASPHALT PATCH IS PLACED AND COMPACTED, THE EDGES OF THE ASPHALT SHALL BE FINISHED TO MATCH THE ADJACENT EXISTING ASPHALT SURFACES. IF THERE ARE ANY SPALLS OR OTHER DEFECTS IN THE EXISTING ASPHALT SURFACE, THEY SHALL BE REPAIRED BEFORE THE ASPHALT PATCH IS PLACED. UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER, A MECHANICAL SPREADER SHALL BE USED TO PLACE THE ASPHALT FOR A PERMANENT PATCH. AFTER PLACEMENT OF THE ASPHALT AND AFTER PROPER ROLLING, THE FINAL GRADE OF THE ASPHALT PATCH SHALL MATCH THE EXISTING GRADE OF THE EXISTING ASPHALT SURFACE. THE ASPHALT PATCH SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION, SECTION 400 - HOT MIX ASPHALTIC CONCRETE CONSTRUCTION; COLD MIX ASPHALTIC CONCRETE WILL BE ALLOWED FOR TEMPORARY PATCHES PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION, SECTION 401 - COLD MIX FOR PATCHING AT JOINTS AND CRACKS.

4. ASPHALT OVERLAY: ALL UTILITY ROAD CUTS REQUIRE AN ASPHALT OVERLAY. THE MINIMUM WIDTH SHALL BE ONE FULL LANE WIDTH, THE MINIMUM LENGTH IS FIFTY FEET WHICH IS A MINIMUM TWENTY FIVE (25) FEET ON EACH SIDE OF THE CENTER OF THE UTILITY CUT. IN CERTAIN UNIQUE CIRCUMSTANCES THE CITY ENGINEER MAY DECREASE THE MINIMUM FIFTY (50) FEET LENGTH. THE MINIMUM THICKNESS OF THE ASPHALT OVERLAY IS ONE (1) INCH AFTER COMPACTED. OVERLAY FOR DIAGONAL AND LONGITUDINAL CUTS SHALL BEGIN AND END A MINIMUM OF TEN (10) FEET BEYOND THE CUT EXTREMITIES. REFER TO THE APPLICABLE "ASPHALT OVERLAY DETAIL". ALL ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, "SECTION 400 - HOT MIX ASPHALTIC CONCRETE CONSTRUCTION".

1. NO JACKS OR BORES ARE TO BE MADE IN OR NEAR ROADWAYS USING ANY TYPE OF DIRECTIONAL BORING EQUIPMENT OR METHODS UNLESS THE CONTRACTOR AND THE METHOD HAVE BEEN APPROVED BY THE CITY ENGINEER.

2. JACKS OR BORES UNDER THE ROADWAYS WHERE THE DIAMETER OF THE BORE IS GREATER THAN TWO (2) INCHES IN DIAMETER THAN THE UTILITY BEING INSTALLED WILL REQUIRE CASINGS OR CONDUITS. THE OUTSIDE DIAMETER OF THE CASINGS OR CONDUITS SHALL BE NO MORE THAN TWO (2) INCHES SMALLER THAN THE DIAMETER OF THE BOREHOLE. CASING MATERIAL REQUIRES THE APPROVAL OF THE CITY ENGINEER.
3. ROAD JACKS OR BORES SHALL HAVE A MINIMUM COVER OF FORTY-EIGHT (48) INCHES. ROAD JACK AND/OR BORE DETAILS AND LOCATIONS SHALL BE SHOWN ON THE PLANS THAT ARE SUBMITTED WITH THE PERMIT REQUEST.

4. JACK OR BORE ENTRANCE AND EXIT PITS AND SET BACKS ARE TO BE A MINIMUM OF THREE (3) FEET FROM THE EDGE OF ROAD OR THE BACK OF CURB. DISTANCE WILL INCREASE WITH DEPTH.
5. ALL CONTAMINATED WATER SHALL BE EITHER CONTAINED ON SITE OR REMOVED FROM THE SITE. THERE SHALL BE NO DISCHARGE OF ANY CONTAMINATED WATER FROM THE JACK OR BORE OPERATION INTO THE MUNICIPAL SEPARATE STORM WATER SYSTEM PER "TITLE 5 - UTILITIES" AND "TITLE 7 - ARTICLE 5 - SOIL EROSION AND SEDIMENT CONTROL" OF THE MUNICIPAL CODE.

E. UTILITY CORRIDOR - ALL UTILITIES INCLUDING WATER AND SEWER SHALL INSTALL THEIR RESPECTIVE UTILITY FACILITY IN ACCORDANCE WITH THE FOLLOWING:

1. THE WIDTH OF THE UTILITY CORRIDOR IS 9'-6" FROM THE BACK OF CURB OR THE EDGE OF PAVEMENT. IF THE RIGHT-OF-WAY IS LESS THAN FIFTY (50) FEET, OR THE UTILITY CORRIDOR IS LESS THAN NINE 9'-6", OR IF A UTILITY HAS TO ENCRONCH ON ANY OTHER UTILITY, A COORDINATION MEETING WITH THE INVOLVED UTILITY COMPANIES AND THE CITY ENGINEER IS REQUIRED. THE FOLLOWING DEPTHS AND DISTANCES FROM THE BACK OF CURB OR EDGE OF PAVEMENT SHALL BE ADHERED TO:

- UTILITY DEPTH DISTANCE
CATV 1' - 6" 2' - 6"
GAS 3' - 0" 4' - 4" (OPPOSITE SIDE OF WATER)
PHONE 2' - 0" 6' - 2"
POWER 3' - 0" 8' - 0"

WATER 4'-0" x 4' (6" OPPOSITE SIDE OF GAS)
A TOLERANCE OF SIX (6) INCHES HORIZONTALLY FROM EITHER SIDE WILL BE READILY ACCEPTED. HOWEVER, THE VERTICAL TOLERANCE WILL ONLY ALLOW THE UTILITY TO BE INSTALLED DEEPER THAN THE ABOVE-DESIGNED DEPTH. THE DEPTH IS MEASURED TO THE TOP OF THE FACILITY. WHENEVER POSSIBLE, WATER MAINS SHALL BE INSTALLED ON THE NORTH OR EAST SIDE, AND GAS MAINS SHALL BE INSTALLED ON THE OPPOSITE SIDE FROM THE WATER MAINS. IN SUBDIVISIONS WHERE A DITCH SECTION IS UTILIZED, A COORDINATION MEETING MAY BE NECESSARY TO CLARIFY THE UTILITY CORRIDOR. REFERENCE CAN BE MADE TO THE 'UTILITY CORRIDOR DETAIL' FOR ADDITIONAL INFORMATION.

- F. GENERAL

1. AT NO TIME SHALL MATERIAL BE PLACED IN CURB OR GUTTER LINES. MATERIAL MAY BE PLACED ON ROADWAYS ONLY WHEN AN APPROVED LANE CLOSURE IS IN PLACE AND THE MATERIAL SHALL BE REMOVED IN ITS ENTIRETY AT THE END OF THE WORKING DAY AND PRIOR TO REMOVING THE LANE CLOSURE. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
 2. A. ALL MATERIALS MUST BE REMOVED FROM THE WORK AREA IMMEDIATELY AFTER THE WORKING DAY.
 3. B. EVERY EFFORT TO PREVENT DAMAGE TO ASPHALT, CONCRETE OR SOIL SURFACES BY EQUIPMENT OUTRIGGERS, BUCKETS, TRUCKS, TRAILS, ETC., AND/OR ASSOCIATED EQUIPMENT FLUIDS SUCH AS DIESEL FUEL OR HYDRAULIC FLUID SHALL BE MADE AT ALL TIMES. THE REPAIRS OF SUCH DAMAGE IS THE RESPONSIBILITY OF THE CONTRACTOR.
 4. C. THE MAXIMUM LENGTH OF AN OPEN TRENCH IS 150 LINEAL FEET UNLESS APPROVED BY THE CITY ENGINEER. ALL FITS, TRICHENS OR CUTS THAT WHEN LEFT UNOBSERVED CREATE A SAFETY HAZARD SHALL BE BACKFILLED DAILY. TEMPORARY BACKFILLING PROCEDURES FOR SAFETY REASONS WILL BE CONSIDERED AT THE DISCRETION OF THE CITY ENGINEER.
 5. D. ALL MATERIALS TO BE REMOVED FROM THE CITY OF GEORGIA SHALL BE REMOVED AT THE DISCRETION OF THE CITY ENGINEER AT THE UTILITY PROTECTION CENTER (UPO) GEORGIA STATE DIG LAW, COMMONLY REFERRED TO AS THE "GEORGIA ONE CALL SYSTEM" SHALL BE ADHERED TO AT ALL TIMES.
6. E. GRASSING, MULCHING AND THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMPs) FOR THE CONTROL OF EROSION AND SEDIMENT SHALL BE DONE IN ACCORDANCE WITH THE "MANUAL FOR SOIL EROSION AND SEDIMENTATION CONTROL IN GEORGIA," CURRENT EDITION.
7. F. ALL BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH THE GEORGIA BLASTING STANDARDS, CURRENT EDITION AND THE GEORGIA DEPARTMENT OF TRANSPORTATION-STANDARD SPECIFICATIONS, CURRENT EDITION, SECTION 107.12, "COMPACTION OF EXPLOSIVES".
8. G. UTILITY INSTALLATION WITH LONGITUDINAL DRAINAGE DITCH LINES SHALL NOT BE ALLOWED UNLESS APPROVED BY THE CITY ENGINEER. IF APPROVED, A MINIMUM OF 12 INCHES TO 18 INCHES BELOW THE LOWEST POINT OF THE DRAINAGE DITCH LINE WILL BE REQUIRED. SANITARY SEWER LINE DEPTHS WILL BE DICTATED BY DESIGN REQUIREMENTS.
9. H. IN WET AREAS WHERE EXCAVATIONS FOR UTILITY INSTALLATIONS ARE CONDUCTED, TYPE II FOUNDATION BACKFILL MATERIAL (57# STONE) WILL BE REQUIRED AS FOLLOWS:
 10. I. ALL BACKFILL IN TRENCH CONSTRUCTION SHALL BE COMPACTED IN LIFTS NO MORE EIGHT (8) INCHES, LOOSE MEASURED, SPREAD AND COMPACTED UNIFORMLY. THE BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM LABORATORY DRY DENSITY OF THE EXISTING SOIL. THE MAXIMUM LABORATORY DRY DENSITY SHALL BE DETERMINED BY THE CITY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER COMPACTION OF THE BACKFILL. THE MECHANICAL COMPACTOR SHALL REMAIN ON SITE AT ALL TIMES DURING THE BACKFILLING OPERATION.
 11. J. ALL TRUCKS AND BACKFILLED MATERIAL SHALL BE LEFT IN A CONDITION SUCH THAT SURFACE RUNOFF WATER WILL ADEQUATELY DRAIN AND NOT COLLECT.
 12. K. PRIOR TO INSTALL UTILITY LIFTS WILL BE ALLOWED BUT MUST BE APPROVED BY THE CITY ENGINEER.
 13. L. WHENEVER APPLICABLE AND POSSIBLE, JOINT TRENCHES TO INSTALL UTILITIES ARE RECOMMENDED.
 14. M. A REPRESENTATIVE FROM ANY UTILITY COMPANY WITHIN AN APPROVED SUPERVISION SHALL BE AT THE DESIGNATED PRECONSTRUCTION CONFERENCE.
 15. N. WINTER/PERIOD

THE UTILITY COMPANY AND/OR APPLICANT SHALL AGREE TO AN 18-MONTH WARRANTY PERIOD WHICH COMMENCES AT THE ACCEPTANCE OF THE PERMITTED WORK. DURING THE 18-MONTH WARRANTY PERIOD THE UTILITY COMPANY AND/OR APPLICANT IS RESPONSIBLE FOR CORRECTING ANY DEFICIENCIES WHICH ARE RELATED TO SOIL EROSION CONTROL, EROSION CONTROL, SEWER, STRUCTURE AND MECHANICAL FAILURES, ETC. UPON THE UTILITY COMPANY'S OR APPLICANT'S REQUIREMENT FOR CORRECTION, THE UTILITY COMPANY AND/OR APPLICANT SHALL BE REQUIRED TO REPAIR THE DEFICIENCY WITHIN A CALENDAR MONTH OF THE DEFICIENCY BEING DISCOVERED. THE UTILITY COMPANY AND/OR APPLICANT SHALL BE REQUIRED TO REPAIR THE DEFICIENCY, CREATING A PUBLIC SAFETY HAZARD, SHALL BE CORRECTED IMMEDIATELY. IN THE EVENT THAT THE UTILITY COMPANY AND/OR APPLICANT FAILS TO REPAIR THE DEFICIENCY IN THE DESIGNATED TIME FRAME, THE UTILITY COMPANY AND/OR APPLICANT SHALL AGREE TO BE RESPONSIBLE TO THE CITY OF AUGUSTA, GEORGIA FOR PAYMENT IN FULL OF THE COSTS ASSOCIATED WITH REPAIRING THE DEFICIENCY. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, THE FORTUFEITURE OF ANY

- VIII. FAILURE TO COMPLETE WORK.
IN THE EVENT THE UTILITY COMPANY AND/OR APPLICANT FAILS TO COMPLETE THE PERMITTED WORK IN A SATISFACTORY MANNER, THE UTILITY COMPANY AND/OR APPLICANT SHALL AGREE TO BE RESPONSIBLE TO THE CITY OF AUGUSTA, GEORGIA FOR PAYMENT "IN THE AMOUNT OF TWICE" THE COSTS ASSOCIATED WITH COMPLETING OR REPAIRING THE DEFICIENCY. THIS CAN INCLUDE, BUT IS NOT LIMITED TO, THE FORFEITURE OF ANY PREVIOUSLY APPROVED FINANCIAL

IX. EMERGENCY PERMITS.
EMERGENCY PERMITS MAY BE OBTAINED FROM THE CITY ENGINEER BY TELEPHONE AND MUST BE VERIFIED IN WRITING WITHIN TWENTY-FOUR (24) HOURS, OR THE NEXT WORKING DAY, BY THE UTILITY COMPANY AND/OR APPLICANT. ALL REQUIREMENTS CONTAINED HEREIN SHALL APPLY TO EMERGENCY PERMITS AS DEEMED FEASIBLE BY THE CITY ENGINEER.

- X. THESE GUIDELINES ARE TO BE REVIEWED AND UPDATED IF NECESSARY ON A YEARLY BASIS BY THE UTILITIES SUBCOMMITTEE OF THE SUBDIVISION REVIEW COMMITTEE.

XI. THE REVIEW WILL BE TENTATIVELY SCHEDULED IN JUNE OF EACH YEAR BEGINNING IN JUNE 2000.
APPENDIX.
UTILITY ROAD CUT DETAIL
UTILITY CORRIDOR DETAIL
ASPHALT OVERLAY DETAILS

LAST UPDATED: NOVEMBER 5, 1999

1. ALL CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS AND WASTEWATER COLLECTION SYSTEM LINES SHALL BE IN ACCORDANCE WITH AUGUSTA UTILITIES DEPARTMENT (AUD) WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS (LATEST PUBLICATION).
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SANITARY SEWER UTILITY PROPOSED FOR CONNECTION OR USE BY THE PROJECT.
3. CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION INC. "CALL BEFORE YOU DIG" SERVICE (811) IN ORDER TO LOCATE UTILITIES PRIOR TO STARTING ANY EXCAVATION OR CONSTRUCTION. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE AS DETERMINED FROM EXISTING RECORDS.
4. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE UTILITY COMPANIES.
5. THE AUGUSTA ENGINEERING DEPARTMENT (AED) SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30AM TO 5:00PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN AUGUSTA, GEORGIA RIGHT-OF-WAY. CONTACT AED AT (706-638-1706).
6. THE AUGUSTA ENGINEERING DIVISION SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO ANY CONSTRUCTION, TIE-INS, OR TESTING OF WATER OR WASTEWATER UTILITIES. NO WORK SHALL COMMENCE UNTIL CONTACT IS MADE WITH THE PROJECT'S AS-MADE INSPECTIONS REPRESENTATIVE.
7. DISCOVERY OF ANY SUBSURFACE WORKERS OR UTILITIES REQUIRES RE-ESTABLISHMENT BY A PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. DOCUMENTATION OF THE WORK MUST BE PRESENTED TO THE AUD ENGINEERING DIVISION BEFORE THE PROJECT IS COMPLETED.
8. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED ON PLANS OR IN THE SPECIFICATIONS SHOULD BE NOTED ON THE CONTRACT PROPOSAL AND DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO CORRECT THE SAME.
9. ALL CONSTRUCTION SHALL COMPLY WITH THE 24-HOUR STRENGTH OF A CONSTRUCTION PERMIT. IF A CONFLICT ARISES BETWEEN THE NEW WORK AND THE EXISTING WATER AND SEWER UTILITIES DURING THE COURSE OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER/CONTRACTOR, AT THEIR EXPENSE AND NOT AUDS, TO CORRECT THE DISCREPANCY AS DIRECTED BY A REPRESENTATIVE OF AUD.
11. ALL EXISTING AUGUSTA ROAD STRUCTURES SUCH AS STORM MANHOLES, INLET BOXES, ETC., SHALL BE MAINTAINED AND OR AUGUSTA AS IS APPROVED UPON TO ENSURE PROPER DRAINAGE.
12. ALL MATERIALS DEEMED SALVAGEABLE BY AUD ARE THE PROPERTY OF AUGUSTA, GEORGIA AND WILL BE REMOVED AND STORED ON SITE IN A SECURED AREA DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR, AND AUGUSTA UTILITIES DEPARTMENT. FOR PRIVATE DEVELOPMENTS, AUD SHALL NOT BE RESPONSIBLE FOR PAVEMENT PATCHING AND/OR REPLACEMENT AND THE SITE RESTORATION WHENEVER AUD PERFORMS REPAIR, REPLACEMENT OR INSTALLATION WORK.
14. IF REPAIR OR REPLACEMENT OF ANY EXISTING UTILITY IS REQUIRED ON THE SITE, THEN THE RESPONSIBLE PARTY SHALL ARRANGE FOR ACCESS BY AUD AS REQUIRED TO REPAIR OR REPLACE THE UTILITY.
15. A MINIMUM (20') UTILITY EASEMENT CENTERED OVER ALL WATER LINES AND A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WASTEWATER LINES SHALL BE DEEDED TO AUGUSTA, GEORGIA AT COMPLETION AND ACCEPTANCE OF SAID LINES. EASEMENTS CONTAINING BOTH WATER AND SEWER SHALL BE 10' FROM THE CENTER OF THE UTILITY TO THE SIDE OF THE EASEMENT, WHILE WASTEWATER EASEMENTS SHALL BE 10' FROM THE CENTER OF THE UTILITY TO THE ADJACENT WASTER AND SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS, AND DETAILS.
16. A RIGHT-OF-WAY ENCROACHMENT PERMIT SHALL BE OBTAINED FROM AED PRIOR TO COMMENCING ANY WORK WITHIN AN AUGUSTA, GEORGIA RIGHT-OF-WAY. THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD.
17. "A GEORGIA DOT RIGHT-OF-WAY ENCROACHMENT PERMIT MAY BE REQUIRED FOR WORK ON TEMPORARY OR PERMANENT STATE ROADWAY CONTACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SUCH PERMIT. THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD. CONDITIONS OF THE PERMIT MUST BE COMPLIED WITH FULLY. THE PERMIT MUST BE IN HAND A MINIMUM 24 HOURS NOTICE GIVEN TO GDOT PRIOR TO BEGINNING ANY WORK IN THE GDOT RIGHT-OF-WAY."
18. TRAFFIC CONTROL DEVICES SHALL MEET AND BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALSO, A TRAFFIC CONTROL/DETOUR PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL AS NOTED IN THE AUGUSTA, GEORGIA RIGHT-OF-WAY ENCROACHMENT PERMIT.
19. THE CONTRACTOR AND THE AUD REPRESENTATIVE SHALL HAVE A COPY OF THE AUGUSTA RICHMOND COUNTY, GEORGIA-RIGHTS OF WAY ENCROACHMENT GUIDELINES DEVELOPMENT DOCUMENT #15, ADOPTED JUNE 1999, AMENDED AUGUST 2000, AMENDED JUNE 2021. THE REQUIREMENTS SET FORTH IN THIS DOCUMENT SHALL BE ADHERED TO AT ALL TIMES.
20. CLEARING AND GRUBBING SHALL BE AT THE CONTRACTOR'S DISCRETION, SUBJECT TO AUD APPROVAL, TO FACILITATE CONSTRUCTION.
21. THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMPs) FOR EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES.

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A PART, TIE-IN OCCURS, RESTRAINED JOINTS ARE INSTALLED, BENDS, FITTINGS, FIRE HYDRANTS, VALVES AND PRESSURE TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM) TO READY-FOR-INSPECTION. THE WORK SHALL BE COMPLETED BY THE SPECIFIED DATE AND TIME.
2. ALL PVC WATER LINES SHALL BE A MINIMUM DRO-18 PVC MEETING AWWA C-900 AND OR C-905, UNLESS OTHERWISE SHOWN OR SPECIFIED.
3. ALL DIP WATER LINES SHALL BE CLASS 350 FOR LINES 16" DIAMETER AND SMALLER, AND CLASS 300 FOR LINES 18" DIAMETER THROUGH 24" DIAMETER, UNLESS OTHERWISE SPECIFIED OR SHOWN.
4. ALL WATER LINES SHALL BE INSTALLED IN PIPELINE MANHOLE STRUCTURE RECOMMENDATIONS.
5. ALL WATER LINES SHALL BE TESTED, CHLORINATED, AND CHECKED FOR BACTERIA PER AUD'S WATER & SANITARY SERVICE SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS.
6. COPPER WIRE (12-GAUGE, INSULATED, SINGLE STRANDS) SHALL BE ATTACHED ALONG TOP OF ALL BURIED WATER LINES, WRAPPED AROUND SERVICE CORPORATIONS AND BROUGHT UP ON THE OUTSIDE OF ALL VALVE BOXES, STUBBING OUT AT THE TOP TO BE ELIMINATE TRACEABILITY. THE WIRE SHALL BE PROPERLY SPliced WITH A WATER PROOF CONNECTION FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AUD DETAILS WHEN APPLICABLE).
7. DETECTOR TAP SHALL BE 4 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE. ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 3.6.
8. ALL WATER VALVES ON THE MAIN LINES, INCLUDING HYDRANT LATERALS, SHALL BE OPEN-LEFT IF INSTALLED SOUTH OF GORDON HIGHWAY (S.R. 10), OR OPEN-RIGHT IF INSTALLED NORTH OF GORDON HIGHWAY.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN A METER BOX AT THE TERMINATION POINT OF ALL WATER SERVICES. METER BOXES WILL IN NO WAY BE PLACED UNDER DRIVEWAYS. METER BOXES WILL PREFERABLY BE LOCATED IN THE CENTER OF THE LOT AND WITHIN 1' INSIDE OF THE R/W, AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME THE METER IS INSTALLED.
10. EXISTING WATER SERVICE SHALL HAVE MINIMUM 6" DIAMETER IF NO CURB OR AVENUE. ALL EXISTING WATER LINES WHEN APPLICABLE).
11. ANY EXISTING WATER SERVICE LINES WHICH ARE EXTENSIONS OF AN EXISTING WATER SERVICE SHALL BE TO BE ABANDONED DISCOVERED DURING CONSTRUCTION SHALL BE REPLACED. THESE NEW SERVICE LINES ARE TO TIE INTO THE NEW WATER MAIN AND BE RECONNECTED TO THE EXISTING WATER METER.
12. ALL EXISTING WATER SERVICES SHALL BE EXTENDED AND METER BOXES RELOCATED AS REQUIRED BEYOND THE LIMITS OF CONSTRUCTION. THE SERVICE LINE SHALL BE CONNECTED TO THE NEW WATER MAIN AFTER SAID MAIN HAS BEEN STERILIZED, PRESSURE TESTED AND PUT INTO SERVICE. IN THE EVENT THAT THE SERVICE LINE IS NOT ACTIVE, A NEW WATER SERVICE WILL BE REQUIRED TO BE PUT INTO SERVICE.
13. ALL WATER METERS SHALL BE PURCHASED FROM AUD CONSTRUCTION AND MAINTENANCE DIVISION.
14. THE DEVELOPER/CONTRACTOR SHALL LOCATE WATER SERVICES AND VALVES BY ETCHING A "W" FOR THE WATER SERVICE AND A "V" FOR A VALVE IN THE CURB OR AVENUE. THE CONTRACTOR SHALL HIGHLIGHT THE ETCHING WITH BLUE PAINT PER THE APWA UNIFORM COLOR CODE. IN THE EVENT THAT THE VALVE IS LOCATED BEHIND THE CURB OR PAVEMENT, INVERT THE "V" MARKING SO THAT IT POINTS TO THE VALVE OUTSIDE THE ROADWAY.
15. FIRE HYDRANTS ARE TO BE LOCATED A MINIMUM OF ONE FOOT INSIDE EXISTING RIGHT-OF-WAY WITH A 3' FOOT RADIUS CLEARANCE.
16. EXISTING FIRE HYDRANTS AND METERS THAT ARE REMOVED SHALL BE TURNED OVER TO AUD.
17. PER AUD'S WATER & SANITARY SERVICE SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS:
 - FOR BACKFLOW INSTALLATIONS FOR NON-RESIDENTIAL DEVELOPMENT, A MINIMUM "DOUBLE-CHECK" BACKFLOW-PREVENTION DEVICE SHALL BE INSTALLED ON THE CUSTOMERS SIDE OF ALL SERVICES.
 - FOR BACKFLOW REQUIRE A MINIMUM "DOUBLE CHECK" BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF THE SERVICE LINE AT THE POINT OF TIE-IN TO THE WATER METER.
 - FOR SOME MEDIUM HAZARD TO HIGH HAZARD LOCATIONS, A REDUCED PRESSURE ZONE (RPZ) BACKFLOW DEVICE WILL BE REQUIRED.
18. BACKFLOW DEVICES SHALL BE TESTED BY A CERTIFIED PERSON WITHIN FIVE (5) WORKING DAYS OF INSTALLATION AND THE RESULTS FURNISHED TO THE AUD BACK FLOW INSPECTOR WITHIN 10 WORKING DAYS OF INSTALLATION PRIOR TO ANY WATER USE. AUD SHALL BE NOTIFIED PRIOR TO TESTING CONTACT THE AUGUSTA UTILITIES BACK FLOW INSPECTOR AT 706-722-1639.

1. AN EYE INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A CORE, TAP, TIE-IN OCCURS, MANHOLE INSTALLED, AND ALL REQUIRED TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TYPICAL BUSINESS DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUST 1 - GEORGIA HOLIDAY).
2. THE CONTRACTOR IS TO VERIFY THE INVERT ELEVATIONS (I.E.) OF EXISTING PIPES TO BEGINNING CONSTRUCTION. SEWER FORCE MAIN SHALL BE PVC DR-18 C-900 OR C-905 AS APPLICABLE OR DIP CLASS 350, EPOXY LINED.
3. ALL NEW SEWER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER REQUIREMENTS.
4. 2" C-900 PIPE (12" C-900 PIPE) SHALL BE BORED UNDER EXISTING PIPES TO ALL BURIED SEWER LINES TO FACILITATE TRACEABILITY. THE WIRE SHALL RUN ALONG THE TOP OF THE MAIN AND ALONG INDIVIDUAL SERVICE LINES AND BROUGHT UP ON THE OUTSIDE OF ALL MANHOLES, CLEANOUTS, OR OTHER ABOVE GROUND FEATURES STUBBING OUT AT THE TOP FOR LOCATING PURPOSES. THIS WIRE SHALL BE PROPERLY SPLICED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AID DETAILS WHEN APPLICABLE).
5. DETECTOR TAPE SHALL BE 4 INCHES WIDE AND CLORED 2 FEET ABOVE PIPE AND SIMILAR DEVICE TO CONDUIT PER AID DETAIL 3.6.
6. THE TIE-INS TO EXISTING MANHOLES SHALL BE PAVED UNLESS OTHERWISE APPROVED BY AID INSPECTOR.
7. ALL MANHOLES REQUIRE "K OR N SEAL" OR EQUAL, RUBBER BOTS, UNLESS OTHERWISE APPROVED BY AID INSPECTOR.
8. NO CONNECTION SHALL BE MADE TO EXISTING WASTEWATER LINES UNTIL THE PROPOSED LINE IS INSPECTED AND APPROVED BY AID'S ENGINEERING DIVISION.
9. ALL WASTEWATER MANHOLES SHALL HAVE AN ELEVATION DROP OF 0.2 FOOT ACROSS THE INLET AND OUTLET INVERTS. WASTEWATER CLEAN-OUTS SHALL BE INSTALLED AT ALL INDIVIDUAL SERVICES AS SHOWN IN AID-DETAILS, AND SHALL NOT BE INSTALLED UNDER DRIVEWAYS/ OR ANY PAVED AREAS WITHOUT PRIOR APPROVAL FROM AID.
10. SERVICE LINES TO SANITARY SEWER SHALL BE REDDED PER AID DETAIL 3.6 AND AID DETAILS.
11. MAXIMUM SANITARY SEWER INFILTRATION SHALL NOT EXCEED 100 GPD/INCH OF PIPE DIAMETER PER AID.
12. THE CONTRACTOR SHALL LOCATE SANITARY SEWER SERVICES BY ETCHING AN "S" IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH GREEN PAINT PER THE APWA UNIFORM COLOR CODE. FINISHED FLOOR ELEVATION OF ALL PROPOSED BUILDINGS SHALL BE A MINIMUM OF FIVE (5) FEET ABOVE THE INVERT ELEVATION OF THE MAIN OR MAIN OR SERVICE LINE AT THE POINT OF TIE-IN. IN INSTANCES WHERE THIS IS NOT POSSIBLE, A BACKWATER VALVE SHALL BE INSTALLED IN THE SEWER SERVICE.

G-002

LEGEND

OVERHEAD POWER	—E—~
ELECTRIC TRANSFORMER	□ <i>ETR</i>
ELECTRIC OUTLET	⊖ <i>EO</i>
ELECTRIC BOX	□ <i>EB</i>
GUY WIRE ANCHOR	—GWA
POWER POLE	⊖ <i>PP</i>
LIGHT POLE	⊖ <i>LP</i>
INVERT ELEVATION	IE: 000.00
SANITARY SEWER MANHOLE	⊖
SANITARY SEWER LINE	—SS—
SANITARY CLEANOUT	⊖ <i>SSCO</i>
WATER MAIN	—8"W—
IRRIGATION CONTROL VALVE	⋈ <i>ICV</i>
WATER VALVE	⋈ <i>WV</i>
WATER METER	⊖ <i>WM</i>
FIRE HYDRANT	⋈ <i>FO</i>
SIGN - SINGLE POLE	⊖
FINISHED FLOOR ELEV.	FFE = 000.00
ASPHALT SURFACE	
CONCRETE SURFACE	

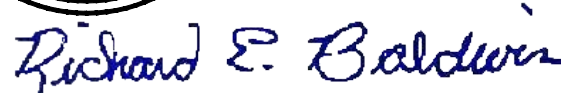
- Total Area: Topographic area - +/- 11.10 Acres

Equipment used:
TOTAL STATION Geomax Zoom 95 Series
 eGPS 2011 GPS base and rover multi-frequency receivers

Field Work Completed on: April 15, 2024

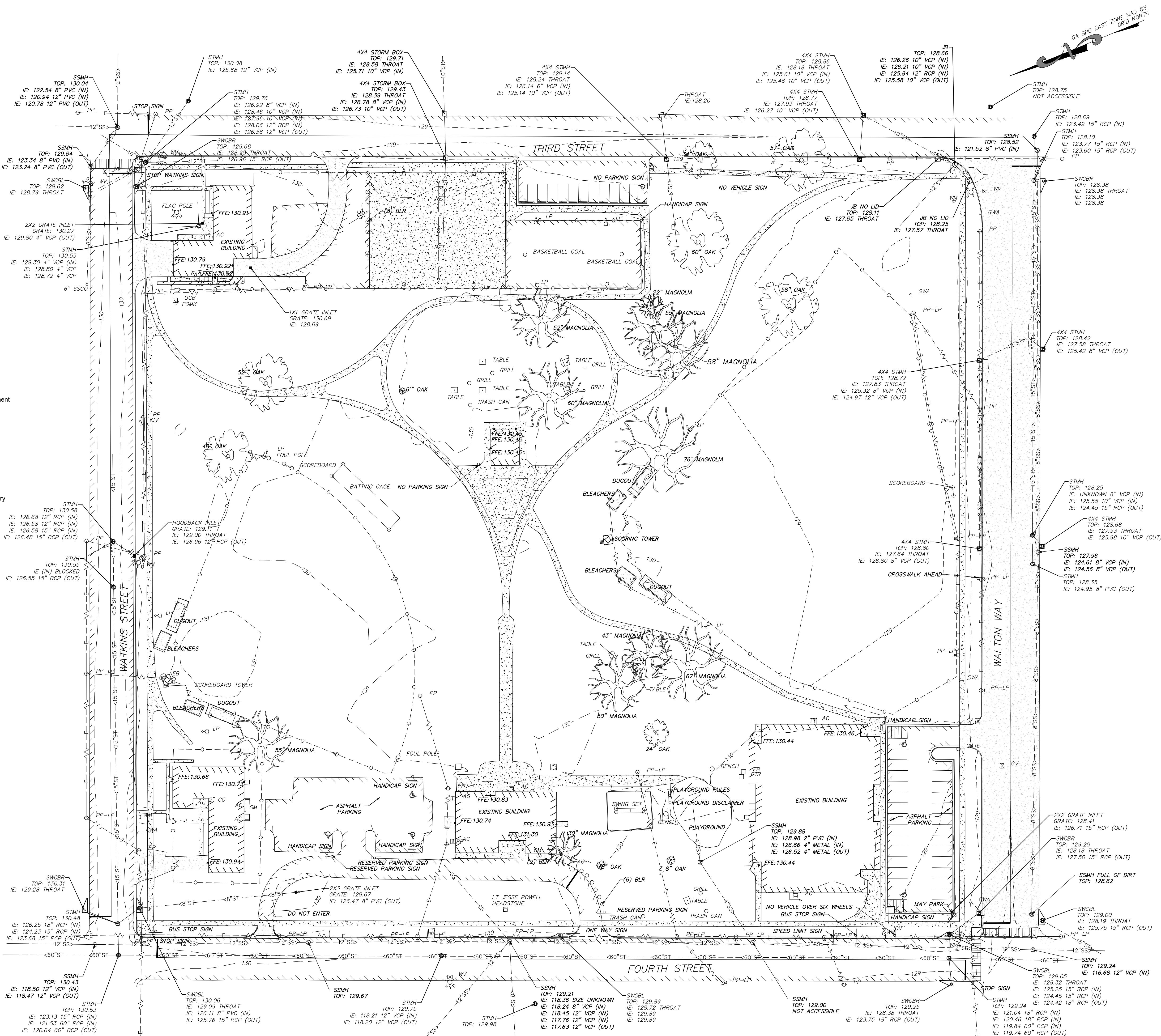
ZONING: R-3B, MULTI-FAMILY RESIDENTIAL
USE: PUBLIC RECREATION
SETBACKS:
FRONT: 30' MINOR ROADS - 40' SETBACK ALL OTHERS
SIDE: 25' SETBACK OR 15' WITH A FULL LENGTH BRICK WALL
REAR: 25' OR 20% OF THE DEPTH MAX 50' (GREATER WILL APPLY)

AS REQUIRED BY SUBSECTION (D) OF O.C.G.A. SECTION 15-6-67, THIS PLAT HAS BEEN PREPARED BY A LAND SURVEYOR AND APPROVED BY ALL APPLICABLE LOCAL JURISDICTIONS FOR RECORDING AS EVIDENCED BY APPROVAL CERTIFICATES, SIGNATURES, STAMPS, OR STATEMENTS HEREON. SUCH APPROVALS OR AFFIRMATIONS SHOULD BE CONFIRMED WITH THE APPROPRIATE GOVERNMENTAL BODIES BY ANY PURCHASER OR USER OF THIS PLAT AS TO INTENDED USE OF ANY PARCEL. FURTHERMORE, THE UNDERSIGNED LAND SURVEYOR CERTIFIES THAT THIS PLAT CONFORMS WITH MINIMUM TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN THE RULES AND REGULATIONS OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN O.C.G.A. SECTION 15-6-67.



RICHARD E. BALDWIN
GEORGIA REGISTERED LAND SURVEYOR #326
CERTIFICATE OF AUTHORIZATION
LAND SURVEYOR FIRM #000051

- THE TERM "CERTIFICATION" AS USED IN RULE "180-6-.09(2) AND (3)" AND RELATING TO PROFESSIONAL ENGINEERING OR LAND SURVEYING SERVICES, AS DEFINED IN O.C.G.A. 43-15-2(6) AND (11), SHALL MEAN A SIGNED STATEMENT BASED UPON FACTS AND KNOWLEDGE KNOWN TO THE REGISTRANT AND IS NOT A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.
- THIS SURVEY COMPLIES WITH BOTH THE RULES OF THE GEORGIA BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND THE OFFICIAL CODE OF GEORGIA ANNOTATED (OCCA) 15-6-87, IN THAT WHERE A CONFLICT EXISTS BETWEEN THOSE TWO SETS OF SPECIFICATIONS, THE REQUIREMENTS OF LAW PREVAIL.

[illegible]

40' 20' 0' 40'

GRAPHIC SCALE: 1" = 40'

**EMC ENGINEERING
SERVICES, INC.**



EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY

MAY RECREATIONAL PARK

622 FOURTH STREET
AUGUSTA, RICHMOND COUNTY, GEORGIA

Prepared for:

BAM, INC

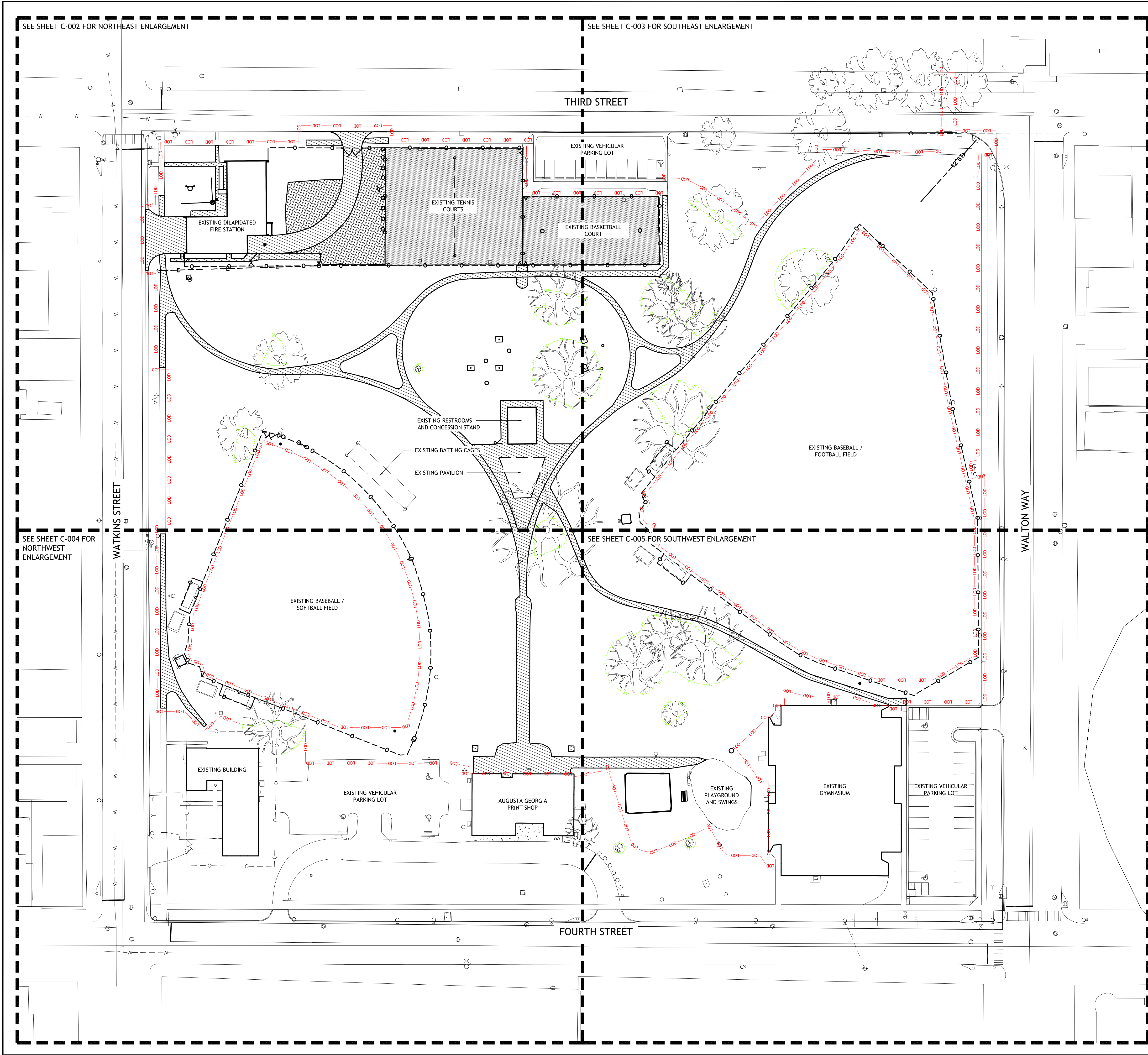
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DRAWN BY:	LNL
DESIGNED BY:	
SURVEYED BY:	NB, JK, TF
SURVEY DATE:	04-15-2024
CHECKED BY:	REB
SCALE:	1" = 40'
DATE:	04-19-2024

SHEET

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MASTER DEMOLITION KEYNOTE LEGEND

1. APPROXIMATE LIMITS OF WORK / DISTURBANCE
2. CLEAR AND GRUB SITE PER PROJECT MANUAL AND SOIL EROSION AND SEDIMENTATION CONTROL PLAN
3. EXISTING TREES TO REMAIN. PROVIDE TEMPORARY TREE PROTECTION FENCING AS DELINEATED ON THE PLAN AROUND EXISTING TREES AND UTILITIES TO REMAIN THROUGHOUT CONSTRUCTION. AT NO TIME SHALL CONSTRUCTION TRAFFIC BE ALLOWED WITHIN EXISTING TREE ROOT ZONE AND UNDER NO CIRCUMSTANCES SHALL MATERIAL STOCKPILE BE PERMITTED WITHIN THE EXISTING ROOT ZONE OF TREES TO REMAIN. SEE TREE PROTECTION DETAIL AND THE PROJECT MANUAL.
4. DISCONNECT EXISTING UTILITIES PER UTILITY OWNER / SUPPLIER SPECIFICATIONS. DEMOLISH EXISTING BUILDING / STRUCTURE IN ITS ENTIRETY INCLUDING FOUNDATIONS AND DISPOSE OFFSITE
5. EXISTING BUILDING TO REMAIN
6. REMOVE EXISTING ELECTRIC / LIGHT POLE, AND FOUNDATIONS, IF NECESSARY AND DISCONNECT EXISTING ELECTRIC TO THE NEAREST POLE TO REMAIN PER THE UTILITY OWNER / SUPPLIER SPECIFICATIONS AND DISPOSE OFFSITE
7. EXISTING LIGHT / ELECTRIC POLE TO REMAIN
8. COORDINATE WITH UTILITY OWNER / SUPPLIER AND RELOCATE EXISTING FIBER OPTIC / STRUCTURE
9. EXISTING UTILITY POLE / STRUCTURE TO REMAIN
10. DISCONNECT EXISTING WATER LINE PER UTILITY OWNER / SUPPLIER SPECIFICATIONS AND REMOVE EXISTING FIRE HYDRANT / FIRE DEPARTMENT CONNECTION AND DISPOSE OFFSITE
11. SAWCUT EXISTING PAVEMENT, SEE DEMOLITION PLAN FOR SAWCUT LENGTHS. FOR INSTALLATION OF NEW CONCRETE CURB AND GUTTER, SAWCUT EXISTING ASPHALT ROADWAY, PATCH AND REPAIR TO MATCH EXISTING ASPHALT
12. REMOVE EXISTING ASPHALT PAVEMENT INCLUDING SUB BASE AND DISPOSE OFFSITE. SEE PROJECT MANUAL FOR REQUIREMENTS OF RECYCLE / SALVAGE OF NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE
13. MILL EXISTING ASPHALT PAVEMENT LEAVING ONLY THE EXISTING ASPHALT AGGREGATE BASE COURSE. SUPPLEMENT AGGREGATE BASE COURSE WITH EXISTING MILLINGS AS NEEDED, TEST / PROOFROLL BASE COURSE IN ACCORDANCE WITH THE PROJECT MANUAL PRIOR TO PLACING NEW ASPHALT SURFACE
14. EXISTING ASPHALT PAVEMENT TO REMAIN
15. REMOVE EXISTING CONCRETE PAVEMENT INCLUDING SUB BASE AND DISPOSE OFFSITE. SEE PROJECT MANUAL FOR REQUIREMENTS OF RECYCLE / SALVAGE OF NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE
16. REMOVE EXISTING CONCRETE PAVEMENT INCLUDING SUB BASE NO DISPOSE OFFSITE. SEE PROJECT MANUAL FOR REQUIREMENTS OF RECYCLE / SALVAGE OF NON-HAZARDOUS DEMOLITION AND CONSTRUCTION WASTE (ALTERNATE)
17. EXISTING CONCRETE PAVEMENT TO REMAIN
18. REMOVE EXISTING CONCRETE CURB AND DISPOSE OFFSITE
19. DISCONNECT AND REMOVE EXISTING AIR CONDITIONER UNIT AND DISPOSE OFFSITE
20. EXISTING BATTING CAGE TO REMAIN
21. REMOVE EXISTING BENCH AND DISPOSE OFFSITE
22. EXISTING BLEACHERS TO REMAIN
23. REMOVE EXISTING BOLLARDS INCLUDING FOUNDATIONS AND DISPOSE OFFSITE
24. REMOVE EXISTING BASKETBALL GOALS INCLUDING FOUNDATIONS AND DISPOSE OFFSITE
25. EXISTING DUGOUT TO REMAIN
26. REMOVE EXISTING CHAIN LINK FENCING INCLUDING POSTS AND DISPOSE OFFSITE
27. EXISTING FENCE TO REMAIN
28. REMOVE AND RELOCATE EXISTING FOUL POLE
29. REMOVE EXISTING FLAG POLE INCLUDING FOUNDATION AND DISPOSE OFFSITE
30. REMOVE EXISTING GRILL AND DISPOSE OFFSITE
31. EXISTING PLAY EQUIPMENT TO REMAIN
32. REMOVE EXISTING PLAYGROUND PLASTIC CURBING AND DISPOSE OFFSITE (ALTERNATE)
33. EXISTING PRESSBOX TO REMAIN
34. REMOVE AND RELOCATE EXISTING SCOREBOARD
35. EXISTING SCOREBOARD TO REMAIN
36. REMOVE EXISTING SIGN AND DISPOSE OFFSITE
37. REMOVE EXISTING STORM STRUCTURE AND DISPOSE OFFSITE
38. REMOVE EXISTING STORM PIPE AND DISPOSE OFFSITE
39. REMOVE EXISTING TABLE AND DISPOSE OFFSITE
40. REMOVE EXISTING TENNIS NET INCLUDING FOUNDATIONS AND DISPOSE OFFSITE
41. REMOVE EXISTING TRASH CAN AND DISPOSE OFFSITE
42. REMOVE EXISTING WALL INCLUDING FOUNDATION AND DISPOSE OFFSITE
43. EXISTING AIR CONDITIONER TO REMAIN
44. EXISTING SIGN TO REMAIN
45. EXISTING WATER METER TO REMAIN

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL WALK THE SITE PRIOR TO BID TO BE FULLY FAMILIAR WITH THE EXTENT OF REMOVAL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS NECESSARY TO COMPLETE CONSTRUCTION. QUESTIONS REGARDING ITEMS TO BE REMOVED SHALL BE DIRECTED TO CONSTRUCTION MANAGER.
2. THE CONTRACTOR IS TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION OPERATIONS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO UTILITIES NOT SCHEDULED FOR REMOVAL. CONTACT GEORGIA 811 FOR CONFIRMATION OF UTILITY LOCATIONS.
3. EXISTING UTILITIES THAT ARE TO REMAIN SHALL BE PROTECTED, AND MINIMUM COVER SHALL BE MAINTAINED AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.
4. CONTRACTOR SHALL APPLY AND RECEIVE ALL PERMITS NECESSARY TO COMPLETE WORK WITHIN PUBLIC RIGHT-OF-WAYS. PROVIDE PROPER BARRICADES FOR WALKS AND STREETS ACCORDING TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
5. THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS. ANY ITEMS INDICATED TO REMAIN THAT ARE DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPAIRED OR REPLACED IN KIND, BY THE CONTRACTOR, AT NO COST TO THE OWNER.
6. ALL ORGANIC CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER, AT THE CONTRACTOR'S EXPENSE.
7. NO TOPSOIL SHALL BE REMOVED FROM THE SITE. CONTRACTOR SHALL COORDINATE DISPOSAL OF ANY EXCESS TOPSOIL WITH OWNER.
8. PROTECT ALL TREES AND SHRUBS NOT SCHEDULED FOR REMOVAL. NO EQUIPMENT OPERATION WITHIN EXISTING TREE ROOT ZONES SHALL BE ALLOWED. DO NOT STORE, STOCKPILE, OR PARK WITHIN THE ROOT ZONES OF EXISTING VEGETATION. DISTURBANCE WILL NOT BE PERMITTED OF EXISTING TREELINES.
9. ALL SITE CLEARING SHALL BE PERFORMED BY THE CONTRACTOR TO THE LIMITS OF DISTURBANCE MATERIALS AND STRUCTURES SHOWN FOR REMOVAL SHALL BE REMOVED IN THEIR ENTIRETY OFFSITE LEAVING ONLY NATURAL SOILS. REFER TO THE PROJECT MANUAL.
10. IN THE EVENT THAT ANY STRUCTURES OR HISTORICAL ELEMENTS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, CONSTRUCTION MANAGER, AND ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
11. IN THE EVENT THAT ANY HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, CONSTRUCTION MANAGER, AND ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.



0 40' 80'
Scale in feet



Sustainable Design
Consultants, LLC



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE
ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER, REVISION OR ADD TO ANY DRAWING BEARING THE
SEAL OF A LICENSED PROFESSIONAL. IF ALTERED, THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
WORKING ALTERED BY, FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A BRIEF DESCRIPTION
OF THE ALTERATION.

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

OVERALL DEMOLITION PLAN

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 40'

Drawing No.:

C-001

Sheet 4 of 58

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MASTER DEMOLITION KEYNOTE LEGEND

- 1 CLEAR AND GRUB LIMITS OF WORK / DISTURBANCE
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4. THE CONTRACTOR IS TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION OPERATIONS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO UTILITIES NOT SCHEDULED FOR REMOVAL. CONTRACT GEORGIA 811 P. 10.
5. EXISTING UTILITIES THAT ARE TO REMAIN SHALL BE PROTECTED, AND MINIMUM COVER SHALL BE MAINTAINED ALL TIMES DURING DEMOLITION AND CONSTRUCTION.
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12. IN THE EVENT THAT ANY STRUCTURES OR HISTORICAL ELEMENTS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ATTENTION OF THE OWNER, CONSTRUCTION MANAGER, AND ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
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MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

[illegible]

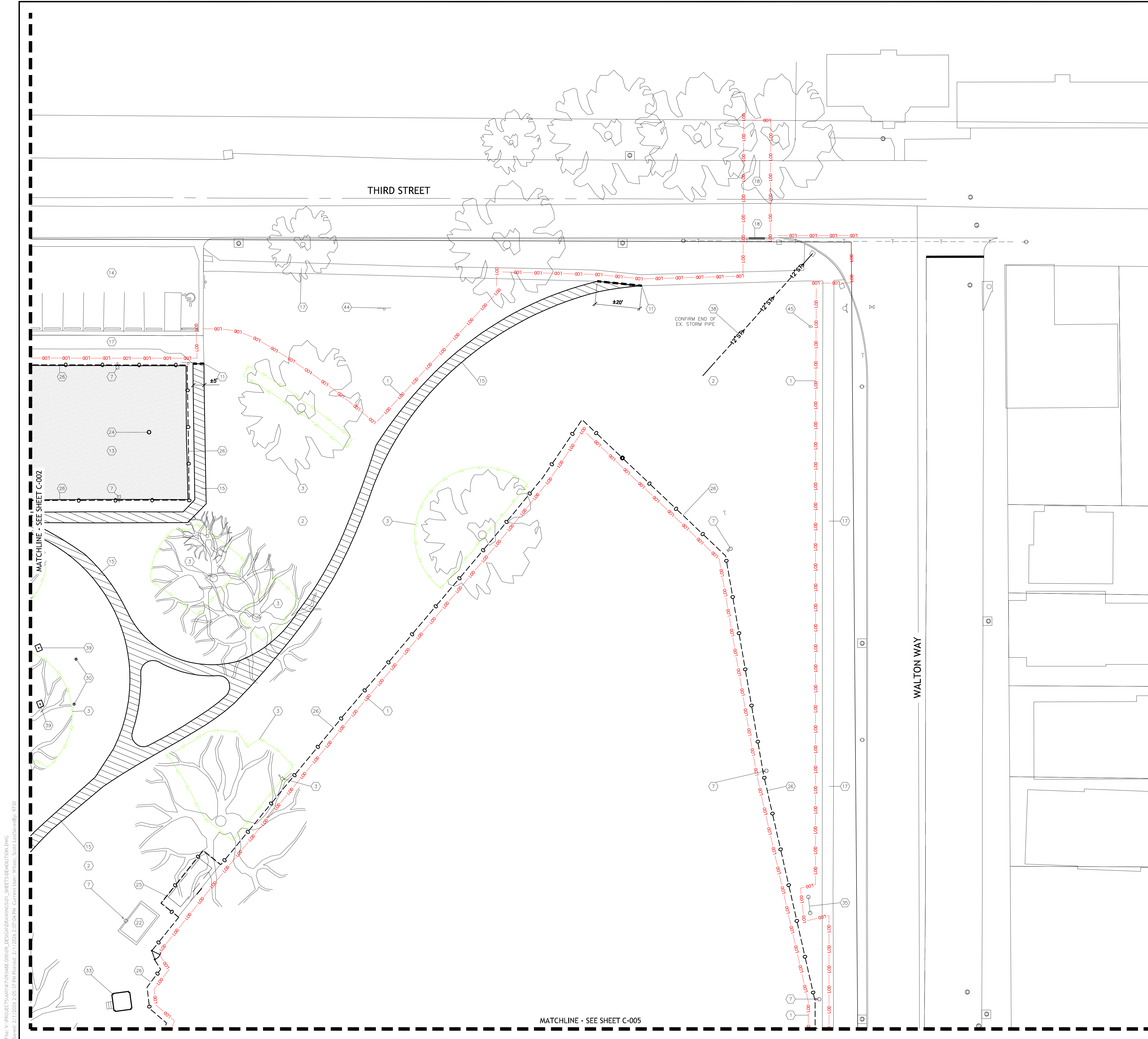
DEMOLITION
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SOUTHEAST

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Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

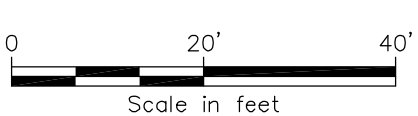
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Sheet 6 of 5

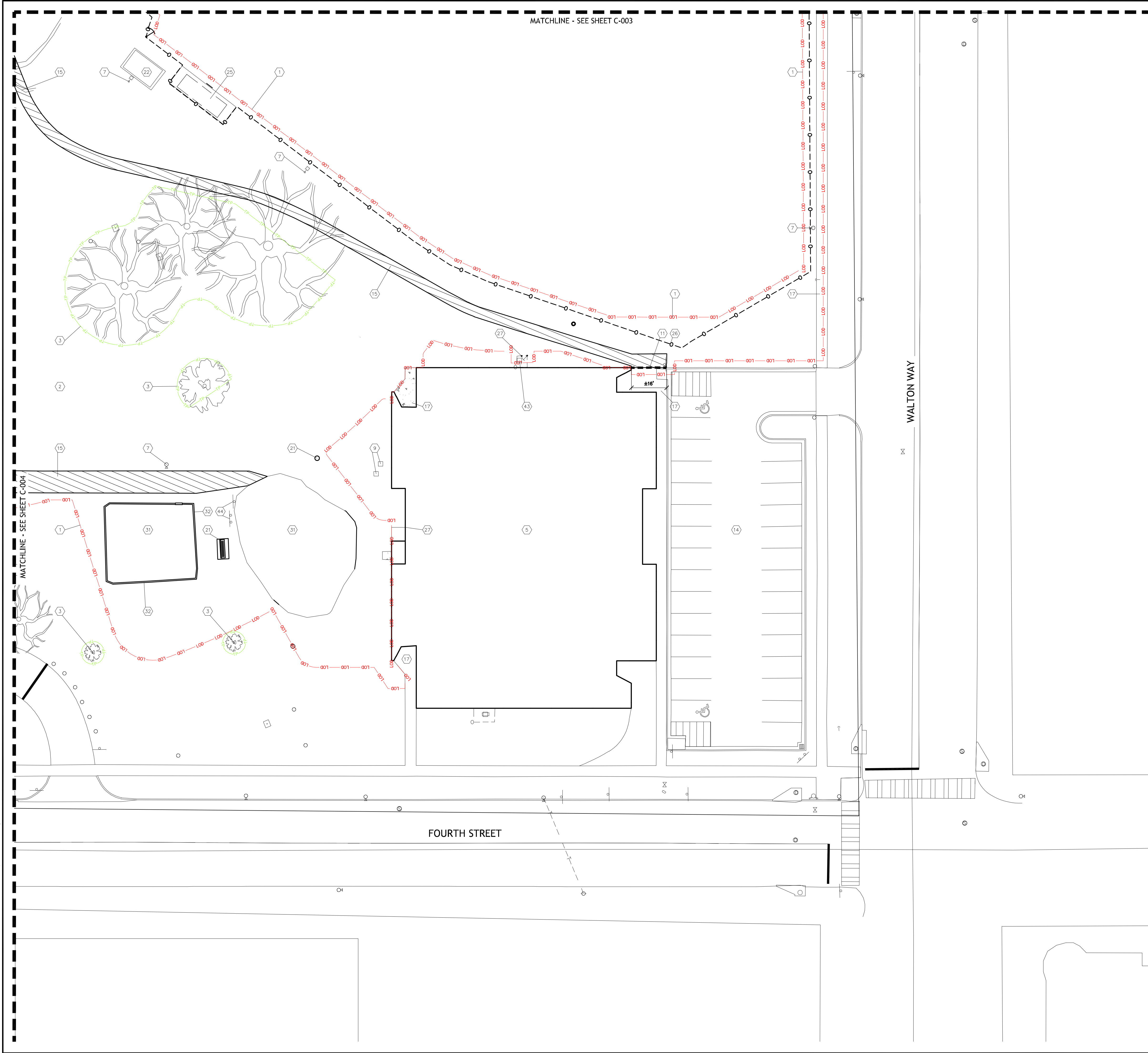


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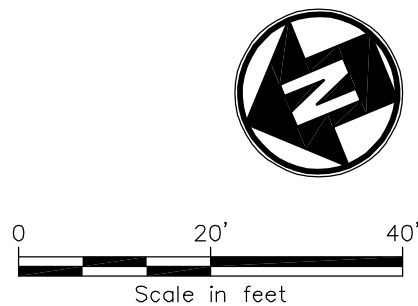


MASTER DEMOLITION KEYNOTE LEGEND

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GENERAL DEMOLITION NOTES

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- ALL ORGANIC CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER, AT THE CONTRACTOR'S EXPENSE.
- NO TOPSOIL SHALL BE REMOVED FROM THE SITE. CONTRACTOR SHALL COORDINATE DISPOSAL OF ANY EXCESS TOPSOIL WITH OWNER.
- PROTECT ALL TREES AND SHRUBS NOT SCHEDULED FOR REMOVAL. NO EQUIPMENT OPERATION WITHIN EXISTING TREE ROOT ZONES SHALL BE ALLOWED. DO NOT STORE, STOCKPILE, OR PARK WITHIN THE ROOT ZONES OF EXISTING VEGETATION. DISTURBANCE WILL NOT BE PERMITTED OF EXISTING TREELINES.
- ALL SITE CLEARING SHALL BE PERFORMED BY THE CONTRACTOR TO THE LIMITS OF DISTURBANCE. MATERIALS AND STRUCTURES SHOWN FOR REMOVAL SHALL BE REMOVED IN THEIR ENTIRETY OFFSITE LEAVING ONLY NATURAL SOILS. REFER TO THE PROJECT MANUAL.
- IN THE EVENT THAT ANY STRUCTURES OR HISTORICAL ELEMENTS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, CONSTRUCTION MANAGER, AND ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
- IN THE EVENT THAT ANY HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION OPERATIONS, THESE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER, CONSTRUCTION MANAGER, AND ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.



Sustainable Design
Consultants, LLC



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ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER OR ADD TO ANY PLAN. IF AN INDIVIDUAL
SHAPES OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
INDIVIDUAL, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
WORKING DATES BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

DEMOLITION
ENLARGEMENT -
SOUTHWEST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-005

Sheet 8 of 58

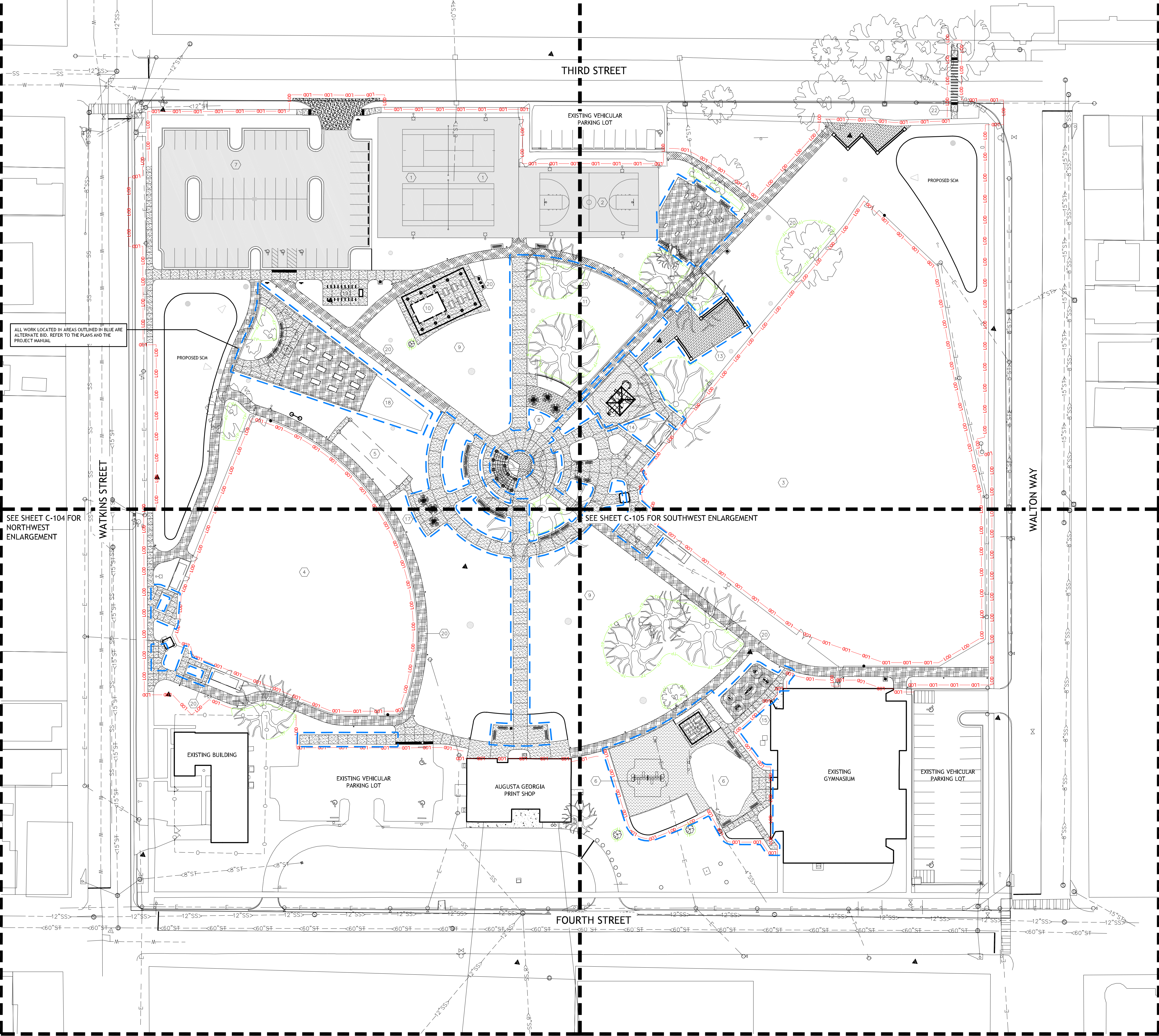
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Saved: 2/3/2026 11:14:59 AM Plotter: 2/3/2026 11:15:08 AM Current User: Wilson, Scott Last Saved: 2/3/2026 11:15:08 AM

SEE SHEET C-102 FOR NORTHEAST ENLARGEMENT

SEE SHEET C-103 FOR SOUTHEAST ENLARGEMENT

SEE SHEET C-104 FOR NORTHWEST ENLARGEMENT

SEE SHEET C-105 FOR SOUTHWEST ENLARGEMENT



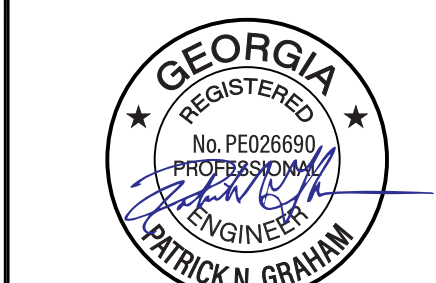
OVERALL SITE PLAN KEYNOTE LEGEND

- EXISTING TENNIS COURTS TO BE RESURFACED
- EXISTING BASKETBALL COURT TO BE RESURFACED
- EXISTING MULTIPURPOSE FIELD
- EXISTING BASEBALL / SOFTBALL FIELD
- EXISTING BATTING CAGE
- EXISTING PLAYGROUND AND SWINGS
- ASPHALT VEHICULAR PARKING LOT (57 STALLS) WITH GDOT APPROVED ENTRANCE / APRON AND CURB RAMPS
- CENTRAL PLAZA / GATHERING SPACE WITH PEROLA (ALTERNATE BID) AND SITTING AREAS
- OPEN LAWN PASSIVE PLAY AREA
- ±36' x 60' PICNIC PAVILION WITH RESTROOMS
- DOG PARK (ALTERNATE BID)
- CORNHOLE AREA (ALTERNATE BID)
- MEMORIAL GARDEN / SPECTATOR VIEWING AREA (ALTERNATE BID)
- PROPOSED PLAYGROUND WITH ENGINEERED WOOD FIBER SURFACING (ALTERNATE BID)
- FITNESS AREA (ALTERNATE BID)
- 20 x 20' OPEN-AIR SHELTER (ALTERNATE BID)
- CENTER FIELD VIEWING AREA (ALTERNATE BID)
- COMMUNITY GARDEN WITH RAISED PLANTERS (ALTERNATE BID)
- SHORT AND LONG TERM BICYCLE PARKING
- 8 FOOT WIDE STONE DUST WALKING TRAIL
- ENTRY PLAZA / LEGACY WALKING TRAIL TRAILHEAD AND EDUCATIONAL GATHERING SPACE
- CROSSWALK CONNECTION TO MAGNOLIA CEMETERY
- STREET SIGNAGE TO BE ADDED TO NAME CEMETERY ROADS FOR EMERGENCY RESPONSE
- STREET CURB NEAR INTERSECTION AND CEMETERY SIDE OF THIRD STREET TO BE MODIFIED FOR TRAFFIC CONTROL / CURB RAMPS

*ALTERNATE BID - ALL WORK WITHIN THE AREAS OUTLINED (BLUE) ON THESE PLANS, INCLUDING BUT NOT LIMITED TO ITEM REMOVAL, EARTHWORK, SITE IMPROVEMENTS, AND SITE FURNISHINGS, SHALL BE PRICED AS AN ALTERNATE BID. REFER TO THE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

SITE DATA

SITE ADDRESS	622 FOURTH STREET AUGUSTA, GA 30901
PARCEL NUMBER	047-4-451-00-0
SITE ACREAGE	±11.68 ACRES ±508,781 SQUARE FEET
EXISTING ZONING	R-3B (ONE-FAMILY RESIDENTIAL)
FLOOD MAP NUMBER	13245C 0130H
SETBACKS	FRONT 30' (MINOR OR LOCAL STREET) 40' (OTHER STREETS & HIGHWAYS) 10' EA. SIDE (LOT WIDTH OVER 70') SHALL APPLY, PROVIDED WHEN A SIDE YARD ABUTS A ZONE DESCRIBED IN SECTIONS 8-9 OF THIS ORDINANCE, NO STRUCTURE MAY BE CONSTRUCTED WITHIN 25' OF THE BOUNDARY OF THAT ZONE. IF A 6" BRICK OR STUCCO WALL IS CONSTRUCTED BEGINNING AT THE FRONT SETBACK LINE AND EXTENDING ALONG THE ENTIRE SIDE PROPERTY LINE ADJOINING THE ZONE DESCRIBED IN SECTIONS 8-9 OF THIS ORDINANCE, THEN THE REQUIRED SETBACK SHALL BE 15' WHERE A SIDE YARD ABUTS A PUBLIC STREET THE PROVISIONS FOR FRONT SETBACKS SHALL APPLY. REAR GREATER OF 25' OR 20% OF THE DEPTH OF THE LOT, BUT SUCH YARD NEED NOT EXCEED 50'
AREA	MIN. WIDTH OF 80' AND MINIMUM AREA OF 10,000 SF
HEIGHT	4 STORIES OR 75'
LOT COVERAGE	40% (BUILDINGS OR STRUCTURES)
OFF-STREET PARKING REQUIRED (RECREATIONAL FACILITIES NOT ELSEWHERE SPECIFIED)	THE NUMBER OF SPACES REQUIRED SHALL BE DETERMINED BY THE PLANNING AND DEVELOPMENT DEPARTMENT STAFF ON THE BASIS OF THE TYPE OF USE PROPOSED, ITS INTENDED OCCUPANCY, AND SEATING ARRANGEMENTS.
OFF-STREET LOADING REQUIREMENTS	NOT APPLICABLE
IN THE CASE OF A USE NOT SPECIFICALLY MENTIONED IN SECTION 4-5, THE REQUIREMENTS FOR OFF-STREET LOADING FACILITIES SHALL BE DETERMINED BY THE PLANNING COMMISSION. SUCH DETERMINATION SHALL BE BASED UPON THE REQUIREMENTS SET FORTH FOR THE MOST COMPARABLE USE SPECIFIED IN SECTION 4-5.	
BICYCLE PARKING REQUIREMENTS	20 TOTAL SPACES 18 SHORT TERM 2 LONG TERM PARKING PROVIDED AT A RATE OF ONE (1) BIKE SPACE FOR EVERY 10 VEHICLE PARKING SPACES 57 SPACES / 10 M 6 SPACES MIN. OF 2 SHORT AND LONG-TERM PARKING SPACES.
MINIMUM TREE CANOPY REQUIREMENT	30%
STREET YARD REQUIREMENT	XX LARGE TREES ONE (1) LARGE TREE FOR EACH 45 LF ON CENTER OF STREET FRONTAGE, WITH A LARGE TREE BEING LOCATED WITHIN 20' OF EACH SIDE PROPERTY LINE. ±XXX.XX / 45 ≈ XX TREES
MINIMUM INTERIOR LANDSCAPED AREAS	±1,101 SF 5% OF THE TOTAL INTERIOR AREA OF A PARKING LOT ±22,022 x .05 ≈ ±1,101 SF
INTERIOR LANDSCAPED AREA PROVIDED	±1,135 SF
SURVEY PERFORMED BY	EMC ENGINEERING SERVICES, INC. 4424 COLUMBIA ROAD SUITE B AUGUSTA, GA 30907 TEL.: (706) 863-8010



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MAY PARK - PARK IMPROVEMENTS

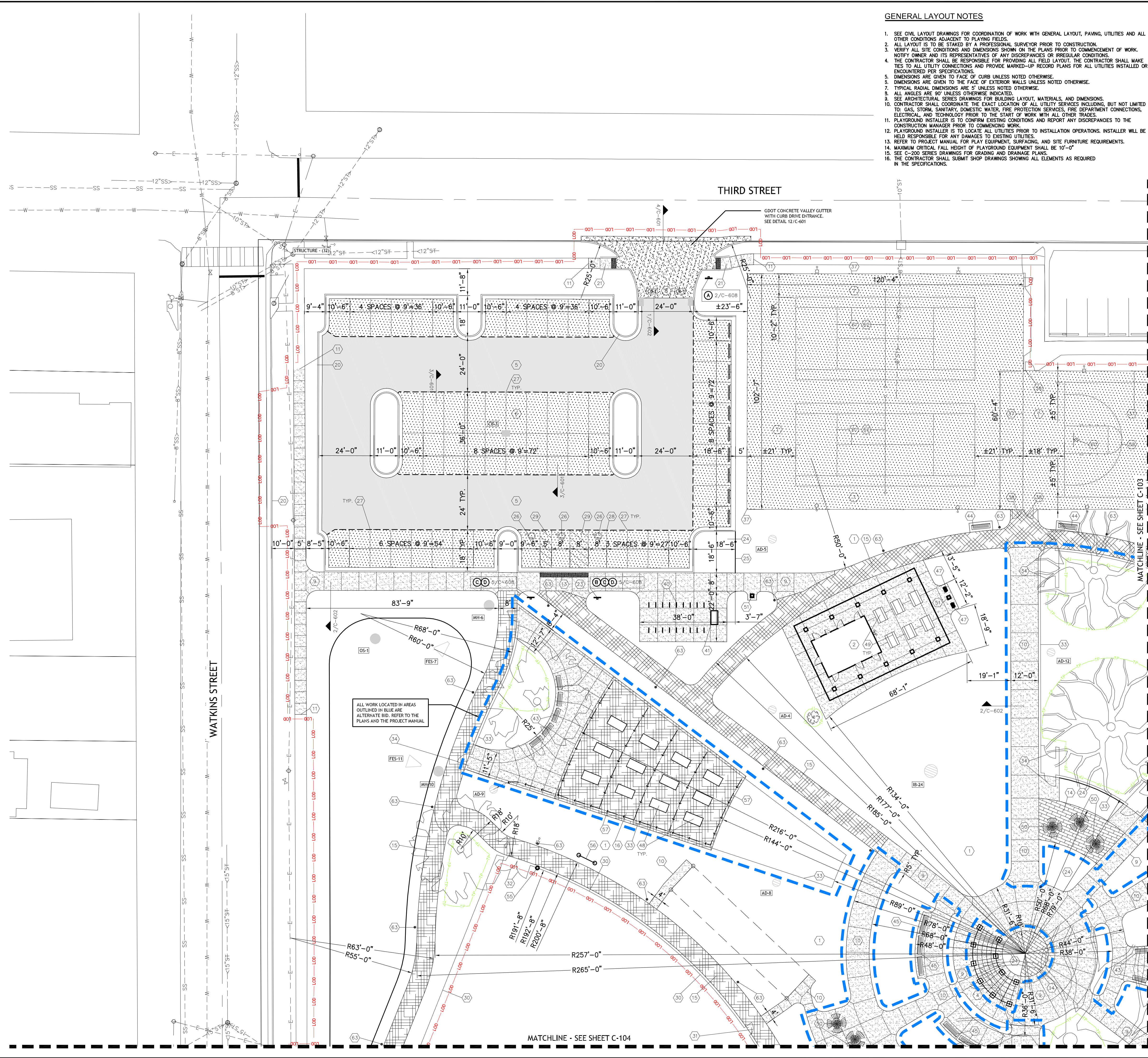
CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

OVERALL SITE PLAN

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 40'



GENERAL LAYOUT NOTES

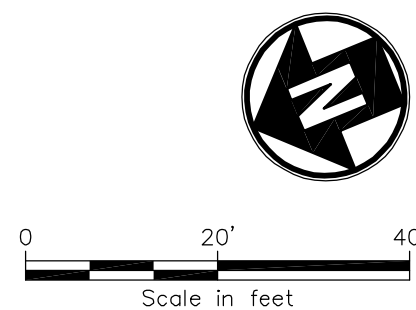
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2. ALL LAYOUT IS TO BE STAKED BY A PROFESSIONAL SURVEYOR PRIOR TO CONSTRUCTION.
3. VERIFY ALL SITE CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF WORK. NOTIFY OWNER AND ITS REPRESENTATIVES OF ANY DISCREPANCIES OR IRREGULAR CONDITIONS.
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MASTER LAYOUT KEYNOTE LEGEND

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- 2 36 FEET x 50 FEET PICNIC SHELTER WITH RESTROOMS, SEE ARCHITECTURAL SERIES DRAWINGS
- 3 20 FEET x 20 FEET OPEN AIR PICNIC SHELTER, SEE DETAIL 4 & 5/C-603 AND THE PROJECT MANUAL (ALTERNATE)
- 4 WOODEN PERGOLA, DELEGATED DESIGN, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 5 HEAVY DUTY ASPHALT PAVEMENT, SEE DETAIL 1/C-601
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- 11 ISOLATION JOINT, SEE DETAIL 8/C-601
- 12 ISOLATION JOINT, SEE DETAIL 8/C-601 (ALTERNATE)
- 13 DETECTABLE WARNING TILES, SEE DETAIL 9/C-601
- 14 CONCRETE PAVERS, SEE DETAIL 8/C-607 (ALTERNATE)
- 15 DECOMPOSED GRANITE, SEE DETAIL 9/C-602, COLOR SELECTION BY OWNER (ALTERNATE)
- 16 DECOMPOSED GRANITE, SEE DETAIL 9/C-602, COLOR SELECTION BY OWNER (ALTERNATE)
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- 18 18 INCH VERTICAL CURB, SEE DETAIL 10/C-601
- 19 24 INCH VERTICAL CURB, SEE DETAIL 10/C-601 (ALTERNATE)
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- 55 RELOCATED FOUL POLE, SEE DETAIL 3/C-603
- 56 RELOCATED SCOREBOARD
- 57 4 INCH PERFORATED CORRUGATED UNDERDRAINAGE WRAPPED IN FILTER FABRIC. SLOPE ALL PIPE AT 0.5 PERCENT MINIMUM UNLESS OTHERWISE NOTED. BEGIN UNDERDRAINAGE WITH A MINIMUM OF 12 INCHES OF COVER (ALTERNATE)
- 58 10' HOODED BACKSTOP, SEE DETAIL 1/C-605
- 59 PAINTED BASKETBALL COURT, SEE DETAIL 2 & 6/C-603
- 60 BASKETBALL GOAL, SEE DETAIL 7/C-603
- 61 PAINTED TENNIS COURT, SEE DETAIL 2 & 8/C-603
- 62 TENNIS NET POST AND CENTER STRAP, SEE DETAIL 9/C-603
- 63 SOLAR POWER BOLLARD, SEE DETAIL 9/C-607

PLAYGROUND AND FITNESS EQUIPMENT KEYNOTE LEGEND

- REFER TO PROJECT MANUAL FOR EQUIPMENT MATERIALS
PLAYGROUND (ALTERNATE BID)
- A PLAY STRUCTURE
 - B SPINNER
 - C SPRING
- FITNESS EQUIPMENT (ALTERNATE BID)**
- D CROSS TRAINER
 - E RECUMBENT BIKE
 - F FREE RUNNER
 - G ARM BIKE
 - H BIKE



MAY PARK - PARK IMPROVEMENTS

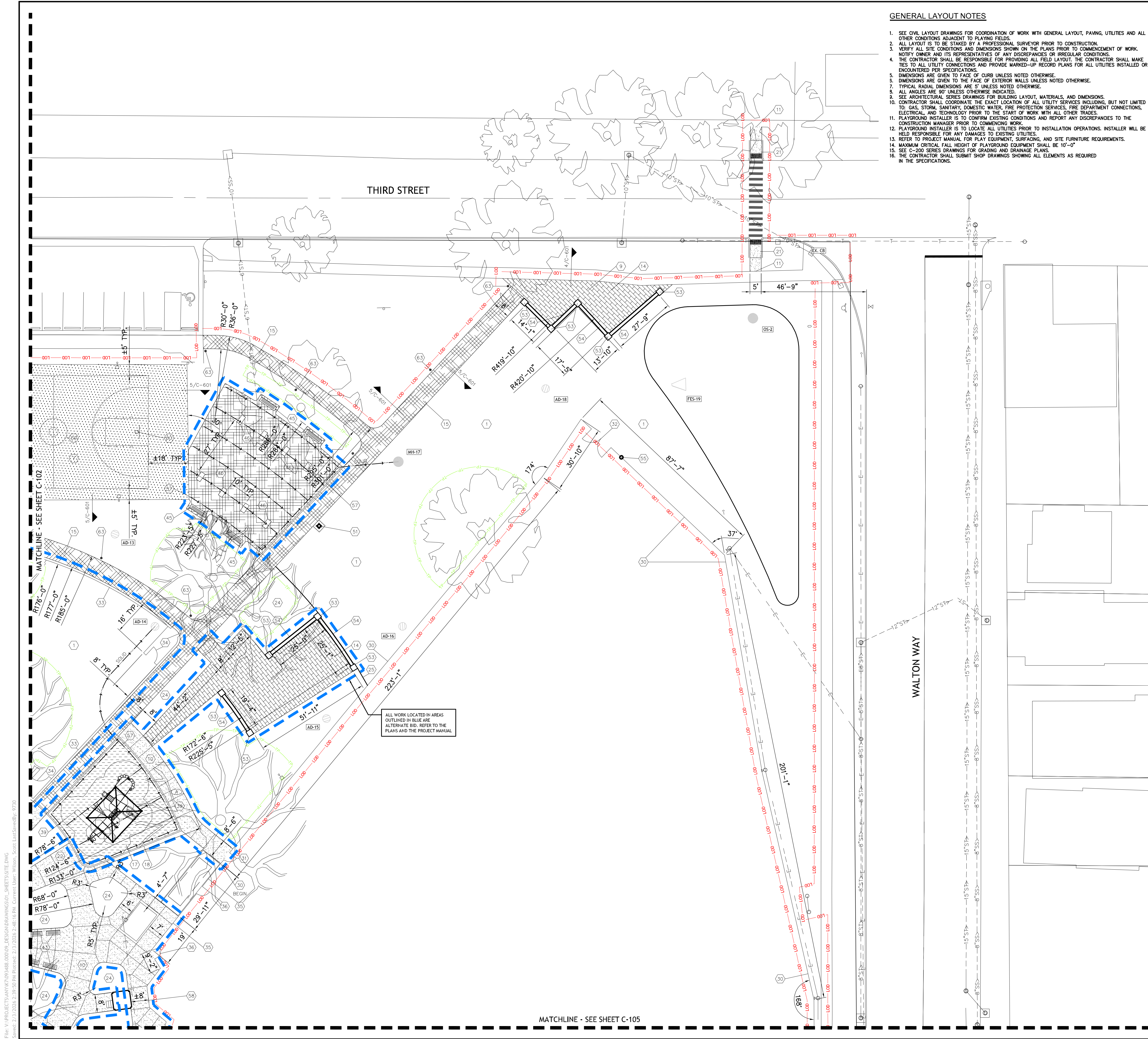
CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

SITE ENLARGEMENT - NORTHEAST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'



GENERAL LAYOUT NOTES

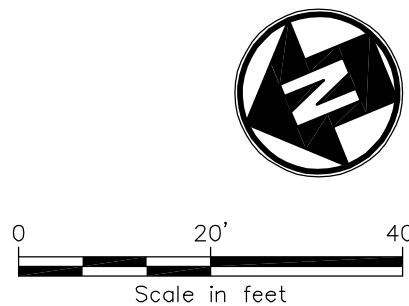
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- 57 4 INCH PERFORATED CORRUGATED UNDERDRAINAGE WRAPPED IN FILTER FABRIC. SLOPE ALL PIPE AT 0.5 PERCENT MINIMUM UNLESS OTHERWISE NOTED. BEGIN UNDERDRAINAGE WITH A MINIMUM OF 12 INCHES OF COVER (ALTERNATE)
- 58 10' HOODED BACKSTOP, SEE DETAIL 1/C-605
- 59 PAINTED BASKETBALL COURT, SEE DETAIL 2 & 6/C-603
- 60 BASKETBALL GOAL, SEE DETAIL 7/C-603
- 61 PAINTED TENNIS COURT, SEE DETAIL 2 & 8/C-603
- 62 TENNIS NET POST AND CENTER STRAP, SEE DETAIL 9/C-603
- 63 SOLAR POWER BOLLARD, SEE DETAIL 9/C-607

PLAYGROUND AND FITNESS EQUIPMENT KEYNOTE LEGEND

- REFER TO PROJECT MANUAL FOR EQUIPMENT MATERIALS
- PLAYGROUND (ALTERNATE BID)
- A PLAY STRUCTURE
 - B SPINNER
 - C SPRING
- FITNESS EQUIPMENT (ALTERNATE BID)
- D CROSS TRAINER
 - E RECUMBENT BIKE
 - F FREE RUNNER
 - G ARM BIKE
 - H BIKE



MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

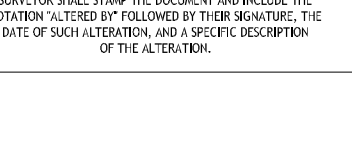
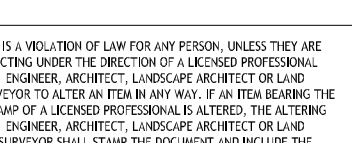
SITE ENLARGEMENT
- SOUTHEAST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-103

Sheet 11 of 58



MAY PARK -

PARK IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

22 FOURTH STREET
CITY OF AUGUSTA,

RICHMOND COUNTY,
GEORGIA

Submittal / Revision	Appr	By	Date
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Intercept / Precision	Ap	by	Scale

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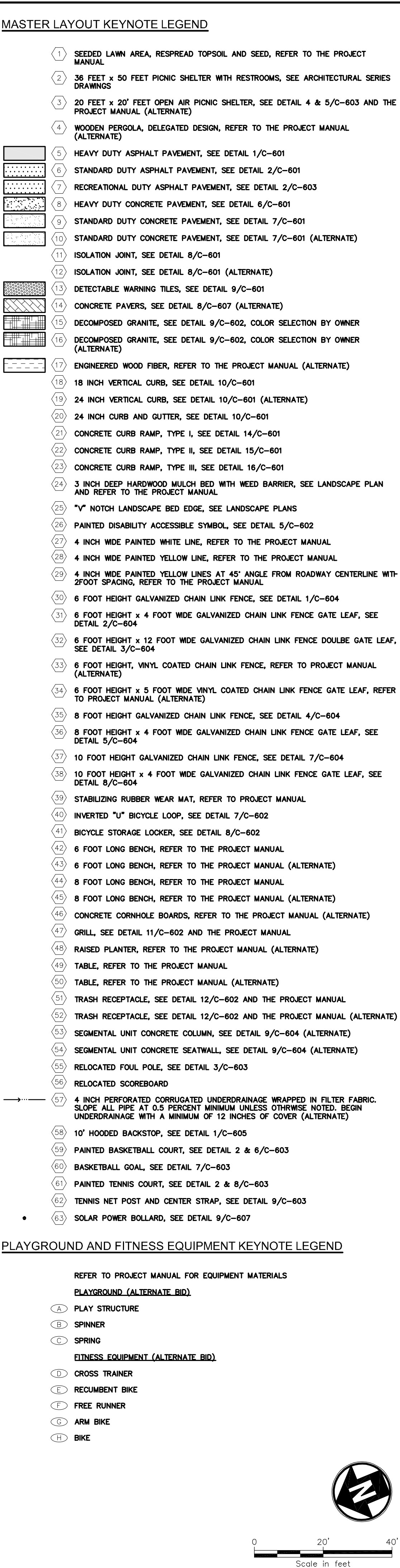
THE ENLARGEMENT OF NORTHWEST

Drawn By: SDW	Checked By: PG
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Date:	Project No.:	Scale:
0/26	093488.000	1" = 20'
Drawing No.:		

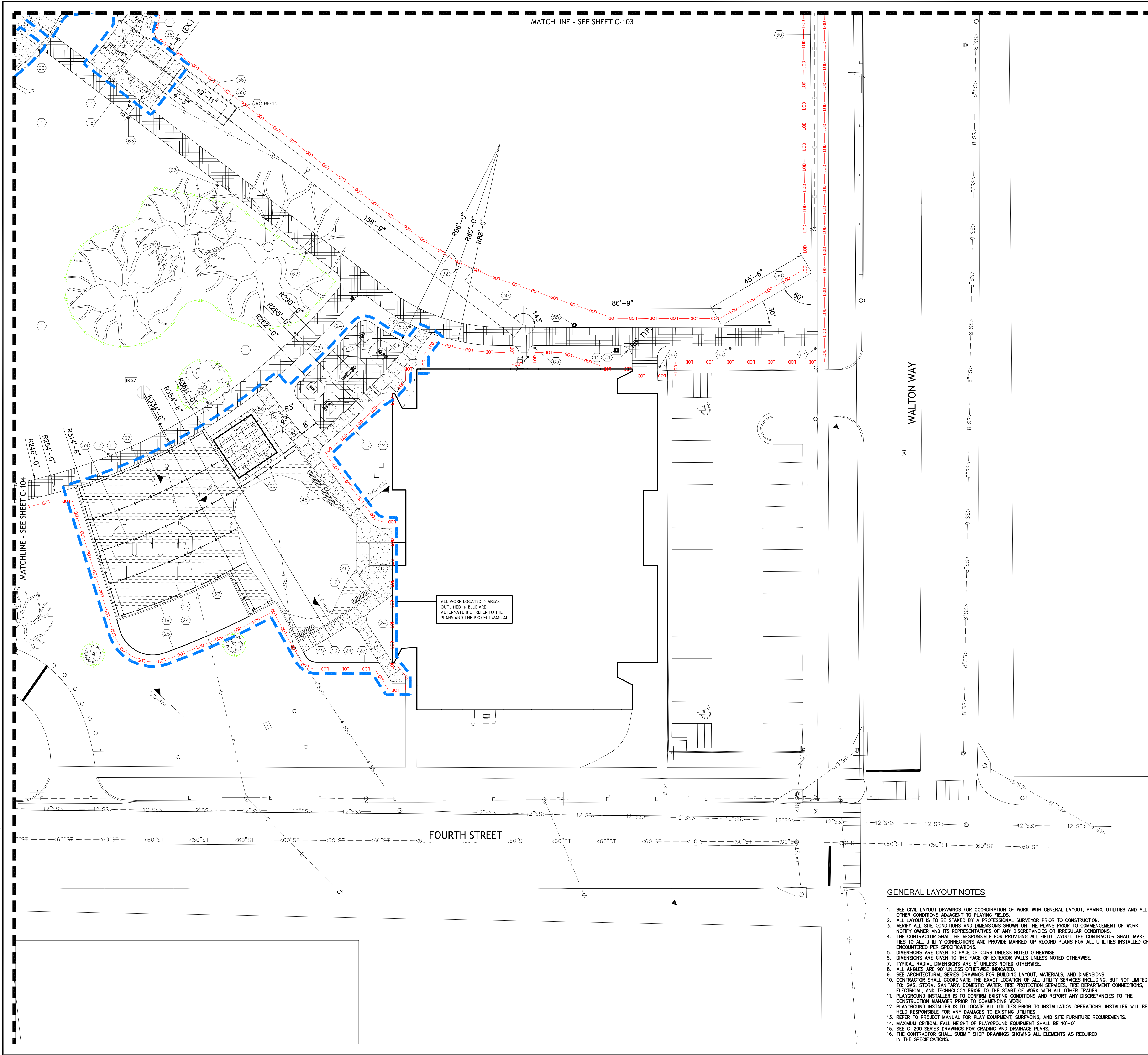
C-104

Sheet 12 of 58



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MASTER LAYOUT KEYNOTE LEGEND

- 1 SEEDED LAWN AREA, RESPREAD TOPSOIL AND SEED, REFER TO THE PROJECT MANUAL
- 2 36 FEET x 50 FEET PICNIC SHELTER WITH RESTROOMS, SEE ARCHITECTURAL SERIES DRAWINGS
- 3 20 FEET x 20' FEET OPEN AIR PICNIC SHELTER, SEE DETAIL 4 & 5/C-603 AND THE PROJECT MANUAL (ALTERNATE)
- 4 WOODEN PERGOLA, DELEGATED DESIGN, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 5 HEAVY DUTY ASPHALT PAVEMENT, SEE DETAIL 1/C-601
- 6 STANDARD DUTY ASPHALT PAVEMENT, SEE DETAIL 2/C-601
- 7 RECREATIONAL DUTY ASPHALT PAVEMENT, SEE DETAIL 2/C-603
- 8 HEAVY DUTY CONCRETE PAVEMENT, SEE DETAIL 6/C-601
- 9 STANDARD DUTY CONCRETE PAVEMENT, SEE DETAIL 7/C-601
- 10 STANDARD DUTY CONCRETE PAVEMENT, SEE DETAIL 7/C-601 (ALTERNATE)
- 11 ISOLATION JOINT, SEE DETAIL 8/C-601
- 12 ISOLATION JOINT, SEE DETAIL 8/C-601 (ALTERNATE)
- 13 DETECTABLE WARNING TILES, SEE DETAIL 9/C-601
- 14 CONCRETE PAVERS, SEE DETAIL 8/C-607 (ALTERNATE)
- 15 DECOMPOSED GRANITE, SEE DETAIL 9/C-602, COLOR SELECTION BY OWNER (ALTERNATE)
- 16 DECOMPOSED GRANITE, SEE DETAIL 9/C-602, COLOR SELECTION BY OWNER (ALTERNATE)
- 17 ENGINEERED WOOD FIBER, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 18 18 INCH VERTICAL CURB, SEE DETAIL 10/C-601
- 19 24 INCH VERTICAL CURB, SEE DETAIL 10/C-601 (ALTERNATE)
- 20 24 INCH CURB AND GUTTER, SEE DETAIL 10/C-601
- 21 CONCRETE CURB RAMP, TYPE I, SEE DETAIL 14/C-601
- 22 CONCRETE CURB RAMP, TYPE II, SEE DETAIL 15/C-601
- 23 CONCRETE CURB RAMP, TYPE III, SEE DETAIL 16/C-601
- 24 3 INCH DEEP HARDWOOD MULCH BED WITH WEED BARRIER, SEE LANDSCAPE PLAN AND REFER TO THE PROJECT MANUAL
- 25 "V" NOTCH LANDSCAPE BED EDGE, SEE LANDSCAPE PLANS
- 26 PAINTED DISABILITY ACCESSIBLE SYMBOL, SEE DETAIL 5/C-602
- 27 4 INCH WIDE PAINTED WHITE LINE, REFER TO THE PROJECT MANUAL
- 28 4 INCH WIDE PAINTED YELLOW LINE, REFER TO THE PROJECT MANUAL
- 29 4 INCH WIDE PAINTED YELLOW LINES AT 45° ANGLE FROM ROADWAY CENTERLINE WITH 2FOOT SPACING, REFER TO THE PROJECT MANUAL
- 30 6 FOOT HEIGHT GALVANIZED CHAIN LINK FENCE, SEE DETAIL 1/C-604
- 31 6 FOOT HEIGHT x 4 FOOT WIDE GALVANIZED CHAIN LINK FENCE GATE LEAF, SEE DETAIL 3/C-604
- 32 6 FOOT HEIGHT x 12 FOOT WIDE GALVANIZED CHAIN LINK FENCE DOUBLE GATE LEAF, SEE DETAIL 3/C-604
- 33 6 FOOT HEIGHT, VINYL COATED CHAIN LINK FENCE, REFER TO PROJECT MANUAL (ALTERNATE)
- 34 6 FOOT HEIGHT x 5 FOOT WIDE VINYL COATED CHAIN LINK FENCE GATE LEAF, REFER TO PROJECT MANUAL (ALTERNATE)
- 35 8 FOOT HEIGHT GALVANIZED CHAIN LINK FENCE, SEE DETAIL 4/C-604
- 36 8 FOOT HEIGHT x 4 FOOT WIDE GALVANIZED CHAIN LINK FENCE GATE LEAF, SEE DETAIL 5/C-604
- 37 10 FOOT HEIGHT GALVANIZED CHAIN LINK FENCE, SEE DETAIL 7/C-604
- 38 10 FOOT HEIGHT x 4 FOOT WIDE GALVANIZED CHAIN LINK FENCE GATE LEAF, SEE DETAIL 8/C-604
- 39 STABILIZING RUBBER WEAR MAT, REFER TO PROJECT MANUAL
- 40 INVERTED "U" BICYCLE LOOP, SEE DETAIL 7/C-602
- 41 BICYCLE STORAGE LOCKER, SEE DETAIL 8/C-602
- 42 6 FOOT LONG BENCH, REFER TO THE PROJECT MANUAL
- 43 6 FOOT LONG BENCH, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 44 8 FOOT LONG BENCH, REFER TO THE PROJECT MANUAL
- 45 8 FOOT LONG BENCH, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 46 CONCRETE CORNHOLE BOARDS, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 47 GRILL, SEE DETAIL 11/C-602 AND THE PROJECT MANUAL
- 48 RAISED PLANTER, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 49 TABLE, REFER TO THE PROJECT MANUAL
- 50 TABLE, REFER TO THE PROJECT MANUAL (ALTERNATE)
- 51 TRASH RECEPTACLE, SEE DETAIL 12/C-602 AND THE PROJECT MANUAL
- 52 TRASH RECEPTACLE, SEE DETAIL 12/C-602 AND THE PROJECT MANUAL (ALTERNATE)
- 53 SEGMENTAL UNIT CONCRETE COLUMN, SEE DETAIL 9/C-604 (ALTERNATE)
- 54 SEGMENTAL UNIT CONCRETE SEATWALL, SEE DETAIL 9/C-604 (ALTERNATE)
- 55 RELOCATED FOUL POLE, SEE DETAIL 3/C-603
- 56 RELOCATED SCOREBOARD
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PLAYGROUND AND FITNESS EQUIPMENT KEYNOTE LEGEND

REFER TO PROJECT MANUAL FOR EQUIPMENT MATERIALS

PLAYGROUND (ALTERNATE BID)

A PLAY STRUCTURE

B SPINNER

C SPRING

FITNESS EQUIPMENT (ALTERNATE BID)

D CROSS TRAINER

E RECREUMBENT BIKE

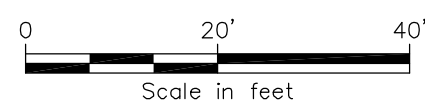
F FREE RUNNER

G ARM BIKE

H BIKE

GENERAL LAYOUT NOTES

1. SEE CIVIL LAYOUT DRAWINGS FOR COORDINATION OF WORK WITH GENERAL LAYOUT, PAVING, UTILITIES AND ALL OTHER CONDITIONS ADJACENT TO PLAYING FIELDS.
2. ALL LAYOUT IS TO BE STAKED BY A PROFESSIONAL SURVEYOR PRIOR TO CONSTRUCTION.
3. VERIFY ALL SITE CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF WORK. NOTIFY OWNER AND ITS REPRESENTATIVES OF ANY DISCREPANCIES OR IRREGULAR CONDITIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE CONTRACTOR SHALL MAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP RECORD PLANS FOR ALL UTILITIES INSTALLED OR ENCOUNTERED PER SPECIFICATIONS.
5. DIMENSIONS ARE GIVEN TO FACE OF CURB UNLESS NOTED OTHERWISE.
6. DIMENSIONS ARE GIVEN TO THE FACE OF EXTERIOR WALLS UNLESS NOTED OTHERWISE.
7. TYPICAL RADIAL DIMENSIONS ARE 5' UNLESS NOTED OTHERWISE.
8. ALL ANGLES ARE 90° UNLESS OTHERWISE INDICATED.
9. SEE ARCHITECTURAL SERIES DRAWINGS FOR BUILDING LAYOUT, MATERIALS, AND DIMENSIONS.
10. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL UTILITY SERVICES INCLUDING, BUT NOT LIMITED TO: GAS, STORM, SANITARY, DOMESTIC WATER, FIRE PROTECTION SERVICES, FIRE DEPARTMENT CONNECTIONS, ELECTRICAL, AND TECHNOLOGY PRIOR TO THE START OF WORK WITH ALL OTHER TRADES.
11. PLAYGROUND INSTALLER IS TO CONFIRM EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK.
12. PLAYGROUND INSTALLER IS TO LOCATE ALL UTILITIES PRIOR TO INSTALLATION OPERATIONS. INSTALLER WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO EXISTING UTILITIES.
13. REFER TO PROJECT MANUAL FOR PLAY EQUIPMENT, SURFACING, AND SITE FURNITURE REQUIREMENTS.
14. MAXIMUM CRITICAL FALL HEIGHT OF PLAYGROUND EQUIPMENT SHALL BE 10'-0"
15. SEE C-200 SERIES DRAWINGS FOR GRADING AND DRAINAGE PLANS.
16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ALL ELEMENTS AS REQUIRED IN THE SPECIFICATIONS.



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SURVEYOR TO ALTER OR MODIFY ANY PART OF A PLAN BEARING THE
SEAL OF A LICENSED PROFESSIONAL AS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
WORKING LETTERS BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

SITE ENLARGEMENT - SOUTHWEST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-105

Sheet 13 of 58

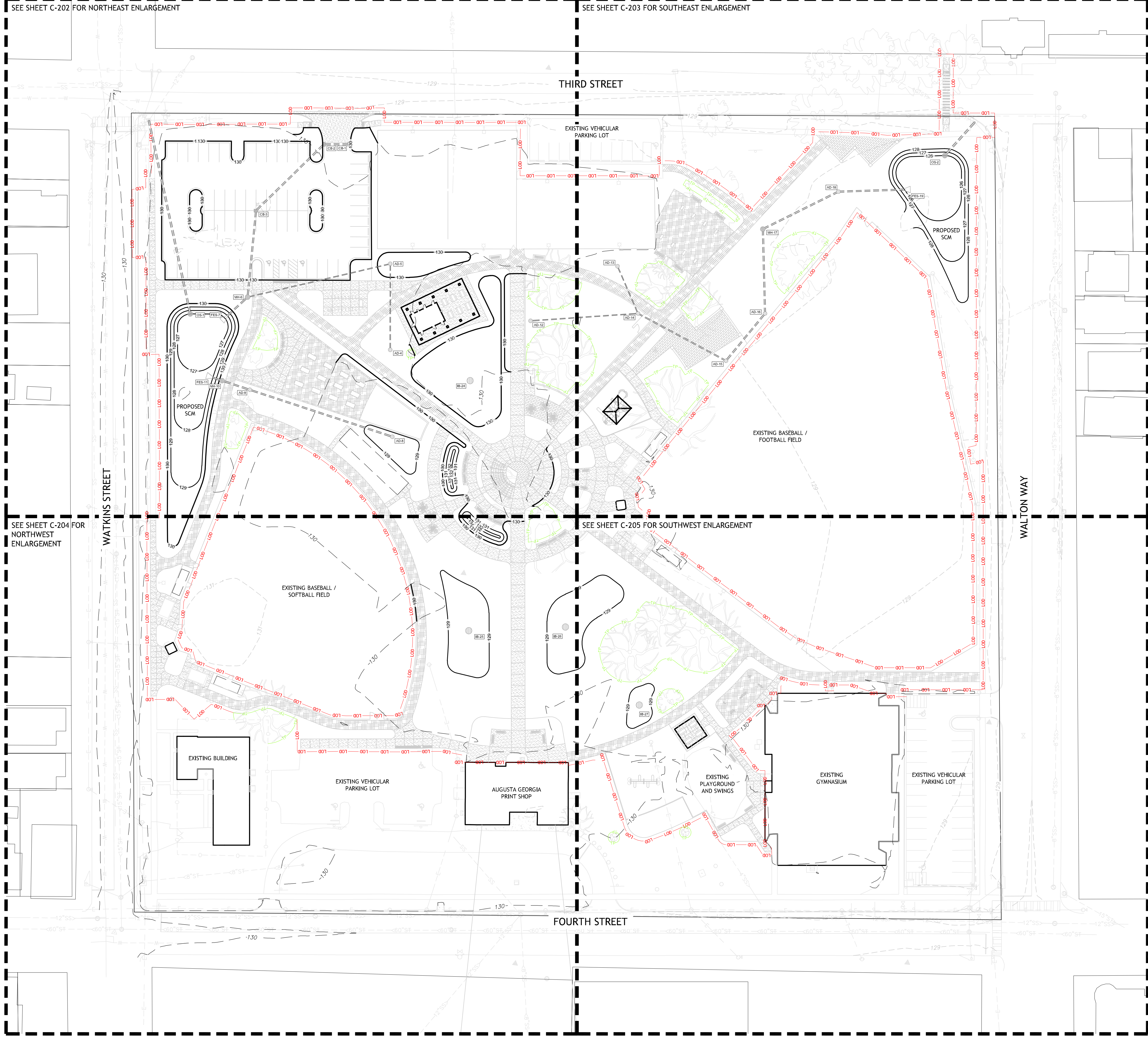
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LandscapeBy: 9720

SEE SHEET C-202 FOR NORTHEAST ENLARGEMENT

SEE SHEET C-203 FOR SOUTHEAST ENLARGEMENT

SEE SHEET C-204 FOR NORTHWEST ENLARGEMENT

SEE SHEET C-205 FOR SOUTHWEST ENLARGEMENT



GENERAL GRADING NOTES

1. FINISH GRADES TO MIRROR THAT OF THE FINISH SUBGRADE.
2. PROPOSED GRADES SHALL BLEND SMOOTHLY WITH ADJACENT PROPOSED ELEVATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
4. GRADE LAWN TO A SMOOTH, EVEN SURFACE TO THE SPOT ELEVATIONS AND CONTOURS SHOWN.
5. THE CONTRACTOR SHALL STAKE OUT ALL GRADES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. THE ENGINEER SHALL APPROVE STAKED GRADES.
6. PROTECT EXISTING UTILITIES, DRAINAGE STRUCTURES, AND FENCES FROM DAMAGE DURING GRADING.
7. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO COORDINATE THE PROTECTION OF DRAINAGE STRUCTURES AND DRAINAGE WAYS WITHIN THE PLAYING FIELD PROJECT AREA. RE: EROSION CONTROL PLAN FOR THE ENTIRE WORK SITE.
8. EXCESS MATERIAL FROM TRENCHES AND GENERAL EXCAVATION SHALL BE STOCKPILED ON SITE.
9. SEE TYPICAL CURB DETAIL 11/C-601 FOR VARIATIONS TO CURB PITCH. USE NORMAL GUTTER WHERE CURB IS BEING USED TO CONVEY SURFACE FLOW RUNOFF. USE BUILTUP GUTTER WHERE SURFACE FLOW SLOPES AWAY FROM CURB. MOST LIKELY INSTANCES OF AN ISLAND BEING USED TO PROTECT A TREE, LANDSCAPE, OR FOR VEHICULAR CONTROL. DO NOT TRAP SURFACE RUNOFF IN GUTTER; MAINTAIN POSITIVE OUTLET

LEGEND

- 129 — CONTOUR LINE
- SPOT ELEVATION
- SHEET FLOW DIRECTION

LEGEND

- BC BOTTOM OF CURB
BP BREAK POINT
BW BOTTOM OF WALL
EOP EDGE OF PAVEMENT
FF.C FINISHED FLOOR ELEVATION
HP HIGH POINT
LP LOW POINT
MEET EXISTING GRADE
M.E.G. MEET EXISTING GRADE
RM ELEVATION, TOP OF CASTING
TC TOP OF CURB
TW TOW OF WALL

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GEORGIA

DELTA
ENGINEERING

RAYMOND

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GEORGIA
REGISTERED
No. PE026690
PATRICK N. GRAHAM
ENGINEER

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**MAY PARK -
PARK
IMPROVEMENTS**

**CONSTRUCTION
DOCUMENTS**

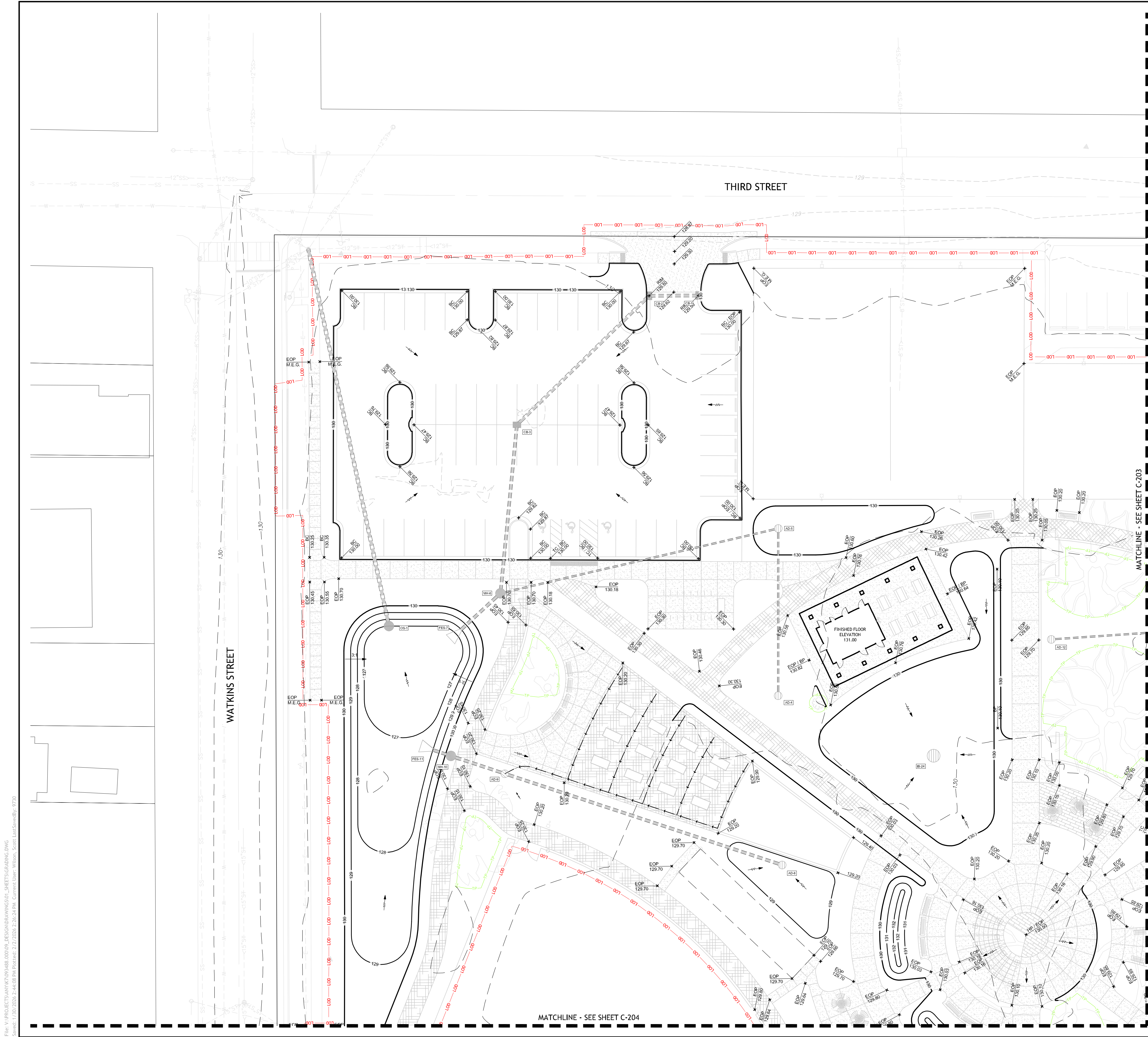
622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

OVERALL GRADING PLAN

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 40'

Drawing No.:
C-201
Sheet 14 of 58



GENERAL GRADING NOTES

1. FINISH GRADES TO MIRROR THAT OF THE FINISH SUBGRADE.
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LEGEND

- 129 ————— CONTOUR LINE
- SPOT ELEVATION
- SHEET FLOW DIRECTION

LEGEND

- BC BOTTOM OF CURB
BP BREAK POINT
EOP EDGE OF PAVEMENT
F.F.E. FINISHED FLOOR ELEVATION
HP HIGH POINT
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MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

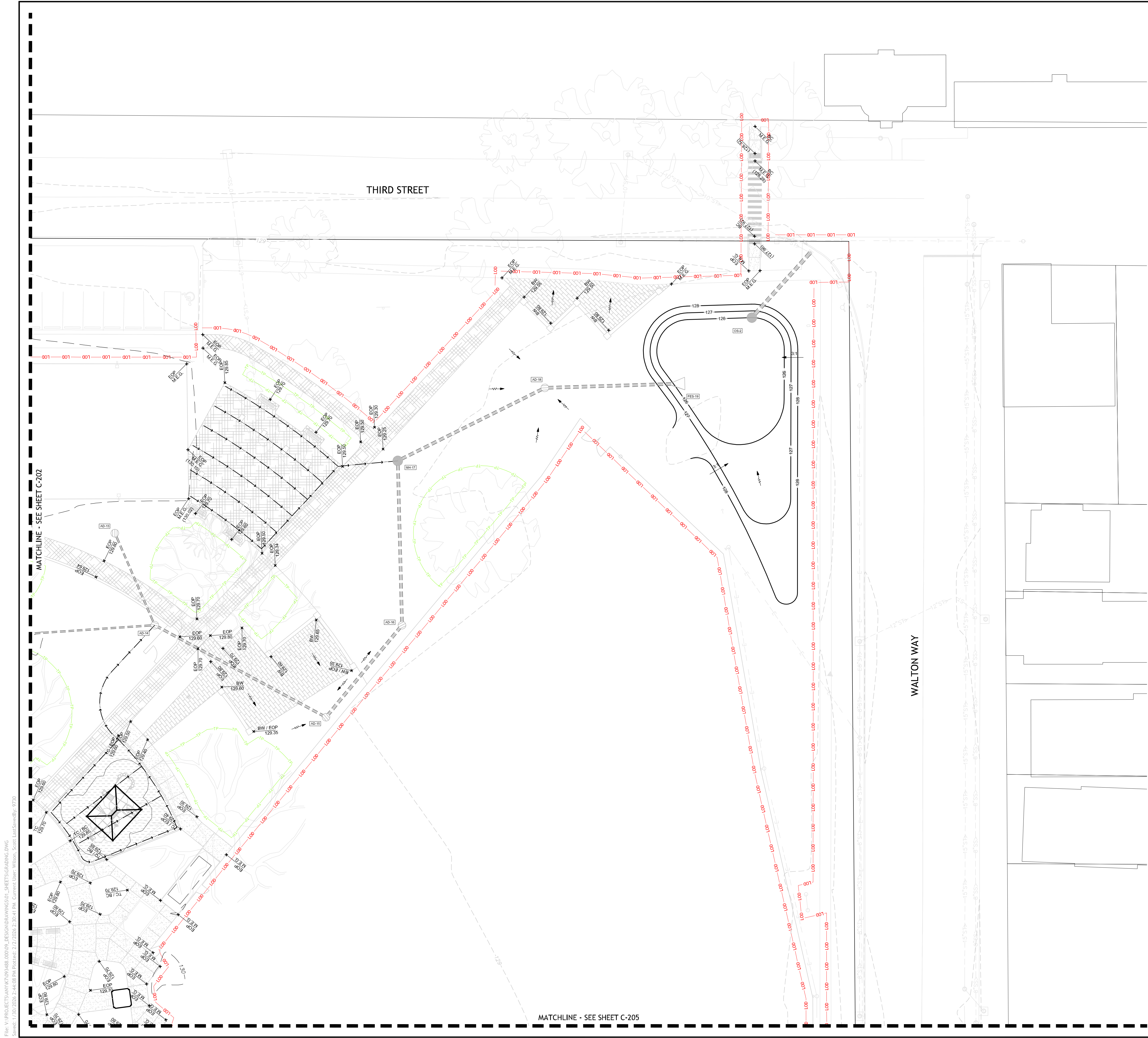
622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

GRADING
ENLARGEMENT -
NORTHEAST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawn No.:
C-202
Sheet 15 of 58



GENERAL GRADING NOTES

1. FINISH GRADES TO MIRROR THAT OF THE FINISH SUBGRADE.
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LEGEND

- 129 ——— CONTOUR LINE
- EQP 129.70 SPOT ELEVATION
- > SHEET FLOW DIRECTION

LEGEND

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EOP EDGE OF PAVEMENT
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TW TOW OF WALL

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MAY PARK -
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IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
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RICHMOND COUNTY,
GEORGIA

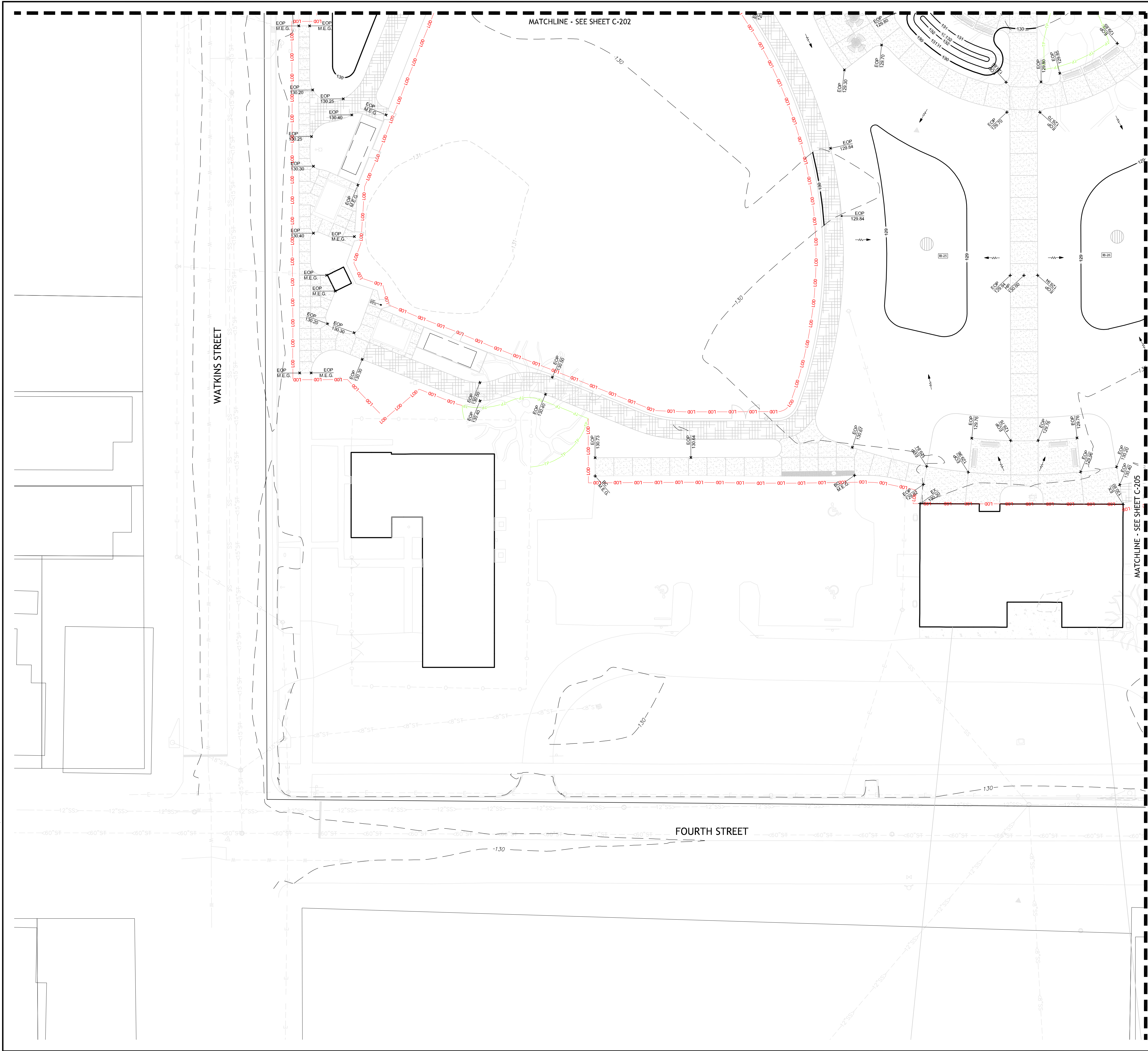
No.	Submittal / Revision	App	By	Date

GRADING
ENLARGEMENT -
SOUTHEAST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:
C-203
Sheet 16 of 58

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GENERAL GRADING NOTES

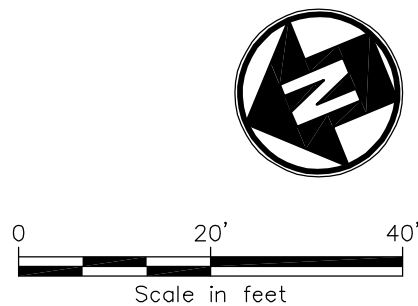
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4. GRADE LAWN TO A SMOOTH, EVEN SURFACE TO THE SPOT ELEVATIONS AND CONTOURS SHOWN.
5. THE CONTRACTOR SHALL STAKE OUT ALL GRADES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. THE ENGINEER SHALL APPROVE STAKED GRADES.
6. PROTECT EXISTING UTILITIES, DRAINAGE STRUCTURES, AND FENCES FROM DAMAGE DURING GRADING.
7. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO COORDINATE THE PROTECTION OF DRAINAGE STRUCTURES AND DRAINAGE WAYS WITHIN THE PLAYING FIELD PROJECT AREA. RE: EROSION CONTROL PLAN FOR THE ENTIRE WORK SITE.
8. EXCESS MATERIAL FROM TRENCHES AND GENERAL EXCAVATION SHALL BE STOCKPILED ON SITE.
9. SEE TYPICAL CURB DETAIL 11/C-601 FOR VARIATIONS TO CURB PITCH. USE NORMAL GUTTER WHERE CURB IS BEING USED TO CONVEY SURFACE FLOW RUNOFF. USE BICHED GUTTER WHERE SURFACE FLOW SLOPES AWAY FROM CURB. MOST LIKELY INSTANCES OF AN ISLAND BEING USED TO PROTECT A TREE, LANDSCAPE, OR FOR VEHICULAR CONTROL. DO NOT TRAP SURFACE RUNOFF IN GUTTER; MAINTAIN POSITIVE OUTLET

LEGEND

- 129 — CONTOUR LINE
- EOP 129.76 — SPOT ELEVATION
- SHEET FLOW DIRECTION

LEGEND

- BC BOTTOM OF CURB
BP BREAK POINT
EOP EDGE OF PAVEMENT
F.F.E. FINISHED FLOOR ELEVATION
HP HIGH POINT
LP LOW POINT
M.E.G. MEET EXISTING GRADE
RM ELEVATION, TOP OF CASTING
TC TOP OF CURB
TW TOW OF WALL



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SURVEYOR TO ALTER OR REPAIR ANY PART OF A PROJECT DRAWING THE
SIGNATURE OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
WORKING DATES BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF EACH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

GRADING
ENLARGEMENT -
NORTHWEST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-204

Sheet 17 of 58



WALTON WAY

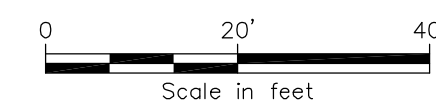
1. FINISH GRADES TO MIRROR THAT OF THE FINISH SUBGRADE.
2. PROPOSED GRADES SHALL BLEND SMOOTHLY WITH ADJACENT PROPOSED ELEVATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
4. GRADE LAWN TO A SMOOTH, EVEN SURFACE TO THE SPOT ELEVATIONS AND CONTOURS SHOWN.
5. THE CONTRACTOR SHALL STAKE OUT ALL GRADES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. THE ENGINEER SHALL APPROVE STAKED GRADES.
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— 129 — CONTOUR LINE

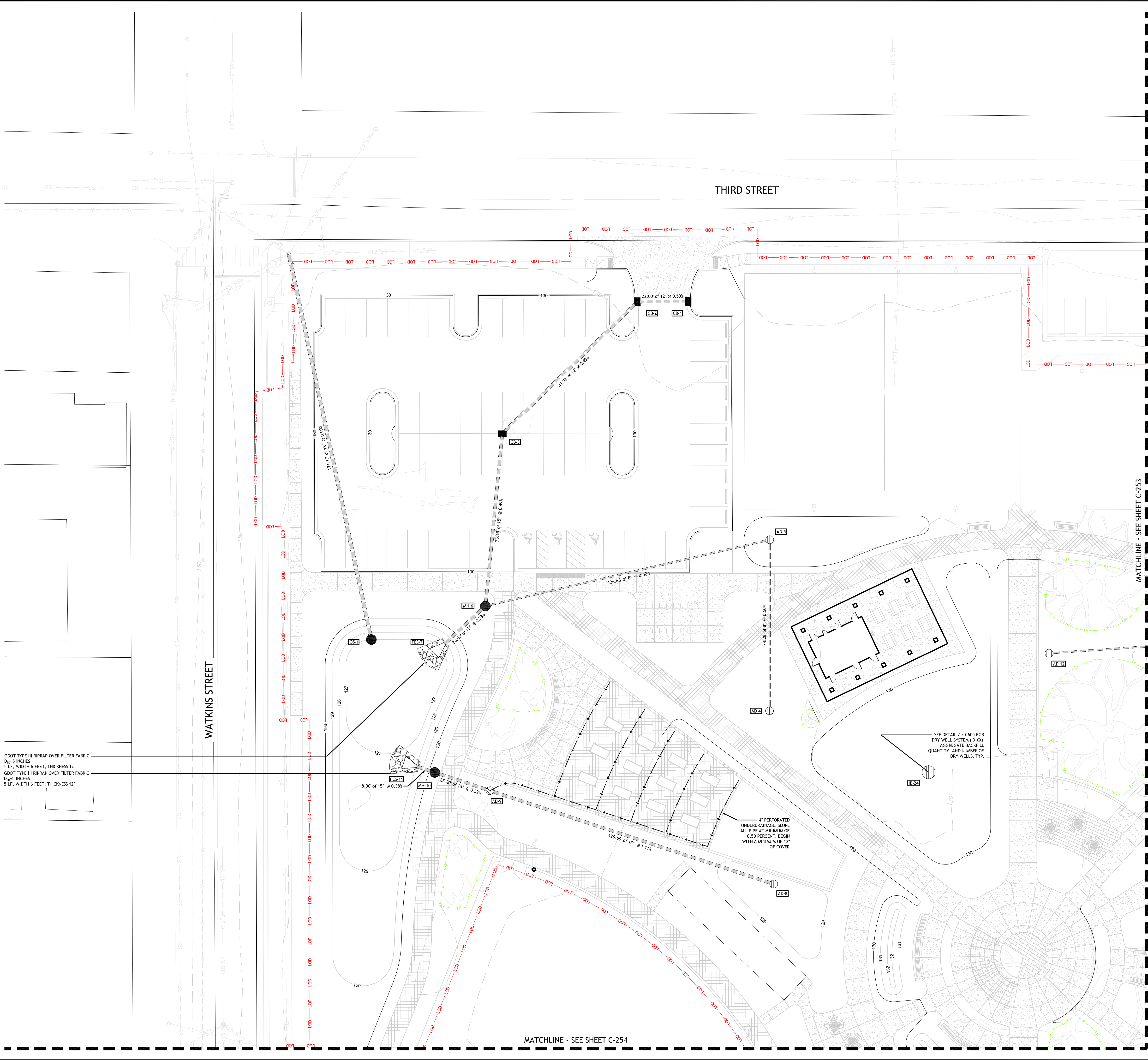
★ EOP
129.70 SPOT ELEVATION

— 129 — SHEET FLOW DIRECTION

BC	BOTTOM OF CURB
BP	BREAK POINT
BW	BOTTOM OF WALL
EOP	EDGE OF PAVEMENT
F.F.E.	FINISHED FLOOR ELEVATION
HP	HIGH POINT
LP	LOW POINT
M.E.G.	MEET EXISTING GRADE
RIM	RIM ELEVATION, TOP OF CASTING
TC	TOP OF CURB
TW	TOW OF WALL



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GENERAL DRAINAGE NOTES

1. STORM PIPE SHALL BE HDPE, SIZED AS SHOWN UNLESS NOTED OTHERWISE IN STORM DRAINAGE SCHEDULE.
2. CB - CATCH BASIN WITH FRAME, GRATE AND IF APPLICABLE, HOOD PER GDOT.
3. AD - AREA DRAIN, ADS NYLOPLAST OR SIMILAR, HDPE OR SIMILAR TO BE INSTALLED BETWEEN AREA DRAIN @ 0.50% MIN. SLOPE. SEE STORM DRAIN SCHEDULE, SHEET C-253.
4. MH - 48" HP MANHOLE WITH GRATE AND FRAME, LID AND FRAME, ASPHALT OR TURF TRIPLE WALL POLYPROPYLENE RISER OR APPROVED EQUAL.
5. FES - HDPE DUAL WALL FLARED END SECTION OR APPROVED EQUAL.
6. IB - NDS FLO-WELL DRY WELL INFILTRATION BASIN OR APPROVED EQUAL.
7. OS - OUTLET STRUCTURE PER DETAILS ON PLANS.
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LEGEND

- PERFORATED UNDERDRAIN
→ SOLID
→ SOLID CORRUGATED UNDERDRAIN
• DRAIN BASIN / CLEANOUT

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No. PE026590
PATRICK N. GRAHAM
ENGINEER

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OR ANY PART OF A LICENSED PROFESSIONAL'S ALTERED, THE ALTERING
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MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

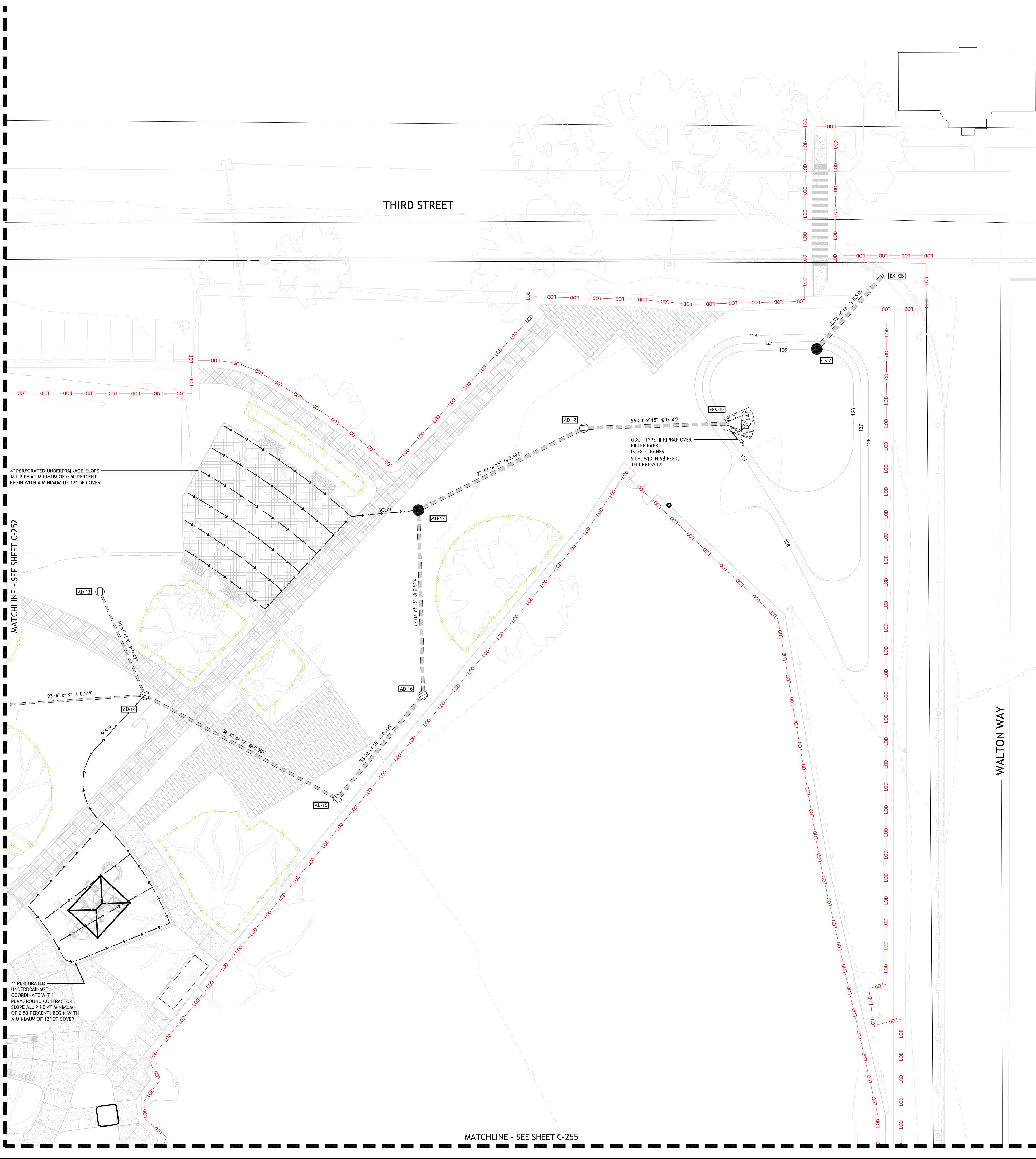
No.	Submittal / Revision	Appr	By	Date

DRAINAGE
ENLARGEMENT -
NORTHEAST

Designed By: SDW	Drawn By: XXX	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawn No.:
C-252
Sheet 20 of 58

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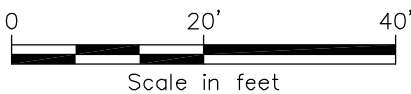
GENERAL DRAINAGE NOTES

1. STORM PIPE SHALL BE HDPE, SIZED AS SHOWN UNLESS NOTED OTHERWISE IN STORM DRAINAGE SCHEDULE.
2. CB - CATCH BASIN WITH FRAME, GRATE AND IF APPLICABLE, HOOD PER GDOT.
3. AD - AREA DRAIN, ADS NYLOPLAST OR SIMILAR, HDPE OR SIMILAR TO BE INSTALLED BETWEEN AREA DRAIN @ 0.50% MIN. SLOPE. SEE STORM DRAIN SCHEDULE, SHEET C-253.
4. MH - 48" HP MANHOLE WITH GRATE AND FRAME, LID AND FRAME, ASPHALT OR TURF TRIPLE WALL POLYPROPYLENE RISER OR APPROVED EQUAL.
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16. DRAIN BASINS BASED ON NYLOPLAST STRUCTURES, OR APPROVED EQUAL. SUBMIT SHOP DRAWINGS / ORDER FORMS OF EACH BASIN FOR APPROVAL BY ENGINEER, RE: SPECIFICATIONS.

LEGEND

- PERFORATED UNDERDRAIN
→ SOLID
→ SOLID CORRUGATED UNDERDRAIN
• DRAIN BASIN / CLEANOUT

STORM DRAINAGE SCHEDULE										
Structure	Rim	Invert In	From Str	Invert Out	Length	Size	Material	Slope	To Structure	Remarks
BASIN B										
CB-1	129.50	---	---	128.21	22 ft	12"	RCP	0.50%	CB-2	Class IV
CB-2	129.50	128.10	CB-1	128.10	82 ft	12"	RCP	0.49%	CB-3	Class IV
CB-3	129.00	127.70	CB-2	127.70	75 ft	12"	HDPE	0.49%	MH-6	
AD-4	130.00	---	---	128.33	74 ft	8"	HDPE	0.50%	AD-5	
AD-5	129.00	127.96	AD-4	127.96	127 ft	8"	HDPE	0.50%	MH-6	
MH-6	132.00	127.33	CB-3	127.33	24 ft	15"	HDPE	0.33%	FES-7	
FES-7	127.25	127.25	MH-6	127.25						
AD-8	129.50	---	---	128.03	130 ft	15"	HDPE	0.50%	AD-9	
AD-9	130.00	127.38	AD-8	127.38	25 ft	15"	HDPE	0.52%	MH-10	
MH-10	131.00	127.25	AD-9	127.25	8 ft	15"	HDPE	0.38%	FES-11	
FES-11	127.22	127.22	MH-10	127.22						
BASIN E										
AD-12	129.50	---	---	128.67	93 ft	8"	HDPE	0.51%	AD-14	
AD-13	129.50	---	---	128.42	45 ft	8"	HDPE	0.49%	AD-14	
AD-14	129.50	128.20	AD-13	128.20	86 ft	12"	HDPE	0.50%	AD-15	
AD-15	129.20	127.77	AD-14	127.77	53 ft	15"	HDPE	0.49%	AD-16	
AD-16	129.20	127.51	AD-15	127.51	73 ft	15"	HDPE	0.51%	MH-17	
MH-17	129.25	127.14	AD-16	127.14	73 ft	15"	HDPE	0.49%	AD-18	
AD-18	128.30	126.78	MH-17	126.78	56 ft	15"	HDPE	0.50%	FES-19	
FES-19			AD-18	126.50						



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OF THE ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

DRAINAGE
ENLARGEMENT -
SOUTHEAST

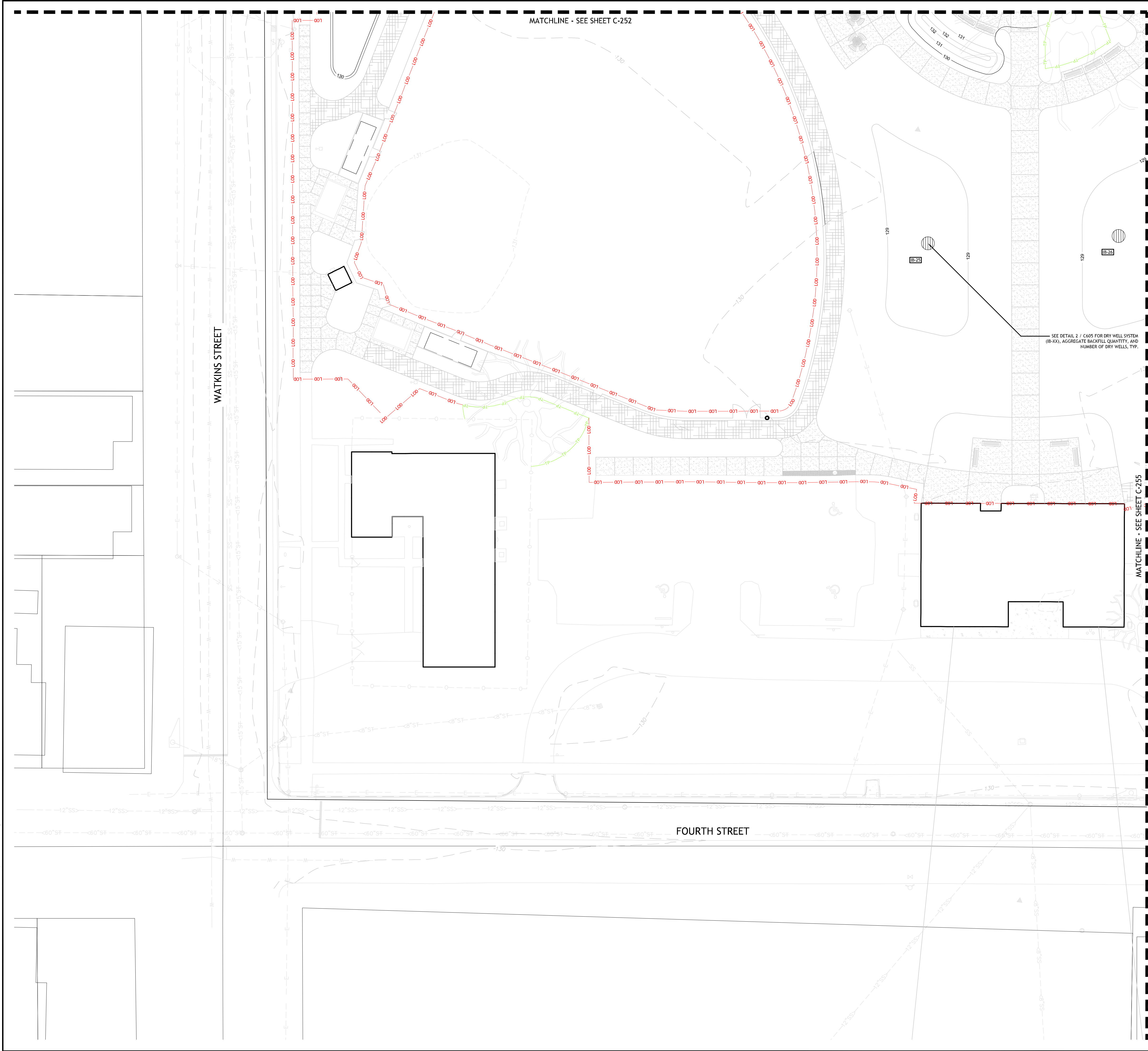
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Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-253

Sheet 21 of 58

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GENERAL DRAINAGE NOTES

1. STORM PIPE SHALL BE HDPE, SIZED AS SHOWN UNLESS NOTED OTHERWISE IN STORM DRAINAGE SCHEDULE.
2. CB - CATCH BASIN WITH FRAME, GRATE AND IF APPLICABLE, HOOD PER GDOT.
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LEGEND

- PERFORATED UNDERDRAIN
- SOLID
- SOLID CORRUGATED UNDERDRAIN
- DRAIN BASIN / CLEANOUT

SEE DETAIL 2 / C405 FOR DRY WELL SYSTEM (IB-XX), AGGREGATE BACKFILL QUANTITY, AND NUMBER OF DRY WELLS, TYP.

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SD
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Consultants, LLC

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. PE026690
PATRICK N. GRAHAM

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MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
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RICHMOND COUNTY,
GEORGIA

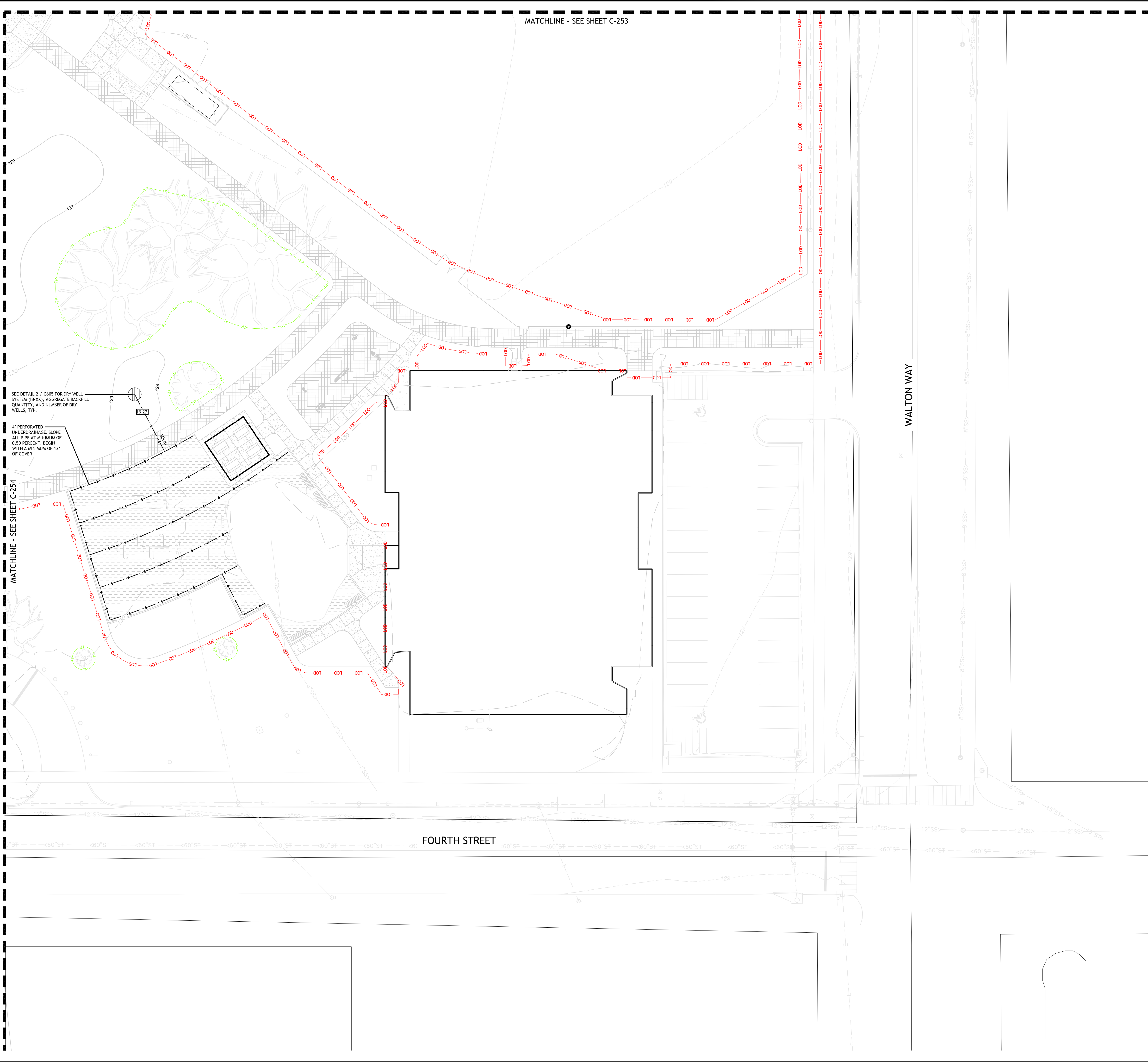
No.	Submittal / Revision	Appr	By	Date

DRAINAGE ENLARGEMENT - NORTHWEST

Designed By: SDW	Drawn By: XXX	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:
C-254
Sheet 22 of 58

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GENERAL DRAINAGE NOTES

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LEGEND

- PERFORATED UNDERDRAIN
- SOLID CORRUGATED UNDERDRAIN
- DRAIN BASIN / CLEANOUT

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MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

DRAINAGE
ENLARGEMENT -
SOUTHWEST

Designed By:
SDW

Drawn By:
XXX

Issue Date:
01/30/26

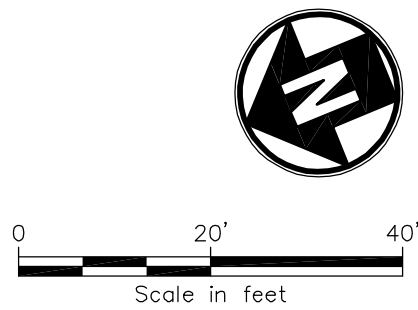
Checked By:
PG

Project No.:
093488.000

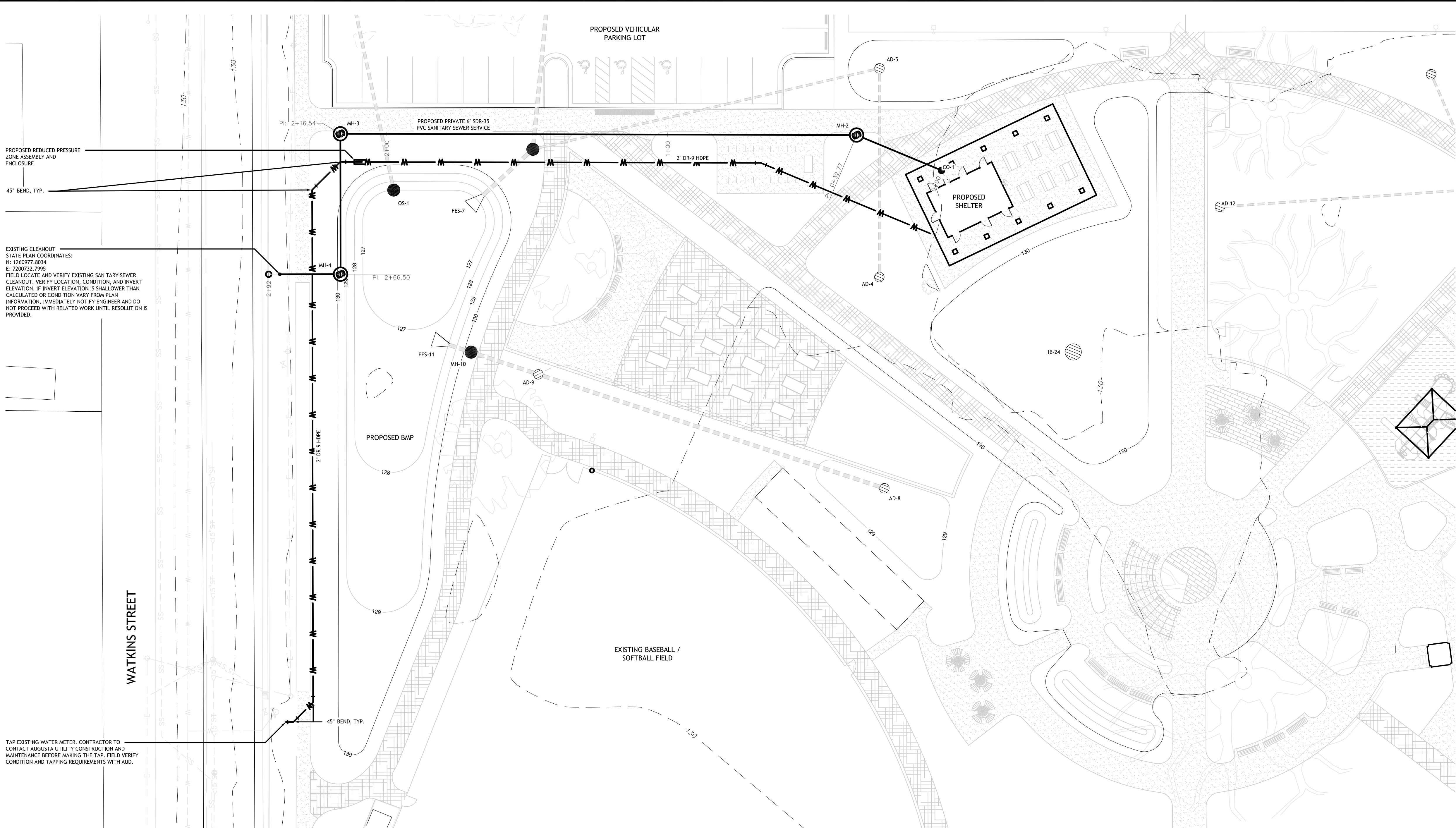
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C-255

Sheet 23 of 58



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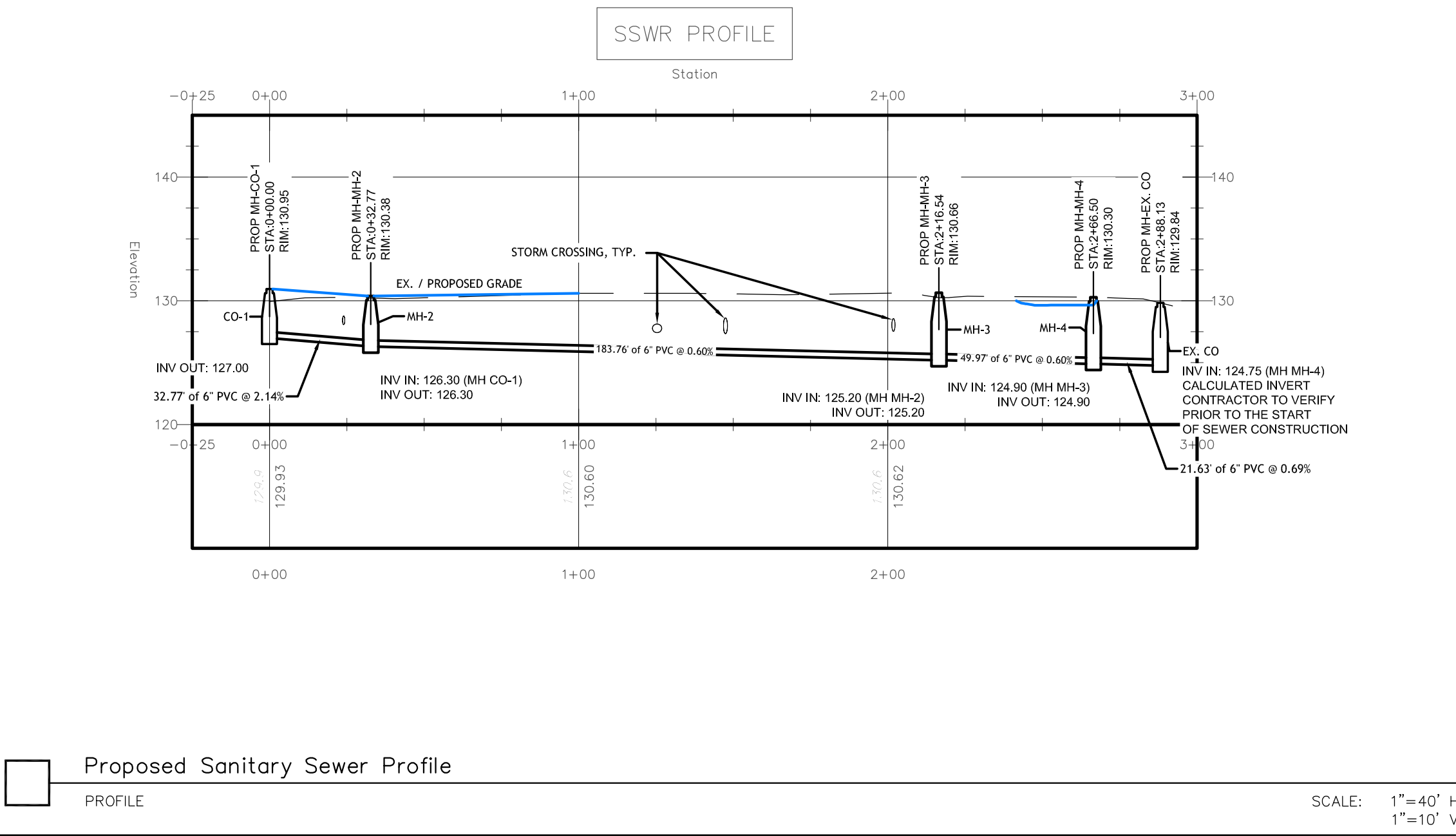
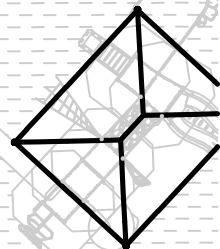


SITE UTILITY NOTES

1. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
3. SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
4" DR-35 ASTM D-3034
4. WATER LINE MATERIALS SHALL BE AS FOLLOWS (SEE AUD MINIMUM STANDARDS FOR ADDITIONAL INFORMATION):
4.1. WATER SERVICE LINES (LESS THAN 4" IN SIZE):
4.1.1. WATER SERVICE ALLOWABLE MATERIAL IS TYPE K SOFT COPPER AND SHALL BE SEAMLESS, AMERICAN MADE, AND CONFORM TO ASTM SPECIFICATIONS.
4.1.2. HDPE CAN BE USED IN LIEU OF COPPER FOR WATER SERVICE PIPE MATERIAL IF THE LINE IS LONGER THAN 100-FEET FOR 1" SERVICE OR 60-FEET FOR 2-INCH SERVICES. HDPE PIPE SHALL BE COPPER TUBING SIZE (CTS) DR- 9 HDPE FOR 1-INCH WATER SERVICES AND IRON PIPE SIZE (IPS) DR- 9 HDPE FOR 2" WATER SERVICES.
5. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
6. ALL WATER JOINTS SHALL BE PER AUGUSTA UTILITY DEPARTMENT CONSTRUCTION STANDARDS.
7. WATER AND SANITARY SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" APART (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
8. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4'-0" COVER ON ALL WATERLINES.
9. WHERE HORIZONTAL SEPARATIONS BETWEEN STORM, WATER, AND SEWER CANNOT BE MET, WATER AND SEWER LINES SHALL BE DIP, AND JOINTS STAGGERED SUCH THAT MAXIMUM SEPARATION EXISTS BETWEEN JOINTS AS APPROVED BY AUD. THE MINIMUM LENGTH OF DIP PIPE SHALL BE NO LESS THAN 10-FEET, BUT A FULL JOINT IS RECOMMENDED.
10. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
11. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED ELEVATIONS.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
13. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
14. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
15. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
16. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
17. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODE AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION.
18. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
19. CONTRACTOR TO PROVIDE TRENCHING, CONDUIT, PULL WIRE AND BACKFILL FOR TELEPHONE AND ELECTRIC LINES.
20. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SEWER FACILITY PROPOSED FOR CONNECTION OR USE BY THIS PROJECT. THE RELOCATION OF ANY WATER/SEWER FACILITY REQUIRED TO AVOID ANY PART OF THIS DEVELOPMENT IS THE RESPONSIBILITY OF THE DEVELOPER.
21. ALL CONSTRUCTION TO CONFORM TO APPLICABLE CITY SPECIFICATIONS AND IN ACCORDANCE WITH CITY ORDINANCES.
22. VAULTS THAT FALL WITHIN PAVED AREAS OR AREAS THAT ARE EXPOSED TO VEHICULAR TRAFFIC SHALL REQUIRE A TRAFFIC RATED COVER THAT IS CAPABLE OF HANDLING AN H20 TRAFFIC LOAD.

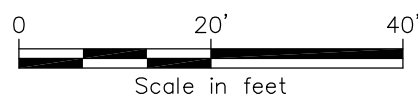
UTILITY PLAN LEGEND

- PROPERTY LINE
- DOMESTIC WATER PIPING
- SANITARY SEWER
- SANITARY SEWER CLEANOUT
- BEND (DEGREES NOTED ON PLAN)
- TAPPING SADDLE
- DOMESTIC WATER METER
- REDUCED PRESSURE ASSEMBLY
- AUD AUGUSTA UTILITIES DEPARTMENT



NOTICE TO GENERAL CONTRACTOR REGARDING UTILITY INSTALLATION

THE INFORMATION SHOWN ON THESE PLANS RELATED TO THE EXISTING SUBSURFACE UTILITY LINES IS BASED ON FIELD RUN SURVEY BY EMC ENGINEERING SERVICES DATED 4/23/2024, AS-BUILT RECORDS AND/OR UTILITY COMPANY RECORDS AND IS CORRECT TO THE BEST KNOWLEDGE OF THE ENGINEER. HOWEVER, SINCE THE EXISTING SUBSURFACE FACILITIES HAVE NOT BEEN EXPOSED AND VERIFIED, THE INFORMATION PROVIDED IS NOT TO BE CONSIDERED PRECISE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, SIZE, MATERIAL AND INVERT ELEVATION AT THE PROPOSED TIE-IN POINT(S) OF THE EXISTING SUBSURFACE UTILITIES PRIOR TO ORDERING MATERIALS TO INSTALL THE PROPOSED UTILITIES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF CONDITIONS IDENTIFIED IN THE FIELD ARE SUBSTANTIALLY DIFFERENT THAN THOSE SHOWN ON THE PLANS. IT IS STRONGLY RECOMMENDED THAT FIELD VERIFICATION OCCUR DURING THE INITIAL STAGES OF CONSTRUCTION AND PRIOR TO ORDERING OF MATERIALS. THE OWNER WILL NOT ACCEPT ANY CHANGE ORDERS ASSOCIATED WITH UNEXPECTED FIELD CONDITIONS THAT ARE NOT IDENTIFIED PRIOR TO ORDERING MATERIALS FOR THE PROPOSED RELOCATIONS. CONTRACTOR SHALL COORDINATE THE TIMING OF ALL UTILITY RELOCATIONS WITH THE RESPECTIVE UTILITY SERVICE PROVIDERS. LINES TO BE RELOCATED SHALL REMAIN OPERATIONAL AT ALL TIMES UP UNTIL THE NEW SERVICE LINE BECOMES ACTIVE. CONNECTIONS BETWEEN EXISTING AND RELOCATED LINES THAT REQUIRE TEMPORARY INTERRUPTION OF SERVICE SHALL BE PERFORMED ONLY AT LOW DEMAND TIMES WHICH MAY REQUIRE WORK TO BE PERFORMED AT NIGHT AND/OR ON WEEKENDS. CONTRACTOR SHALL INCLUDE ALL COSTS FOR SUCH WORK IN THE BASE BID.



MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

OVERALL UTILITY PLAN

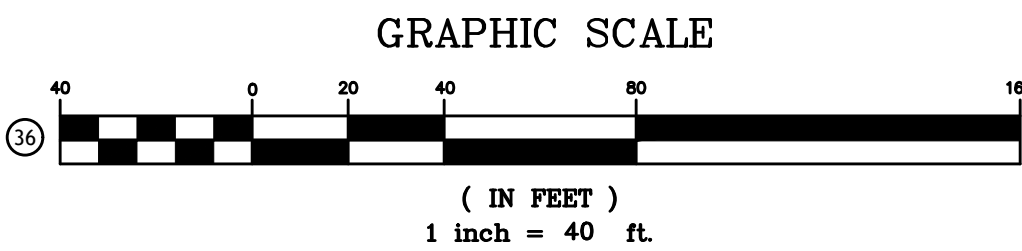
Designed By: SDW	Drawn By: XXX	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

Drawing No.:

C-301

Sheet 24 of 58





File: V:\PROJECTS\ANY709\488_000\09_DESIGN\DRAWINGS\01_SHEETS\EROSION NOTES.DWG
Saved: 1/30/2026 4:25:17 PM (Revised: 1/30/2026, 4:25:28 PM) Current User: Bannan, Colin Last Saved By: Bannan, Colin

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST

STAND ALONE CONSTRUCTION PROJECTS GAR100001

SWCD:

Project Name: May Park Address: 622 Fourth St, City of Augusta, Richmond County, Ga

Local Issuing Authority: City of Augusta Date on Plan: 11/26/2025

Name & Email of person filling out checklist: Chase Sippola, csippola@chalsolutions.com

Plan

included

Y/N

TO BE SHOWN ON ES&PC PLAN

C-405

Y

1

The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.

The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IVD.1.pg 27**

C-401-C-405

Y

2

Level 1 certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, after completion of a GSWCC approved course, and whose signature and seal are on the Plan.

C-401-C-405

N/A

3

Limits of disturbance shall be **less than** 50 acres at any one time without prior written authorization from the GAEPD District Office. If GAEPD approves the request to disturb 50 acres or more at any one time, the Plan must include the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. *

C-401-C-405

Y

4

A copy of the written approval by GAEPD must be attached to the Plan for the Plan to be reviewed. **Permit IVD.3.pg 28**

C-401-C-405

Y

5

The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.

C-401-C-405

Y

6

Provide the name, address, email address, and phone number of Primary Permittee.

C-401-C-405

Y

7

Note total and disturbed acreages of the project or phase under construction.

C-401-C-405

Y

8

Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.

C-404

Y

9

Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.

C-401-C-405

Y

10

Descriptions of the nature of construction activity and existing site conditions.

C-401-C-405

Y

11

Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.

C-404

Y

12

Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 20** of the permit.

C-404

Y

13

Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 20** of the permit. *

C-404

Y

14

Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect and **certify** the installation of the initial sediment abrage requirements and perimeter control BMPs within 7 days after installation." *

C-405

Y

15

Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wetted vegetation or within 25 feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits." *

N/A

N/A

16

Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

C-405

Y

17

Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *

C-405

Y

18

Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *

C-405

Y

19

Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."

C-405

Y

20

Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source." *

C-405

Y

21

Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

C-404

Y

22

Any construction activity which discharges storm water into a Biot Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biot Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

N/A

N/A

23

If a TMDL Implementation Plan for sediment has been finalized for the Biot Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

C-401-C-403

Y

24

BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *

C-404

Y

25

Provide BMPs for the remediation of all petroleum spills and leaks.

C-404

Y

26

Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *

C-404

Y

27

Description of practices to provide cover for building materials and building products on site. *

C-401-C-403

Y

28

Description of the practices that will be used to reduce the pollutants in storm water discharges. *

C-405

Y

29

Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

C-404

Y

30

Provide complete requirements of ~~inspections~~ and record keeping by the Primary Permittee. *

C-404

Y

31

Provide complete requirements of ~~Sampling Frequency~~ and ~~Reporting~~ of sampling results. *

C-404

Y

32

Provide complete details for ~~Retention of Records~~ as per **Part IV.F.** of the permit. *

C-404

Y

33

Description of analytical methods to be used to collect and analyze the samples from each location. *

C-404

Y

34

Appendix B rationale for NTU values at all initial sampling points where applicable. *

ES-5

Y

35

Delineate all sampling locations on **all phases** of the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

C-401-C-403

Y

36

A description or appropriate controls are measures that will be implemented as the construction site including: (1) mass sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *

C-401-C-403

Y

37

Graphic scale and North arrow.

C-401-C-403

Y

38

Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

N/A

N/A

39

Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (Unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to Alternative BMP Guidance Document found at www.gswcc.org/ga/gswcc.

N/A

N/A

40

Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A.2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

N/A

N/A

41

Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

N/A

N/A

42

Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

C-401-C-403

Y

43

Delineation and acreage of contributing drainage basins on the project site.

HYDRO

Y

44

Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *

C-405

Y

45

Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. For **solar farm projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.**

C-401-C-403

Y

46

Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

C-401-C-403

Y

47

Soil series for the project site and their delineation.

C-401-C-403

Y

48

The limits of disturbance for each phase of construction.

C-401-C-403

Y

49

Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, rebotified detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this

C-401-C-403

Y

50

Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.

C-406-C-407

Y

51

Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

C-401-C-403

Y

52

Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.

EROSION CONTROL NOTES

1. SILT FENCE MUST MEET THE REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL OF GEORGIA.

2. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED BY CONTRACTOR WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS TO ENSURE COMPLIANCE WITH REGULATIONS. ANY CHANGES IMPLEMENTED REQUIRING HYDRAULIC CALCULATIONS ARE TO BE COORDINATED WITH AND CERTIFIED BY THE DESIGN PROFESSIONAL PRIOR TO COMMENCEMENT.

3. PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE, AT A MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF THE CITY OF BLUE RIDGE EROSION AND SEDIMENTATION ORDINANCE AND THE SEDIMENT CONTROL REGULATIONS AND GEORGIA MANUAL ON EROSION AND SEDIMENT CONTROL.

4. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE. ALL OTHER DRIVEWAYS WITHOUT A CONSTRUCTION EXIT SHALL BE BARRICADED TO PROHIBIT INGRESS AND EGRESS TRAFFIC.

5. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE FROM THE SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.

6. DURING AND AFTER CONSTRUCTION IS COMPLETE, THE DETENTION POND AND POND OUTLET STRUCTURE SHALL BE CLEARED OF ALL DEBRIS AND EXCESS SEDIMENT. BOTTOM OF POND SHALL BE BROUGHT TO ELEVATION AND SHAPED AS SHOWN ON THE GRADING PLAN.

7. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.

8. EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.

9. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 1/2 OF THE ORIGINAL HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE SEDIMENTATION PONDS, SILT SHALL BE REMOVED WHEN THE CLEANOUT VOLUME (22 CY/AC) IS REACHED. SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN EACH POND.

10. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO LOCAL AND STATE STANDARDS.

11. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.

12. SILT BARRIERS ARE TO BE PLACED AT DOWNSTREAM TOE OF ALL FILL SLOPES.

13. ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF AMENDED TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.

14. ABSOLUTELY NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION, IF HEAVY RAINS AND UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS OR ADJACENT PARCELS THEN THE GRADING CONTRACTOR SHALL CLEAN THE DISTURBED AREAS IMMEDIATELY AND RESTORE THE AREAS TO THE ORIGINAL CONDITION.

15. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE GOVERNING OFFICIALS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE INTIMATE WITH THE LOCAL EROSION CONTROL LAWS AND TO REFLECT THIS KNOWLEDGE IN HIS/HER ACTIONS AND QUOTATIONS.

16. REFERENCE THE CONSTRUCTION SEQUENCE FOR THE RELATIONSHIP BETWEEN THE INSTALLATION OF EROSION CONTROL FEATURES AND GENERAL CONSTRUCTION.

17. MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER AND THE CONTRACTOR.

18. ALL GRADED SLOPES STEEPER THAN 3:1 OR OVER 5' IN HEIGHT REGARDLESS OF SLOPE MUST BE HYDRA SEEDED AND COVERED WITH EXCELISOR CURLEX BLANKETS OR APPROVED EQUAL FIBER MATTING. IF NOT HYDRA SEEDED, APPROVED MATTING THAT HAS BEEN IMPREGNATED WITH SEED AND FERTILIZER MUST BE USED. ALL SLOPES MUST BE PROPERLY PROTECTED UNTIL A PERMANENT VEGETATIVE STAND IS ESTABLISHED.

19. ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED AS SOON AS FINAL GRADE IS ACHIEVED. THESE DISTURBED AREAS MUST BE PROTECTED UNTIL PERMANENT VEGETATION IS ESTABLISHED.

20. CONTRACTOR MUST HAUL OFF ALL SOLID WASTE TO AN APPROVED LAND FILL. SOLID WASTE BURNING ON SITE IS PROHIBITED.

21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

22. THERE ARE NO STATE WATERS LOCATED ON NOR WITHIN 200 FT. OF THE SITE.

23. THERE ARE NO WETLANDS LOCATED ON THIS SITE.

24. THE APPLICABLE PORTIONS EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN IS TO BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE SECONDARY PERMITTEE CONDUCTING ANY CONSTRUCTION ACTIVITIES AND THAT EACH SECONDARY SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL MONITORING OF STORM WATER RUNOFF AS DICTATED BY THE NEW GA LAW "CLEAN WATER ACT" GENERAL PERMIT No. GAY0001 GOVERNING EROSION CONTROL. ALL COSTS ARE TO BE INCLUDED IN BASE BID. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ARE TO BE INCLUDED IN BASE BID. CONTRACTOR IS RESPONSIBLE FOR ALL MONITORING FROM THE TIME LAND DISTURBING ACTIVITIES BEGIN UNTIL THE TIME "NOTICE OF TERMINATION" IS FILED, CONTRACTOR TO REFER TO EROSION CONTROL PLANS, SHEETS C-401, C-402, C-403, C-404, C-405, AND C-406, AND GENERAL PERMIT No. GAR100001 FOR ADDITIONAL NOTES AND INFORMATION.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

THE MORE STRINGENT OF THESE PLANS, SPECIFICATIONS, LOCAL GOVERNMENT, AND THE NPDES GENERAL PERMIT NO. GAR 100003 SHALL BE FOLLOWED.

NON-STORMWATER DISCHARGES

THE FOLLOWING NON-STORMWATER DISCHARGES MAY OCCUR ON THIS SITE DURING CONSTRUCTION: FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATE, SPRINGS, UNCONTAMINATED GROUND WATER, AND/OR FOUNDATION FOOTING DRAINS CARRYING UNCONTAMINATED FLOWS. AS THESE DISCHARGES OCCUR THE CONTRACTOR SHOULD NOTE THEM ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

TEMPORARY AND PERMANENT STABILIZATION THROUGH VEGETATIVE BEST MANAGEMENT PRACTICES AND STRUCTURAL BEST MANAGEMENT PRACTICES WILL BE DESIGNED, INSTALLED AND MAINTAINED PER THE MANUAL OF EROSION AND SEDIMENT CONTROL IN GEORGIA. THE STABILIZATION MEASURES WILL PROTECT EXISTING VEGETATION WHERE POSSIBLE AND STABILIZED AREAS THAT ARE DISTURBED DURING CONSTRUCTION ACTIVITIES. STRUCTURAL MEASURES WILL BE USED TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS. THE LOCATION AND SCHEDULING OF BMPs ARE SHOWN ON SHEETS C-401, C-402, C-403, C-404, C-405, AND C-406. SPECIFIC DETAILS FOR THESE BMPs ARE LOCATED IN THE DETAIL SHEETS OF THE CONSTRUCTION DRAWINGS.

U.S.G.S. QUADRANGLE MAP

SCALE: 1"=2500'

ANTICIPATED ACTIVITY SCHEDULE									
ACTIVITY	1	2	3	4	5	6	7	8	9
1. INSTALL SEDIMENT CONTROLS	1	2	3	4	5	6	7	8	9
2. CLEARING AND GRUBBING	1	2	3	4	5	6	7	8	9
3. DEMOLITION	1	2	3	4	5	6	7	8	9
4. MASS GRADING	1	2	3	4	5	6	7	8	9
5. STORM DRAINAGE INSTALLATION	1	2	3	4	5	6	7	8	9
6. INSTALL SEDIMENT TRAPS @ STBS	1	2	3	4	5	6	7	8	9
7. SANITARY SEWER INSTALLATION	1	2	3	4	5	6	7	8	9
8. UTILITY INSTALLATION	1	2	3	4	5	6	7	8	9
9. PAVING	1	2	3	4	5	6	7	8	9
10. DESILTING OF STORM BASIN	1	2	3	4	5	6	7	8	9
11. GRASS (TEMP & PERM)	1	2	3	4	5	6	7	8	9
12. FINAL LANDSCAPING	1	2	3	4	5	6	7	8	9
13. MAINTAIN EROSION CONTROL	1	2	3	4	5	6	7	8	9
14. CLEAN UP	1	2	3	4	5	6	7	8	9

NOTE: THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

REPRESENTS A 30-DAY PERIOD

FEMA FLOOD MAP

NOT TO SCALE

APPENDIX B									
Nephelometric Turbidity Unit (NTU) TABLES									
Trout Streams									
Surface Water Drainage Area, square miles									
Site Size, acres	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+	
1.00-1.25	25	50	75	150	300	500	500	500	
1.01-1.25	25	25	50	75	150	200	500	500	
25.01-50	25	25	25	50	75	100	300	500	
50.01-100	20	25	25	35	59	75	150	300	
100.01+	20	20	25	25	25	50	60	100	

Waters Supporting Warm Water Fisheries									
Surface Water Drainage Area, square miles									
Site Size, acres	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+	
1.00-1.25	75	150	200	400	750	750	750	750	
1.01-1.25	50	100	100	200	300	500	750	750	
25.01-50	50	50	100	100	200	300	750	750	
50.01-100	50	50	50	100	100	150	300	600	
100.01+	50	50	50	50	50	100	200	100	

To use these tables, select the size (acres) of the construction site. Then, select the surface water drainage area (square miles). The NTU matrix value arrived at from the above tables is the one to use in Part III.D.5.

Example 1: For a site size of 12.5 acres and a "trout stream" drainage area of 37.5 square miles, the NTU value to use in Part III.D.5. is 75 NTU.

Example 2: For a site size of 51.7 acres and "waters supporting warm water fisheries" drainage area of 72 square miles, the NTU value to use in Part III.D.5. is 100 NTU.

PRIMARY PERMITTEE CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS REPORT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. *

PRINT NAME (AUTHORIZED REPRESENTATIVE)
GWSOC CERTIFICATION NO.

DATE

SIGNATURE

ADDRESS

PHONE

FAX

NOTE: GENERAL CONTRACTOR IS TO SIGN AND DATE PERMITTEE CERTIFICATION(S) AND KEEP ON-SITE AT ALL TIMES.

FINAL STABILIZATION CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT EITHER: (A) THE PORTION OF THE SITE AS INDICATED ABOVE HAS MET FINAL STABILIZATION; ALL STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES BY THIS PERMIT HAVE CEASED, THE SITE IS IN COMPLIANCE WITH THIS PERMIT AND ALL TEMPORARY BMPs HAVE BEEN REMOVED OR (B) IF I AM SECONDARY PERMITTEE, THE PRIMARY PERMITTEE OF THE COMMON DEVELOPMENT NO LONGER EXISTS.

I UNDERSTAND THAT BY SUBMITTING THE FINAL STABILIZATION CERTIFICATION, THAT I AM NO LONGER AUTHORIZED TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY BY THE GENERAL PERMIT, AND THAT DISCHARGING POLLUTANTS IN STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO WATERS OF GEORGIA IS UNLAWFUL UNDER THE GEORGIA WATER QUALITY CONTROL ACT AND THE CLEAN WATER ACT WHERE THE DISCHARGE IS NOT AUTHORIZED BY A NPDES PERMIT.

DATE

FERTILIZER REQUIREMENTS

SIGNATURE

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE	
1. COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500lbs./ac. 1000lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 30	* 1 & 2
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 0-10-10	1500lbs./ac. 1000lbs./ac. 400 lbs./ac.	50-100 lbs./ac. -	* 1
3. GROUND COVERS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10 10-10-10	1300lbs./ac. 1000lbs./ac. 1100 lbs./ac.	-	* 3
4. PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING ROW	-	
5. SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10 0-10-10	700lbs./ac. 700lbs./ac.	-	* 4
6. TEMPORARY COVER CROPS SEEDS ALONE	FIRST	10-10-10	500lbs./ac.	30 lbs./ac.	* 5
7. WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500lbs./ac. 800lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 50-100 lbs./ac. 30 lbs./ac.	* 2 & 6
8. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 0-10-10	1500lbs./ac. 1000lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 50-100 lbs./ac. 30 lbs./ac.	* 6

- * 1. APPLY IN SPRING FOLLOWING SEEDING.
- * 2. APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
- * 3. APPLY IN SPLIT APPLICATIONS.
- * 4. APPLY WHEN PLANTS ARE PRUNED.
- * 5. APPLY TO GRASS SPECIES ONLY.
- * 6. APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.

SOILS MAP

NOT TO SCALE

DEVELOPER/OWNER:
AUGUSTA PARKS AND RECREATION DEPARTMENT
ALPHONZA C. WILLIAMS
(706)796-4084
AWILLIAMS5@AUGUSTAGA.GOV
SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

Disturbed Area Stabilization (With Permanent Vegetation)

Ds3



DEFINITION

The planting of perennial vegetation such as trees, shrubs, vines, grasses, or legumes on exposed areas for final permanent stabilization. Permanent perennial vegetation shall be used to achieve final stabilization.

PURPOSE

- To protect the soil surface from erosion
- To reduce damage from sediment and runoff to down-stream areas
- To improve wildlife habitat and visual resources
- To improve aesthetics

REQUIREMENT FOR REGULATORY COMPLIANCE

This practice shall be applied immediately to rough graded areas that will be undisturbed for longer than six months. This practice or sodding shall be applied immediately to all areas at final grade. **Final Stabilization** means that all soil disturbing activities at the site have been completed, and that for unpaved areas and areas not covered by permanent structures and areas located outside the waste disposal limits of a landfill cell that has been certified by the GA EPD for waste disposal, 100% of the soil surface is uniformlycovered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures.

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Table 6-5.1. Fertilizer Requirements

Ds3

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 1/2/
	Second	6-12-12	1000 lbs./ac.	—
	Maintenance	10-10-10	400 lbs./ac.	30
2. Cool season grasses and legumes	First	6-12-12	1500 lbs./ac.	0-50 lbs./ac. 1/
	Second	0-10-10	1000 lbs./ac.	—
	Maintenance	0-10-10	400 lbs./ac.	—
3. Ground covers	First	10-10-10	1300 lbs./ac. 3/	—
	Second	10-10-10	1300 lbs./ac. 3/	—
	Maintenance	10-10-10	1100 lbs./ac.	—
4. Pine seedlings	First	20-10-5	one 21-gram pellet per seedling placed in the closing hole	—
5. Shrub Lespedeza	First	0-10-10	700 lbs./ac.	—
	Maintenance	0-10-10	700 lbs./ac. 4/	—
6. Temporary cover crops seeded alone	First	10-10-10	500 lbs./ac.	30 lbs./ac. 5/
7. Warm season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 2/6/
	Second	6-12-12	800 lbs./ac.	50-100 lbs./ac. 2/
	Maintenance	10-10-10	400 lbs./ac.	30 lbs./ac.
8. Warm season grasses and legumes	First	6-12-12	1500 lbs./ac.	50 lbs./ac./6/
	Second	0-10-10	1000 lbs./ac.	—
	Maintenance	0-10-10	400 lbs./ac.	—

- 1/ Apply in spring following seeding.
- 2/ Apply in split applications when high rates are used.
- 3/ Apply in 3 split applications.
- 4/ Apply when plants are pruned.
- 5/ Apply to grass species only.
- 6/ Apply when plants grow to a height of 2 to 4 inches.

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Disturbed Area Stabilization (With Mulching Only)

Ds1



DEFINITION

Applying plant residues or other suitable materials, produced on the site if possible, to the soil surface.

PURPOSE

- To reduce runoff and erosion
- To conserve moisture
- To prevent surface compaction or crusting
- To control undesirable vegetation
- To modify soil temperature
- To increase biological activity in the soil

REQUIREMENT FOR REGULATORY COMPLIANCE

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Mulch can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, depending on the material used, anchored and have a continuous 90% cover or greater of the soil surface.

Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for less than six months.

If any area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed. Refer to **Ds2 -Dis-**

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turbed Area Stabilization (With Temporary Seeding), Ds3 - Disturbed Area Stabilization (With Permanent Seeding), and Ds4 - Disturbed Area Stabilization (With Sodding).

SPECIFICATIONS

Mulching Without Seeding

This standard applies to graded or cleared areas where seedings may not have a suitable growing season to produce an erosion retardant cover, but can be stabilized with a mulch cover.

Site Preparation

1. Grade to permit the use of equipment for applying and anchoring mulch.
2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.
3. Loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

Select one of the following materials and apply at the depth indicated:

1. Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. One advantage of this material is easy application.
2. Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the clearing stage of development should remain on site, be chipped, and applied as mulch. This method of mulching can greatly reduce erosion control costs.
3. Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. This material can be salvaged and re-used.

Applying Mulch

When mulch is used without seeding, mulch shall be applied to provide full coverage of the exposed area.

1. Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanical equipment.

2. If the area will eventually be covered with perennial vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of nitrogen caused by the decomposition of the organic mulches.

3. Apply polyethylene film on exposed areas.

Anchoring Mulch

1. Straw or hay mulch can be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." Disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving much of it in an erect position. Straw or hay mulch shall be anchored immediately after application.

Straw or hay mulch spread with special blower-type equipment may be anchored. Tackifiers, binders and hydraulic mulch with tackifier specifically designed for tacking straw can be substituted for emulsified asphalt. Please refer to specification **Tackifiers**. Plastic mesh or netting with mesh no larger than one inch by one inch shall be installed according to manufacturer's specifications.

2. Netting of the appropriate size shall be used to anchor wood waste. Openings of the netting shall not be larger than the average size of the wood waste chips.

3. Polyethylene film shall be anchor trenched at the top as well as incrementally as necessary.

6-28

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Consultants, LLC



DONNA N. BLALOCK, PE
PE # 032668
GSWCC CERTIFICATION NO. 0000012451
EXP: 06-22-2027

IT IS A VIOLATION OF LAW FOR ANY PERSON, WHOSE NAME IS LISTED HEREIN, TO ACT OR BE ACTING UNDER THE SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN FEA IN ANY WAY. IF AN FEA BEARING THE SIGNATURE OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A BRIEF DESCRIPTION OF THE ALTERATION.

MAY PARK - PARK IMPROVEMENTS

DESIGN DEVELOPMENT

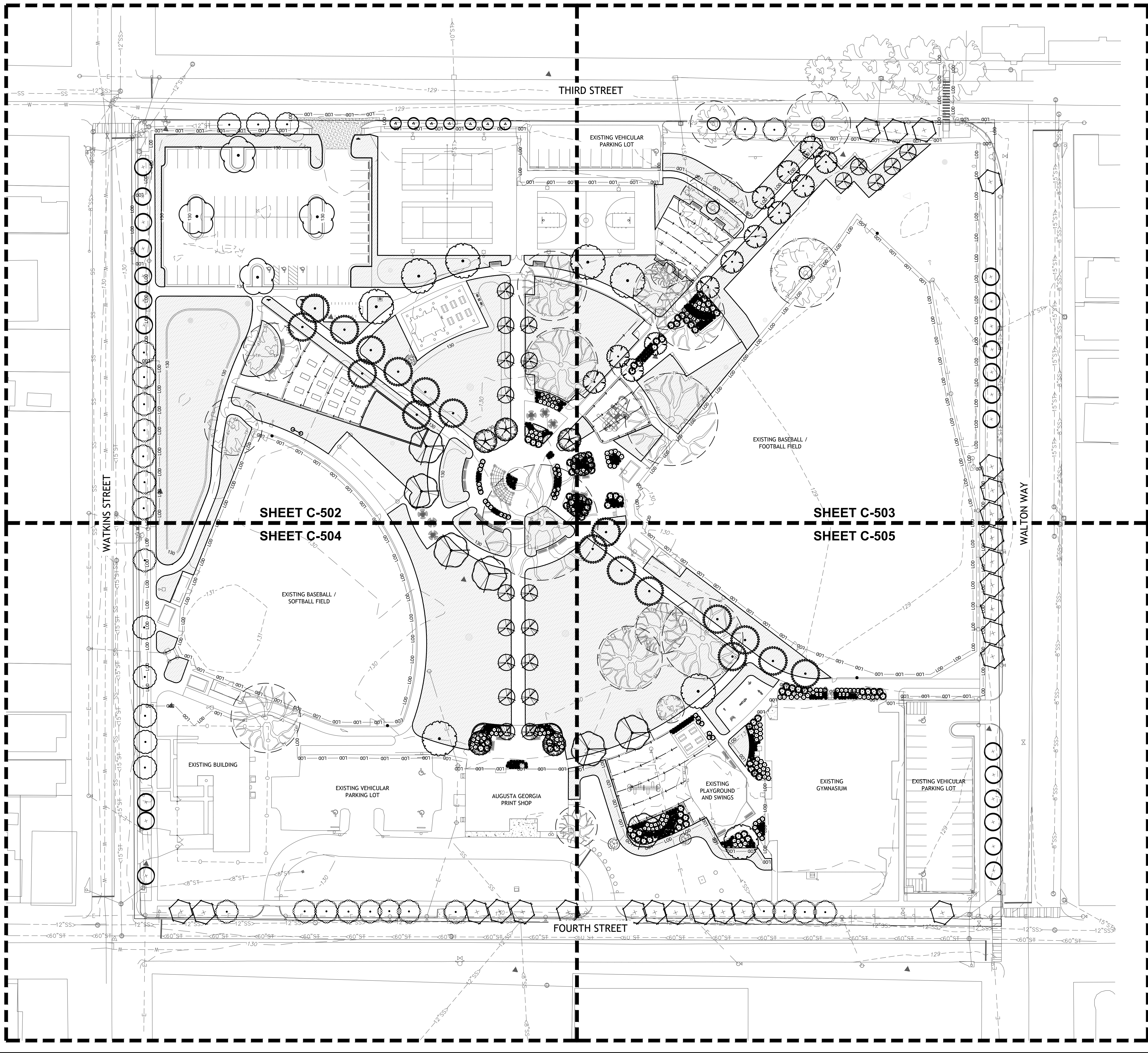
622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

EROSION SEDIMENTATION & POLLUTION CONTROL DETAILS

Designed By: DNB	Drawn By: CAS	Checked By: DNB
Issue Date: 1/30/26	Project No.: 093488.000	Scale:

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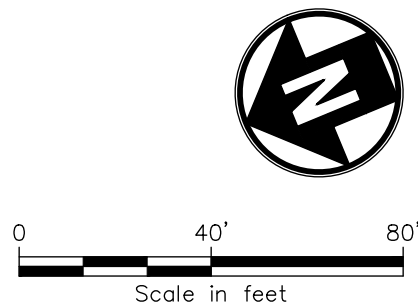


GENERAL LANDSCAPE NOTES

1. CONTRACTOR SHALL CONFIRM LOCATION OF ALL UTILITIES AND SUBSURFACE DRAINS. CONTRACTOR TO REPAIR ALL DAMAGES TO EXISTING UTILITIES, CURBS, PAVEMENTS, ETC., RESULTING FROM LANDSCAPE INSTALLATIONS WHICH OCCUR DURING THE INSTALLATION PROCESS.
2. ALL TREES AND SHRUBS TO BE STAKED BY CONTRACTOR FOR APPROVAL BY THE LANDSCAPE ARCHITECT.
3. ALL PLANTING OPERATIONS AND MATERIALS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND THE PROJECT MANUAL.
4. PROTECT ALL VEGETATION NOT SCHEDULED TO BE REMOVED. ANY DAMAGE TO VEGETATION THAT IS TO REMAIN SHALL BE REPLACED WITH LIKE SPECIES AND SIZE.
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6. TREES AND SHRUBS DUG FOR RELOCATION SHALL BE PLANTED AS SOON AS POSSIBLE. WHILE STORING PLANT MATERIAL, PROTECT FROM DIRECT SUNLIGHT, WINDS AND TEMPERATURE EXTREMES. PREVENT ROOT SYSTEM FROM DRYING OUT.
7. PLANTING SOIL AND MULCH FOR ALL TREES AND SHRUBS SHALL BE PER APPROPRIATE DETAIL.
8. SEED LIMIT LINES ARE APPROXIMATE. FINE GRADE, TOPSOIL, AND SEED ALL DISTURBED AREAS. TAKE SPECIAL CARE NOT TO OVERSEED ONTO PAVED AREAS.
9. SEED ALL LAWN AREAS WITH SPECIFIED SEED MIXTURE AND SHALL BE DONE IN ACCORDANCE WITH THE PROJECT MANUAL.
10. WATER TREES IMMEDIATELY AFTER PLANTING AND CONTINUE TO WATER UNTIL FINAL ACCEPTANCE BY OWNER AND LANDSCAPE ARCHITECT.
11. SHOULD A DISCREPANCY BE FOUND BETWEEN THE PLANTING PLAN AND PLANT SCHEDULE, THE PLANTING PLAN SHALL TAKE PRECEDENCE.

LEGEND

	EXISTING TREE TO REMAIN
TREES	
	ULM ALL ALLEE® LACEBARK ELM
	COR PRI CHEROKEE PRINCESS DOGWOOD
	AME ARB DOWNY SERVICEBERRY
	CER FOR FOREST PANSY EASTERN REDBUD
	QUE HRS HIGHRISE LIVE OAK
	COR MIL MILKY WAY KOUSA DOGWOOD
	PRU OAK OAKVILLE CRIMSON SPIRE PURPLE PLUM
	MAG MUL SAUCER MAGNOLIA MULTI-TRUNK
	COR RS6 STELLAR PINK® DOGWOOD
	LAG T32 TONTO CRAPE MYRTLE MULTI-STEM
	NYS WIL WILDFIRE TUPELO
	QUE PHE WILLOW OAK
SHRUBS	
	JUN BL6 BLUE RUG JUNIPER
	ILE NAN DWARF YAUPON HOLLY
	RHU GRO GRO-LOW FRAGRANT SUMAC
	FOR TYS SHOW OFF® STARLET FORSYTHIA
	SPI MEA WHITE MEADOWSWEET
ORNAMENTAL GRASSES	
	CAL KA2 KARL FOERSTER FEATHER REED GRASS
	PAN SH2 SHENANDOAH SWITCH GRASS
	SCH ST2 STANDING OVATION LITTLE BLUESTEM
	MUH WH1 WHITE CLOUD MUHLY GRASS
GRASSES	
	CYN DAC BERMUDAGRASS
PERENNIALS	
	COR ESN EARLY SUNRISE TICKSEED
	ECH MAG MAGNUS PURPLE CONEFLOWER
	NEP WLO WALKER'S LOW CATMINT



MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Apv	By	Date

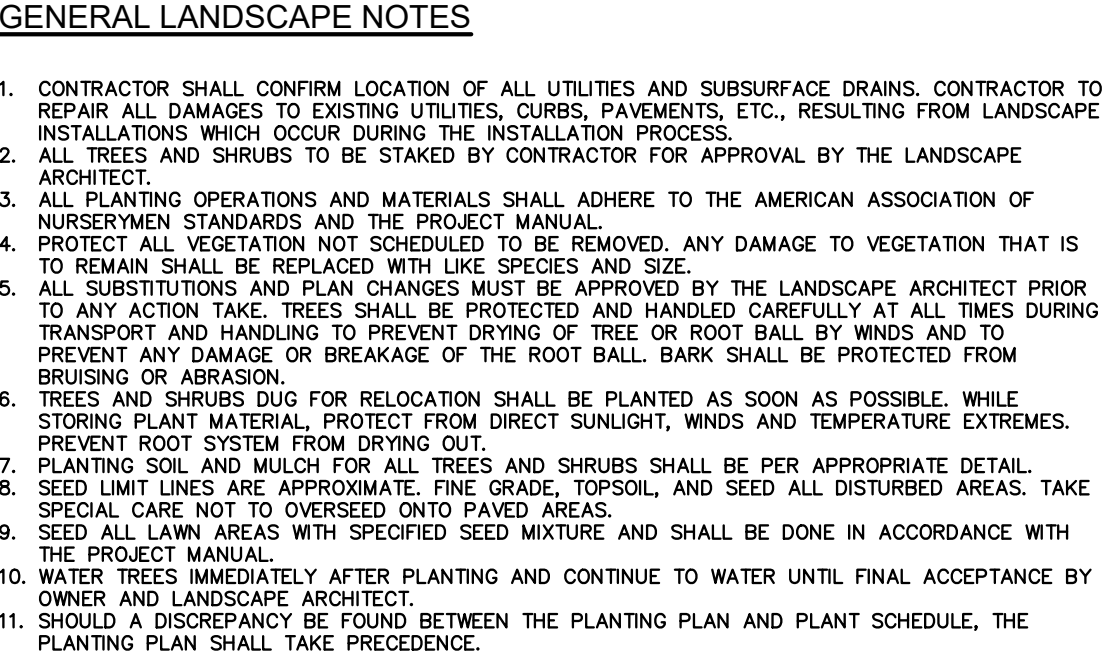
OVERALL LANDSCAPE PLAN

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Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 40'

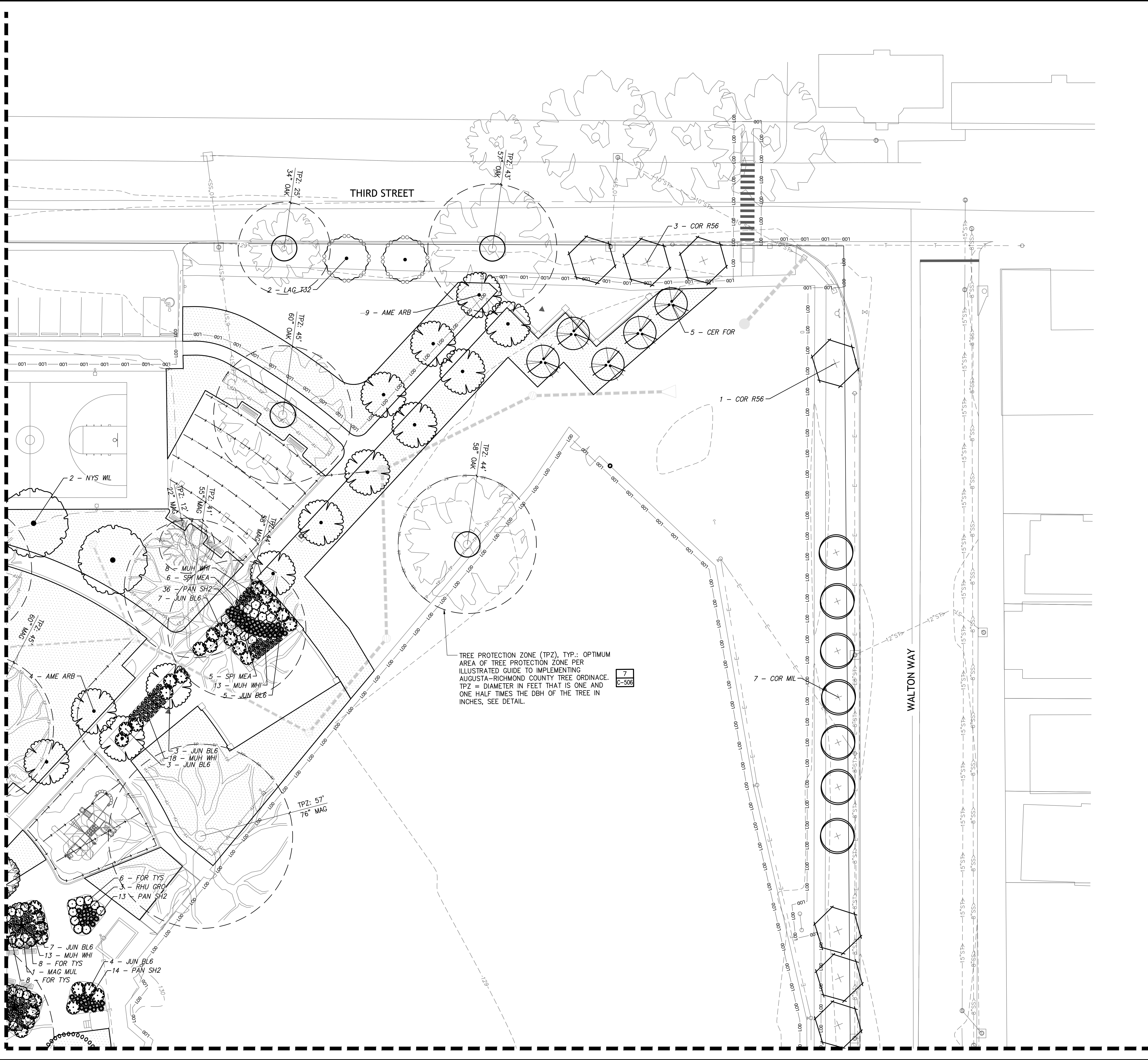
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C-501

Sheet 32 of 58



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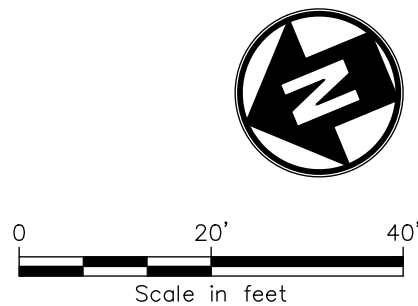


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Sustainable Design
Consultants, LLC



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ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
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STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION: ALTERED BY: FOLLOWED BY THEIR SIGNATURE, THE
DATE OF EACH ALTERATION, AND A BRIEF DESCRIPTION OF THE
OF THE ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

LANDSCAPE
ENLARGEMENT -
SOUTHEAST

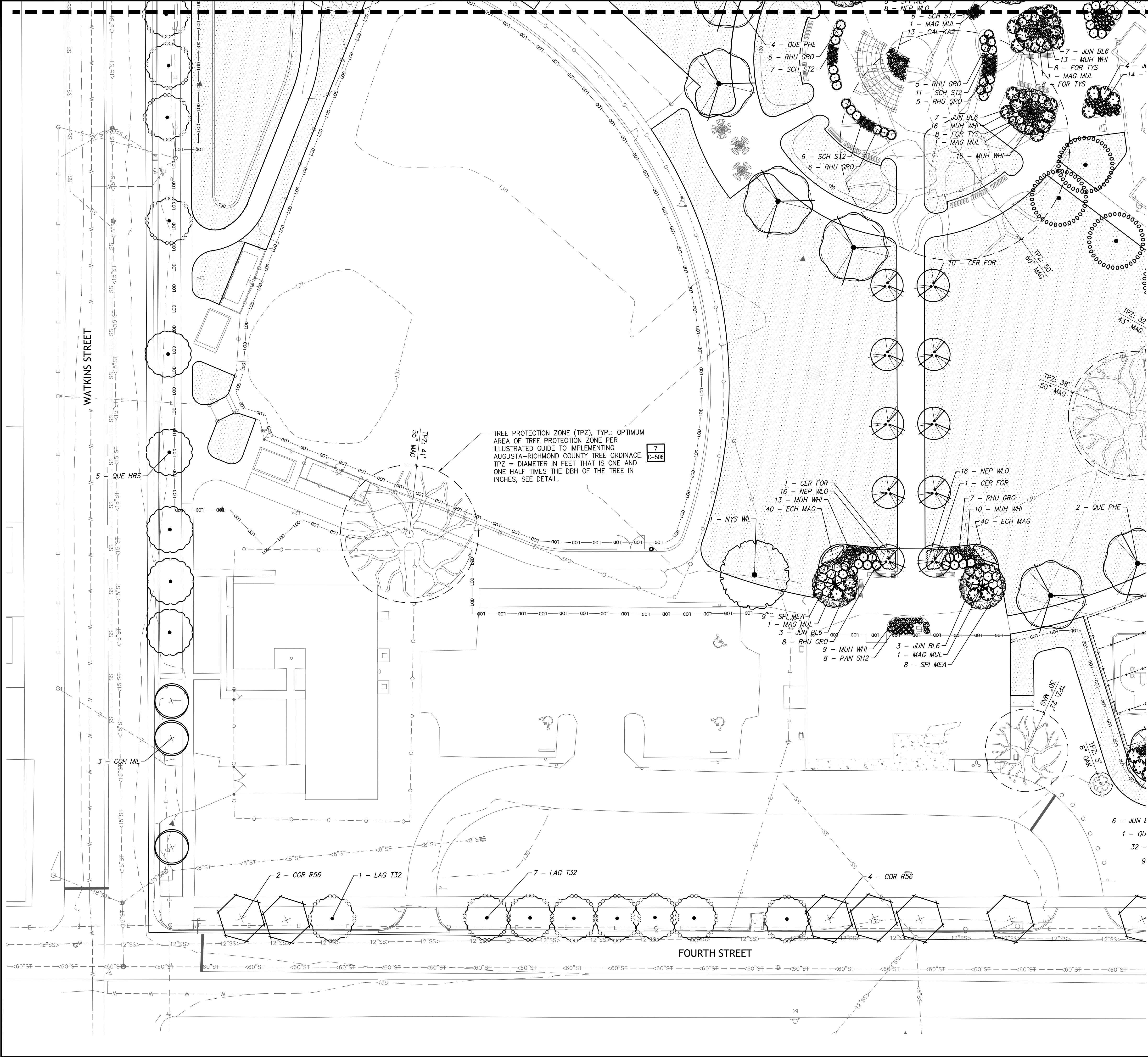
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Issue Date: 01/30/26	Project No.: 093488.000	Scale: 1" = 20'

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Sheet 34 of 58

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LEGEND

TREES

- | | | |
|--|---------|------------------------------------|
| | ULM ALL | ALLEE® LACEBARK ELM |
| | COR PRI | CHEROKEE PRINCESS DOGWOOD |
| | AME ARB | DOWNY SERVICEBERRY |
| | CER FOR | FOREST PANSY EASTERN REDBUD |
| | QUE HRS | HIGHRISE LIVE OAK |
| | COR MIL | MILKY WAY KOUSA DOGWOOD |
| | PRU OAK | OAKVILLE CRIMSON SPIRE PURPLE PLUM |
| | MAG MUL | SAUCER MAGNOLIA MULTI-TRUNK |
| | COR R56 | STELLAR PINK® DOGWOOD |
| | LAG T32 | TONTO CRAPE MYRTLE MULTI-STEM |
| | NYS WIL | WILDFIRE TUPELO |
| | QUE PHE | WILLOW OAK |

SHRUBS

- | | | |
|--|---------|-----------------------------|
| | JUN BL6 | BLUE RUG JUNIPER |
| | ILE NAN | DWARF YAUPON HOLLY |
| | RHU GRO | GRO-LOW FRAGRANT SUMAC |
| | FOR TYS | SHOW OFF® STARLET FORSYTHIA |
| | SPI MEA | WHITE MEADOWSWEET |

ORNAMENTAL GRASSES

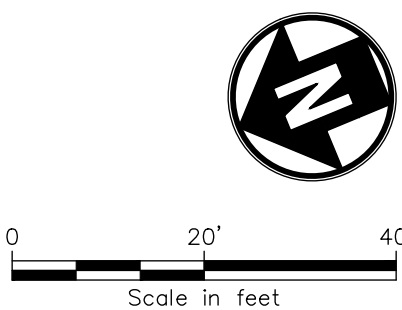
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| | CAL KA2 | KARL FOERSTER FEATHER REED GRASS |
| | PAN SH2 | SHENANDOAH SWITCH GRASS |
| | SCH ST2 | STANDING OVATION LITTLE BLUESTEM |
| | MUH WHI | WHITE CLOUD MUHLY GRASS |

GRASSES

- | | | |
|--|---------|--------------|
| | CYN DAC | BERMUDAGRASS |
|--|---------|--------------|

PERENNIALS

- | | | |
|--|---------|--------------------------|
| | COR ESN | EARLY SUNRISE TICKSEED |
| | ECH MAG | MAGNUS PURPLE CONEFLOWER |
| | NEP WLO | WALKER'S LOW CATMINT |



Sustainable Design
Consultants, LLC



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE
ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER OR MODIFY IN ANY WAY, IF AN OTHER BEARING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION, ALTERED BY, FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A BRIEF DESCRIPTION OF THE
ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Apv	By	Date

LANDSCAPE
ENLARGEMENT -
NORTHWEST

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: #####

Drawing No.:

C-504

Sheet 35 of 58

MAY PARK -
PARK
PROVEMENT

CONSTRUCTION
DOCUMENTS

222 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

Submittal / Revision	Appr	By	Date

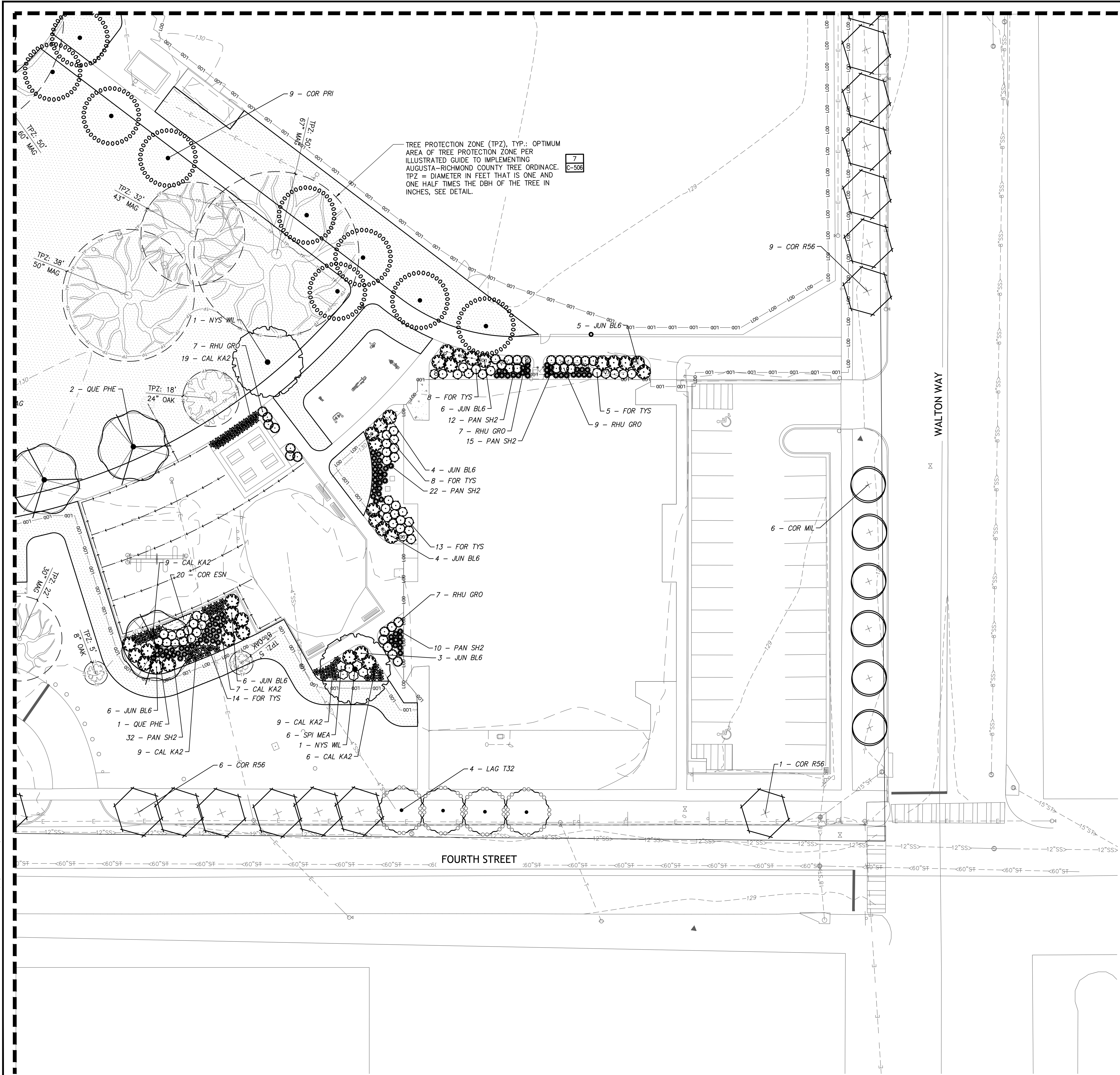
LANDSCAPE
ENLARGEMENT -
SOUTHWEST

Drawn By: SDW	Checked PG
Date: 10/26	Project No.: 093488.000
Scale: 1" = 20'	

Drawing No.:

C-505

Sheet 36 of 58



GENERAL LANDSCAPE NOTES

- CONTRACTOR SHALL CONFIRM LOCATION OF ALL UTILITIES AND SUBSURFACE DRAINS. CONTRACTOR TO REPAIR ALL DAMAGES TO EXISTING UTILITIES, CURBS, PAVEMENTS, ETC., RESULTING FROM LANDSCAPE WORK. ANY OTHER DAMAGE TO EXISTING UTILITIES OR PAVEMENTS TO BE REPAIRED BY THE OWNER. ALL TREES AND SHRUBS TO BE STAKED BY CONTRACTOR FOR APPROVAL BY THE LANDSCAPE ARCHITECT.
- ALL PLANTING OPERATIONS AND MATERIALS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERMEN STANDARDS AND THE PROJECT MANUAL.
- ALL PLANTING MATERIALS TO BE REMOVED IMMEDIATELY. ANY DAMAGE TO VEGETATION THAT IS TO REMAIN SHALL BE REPLACED WITH LIKE SPECIES AND SIZE.
- ALL PLANTING MATERIALS TO BE HANDLED CAREFULLY BY THE LANDSCAPE ARCHITECT PRIOR TO ANY ACTION TAKE. TREES SHALL BE PROTECTED AND HANDLED CAREFULLY AT ALL TIMES DURING TRANSPORT AND HANDLING TO PREVENT DRYING OF TREE OR ROOT BALL BY WINDS AND TO PREVENT BRUISING OR BREAKAGE. BREAKAGE OR BRUISING OF PLANTING MATERIALS SHALL BE REPLACED BY THE LANDSCAPE ARCHITECT.
- ALL PLANTING MATERIALS FOR RELOCATION SHALL BE PLANTED AS SOON AS POSSIBLE. WHILE STORING PLANT MATERIAL, PROTECT FROM DIRECT SUNLIGHT, WINDS AND TEMPERATURE EXTREMES. PREVENT ROOT SYSTEM FROM DRYING OUT.
- ALL PLANTING MATERIALS TO BE PLANTED AND SHRUBS SHALL BE PER APPROPRIATE DETAIL. SEED LIMIT LINES ARE APPROXIMATE. FINE GRADE, TOPSOIL, AND SEED ALL DISTURBED AREAS. TAKE CARE TO PROTECT EXISTING PLANTING MATERIALS.
- ALL SEED LAWN AREAS WITH SPECIFIED SEED MIXTURE AND SHALL BE DONE IN ACCORDANCE WITH THE PROJECT MANUAL.
- PLANTING SHALL IMMEDIATELY AFTER PLANTING AND CONTINUE TO WATER UNTIL FINAL ACCEPTANCE BY OWNER AND LANDSCAPE ARCHITECT.
- SHOULD A DISCREPANCY BE FOUND BETWEEN THE PLANTING PLAN AND PLANT SCHEDULE, THE PLANTING PLAN SHALL PREVAIL.

LEGEND

SYMBOL	CODE	COMMON NAME
TREES		
	ULM ALL	ALLEE® LACEBARK ELM
	COR PRI	CHEROKEE PRINCESS DOGWOOD
	AME ARB	DOWNY SERVICEBERRY
	CER FOR	FOREST PANSY EASTERN REDBUD
	QUE HRS	HIGHRISE LIVE OAK
	COR MIL	MILKY WAY KOUSA DOGWOOD
	PRU OAK	OAKVILLE CRIMSON SPIRE PURPLE PLUM
	MAG MUL	SAUCER MAGNOLIA MULTI-TRUNK
	COR R56	STELLAR PINK® DOGWOOD
	LAG T32	TONTO CRAPE MYRTLE MULTI-STEM
	NYS WIL	WILDFIRE TUPELO
	QUE PHE	WILLOW OAK
SHRUBS		
	JUN BL6	BLUE RUG JUNIPER
	ILE NAN	DWARF YAUPON HOLLY
	RHU GRO	GRO-LOW FRAGRANT SUMAC
	FOR TYS	SHOW OFF® STARLET FORSYTHIA
	SPI MEA	WHITE MEADOWSWEET

ORNAMENTAL GRASSES

	CAL KA2	KARL FOERSTER FEATHER REED GRASS
	PAN SH2	SHENANDOAH SWITCH GRASS
	SCH ST2	STANDING OVATION LITTLE BLUESTEM
	MUH WHI	WHITE CLOUD MUHLY GRASS

GRASSES

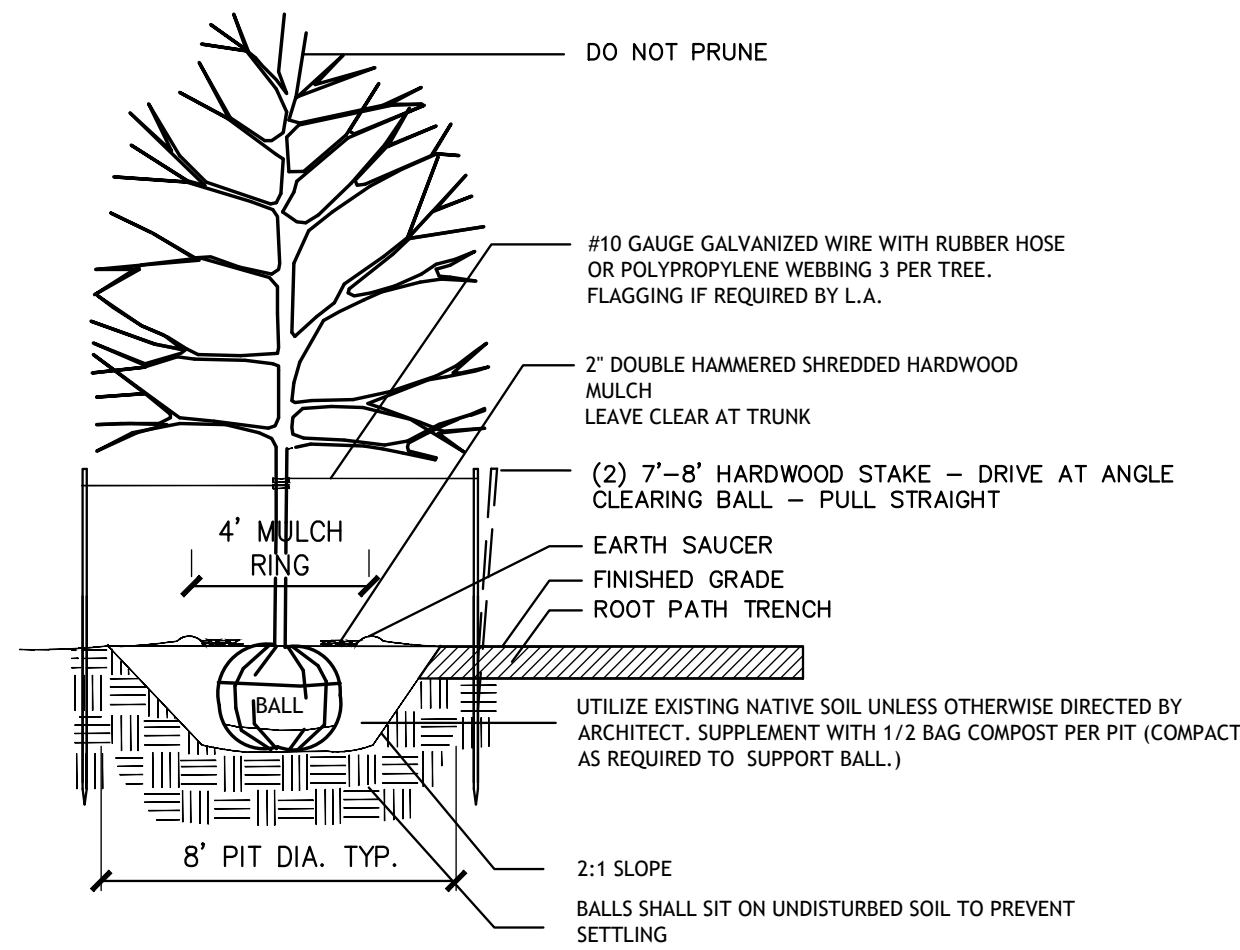
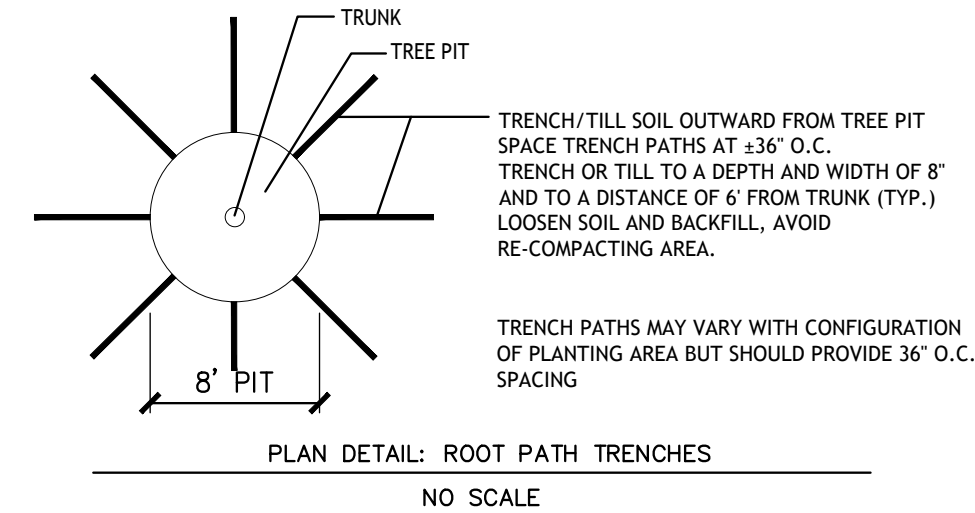
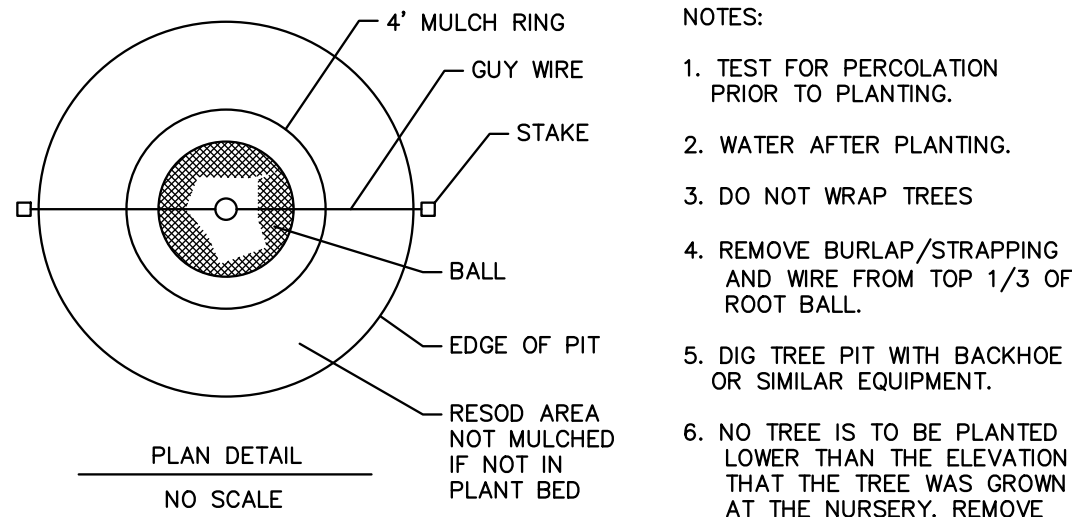
	CYN DAC	BERMUDAGRASS
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PERENNIALS

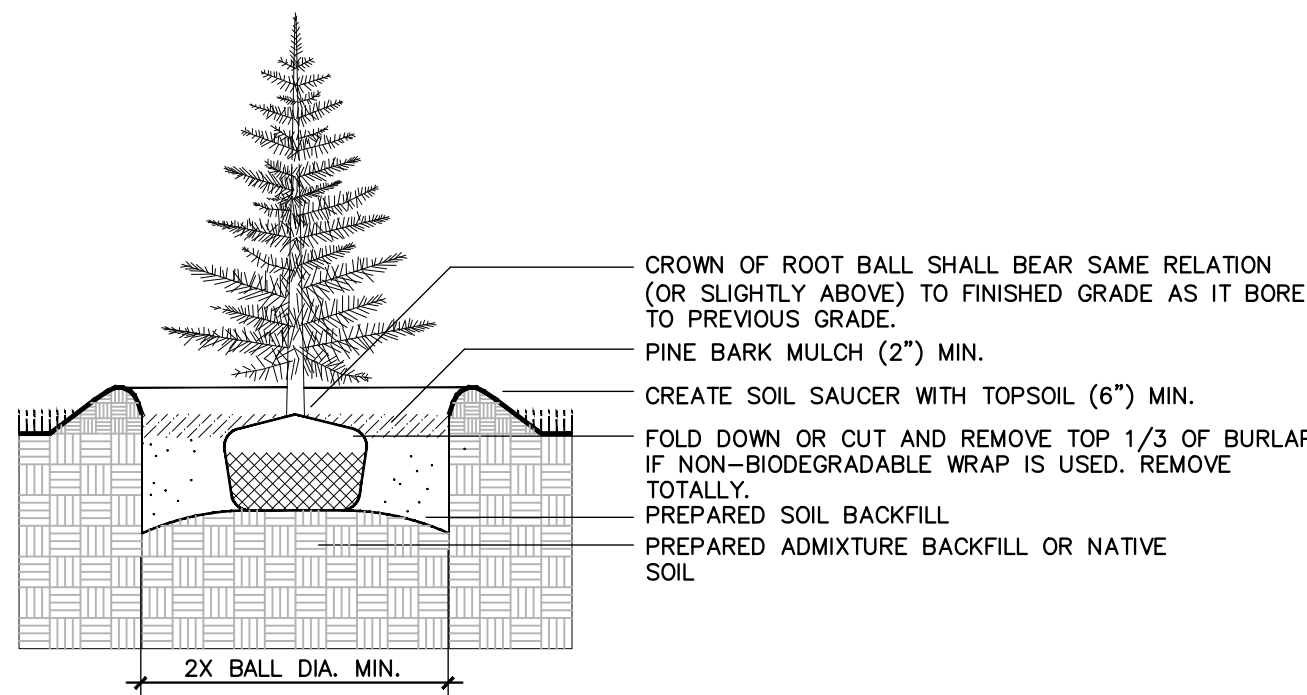
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	ECH MAG	MAGNUS PURPLE CONEFLOWER
	NEP WLO	WALKER'S LOW CATMINT



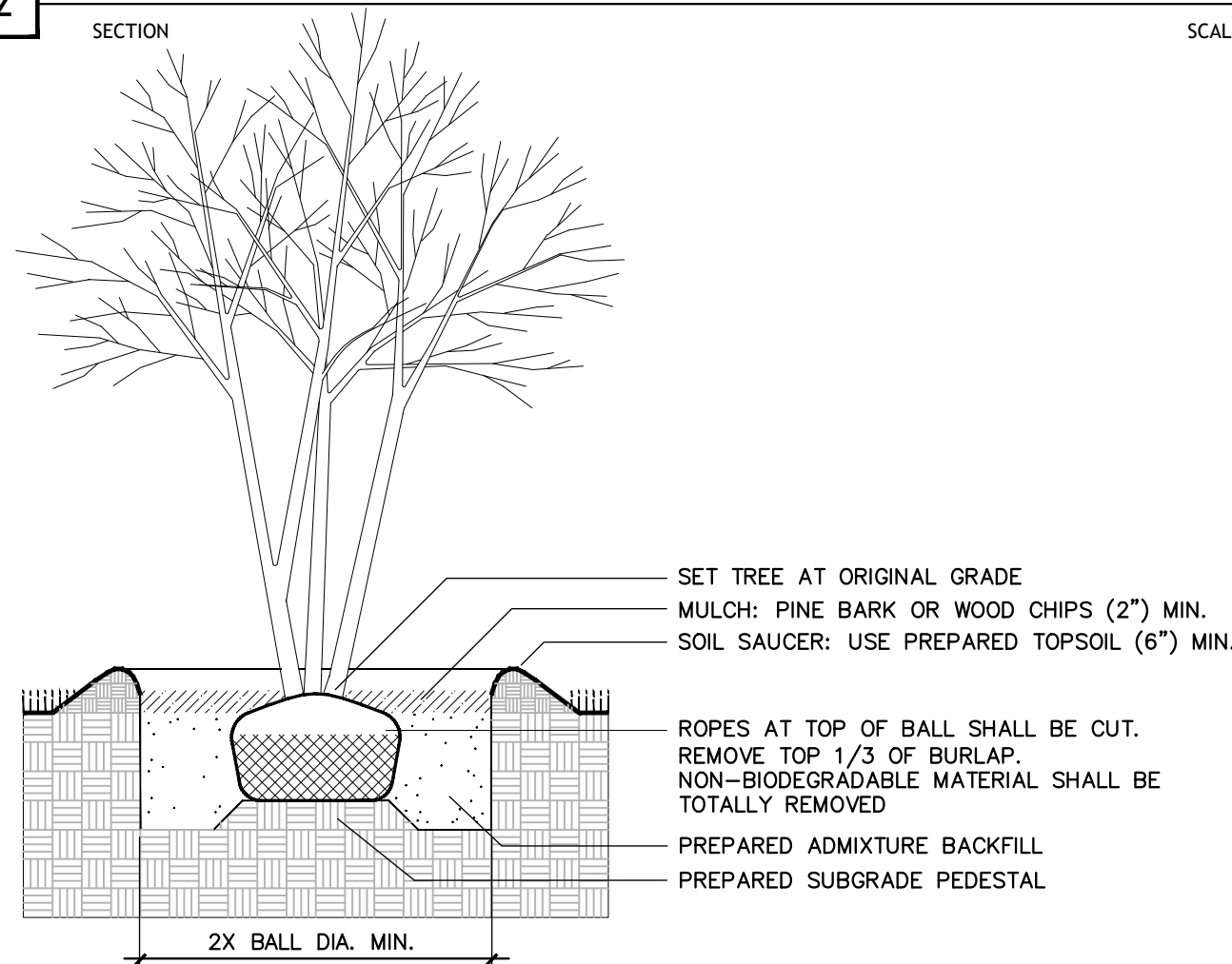
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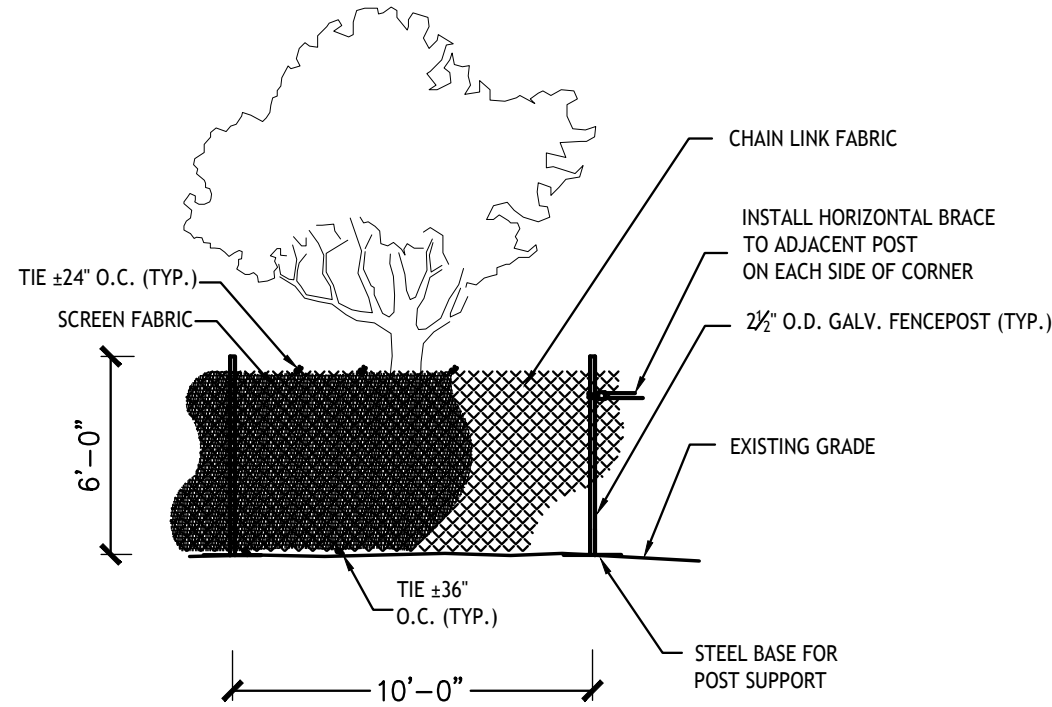
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PLAN AND SECTION
SCALE: N.T.S.



2 CONIFEROUS TREE PLANTING
SECTION
SCALE: N.T.S.



3 DECIDUOUS MULTI-STEM TREE PLANTING
SECTION
SCALE: N.T.S.

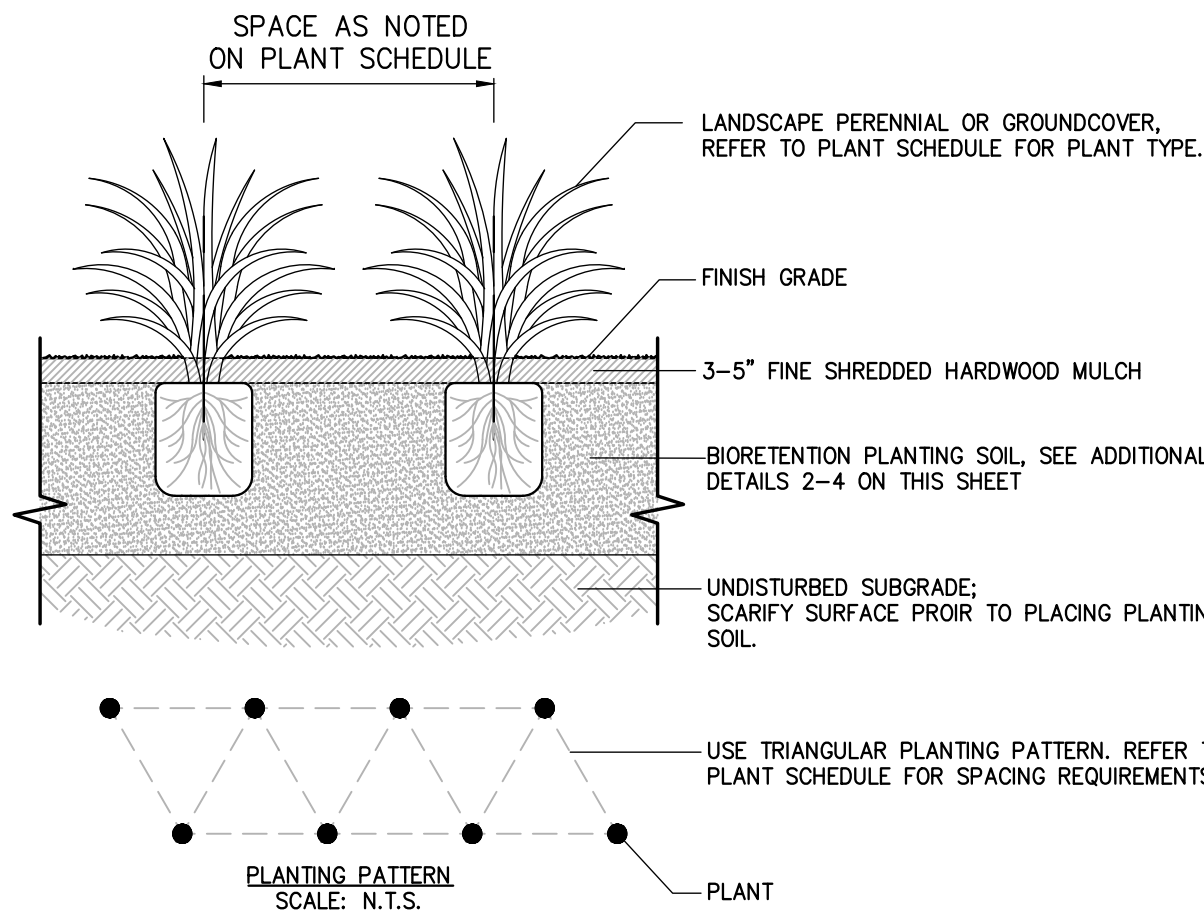


- NOTES:
1. TEST FOR PERCOLATION PRIOR TO PLANTING.
 2. REMOVE PAPER, PLASTIC OR METAL CONTAINER THAT MAY BE AROUND ROOTS
 3. WATER AFTER PLANTING
 4. DO BED PREPARATION ON ALL SHRUB & GROUNDCOVER AREAS

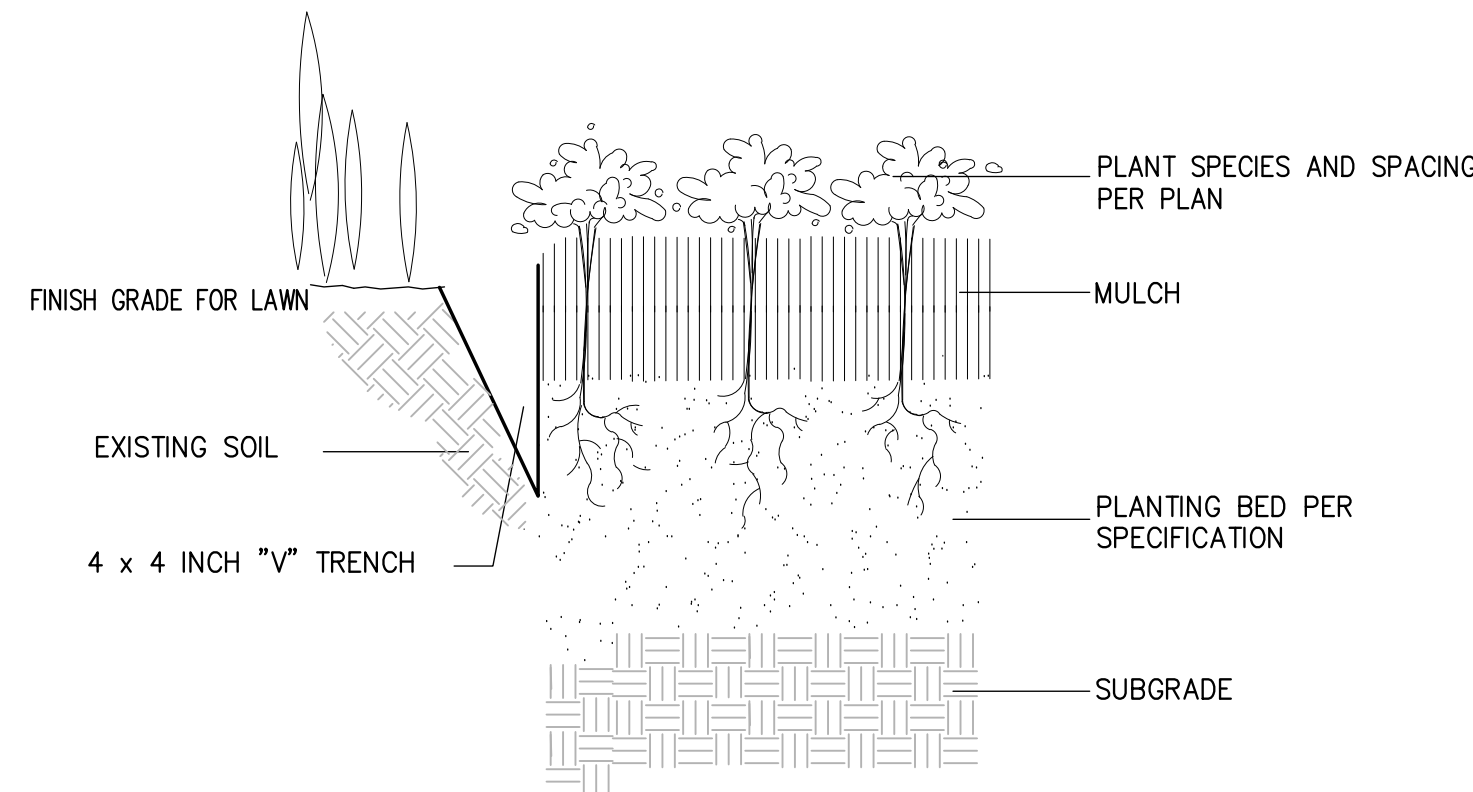
4 SHRUB PLANTING
SECTION
SCALE: N.T.S.

- NOTES:
1. SEE LANDSCAPE PLANS FOR LOCATION OF TREE PROTECTION FENCING.
 2. PROVIDE PROTECTION FENCE FOR ALL TREES TO REMAIN.
 3. PROTECTION FENCING TO BE PLACED OUTSIDE OF DRIPLINE OF TREE CANOPY UNLESS OTHERWISE INDICATED ON LANDSCAPE PLAN OR APPROVED BY PROJECT MANAGER.
 4. A 3" LAYER OF HARDWOOD MULCH SHALL BE PLACED OVER TREE PROTECTION AREA.
 5. PROTECTION FENCING SHALL BE IN PLACE AND HARDWOOD MULCH PLACED PRIOR TO BEGINNING CONSTRUCTION.
 6. REQUESTS FOR PAYMENT SHALL NOT BE APPROVED UNTIL PROTECTION FENCING AND MULCH IS IN PLACE.
 7. LOCATION OF THE PROTECTION FENCING SHALL BE MARKED BY ARBORIST AND APPROVED BY PROJECT MANAGER BEFORE INSTALLATION. WHERE CONSTRUCTION IS LIKELY TO OCCUR WITHIN 5' OF PROPOSED LOCATION OF PROTECTION FENCING, CONTRACTOR SHALL HAVE LIMITS OF CONSTRUCTION MARKED BY SURVEY BEFORE PROTECTION FENCING IS INSTALLED.
 8. SCREEN FABRIC SHALL BE DARK GREEN 85% OPAQUE, POLYETHYLENE KNIT MESH, UV STABILIZED WITH BURST STRENGTH OF AT LEAST 210 P.S.I.
- THE FOLLOWING FENCING SPEC MAY ALSO BE USED FOR TREE PROTECTION FENCING:
- PORTABLE CHAIN-LINK FENCING; MIN. 2", 0.148" THICK, GALVANIZED STEEL, CHAIN-LINK FABRIC FENCING; MIN. 8' HIGH WITH GALVANIZED STEEL PIPE POSTS; MIN. 2 1/2" O.D. LINE POSTS AND 2 1/2" O.D. CORNER AND PULL POSTS, WITH 1 1/2" O.D. TOP AND BOTTOM RAILS. PROVIDE GALVANIZED STEEL BASES FOR SUPPORTING POSTS.

7 TREE PROTECTION DETAIL
PLAN AND SECTION
SCALE: N.T.S.



5 PERENNIAL / GROUNDCOVER PLANTING DETAIL
SECTION
SCALE: N.T.S.



6 "V" TRENCH EDGING DETAIL
SECTION
SCALE: N.T.S.

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

LANDSCAPE DETAILS

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: AS SHOWN

Drawing No.:

C-506

Sheet 37 of 58

GENERAL NOTES

1. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. STAKE-OUT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.
2. LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE FAILURE TO DO SO. CONTACT GEORGIA DIG SAFE AT 811 AT LEAST 72 BUSINESS HOURS PRIOR TO COMMENCING CONSTRUCTION.
3. CONTRACTOR SHALL INFORM LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.
4. BASE PLAN DATA DERIVED FROM SITE SURVEY. PROVIDED BY EMC ENGINEERING, DATED APRIL 15, 2024

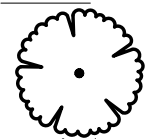
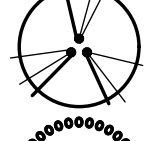
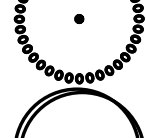
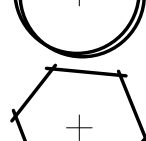
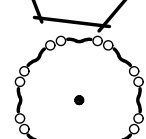
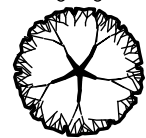
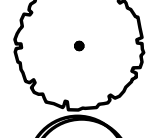
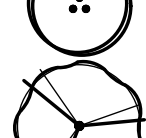
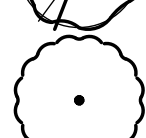
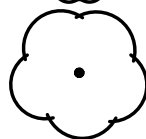
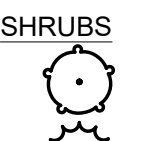
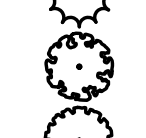
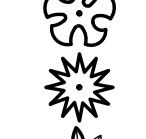
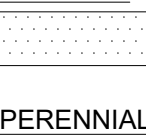
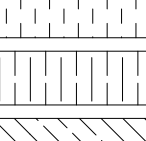
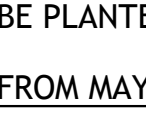
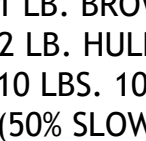
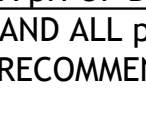
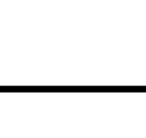
PLANTING NOTES

1. PLANTS LABELED NIC ARE NOT IN CONTRACT AND ARE NOT A PART OF THIS PHASE OF WORK.
2. REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPINGS OF PLANTS IN THE PLANT LIST GENERALLY FOLLOWS OR EXCEEDS A CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD FOR NURSERY STOCKS. SEE THE PLANT LIST FOR MORE RESTRICTIVE REQUIREMENTS.
3. ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
4. MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEARS VERTICAL GROWTH (TOP CANDLE).
5. THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO OPENING ANY PLANTING PITS.
7. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL DO PERCOLATION TEST AS DETAILED ON DETAIL C-504. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTINGS RELOCATED.
8. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PANS, STEAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE, THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
9. PLANTING PITS FOR TREE AND SHRUBS SHALL BE PREPARED AS PER DETAILS.
10. DOUBLE HAMMERED SHREDDED HARDWOOD MULCH SHALL BE APPLIED TO ALL SHRUB BEDS BY THE CONTRACTOR. BEDS SHALL BE TREATED WITH PREEMERGENT HERBICIDE BY THE CONTRACTOR BEFORE MULCH IS APPLIED. SHREDDED HARDWOOD MULCH SHALL BE TWO INCHES DEEP. A SAMPLE OF SHREDDED HARDWOOD MULCH SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
11. ALL TREES ARE TO BE STAKED IMMEDIATELY AFTER PLANTING AS DETAILED. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF STAKING HOSES, ETC. AT THE END OF THE ONE YEAR GUARANTEE PERIOD.
12. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLY NEAT AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THE PROJECT.
13. PLANTS SHALL BE GUARANTEED FOR THE DURATION OF ONE (1) FULL YEAR AFTER THE FINAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER. PLANTS SEVERELY DAMAGED BY VANDALS ARE NOT SUBJECT TO REPLACEMENT BY THE CONTRACTOR DURING THE ONE YEAR GUARANTEE PERIOD.
14. REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE ALIVE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETE, AND SHALL BE SUBJECT TO A ONE (1) YEAR GUARANTEE FROM THE DATE OF SATISFACTORY REPLACEMENT.
15. SHOULD THE CONTRACTOR NOT MAKE REPLACEMENTS IN A SATISFACTORY AND TIMELY FASHION IN ACCORD WITH THE PLANTING NOTES, THE OWNER, AFTER PROPER NOTIFICATION TO THE CONTRACTOR MAY UTILIZE THE FUNDS OF THE RETAINAGE TO HAVE THE REPLACEMENTS MADE IN ACCORD WITH THE SPECIFICATIONS BY ANOTHER CONTRACTOR.
16. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT.
17. PLANT MATERIAL QUANTITIES PROVIDED IN THE PLANT LIST ARE FOR REFERENCE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR THE ACTUAL PLANT MATERIAL COUNTS. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE PLANTING PLAN AND THOSE IN THE PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. IF CLARIFICATION OF DISCREPANCIES FROM THE LANDSCAPE ARCHITECT IS NOT POSSIBLE, THEN QUANTITIES SHOWN ON THE PLANTING PLAN SHALL TAKE PRECEDENCE.

AUGUSTA TREE PLAN NOTES

1. ALL REQUIRED TREES ARE RECOMMENDED TO BE GROWN WITHIN ONE CLIMATIC ZONE OF AUGUSTA, GA
2. TREES PLANTED FOR CANOPY COVER CREDIT SHALL MEET QUALITY AND SIZE STANDARDS AS DESCRIBED IN THE ANSI Z60.1 AMERICAN STANDARD FOR NURSERY STOCK DATED 1990 AND PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, AS OFFICIALLY REVISED AND AMENDED FROM TIME TO TIME. ALL TREES SHALL BE PER IGO LIST.
3. ALL TREES SELECTED FOR PLANTING SHOULD BE OF URBAN TOLERANT SPECIES AND SUITABLE FOR THE SITE CONDITIONS OF PLANTING LOCATION, INCLUDING GROWING SPACE LIMITS, SOIL MOISTURE, SOIL VOLUME, AND CLASSIFIED AS WATER WISE PLANT ONCE ESTABLISHED. ALL TREES SHALL BE PER IGO LIST.
4. ALL REQUIRED TREES SHALL BE NURSERY GROWN, TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL, DENSELY DEVELOPED BRANCHES AND VIGOROUS, FIBROUS ROOT SYSTEMS. TREES SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM DEFECTS, FREE FROM DISFIGURING KNOTS, FREE FROM SUN SCALD INJURIES, FROST CRACKS AND/OR ABRASIONS OF THE BARK, AND BE FREE FROM PLANT DISEASES, INSECT EGGS, BORERS, AND ALL FORMS OF INFESTATION. ALL TREES SHALL HAVE A FULLY DEVELOPED FORM WITHOUT VOIDS AND OPEN SPACE. TREES SHALL NOT BE LOOSE IN THE CONTAINER OR ROOT BALL. IT IS RECOMMENDED THAT DUG TREES SHALL HAVE BEEN ROOT PRUNED AT LEAST ONCE.
5. ALL REQUIRED TREES SHALL HAVE STRAIGHT, SINGLE CENTRAL LEADERS. TREES THAT HAVE THE MAIN TRUNK FORMING A "Y" SHAPE ARE NOT ACCEPTABLE. TREES THAT ARE NOT FULLY BRANCHED WILL NOT BE ACCEPTED. TREES SHALL HAVE NO BARK DAMAGE AND SHALL NOT BE LEANING OR HAVE SIGNIFICANT SWEEP, CROOK OR BEND. TREES SHALL HAVE A MINIMUM THREE INCH (3") CALIPER AND SHALL HAVE NO BRANCH MORE THAN 1/5 THE DIAMETER OF THE MAIN LEADER AND SHALL HAVE A STRAIGHT UNBRANCHED TRUNK TO SIX FEET (6'). TREES SPECIFIED AS "MULTI-STEMMED" SHALL HAVE A MINIMUM OF THREE (3) AND A MAXIMUM OF FIVE (5) SEPARATE CANES A MINIMUM OF ONE INCH (1") CALIPER EACH COMING FROM THE ROOT BALL AND PRUNED INTO TREE FORM WITH NO BRANCHES ON THE LOWER HALF OF THE TREE. MULTIPLE PLANTS SHALL NOT BE USED AS A "MULTI-STEMMED" PLANT.
6. ALL REQUIRED TREES SHALL BE SET IN THE PLANTING PIT TO PROPER GRADE AND ALIGNMENT, AND SHALL BE SET UPRIGHT, PLUMB AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO OTHER TREES. EACH TREE SHALL BE SET ONE TO TWO INCHES (1-2") ABOVE THE FINISH GRADE AND BACKFILL SHALL BE BROUGHT EVEN WITH THE TOP OF THE ROOT BALL. NO FILL SHALL BE PERMITTED ATOP THE ROOT BALL.
8. ALL BURLAP, ROPES, STRAPS AND WIRES SHALL BE REMOVED FROM THE ROOT BALL. IF IT IS NOT POSSIBLE TO REMOVE THE BURLAP AND WIRE FROM THE BOTTOM OF THE ROOT BALL, THE BURLAP AND WIRE SHALL BE CUT AWAY FROM THE SIDES AND REMOVED FROM THE HOLE.
9. AFTER REQUIRED TREES ARE SET, THE BACKFILL SHALL BE MUDDLED AROUND THE BASE OF THE ROOT BALL AND ALL VOIDS SHALL BE FILLED. ALL REQUIRED TREES SHALL HAVE THEIR PLANTING PITS MULCHED WITH APPROVED MULCHING MATERIAL IMMEDIATELY AFTER PLANTING. THE MULCHED AREAS SHALL BE THOROUGHLY WATER. NOTE: MULCH SHALL BE PLACED TO A MAXIMUM THICKNESS OF THREE INCHES (3") NO MULCH WITHIN EIGHT INCHES (8") OF TRUNK OF TREE.
10. IF STAKING AND SUPPORTS HAVE BEEN INSTALLED ON THE REQUIRED TREE(S), ALL STAKING AND SUPPORTS SHALL BE REMOVED AFTER ONE GROWING SEASON.
11. AS A GENERAL RULE, THE FOLLOWING GUIDELINES FOR TREE DIVERSITY WITHIN THE TREE PLANTING SITE AND POPULATION SHOULD BE ADHERED TO: 1) PLANT NO MORE THAN TEN PERCENT (10%) OF ANY SPECIES; NO MORE THAN TWENTY PERCENT (20%) OF ANY GENUS; AND NO MORE THAN THIRTY PERCENT (30%) OF ANY FAMILY.
12. NO LIGHTING CAN BE WITHIN TWENTY FEET (20') OF A REQUIRED TREE OR WITHIN A REQUIRED LANDSCAPE ISLAND.
13. LIGHTING ON THE ELECTRICAL PLAN MUST BE CONSISTENT WITH LIGHTING DELINEATED ON THE TREE PROTECTION / TREE ESTABLISHMENT PLAN; IF CONFLICTS BETWEEN THE TWO PLANS ARISE, THE LIGHTING ON THE TREE PROTECTION / TREE ESTABLISHMENT PLAN SUPERSEDES LIGHTING ON THE ELECTRICAL PLAN.
14. NO SIGNS, WITH THE EXCEPTION OF SMALL DIRECTIONAL SIGNS (THESE SIGNS MAY NOT EXCEED THIRTY INCHES (30") IN HEIGHT NOR MORE THAN FOUR SQUARE FEET (4 SQ. FT.) IN AREA), MAY BE LOCATED WITHIN TWENTY FEET (20') OF A REQUIRED TREE OR WITHIN REQUIRED LANDSCAPE ISLANDS.
15. NO BICYCLE RACKS, FIRE HYDRANTS, UTILITY BOXES, TRANSFORMERS OR OTHER SITE APPURTENANCES MAY BE LOCATED IN REQUIRED LANDSCAPE ISLANDS.
16. A PERMANENT WATER SOURCE MUST BE WITHIN ONE HUNDRED FEET (100') OF ALL REQUIRED TREES.
17. NO NEW UTILITIES (OVERHEAD OR UNDERGROUND) MAY BE LOCATED DIRECTLY ABOVE OR BELOW EXISTING OR PROPOSED TREE LOCATIONS. PROPOSED UTILITIES MUST BE ROUTED AWAY FROM ALL REQUIRED TREES ON THIS SITE.

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
TREES							
	AME ARB	13	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	3" CAL.	B&B	20 TREE QUALITY POINTS
	CER FOR	21	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY EASTERN REDBUD	3" CAL.	B&B	20 TREE QUALITY POINTS
	COR PRI	18	CORNUS FLORIDA 'CHEROKEE PRINCESS'	CHEROKEE PRINCESS DOGWOOD	3" CAL.	B&B	40 TREE QUALITY POINTS
	COR MIL	23	CORNUS KOUSA 'MILKY WAY'	MILKY WAY KOUSA DOGWOOD	3" CAL.	B&B	90 TREE QUALITY POINTS
	COR R56	26	CORNUS X 'RUTGAN'	STELLAR PINK® DOGWOOD	3" CAL.	B&B	40 TREE QUALITY POINTS
	LAG T32	22	LAGERSTROEMIA INDICA X FAURIEI 'TONTO'	TONTO CRAPE MYRTLE MULTI-STEM	3" CAL.	B&B	40 TREE QUALITY POINTS
	MAG MUL	7	MAGNOLIA X SOULANGEANA	SAUCER MAGNOLIA MULTI-TRUNK	3" CAL.	B&B	
	NYS WIL	8	NYSSA SYLVATICA 'WILDFIRE'	WILDFIRE TUPELO	3" CAL.	B&B	90 TREE QUALITY POINTS
	PRU OAK	7	PRUNUS CERASIFERA 'OAKVILLE CRIMSON SPIRE'	OAKVILLE CRIMSON SPIRE PURPLE PLUM	3" CAL.	B&B	5 TREE QUALITY POINTS
	QUE PHE	7	QUERCUS PHELLOS	WILLOW OAK	3" CAL.	B&B	90 TREE QUALITY POINTS
	QUE HRS	8	QUERCUS VIRGINIANA 'QVTTIA'	HIGHRISE LIVE OAK	3" CAL.	B&B	90 TREE QUALITY POINTS
	ULM ALL	4	ULMUS PARVIFOLIA 'ALLEE'	ALLEE® LACEBARK ELM	3" CAL.	B&B	90 TREE QUALITY POINTS
SHRUBS							
	FOR TYS	70	FORSYTHIA X INTERMEDIA 'MINFOR®'	SHOW OFF® STARLET FORSYTHIA	---	3 GAL.	
	ILE NAN	7	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	---	3 GAL.	
	JUN BL6	79	JUNIPERUS HORIZONTALIS 'BLUE RUG'	BLUE RUG JUNIPER	---	3 GAL.	
	RHU GRO	70	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	---	3 GAL.	
	SPI MEA	45	SPIRAEA ALBA	WHITE MEADOWSWEET	---	3 GAL.	
ORNAMENTAL GRASSES							
	CAL KA2	72	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	---	1 GAL.	
	MUH WHI	124	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY GRASS	---	1 GAL.	
	PAN SH2	163	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	---	1 GAL.	
	SCH ST2	30	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	STANDING OVATION LITTLE BLUESTEM	---	1 GAL.	
GRASSES							
	CYN DAC	110,693 SF	CYNODON DACTYLON	BERMUDAGRASS	---		
PERENNIALS							
	COR ESN	40	COREOPSIS GRANDIFLORA 'EARLY SUNRISE'	EARLY SUNRISE TICKSEED	---	1 GAL.	18" o.c.
	ECH MAG	80	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	---	1 GAL.	12" o.c.
	NEP WLO	46	NEPETA X 'WALKER'S LOW'	WALKER'S LOW CATMINT	---	1 GAL.	24" o.c.

SHRUBS

ORNAMENTAL GRASSES

SYMBOL

GRASSES

PERENNIALS

GRASSING SCHEDULE (PER 1000 SF)

NOTE: SEED ALL DISTURBED AREAS DUE TO GRADING OR TRENCHING AND ALL AREAS NOT TO BE PLANTED.

FROM MAY 1 - AUGUST 31

1 LB. BROWNTOP MILLET
2 LB. UNHULLED BERMUDA
10 LBS. 10-10-10 FERTILIZER
(50% SLOW RELEASE NITROGEN)

*APPLY LIMESTONE ONLY IF pH TEST SHOWS A pH OF BELOW 6.0- APPLICATION RATE, AND ALL pH MODIFICATIONS PER SOIL TEST RECOMMENDATIONS.

FROM SEPTEMBER 1 - APRIL 30

8 LB. ANNUAL RYE
2 LB. UNHULLED BERMUDA
10 LBS. 10-10-10 FERTILIZER
(50% SLOW RELEASE NITROGEN)

*APPLY LIMESTONE ONLY IF pH TEST SHOWS A pH OF BELOW 6.0- APPLICATION RATE, AND ALL pH MODIFICATIONS PER SOIL TEST RECOMMENDATIONS.

NOTE: ALL TREES LABELED AS MULTI-STEMMED OR MULTI-TRUNK SHALL HAVE A MINIMUM OF 3 AND A MAXIMUM OF 5 SEPARATE CANES A MINIMUM OF 1" CALIPER EACH COMING FROM THE ROOT BALL AND MUST BE PRUNED INTO TREE FORM WITH NO BRANCHES ON THE LOWER HALF OF THE TREE. MULTIPLE PLANTS SHALL NOT BE USED AS A MULTI-STEMMED PLANT.

ALL TREES ARE TO BE A MINIMUM OF 3" CALIPER, 8' IN HEIGHT, AND UNBRANCHED TO 6'.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Apv	By	Date

LANDSCAPE DETAILS

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: AS SHOWN

Drawing No.:

C-507

Sheet 42 of 58

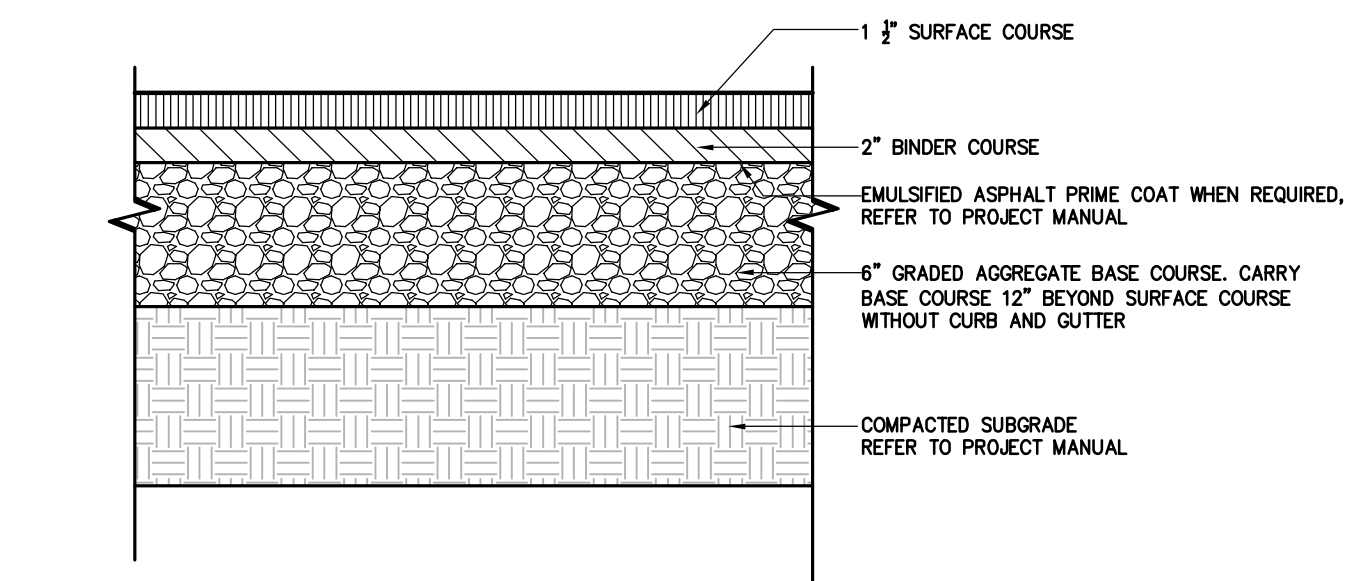
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GENERAL NOTES

- EMULSIFIED ASPHALT PRIME COAT IS ONLY REQUIRED WHEN BASE IS ALLOWED TO SIT FOR PROLONGED PERIODS OF TIME AND EXPOSED TO INCLEMENT WEATHER.
- SEE PROJECT MANUAL FOR OTHER REQUIREMENTS

1 Heavy Duty Asphalt Pavement

SECTION SCALE: NOT TO SCALE

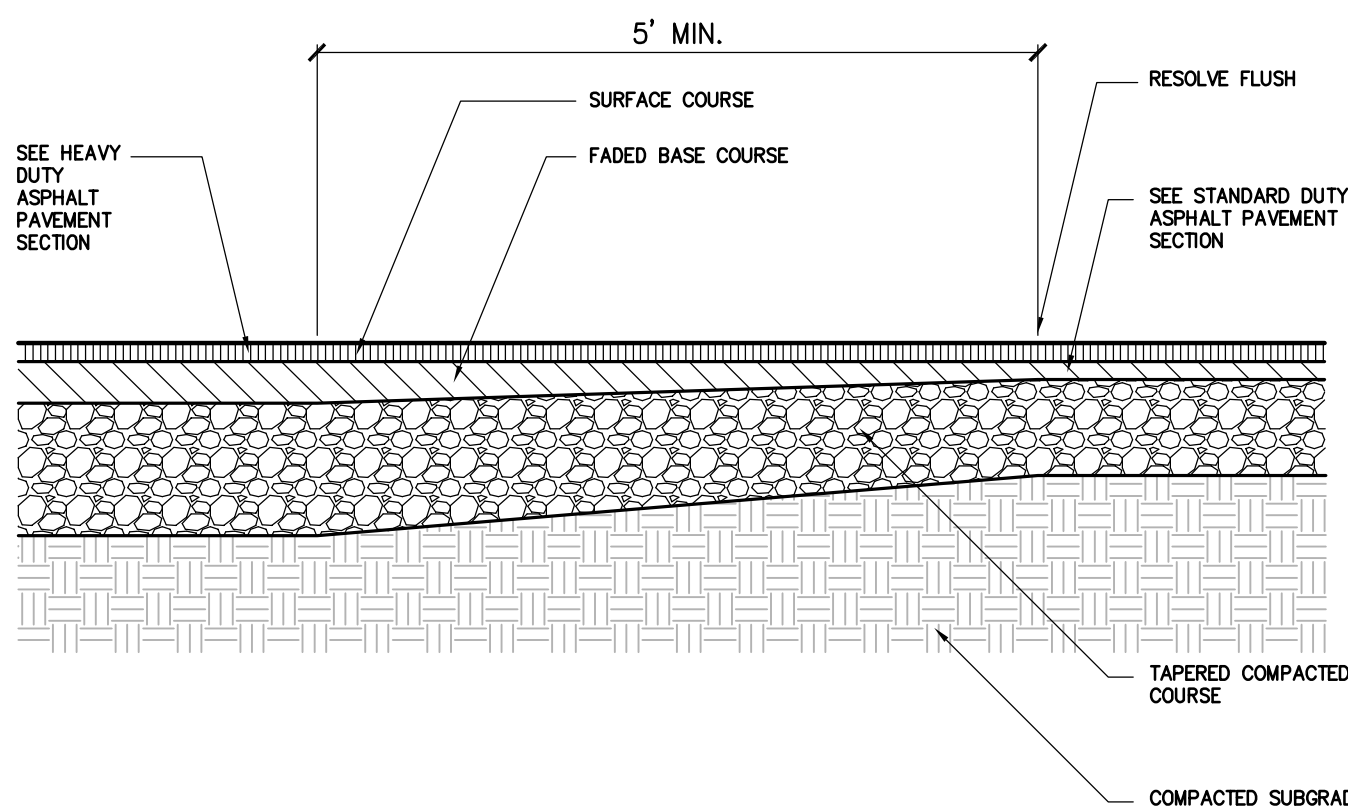


GENERAL NOTES

- EMULSIFIED ASPHALT PRIME COAT IS ONLY REQUIRED WHEN BASE IS ALLOWED TO SIT FOR PROLONGED PERIODS OF TIME AND EXPOSED TO INCLEMENT WEATHER.
- SEE PROJECT MANUAL FOR OTHER REQUIREMENTS

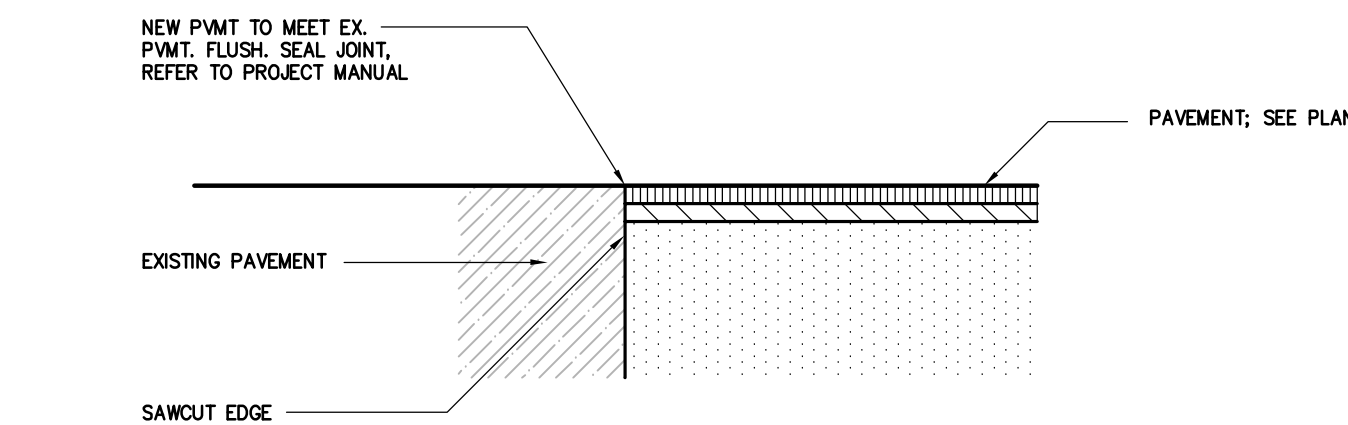
2 Standard Duty Asphalt Pavement

SECTION SCALE: NOT TO SCALE



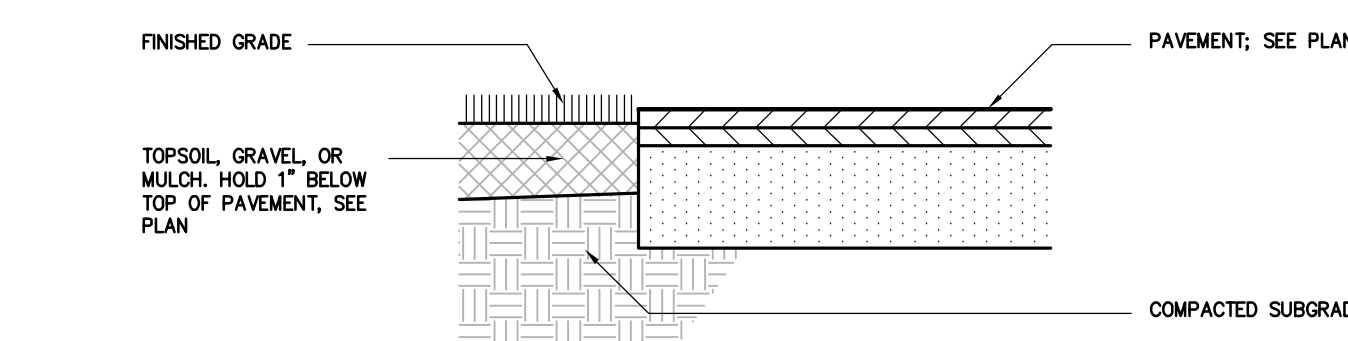
3 Heavy Duty Asphalt Paving at Standard Duty Asphalt Paving

SECTION SCALE: NOT TO SCALE



4 Pavement at Existing Pavement

SECTION SCALE: NOT TO SCALE



5 Pavement at Grade

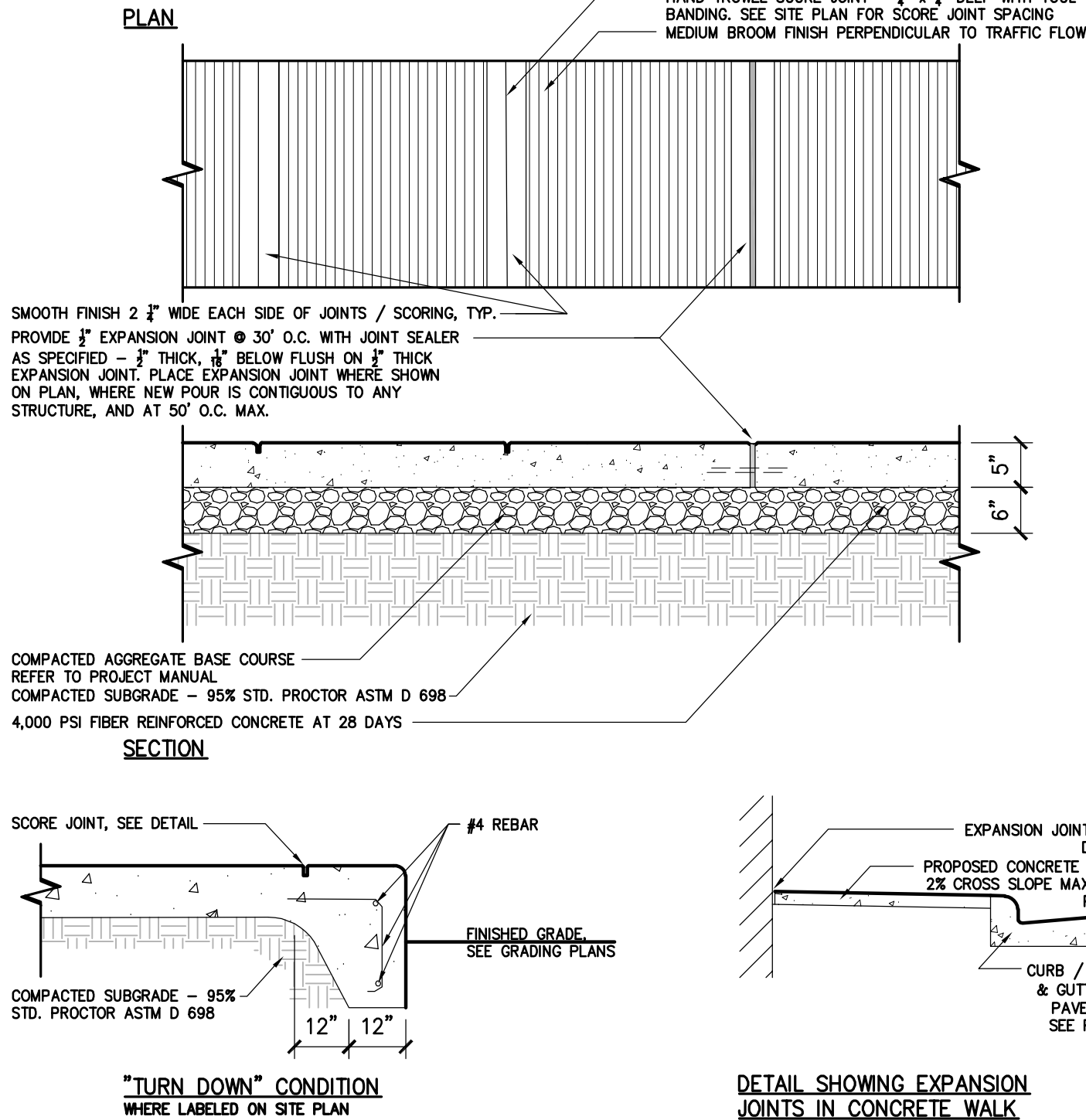
SECTION SCALE: NOT TO SCALE

GENERAL NOTES

- CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330.
- CONTRACTOR TO SUBMIT JOINTING PLAN TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION PAVEMENT.

6 Heavy Duty Concrete Pavement

SECTION SCALE: NOT TO SCALE

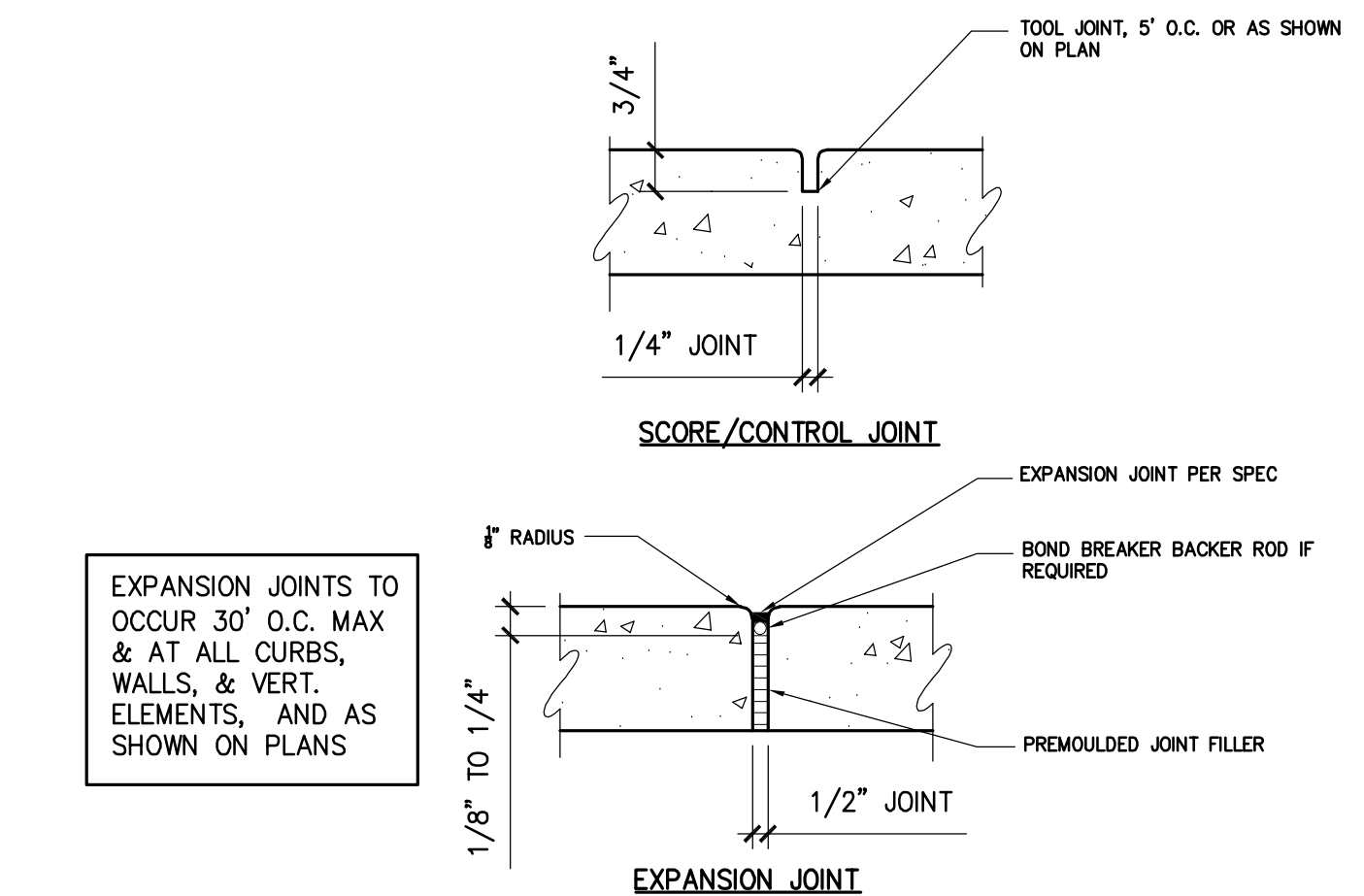


GENERAL NOTES

- JOINTS SHALL BE REQUIRED IN THE CONCRETE PAVING AT INTERVALS SHOWN ON THE PLAN AND PER APPLICABLE DETAILS. EXPANSION JOINTS WILL BE REQUIRED AT INTERVAL OF NOT MORE THAN 30' AND MATCHING EXPANSION / CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI IN 28 DAYS.
- ZONING CONDITIONS MAY REQUIRE ADDITIONAL WIDTH SIDEWALKS WHICH SHALL SUPERSEDE THESE STANDARD DIMENSIONS SHOWN.
- LIDS FOR JUNCTION BOXES AND UTILITY VAULTS SHALL BE NON-SKID AS SPECIFIED BY THE ENGINEER.
- JOINT MATERIALS SHALL LIMIT SHRINK / SWELL SO POST CONSTRUCTION INSTALLATION RESULTS IN A MAXIMUM OF 1/4\"/>

7 Standard Duty Concrete Pavement

PLAN AND SECTION SCALE: NOT TO SCALE



8 Concrete Score / Expansion Joints

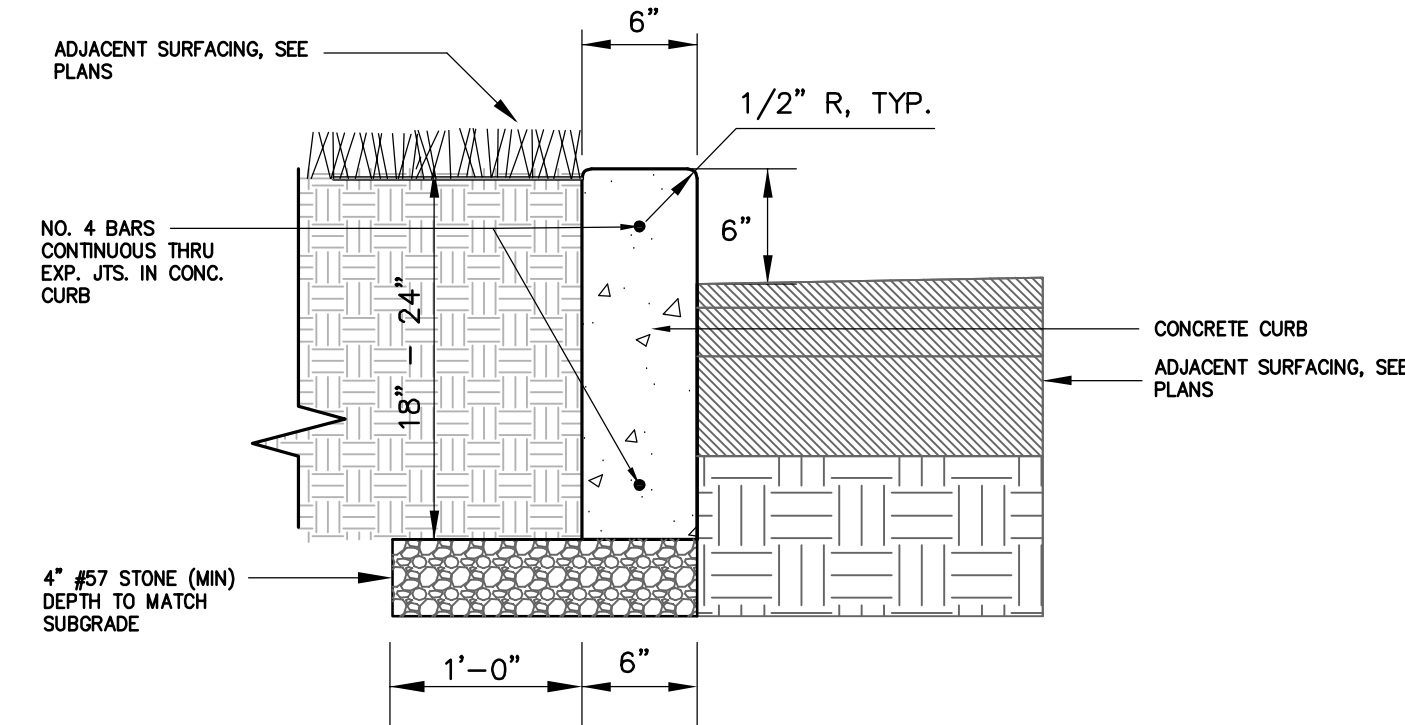
SECTION SCALE: NOT TO SCALE

GENERAL NOTES

- THE TRUNCATED DOME SURFACE SHALL CONTRAST VISUALLY WITH ADJOINING WALKING SURFACES DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE TRUNCATED DOME SURFACE.
- THE DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP, OR FLUSH SURFACE AS INDICATED ON LAYOUT PLAN.
- DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL.
- DETECTABLE WARNING PLATES SHALL BE NENEAH FOUNDRY BOLTED PLATES, OR APPROVED EQUAL. PAINT COLOR: RED.

9 Detectable Warning Surface

PLAN AND SECTION SCALE: NOT TO SCALE

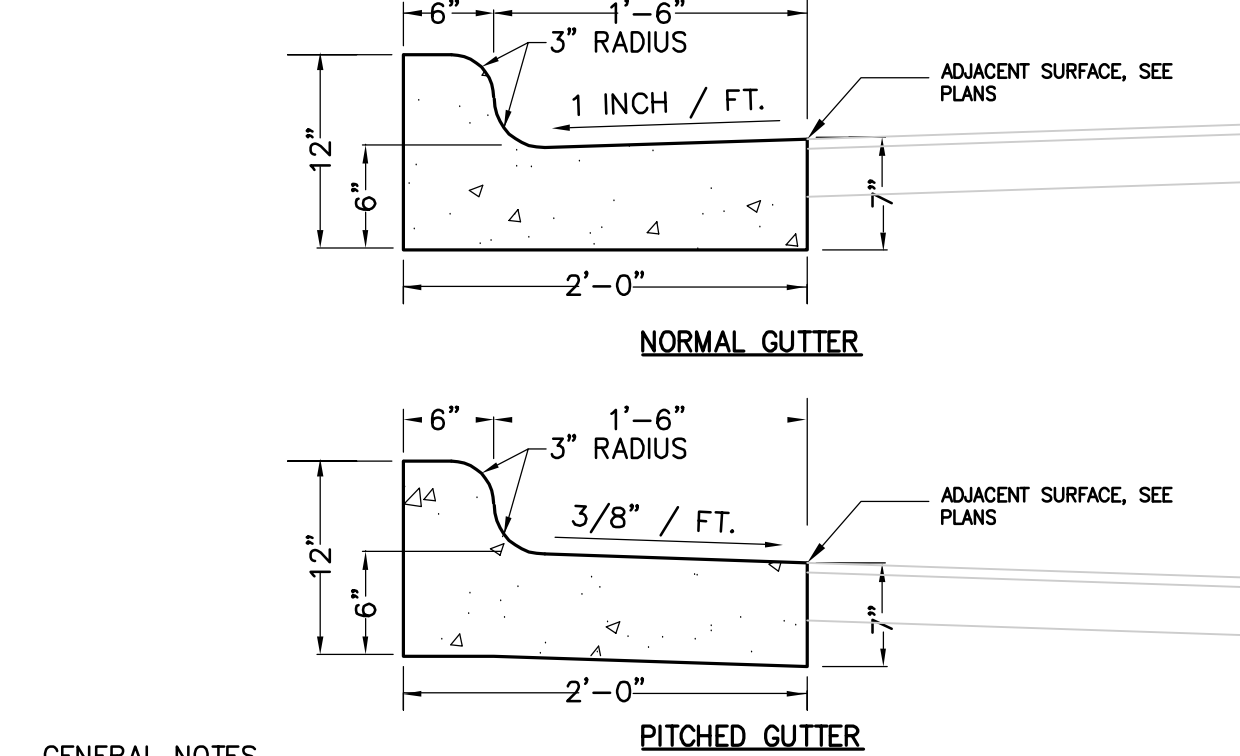


GENERAL NOTES

- PAVEMENT / GRAVEL / MULCH / SYNTHETIC SURFACING TO BE FLUSH WITH TOP OF CURB - SEE GRADING PLANS
- PLAYGROUND ENGINEERED WOOD FIBER SURFACING TO BE 6\"/>

10 Vertical Concrete Curb

SECTION SCALE: NOT TO SCALE

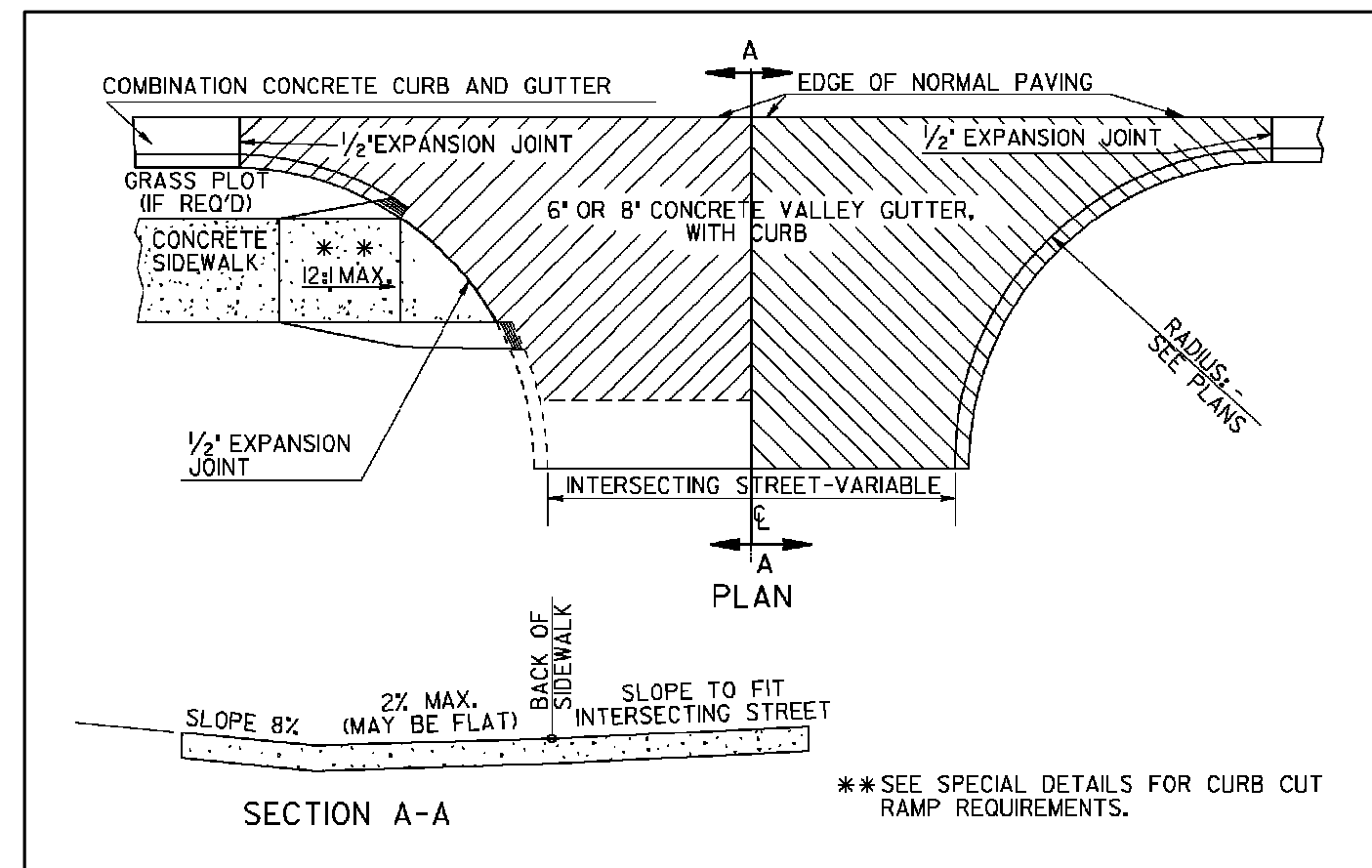


GENERAL NOTES

- BASE COMPACTION UNDER CURB TO BE 98% (ASTM D698)
- CONTRACTION JOINTS TO BE SAW CUT NO LATER THAN 24 HOURS AFTER THE POUR.
- SEE GRADING PLAN FOR PITCH DIRECTION OF ADJACENT ASPHALT PARKING LOT. USE NORMAL GUTTER WHERE CURB IS BEING USED TO CONVEY SURFACE FLOW RUNOFF. USE EDGED GUTTER WHERE SURFACE FLOW SLOPES AWAY FROM CURB, MOST LIKELY INSTANCES OF AN ISLAND BEING USED TO PROTECT A TREE, LANDSCAPE, OR FOR VEHICULAR CONTROL.

11 Concrete Curb and Gutter

SECTION SCALE: NOT TO SCALE



12 GDOT Concrete Valley Gutter with Curb Drive Entrance (A-02)

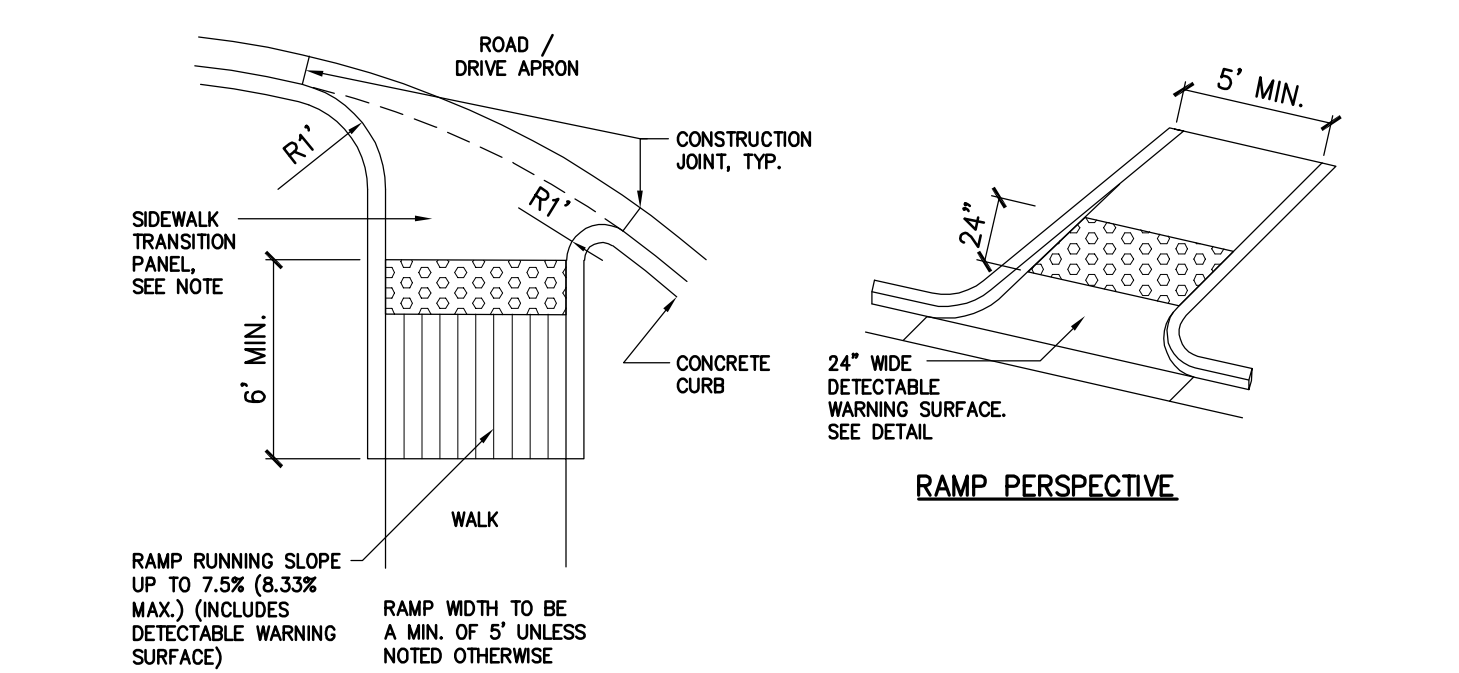
PLAN AND SECTION SCALE: NOT TO SCALE

GENERAL NOTES

- DIRECTIONAL RAMPS WITH RETURNED CURBS AS SHOWN MAY BE USED WHEN A PLANTING STRIP (NON-WALK SURFACE) IS PROVIDED. DO NOT USE THIS DETAIL IF THERE IS HARDSCAPE (WALKABLE SURFACE) INSTEAD OF A PLANTING STRIP. IF A WALKABLE SURFACE IS ADJACENT TO RAMP, CONSTRUCT CONCRETE FLARES WITH SLOPES UP TO 10% MAX, INSTEAD OF RETURNED CURBS.
- ALL CONCRETE SHALL BE AT LEAST 3,600 PSI.
- ENSURE FLUSH CONDITIONS AT RAMP TO GUTTER TRANSITION.
- SIDEWALK TRANSITION PANEL: PREFERRED DESIGN IS 1.5% (2.0% MAX.) IN ALL DIRECTIONS IN FRONT OF GRADE BREAK & DRAIN TO FLOW LINE. RUNNING SLOPE OF THIS AREA MUST NOT EXCEED 2% CROSS SLOPE MAY MATCH STREET GRADE AT BACK OF CURB WHEN STREET GRADE >2% TRANSITION TO 1.5% (2.0% MAX.) CROSS SLOPE AT TOE OF RAMP.

13 Flush Curb End

SECTION AND ELEVATION SCALE: NOT TO SCALE

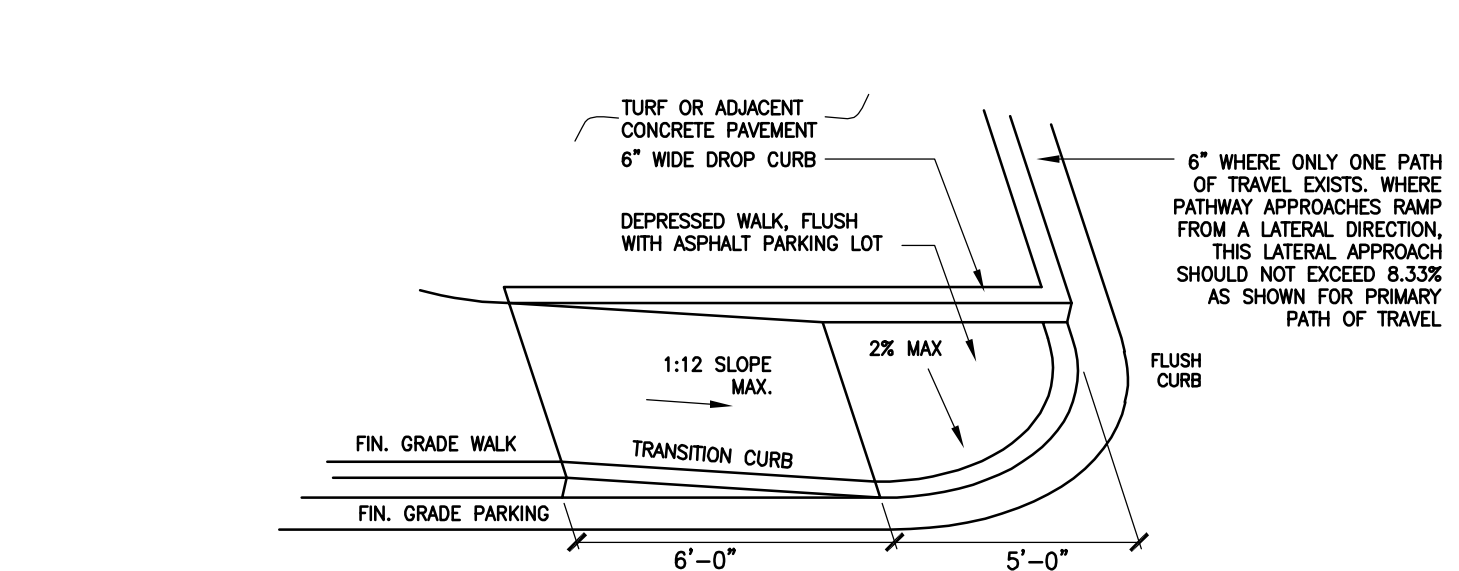


GENERAL NOTES

- DIRECTIONAL RAMPS WITH RETURNED CURBS AS SHOWN MAY BE USED WHEN A PLANTING STRIP (NON-WALK SURFACE) IS PROVIDED. DO NOT USE THIS DETAIL IF THERE IS HARDSCAPE (WALKABLE SURFACE) INSTEAD OF A PLANTING STRIP. IF A WALKABLE SURFACE IS ADJACENT TO RAMP, CONSTRUCT CONCRETE FLARES WITH SLOPES UP TO 10% MAX, INSTEAD OF RETURNED CURBS.
- ALL CONCRETE SHALL BE AT LEAST 3,600 PSI.
- ENSURE FLUSH CONDITIONS AT RAMP TO GUTTER TRANSITION.
- SIDEWALK TRANSITION PANEL: PREFERRED DESIGN IS 1.5% (2.0% MAX.) IN ALL DIRECTIONS IN FRONT OF GRADE BREAK & DRAIN TO FLOW LINE. RUNNING SLOPE OF THIS AREA MUST NOT EXCEED 2% CROSS SLOPE MAY MATCH STREET GRADE AT BACK OF CURB WHEN STREET GRADE >2% TRANSITION TO 1.5% (2.0% MAX.) CROSS SLOPE AT TOE OF RAMP.

14 Concrete Curb Ramp - Type I

SECTION SCALE: NOT TO SCALE

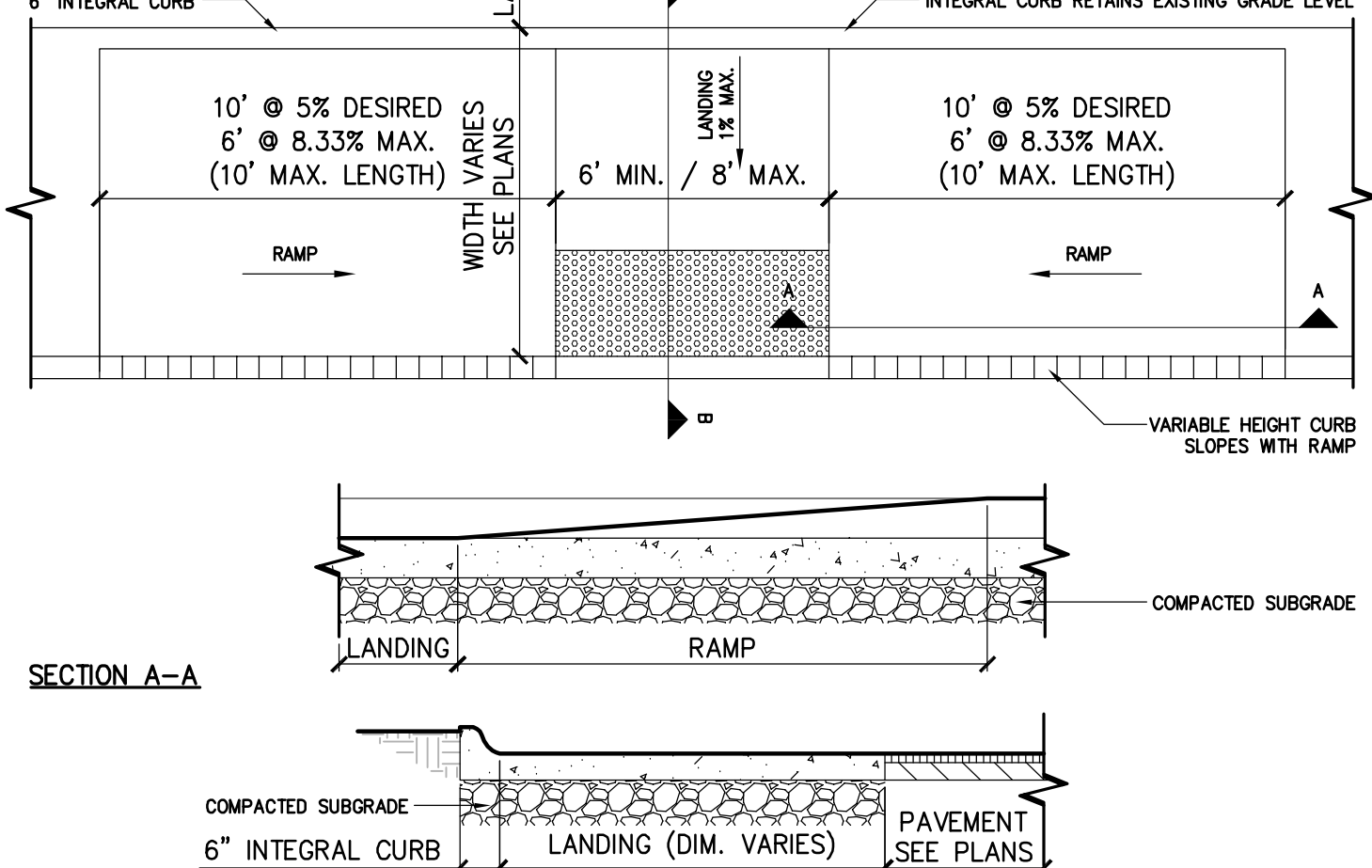


GENERAL NOTES

- TRANSITION AND FLUSH SECTIONS SHALL BE CUT STRAIGHT OR TO THE PROPER RADIUS AS DESIGNATED ON LAYOUT PLANS.
- FLUSH CURB LENGTH AS NOTED ON LAYOUT PLANS. FLUSH CURB SECTIONS ARE TO MEET LEVEL WITH ASPHALT PAVEMENT SURFACES WITH NO REVEAL.
- LENGTH OF RAMP SHALL BE AS REQUIRED TO MAINTAIN A 1:12 SLOPE. FOR A TYPICAL 6\"/>

15 Concrete Curb Ramp - Type II

SECTION SCALE: NOT TO SCALE



16 Concrete Curb Ramp - Type III

SECTION SCALE: NOT TO SCALE

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

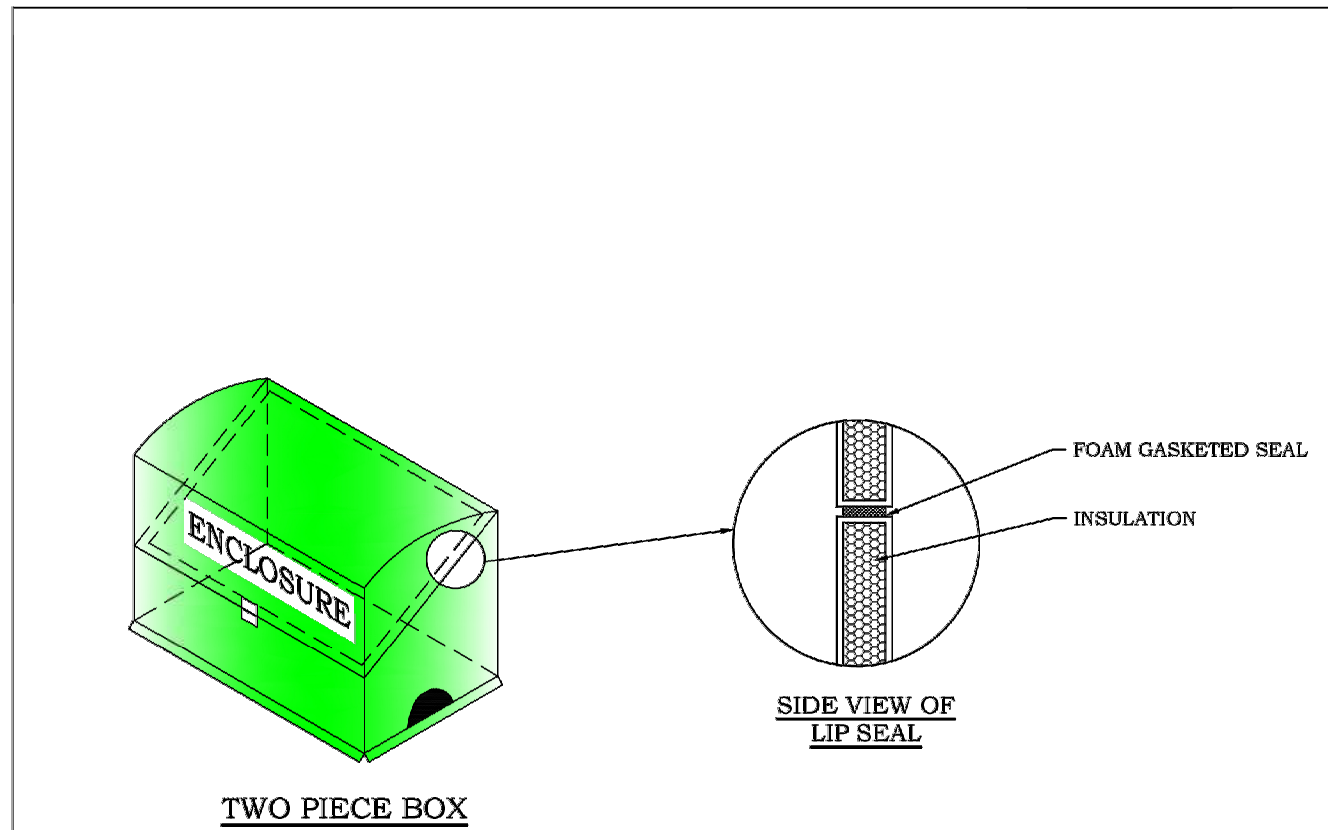
No.	Submittal / Revision	Appr	By	Date

DETAILS AND SECTIONS

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: AS SHOWN

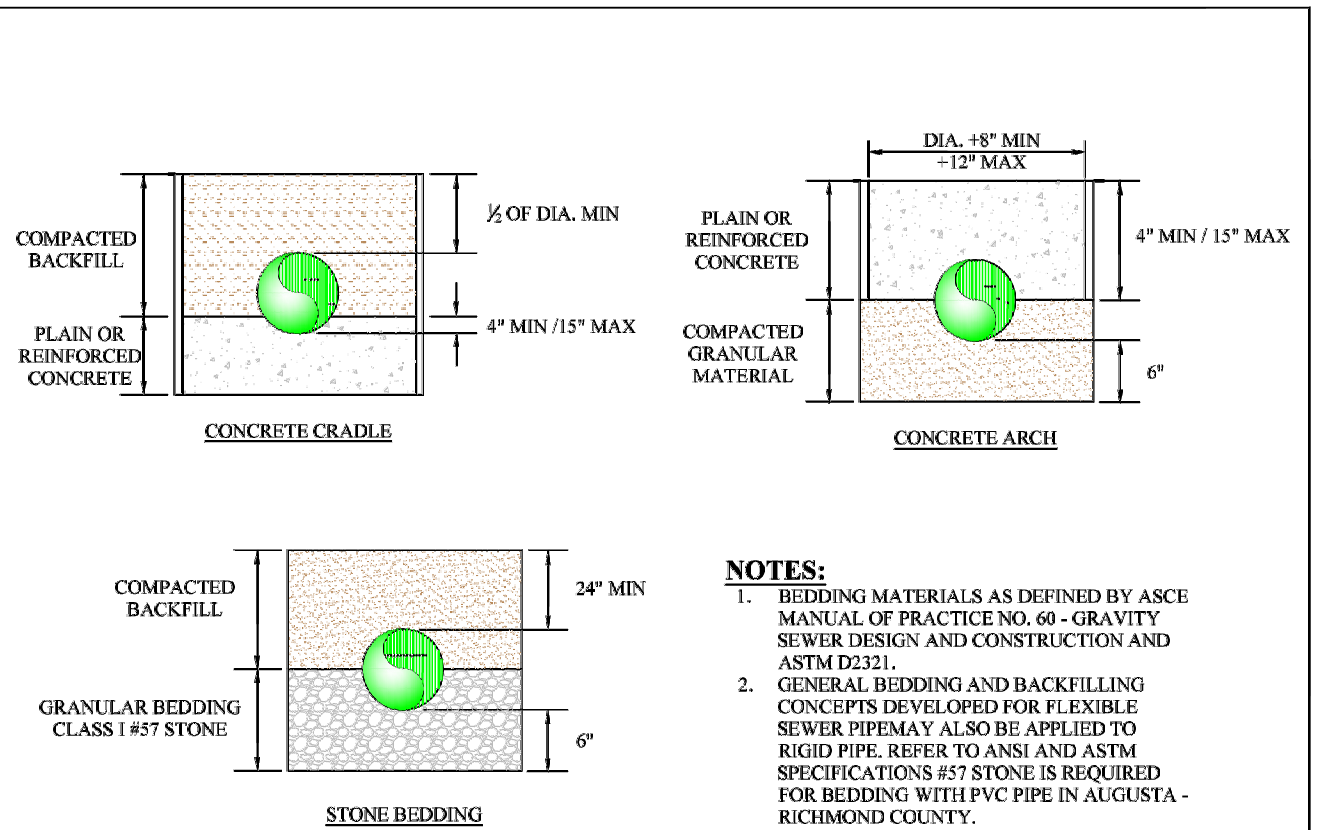
Drawing No.:
C-602
Sheet 40 of 58





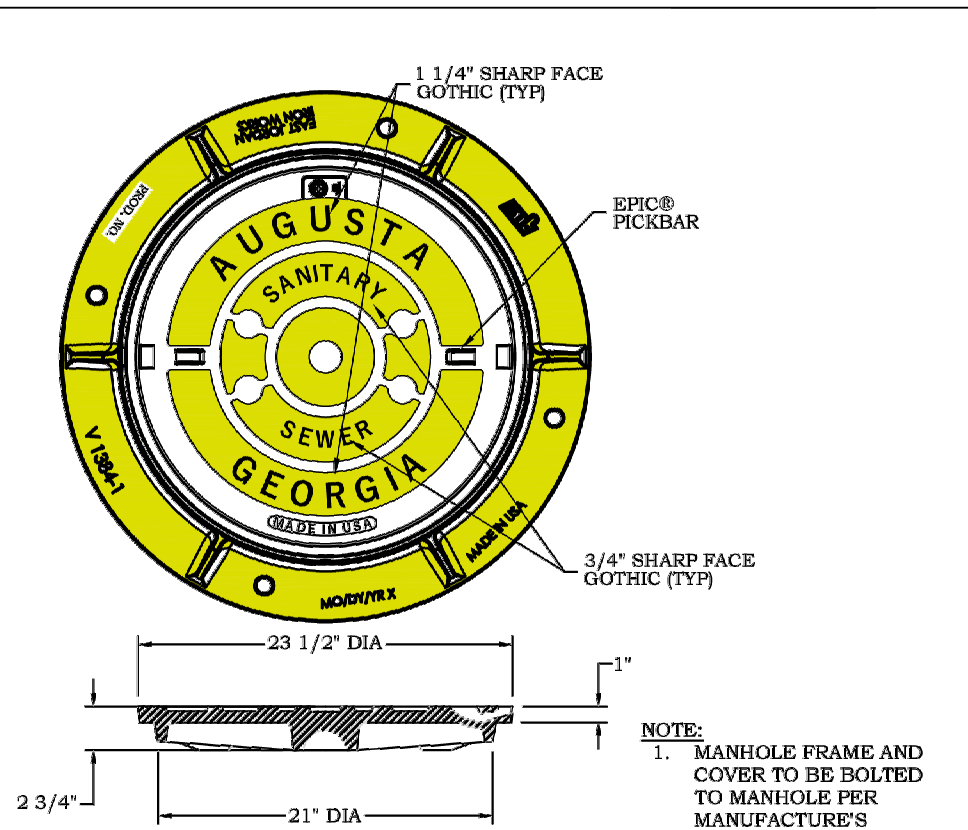
NOTES: 1. BOX SHALL MEET ASSE 1060 STANDARD ENCLOSURE OR EQUAL. 2. BOX SHALL BE SIZED TO RPZ OR DOUBLE CHECK VALVE ASSEMBLIES 2" AND ABOVE. 3. BOX SHOULD BE INSULATED TO PROTECT FROM FREEZING. 4. ELECTRICAL OUTLET AND HEATER OPTIONAL. 5. BOX CAN BE ANY COLOR, BUT MUST BE INSULATED. 6. BOXES MUST BE ORDERED WITH A RECEIVE DATE AND PROVIDED TO AUD INSPECTOR BEFORE RELEASE OF WATER METER.		
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
RPZ OR DOUBLE CHECK ABOVE GROUND ENCLOSURE ASSEMBLY PROPERTIES AUD DETAIL 1.23	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

1 RPZ or Double Check Above Ground Enclosure Assembly Properties
PERSPECTIVE SCALE: NOT TO SCALE



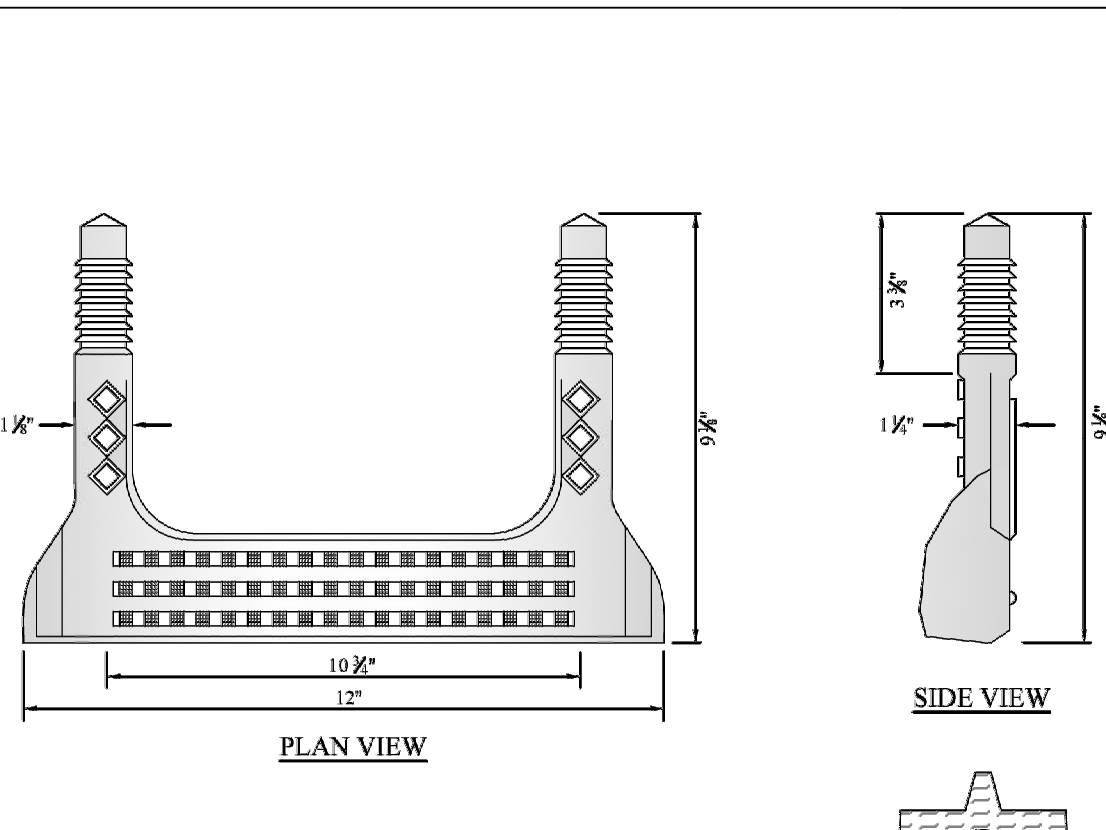
NOTES: 1. BEDDING MATERIALS AS DEFINED BY ASCE MANUAL OF PRACTICE NO. 60 - GRAVITY SEWER DESIGN AND CONSTRUCTION AND ASTM D2321. 2. GENERAL BEDDING AND BACKFILLING CONCEPTS DEVELOPED FOR FLEXIBLE SEWER PIPES MAY ALSO BE APPLIED TO RIGID PIPE. REFER TO ANSI AND ASTM SPECIFICATIONS #57 STONE IS REQUIRED FOR BEDDING WITH PVC PIPE IN AUGUSTA - RICHMOND COUNTY.		
CLASS 2 TRENCH BACKFILLED WITH COURSE SAND AND GRAVELS WITH MAX PARTICLE SIZE OF 1 1/2", INCLUDING VARIOUSLY GRADED SANDS AND GRAVELS CONTINUING SMALL PERCENTAGES OF FINES. SOIL TYPES GW, GP, SW, AND SP ARE INCLUDED. CLASS 3 TRENCH BACKFILLED WITH FINE SAND AND CLAYEY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES, AND GRAVEL-CLAY MIXTURES. SOIL TYPES GM, GC, SM, AND SC ARE INCLUDED. CLASS 4 MATERIAL ONLY USED WITH APPROVAL OF AUGUSTA UTILITIES DEPARTMENT.		
BEDDING CLASSES FOR FLEXIBLE PIPE		
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
BACKFILL CLASSES FOR SEWER PIPE INSTALLATION AUD DETAIL 2.2	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

3 Backfill Classes for Sewer Pipe Installation
SECTION SCALE: NOT TO SCALE



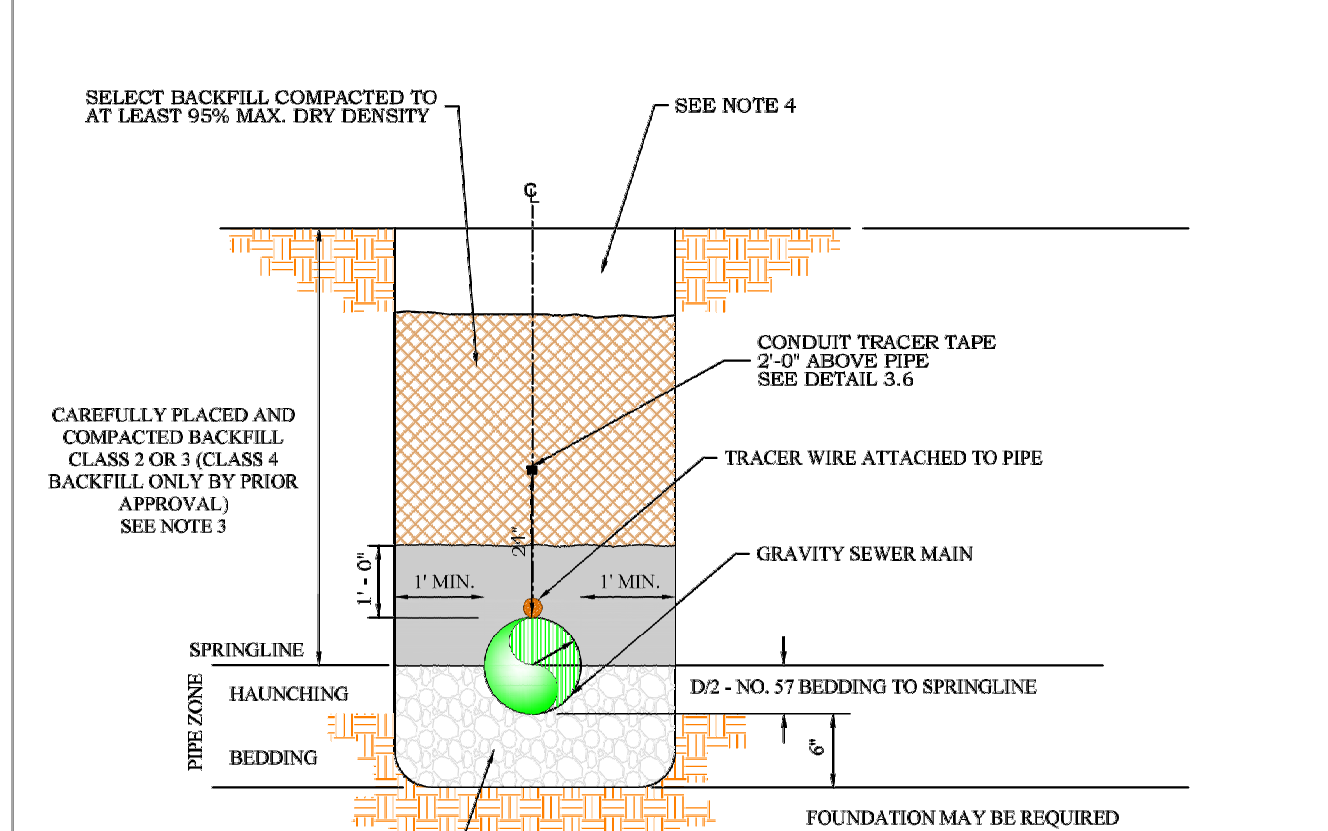
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
MANHOLE FRAME AND COVER AUD DETAIL 2.7	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

5 Manhole Frame and Cover
PLAN AND SECTION SCALE: NOT TO SCALE



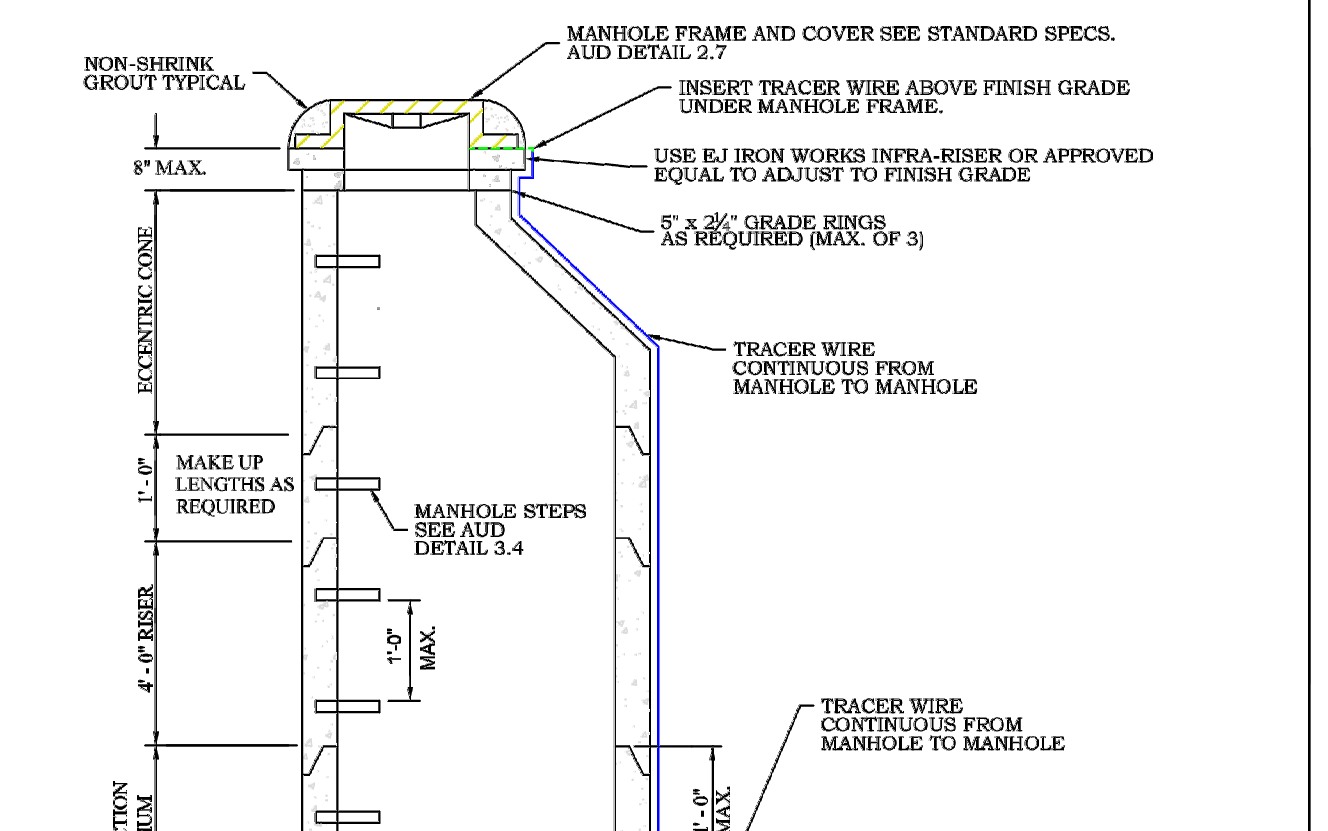
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
MANHOLE STEP AUD DETAIL 3.4	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

7 Manhole Step
PLAN AND PROFILE SCALE: NOT TO SCALE



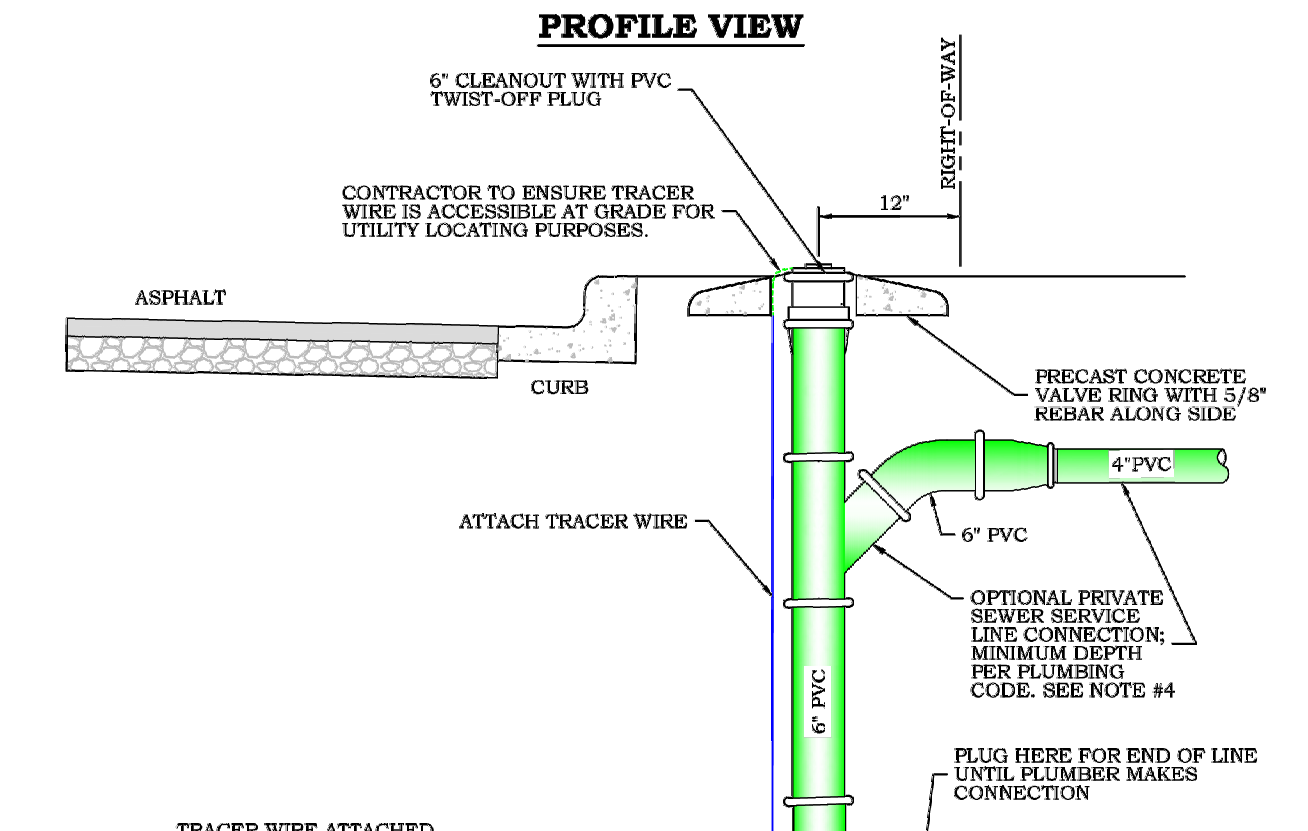
NOTES: 1. TRENCH EXCAVATION, BACKFILL AND COMPACTION SHALL BE IN STRICT CONFORMANCE WITH THE SECTION TITLED 'BACKFILLING AROUND PIPE' FOR WASTEWATER COLLECTION SYSTEMS ACCORDING TO AUGUSTA UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS. 2. BOTTOM OF TRENCH SHALL BE FREE OF WATER PRIOR TO PLACING BEDDING. 3. COMPACT SELECT BACKFILL IN LIFTS NOT TO EXCEED 6 INCHES. 4. PROVIDE 4 INCHES OF TOP SOIL WHERE VEGETATION IS REQUIRED. REFER TO AED PAVING DETAIL AS APPLICABLE. 5. GRAVEL AND PAVED DRIVEWAYS TO BE RESTORED IN KIND. 6. CONTRACTOR IS SOLELY RESPONSIBLE FOR TRENCH SAFETY INCLUDING SHEETING AND SHORING WHERE REQUIRED. 7. TRENCH BOTTOM SHALL NOT BE LESS THAN 12 INCHES OR MORE THAN 18 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE ON BOTH SIDES. 8. 12 GAUGE COPPER LOCATING WIRE SHALL BE 1/2 GAUGE SINGLE STRAND COATED. WIRE SHALL BE ATTACHED ON TOP OF SANITARY SEWER PIPE AND MAN VERTICALLY ALONG MANHOLES. ATTACH LOCATING WIRE ABOVE FINISH GRADE OF ALL MANHOLES USING CLIP AND SCREW WITH WIRE CONTINUOUS FROM MANHOLE TO MANHOLE. 9. ALL NEW PIPE TO BE PVC SDR-26 OR DIP (EPOXY COATED) UNLESS OTHERWISE APPROVED BY AUD.		
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
TYPICAL TRENCH - SANITARY SEWER AUD DETAIL 2.1	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

2 Typical Trench - Sanitary Sewer
SECTION SCALE: NOT TO SCALE



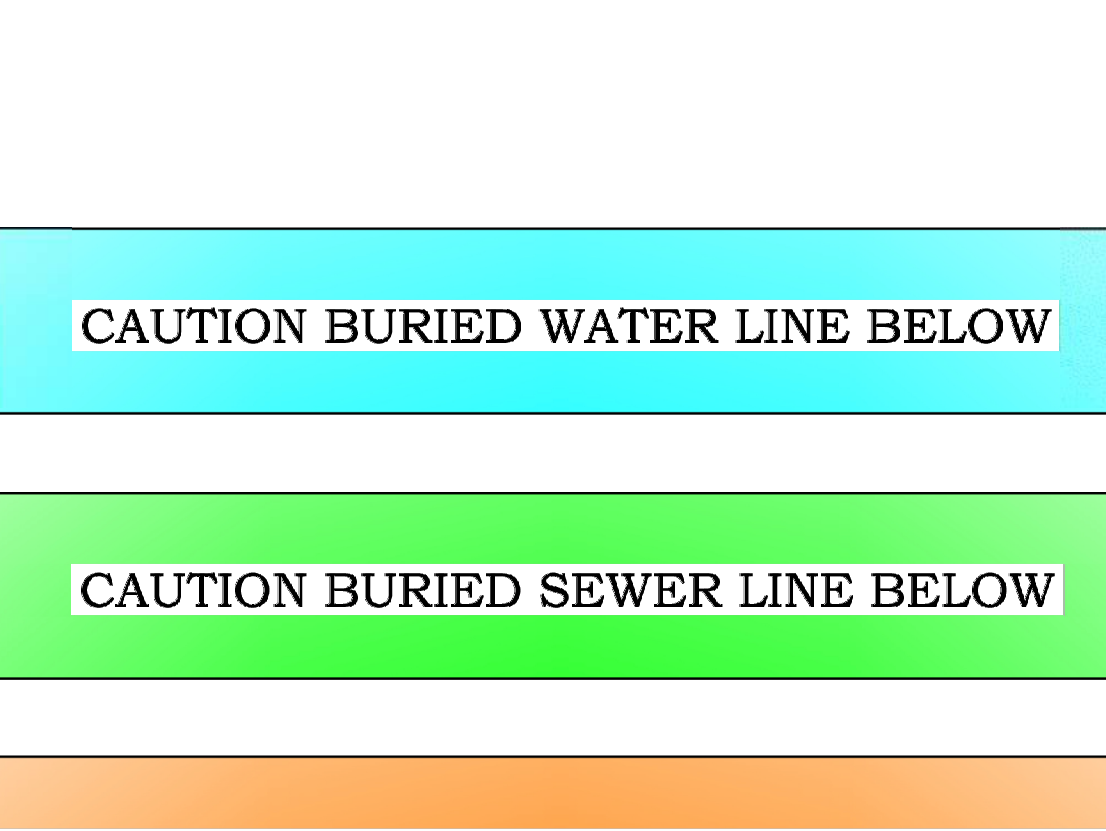
NOTES: 1. IF MANHOLE DEPTH EXCEEDS 20 VERTICAL FEET WALL THICKNESS SHALL BE 6 INCHES. 2. CURVATURE OF INVERT TO HAVE LARGEST POSSIBLE RADIUS. 3. MANHOLE STEPS SHALL BE PLACED 1'-0" O.C. MAXIMUM. (REFERENCE AUD DETAIL 3.4) 4. ALL MANHOLE SECTIONS TO HAVE EXTERIOR JOINTS WRAPPED. 5. WHEN MANHOLE IS OUTSIDE OR RIGHT-OF-WAY (ROW) INTEGRATED RING AND COVER SHALL BE REQUIRED, AND A MINIMUM 2" ABOVE GRADE. (REFERENCE AUD DETAIL 2.7) 6. DOGHOUSE - BREAKOUT PRECAST OPENING TO FIT OVER PIPE. 7. NO MORE THAN 6" ADJUSTMENT BY RISERS ON RING AND COVER. 8. FOR NEW FORCE MAIN LINES, RECEIVING AND DOWNSTREAM MANHOLES TO BE LINED WITH AN INTERIOR PROTECTIVE COATING, PERMA-GLAZE SERIES 485 OR APPROVED EQUAL. COATING TO BE A MINIMUM THICKNESS OF 0.05". 9. STEPS SHALL NOT BE PLACED OVER INVERTS IN OR OUT OF ANY PIPE. 10. ALL MANHOLE SECTIONS TO HAVE EXTERIOR JOINTS WRAPPED. 11. TRACER WIRE SHALL BE 12 AWG SINGLE STRAND (SOLID) COPPER LOCATING WIRE. 12. ALL NEW PIPE TO BE PVC SDR-26 OR DIP (EPOXY COATED) UNLESS OTHERWISE APPROVED BY AUD.		
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
PRECAST MANHOLE AUD DETAIL 2.3	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

4 Precast Manhole
SECTION SCALE: NOT TO SCALE



NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
SANITARY SEWER CLEANOUT AUD DETAIL 2.8	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

6 Sanitary Sewer Cleanout
SECTION SCALE: NOT TO SCALE



NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
DETECTOR TAPE AUD DETAIL 3.6	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES

8 Detector Tape
DIAGRAM SCALE: NOT TO SCALE

MAY PARK - PARK IMPROVEMENTS

CONSTRUCTION DOCUMENTS

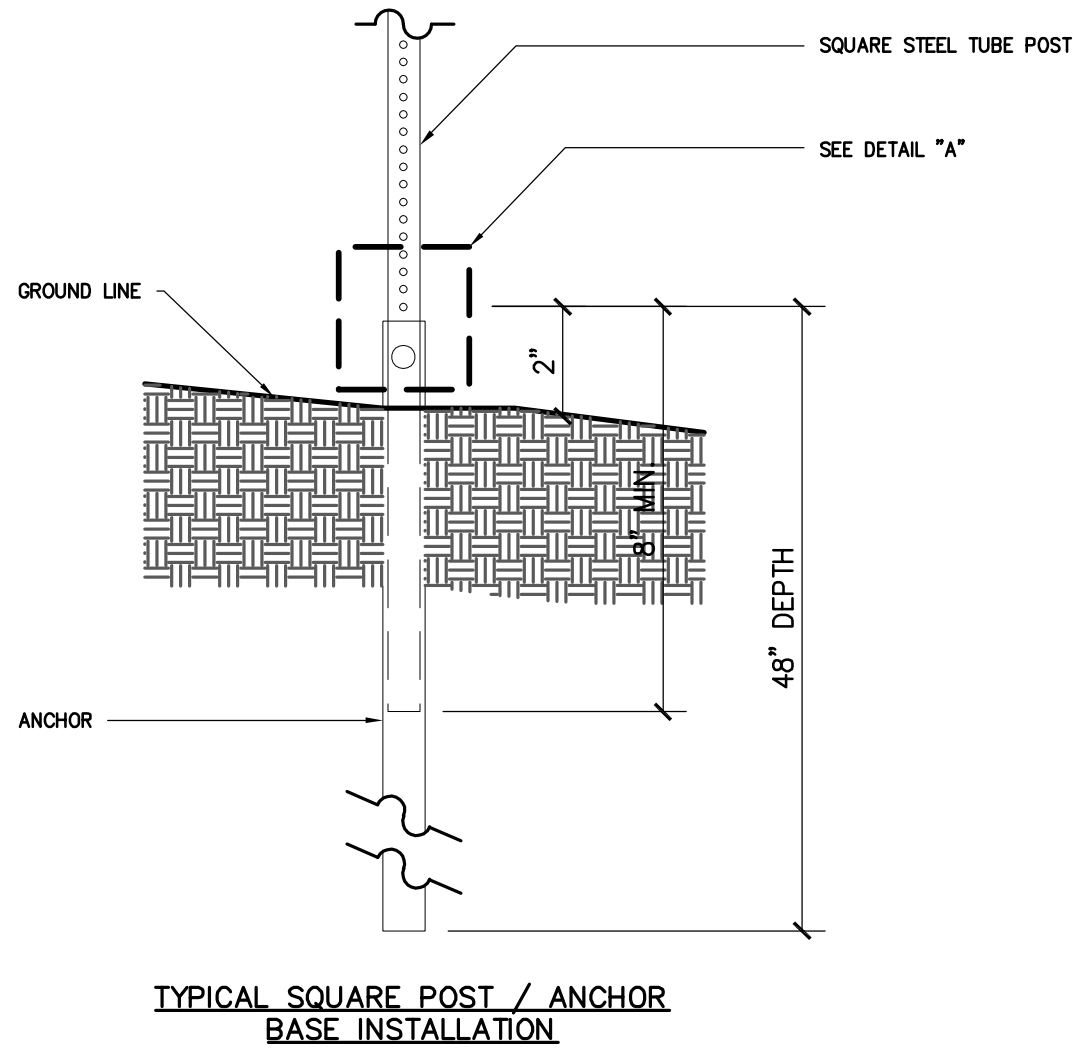
622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

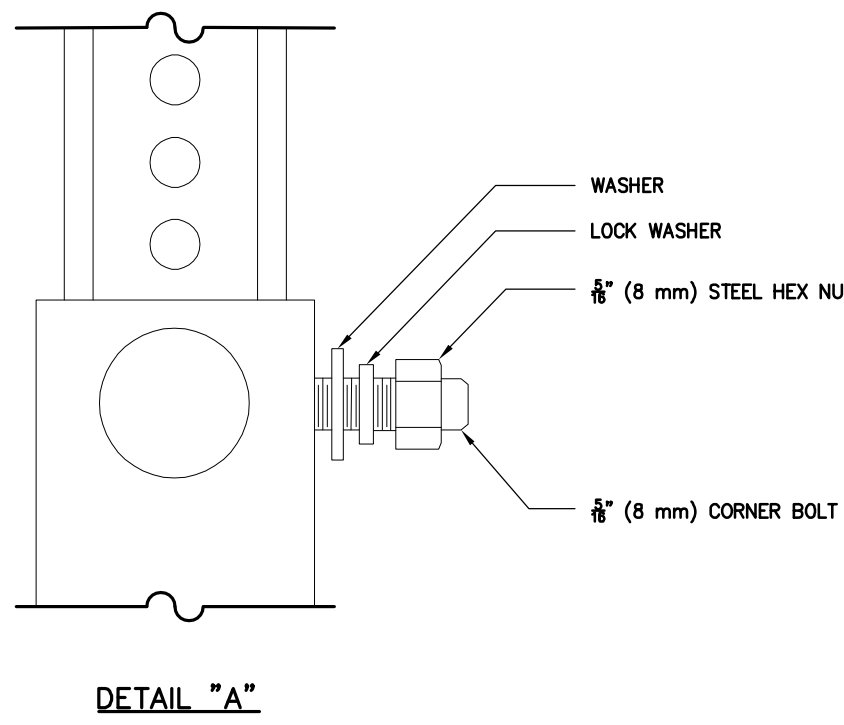
DETAILS AND SECTIONS

Designed By: SDW	Drawn By: SDW	Checked By: PG
Issue Date: 01/30/26	Project No.: 093488.000	Scale: AS SHOWN

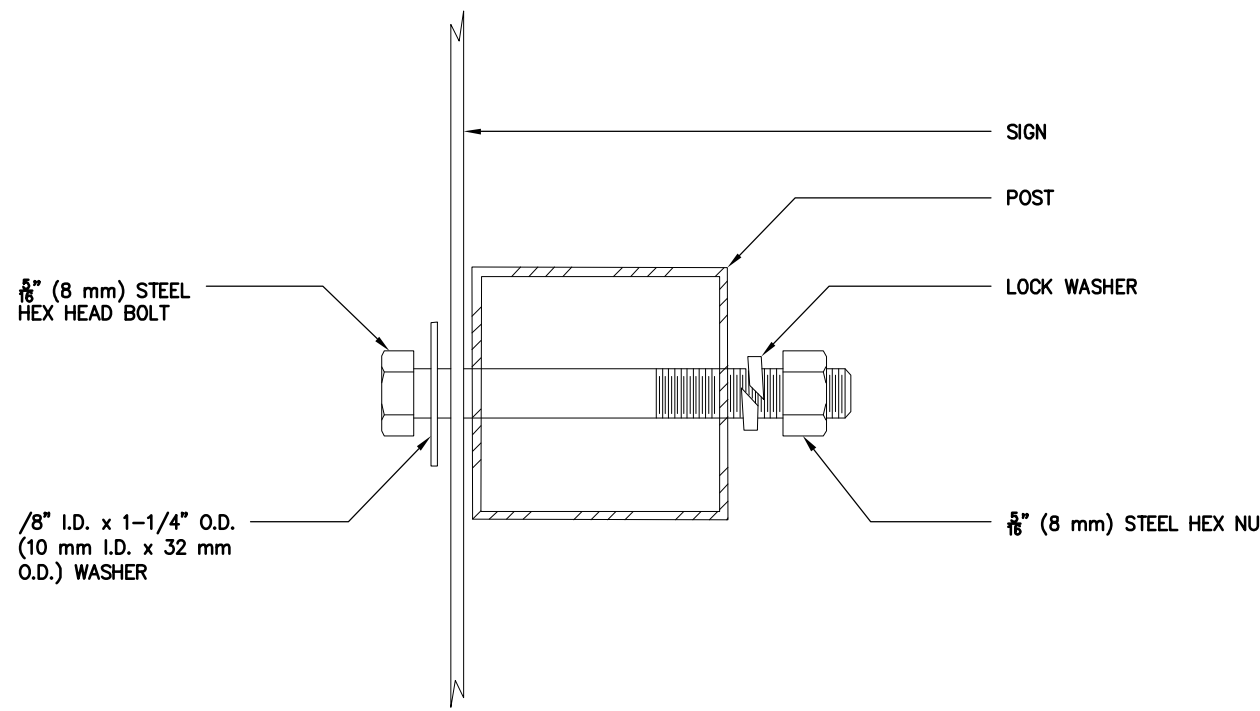
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TYPICAL SQUARE POST / ANCHOR
BASE INSTALLATION



DETAIL "A"

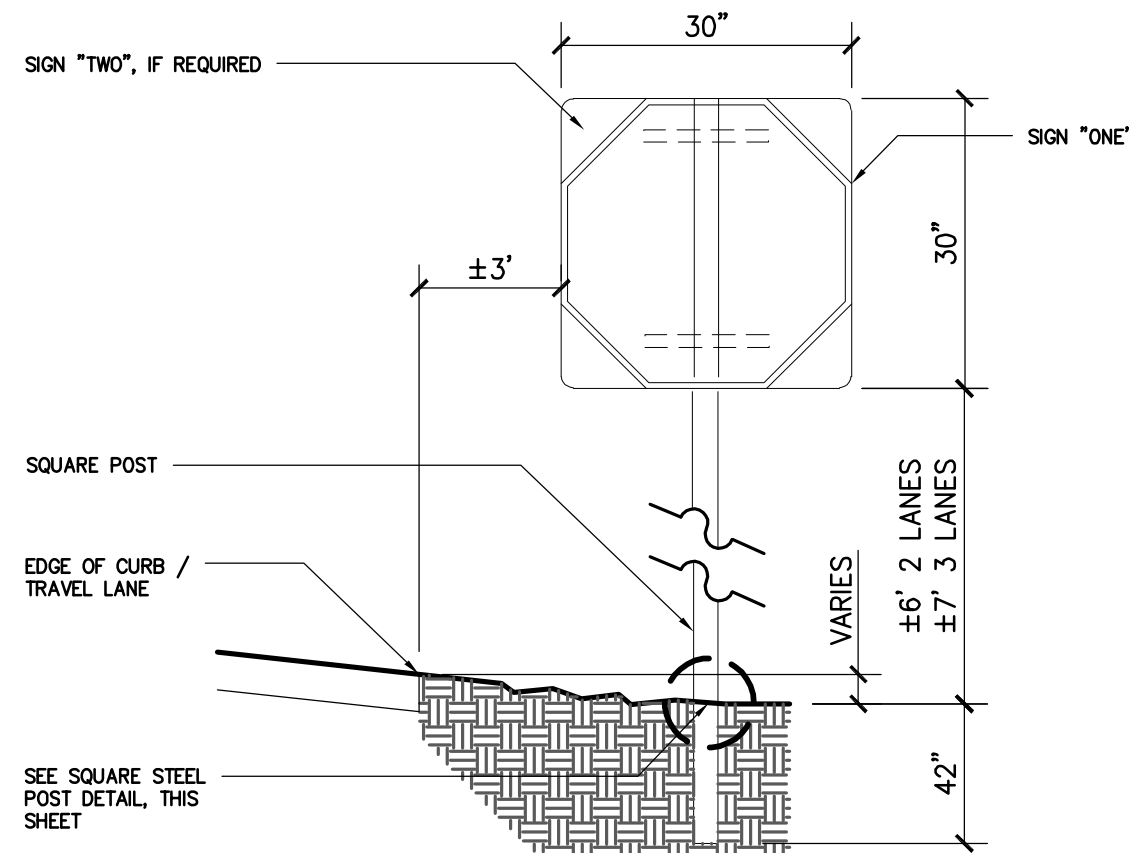


SQUARE SIGN POST ATTACHMENT DETAIL

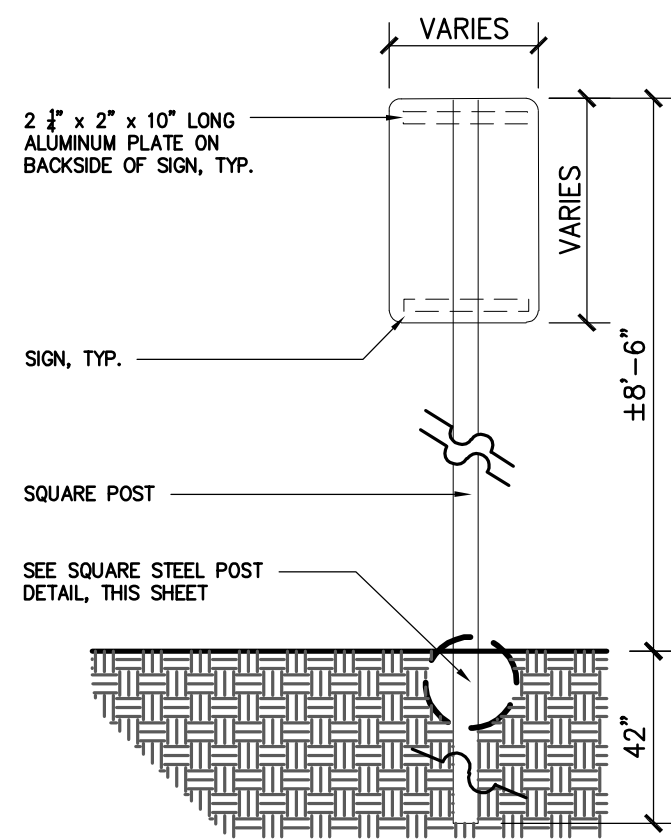
GENERAL NOTES

1. SQUARE STEEL TUBE, 2" x 2" x 0.083, ACCORDING TO ASTM A53 OR ASTM A501. ANCHOR BASE 2.25" x 2.25" x 0.105.
2. ALL STAINLESS STEEL HARDWARE, ACCORDING TO ASTM A320 / A320M 300 SERIES. FURNISH BOLTS, SCREWS, NUTS, WASHERS, HANDHOLE COVER CHAINS, AND U-BOLTS THAT ARE PASSIVATED COMMERCIAL GRADE.
3. ALL SIGNS, POSTS, CONNECTORS, AND INSTALLATIONS SHALL BE COMPLIANT WITH CURRENT M.U.T.C.D. (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES), D.O.T. (STATE DEPARTMENT OF TRANSPORTATION), AND H.H.W.A. (FEDERAL HIGHWAY ADMINISTRATION) GUIDELINES AND SPECIFICATIONS.
4. ATTACH THE SIGN PANELS TIGHTLY TO THE POST AND USE OVERSIZED WASHERS TO KEEP THE SIGN FROM BREAKING LOOSE.
5. CORE DRILL FOR SIGN POSTS PLACED IN PAVEMENT AND CONCRETE AND GROUT FILL.

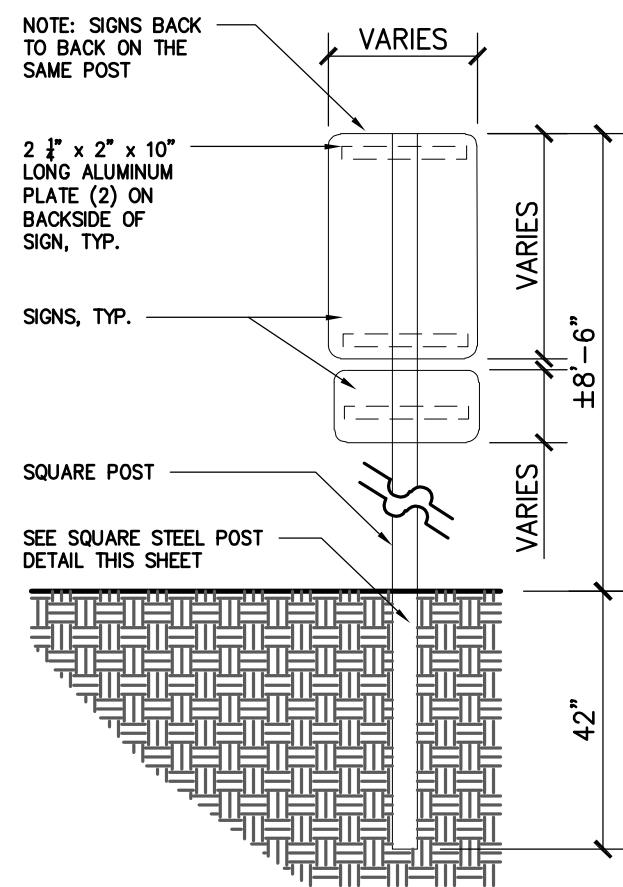
1 Square Steel Tube Post
PLAN, SECTION, AND ELEVATION SCALE: NOT TO SCALE



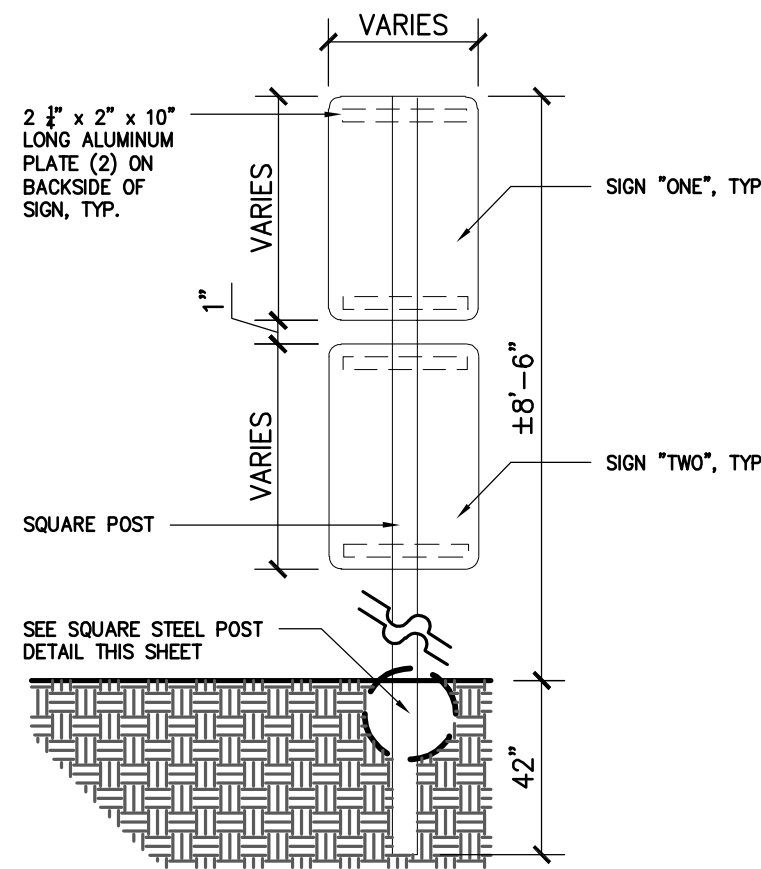
2 Stop Sign
ELEVATION SCALE: NOT TO SCALE



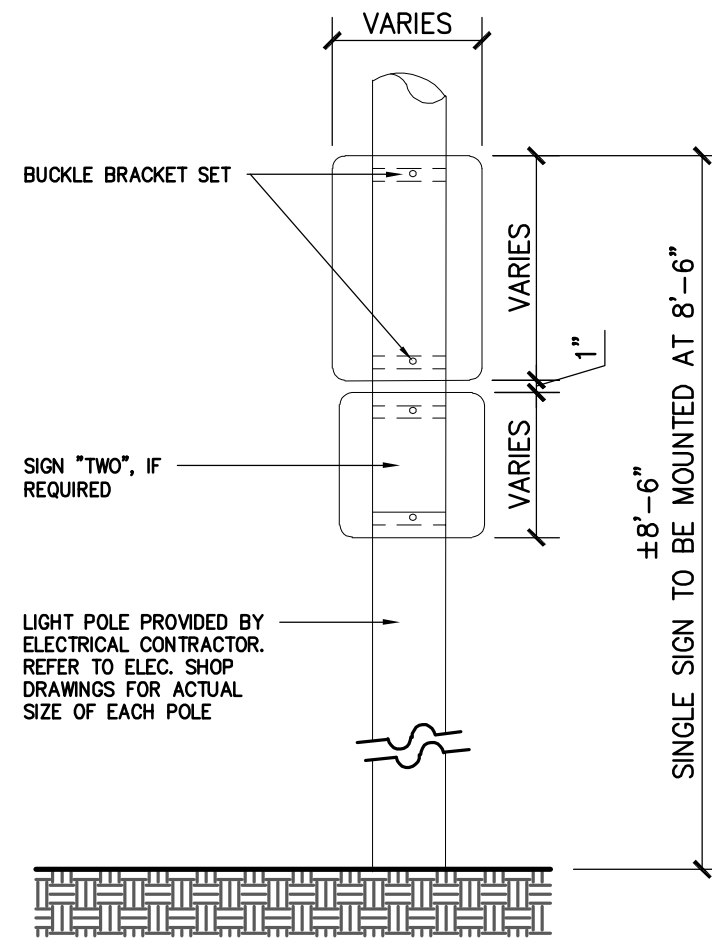
3 Single Mounted Sign Detail
ELEVATION SCALE: NOT TO SCALE



4 Double Mounted Sign Back / Back - Top / Bottom
ELEVATION SCALE: NOT TO SCALE



5 Sign Mounted Top / Bottom
ELEVATION SCALE: NOT TO SCALE



GENERAL NOTES

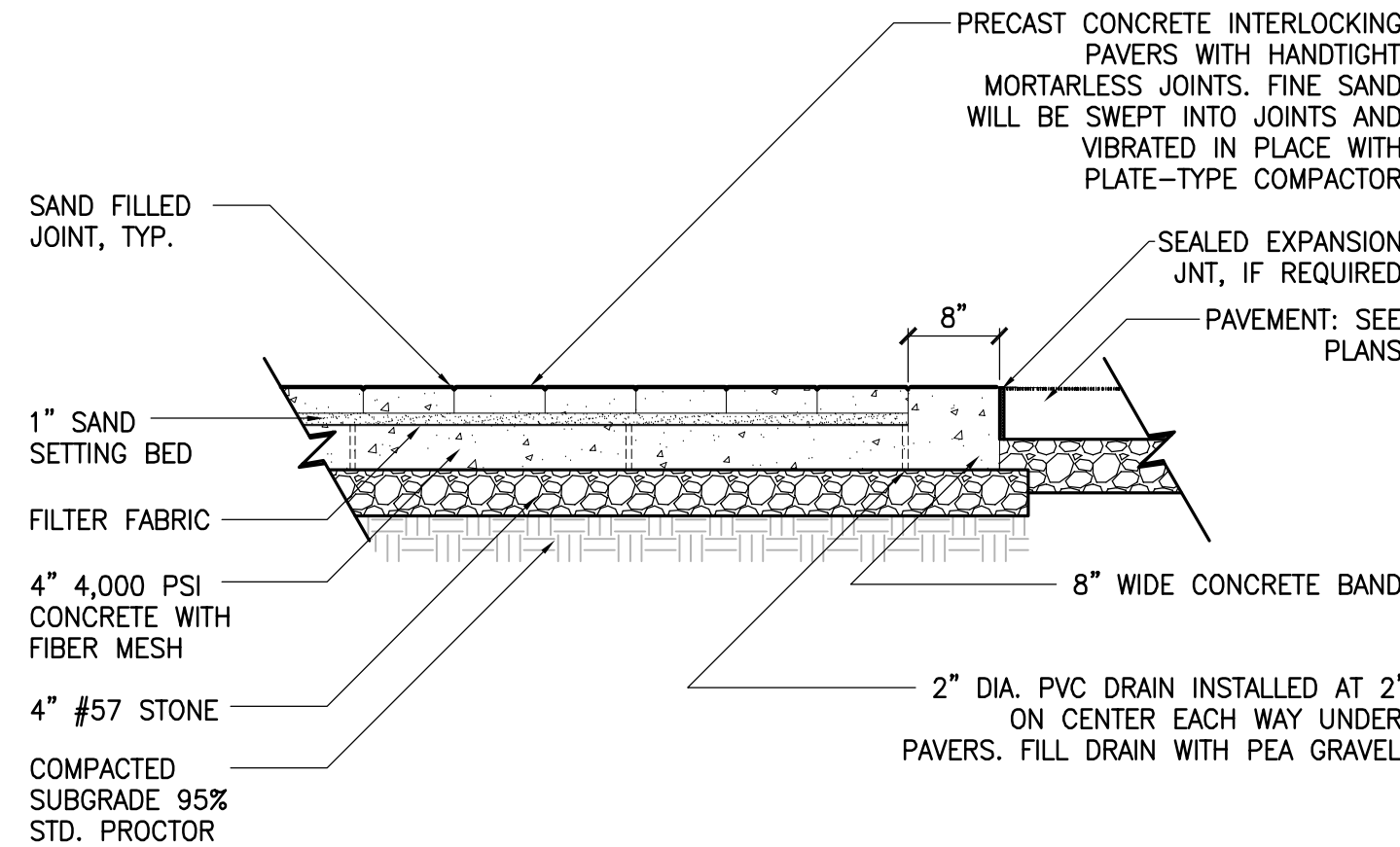
1. FOR "FIRE LANE" SIGNS, ROTATE SIGN 30° FROM ROAD TOWARD ONCOMING TRAFFIC

6 Sign(s) Mounted on Light Pole
ELEVATION SCALE: NOT TO SCALE

ALL SIGNS, POSTS, CONNECTORS, AND INSTALLATIONS SHALL BE COMPLIANT WITH CUT M.U.T.C.D. (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES), D.O.T. (STATE DEPARTMENT OF TRANSPORTATION), AND F.H.W.A. (FEDERAL HIGHWAY ADMINISTRATION) GUIDELINES AND SPECIFICATIONS.

ALL FIRE LANE SIGNS AND FIRE DEVICE SIGNS SHALL COMPLY WITH LOCAL FIRE DEPARTMENT REQUIREMENTS.

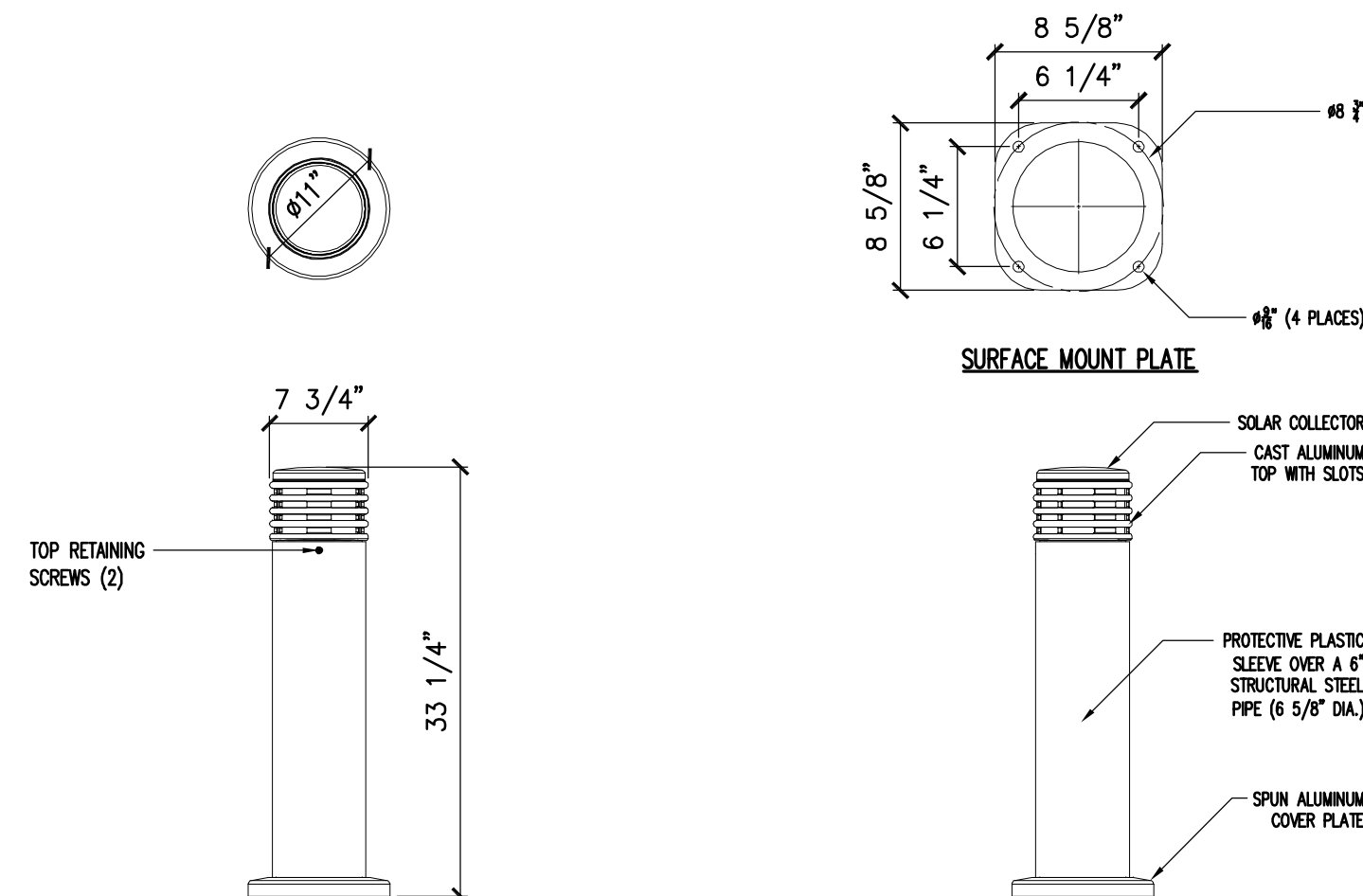
KEY	DESCRIPTION	GRAPHIC - NOT TO SCALE
A	STOP	 24" x 24" OR 30" x 30", SEE PLANS AND DETAIL, THIS SHEET 18 GAUGE, REFLECTIVE ALUMINUM RED BACKGROUND WHITE TEXT WHITE BORDER R1-1
B	VAN ACCESSIBLE	 12" x 6" 18 GAUGE, REFLECTIVE ALUMINUM GREEN TEXT WHITE BORDER, BACKGROUND R7-BP
C	DISABILITY ACCESSIBLE SYMBOL RESERVED PARKING	 18" x 12" 18 GAUGE, REFLECTIVE ALUMINUM GREEN TEXT WHITE SYMBOL, BACKGROUND, BORDER BLUE BACKGROUND R7-B
D	MAXIMUM PENALTY \$250	 6" x 12" 18 GAUGE, REFLECTIVE ALUMINUM GREEN TEXT, BORDER WHITE BACKGROUND
E	STREET NAME	 6" x 12" 18 GAUGE, REFLECTIVE ALUMINUM GREEN BACKGROUND WHITE TEXT *CONFIRM LOCATION, NAME, SIZE, COLORS, DESIGN WITH CITY OF AUGUSTA PRIOR TO BID



GENERAL NOTES

1. ALL SIDEWALK AND HARDSCAPE AREAS TO HAVE POSITIVE DRAINAGE.

8 Concrete Pavers
SECTION SCALE: NOT TO SCALE



GENERAL NOTES

1. INTERNAL COMPONENTS: SOLAR POWERED LED LIGHT ASSEMBLY WITH BATTERY.
2. SET BOLLARD IN CONCRETE FOOTINGS WHEN LOCATED IN LAWN AREAS AND SURFACE MOUNT WHEN LOCATED IN PAVEMENT AREAS, SEE PLANS.

9 Solar Powered Bollard
PLAN AND ELEVATION SCALE: NOT TO SCALE

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE
ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER OR REPAIR ANY PUBLIC WORK OR THE
SHAPE OF A LICENSED PROFESSIONAL'S ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
WORKMAN'S ATTACHED BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF EACH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

MAY PARK -
PARK
IMPROVEMENTS

CONSTRUCTION
DOCUMENTS

622 FOURTH STREET
CITY OF AUGUSTA,
RICHMOND COUNTY,
GEORGIA

No.	Submittal / Revision	Appr	By	Date

DETAILS AND
SECTIONS

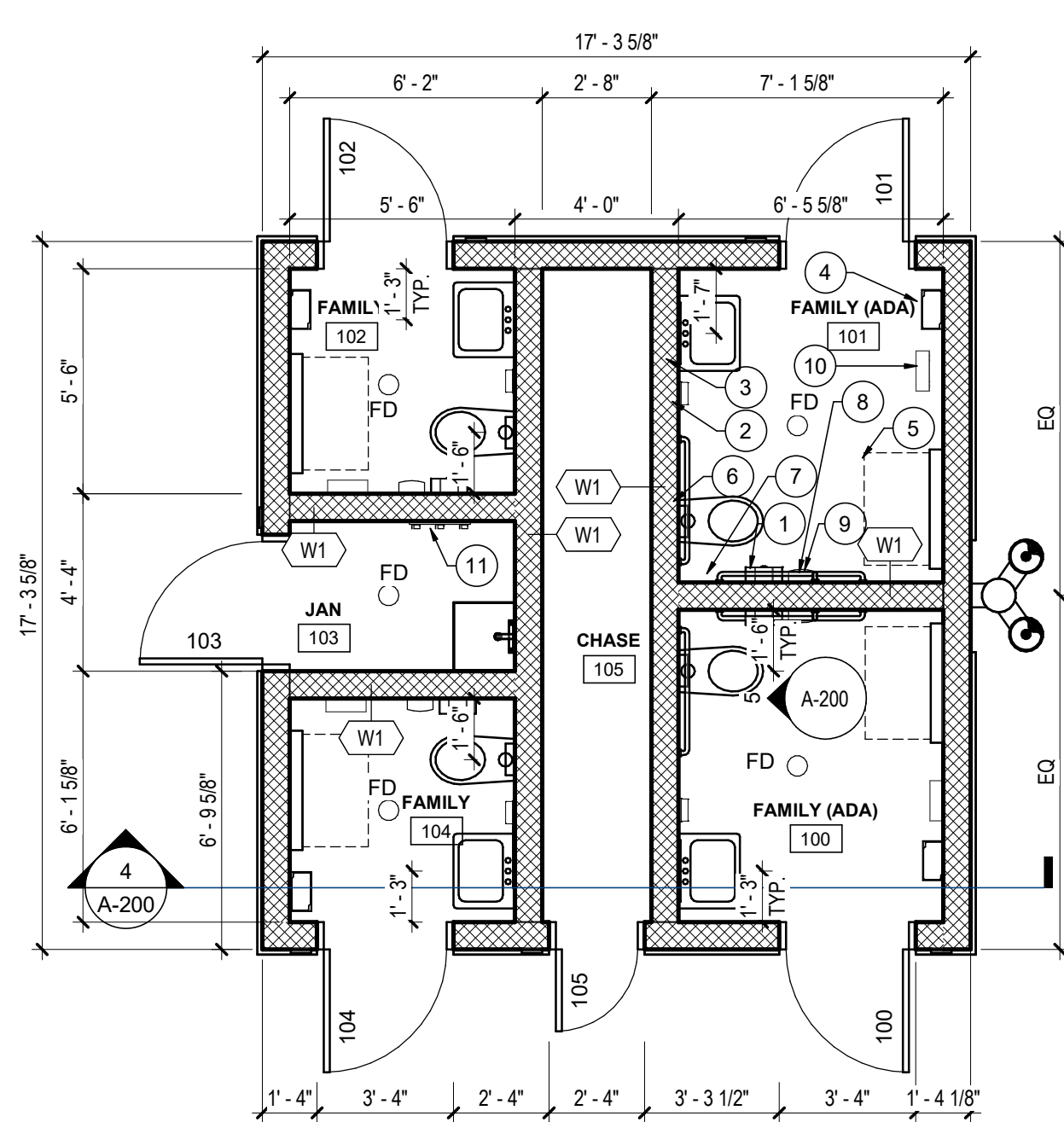
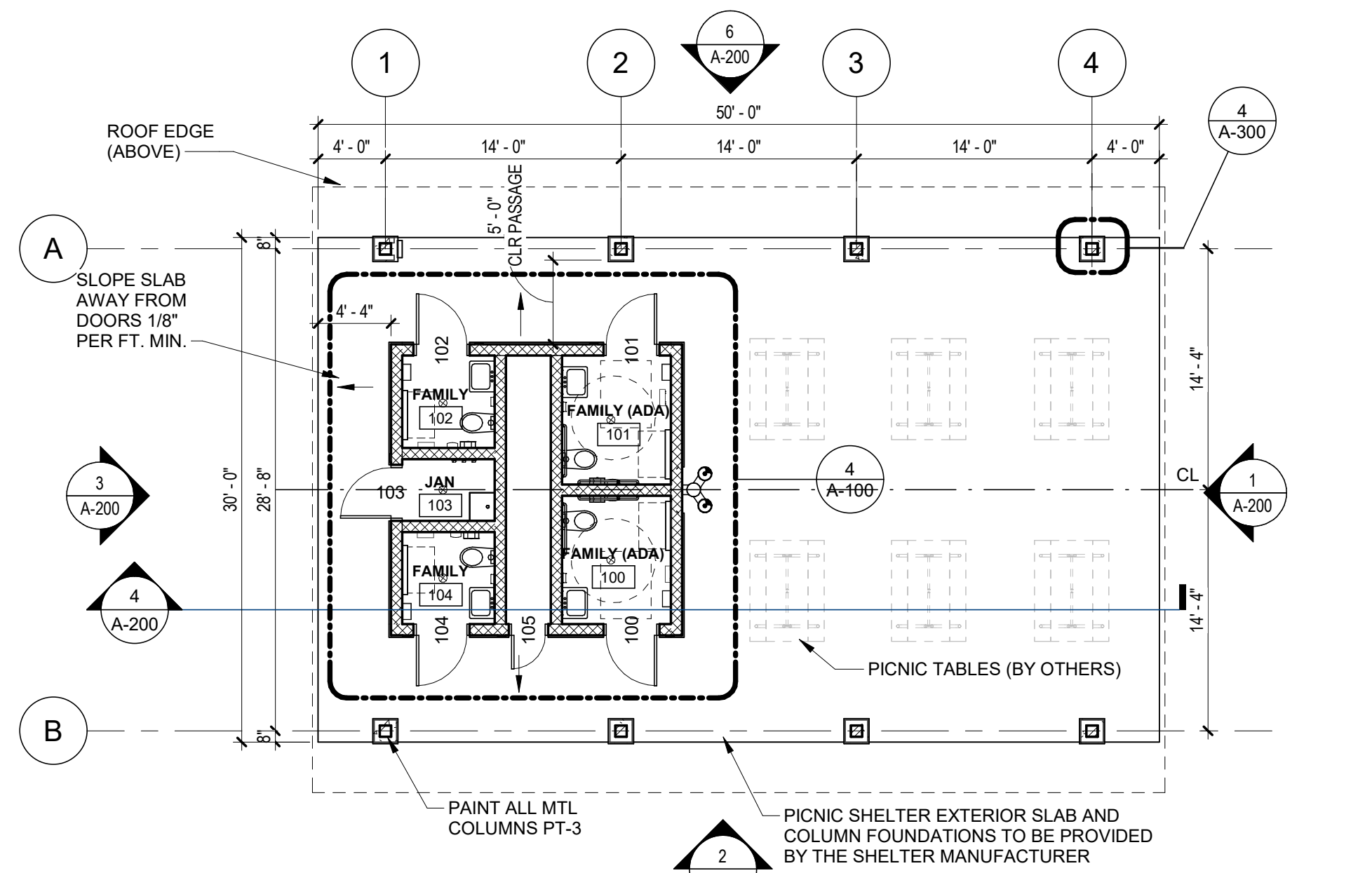
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Issue Date: 01/30/26	Project No.: 093488.000	Scale: AS SHOWN

Drawing No.:

C-608

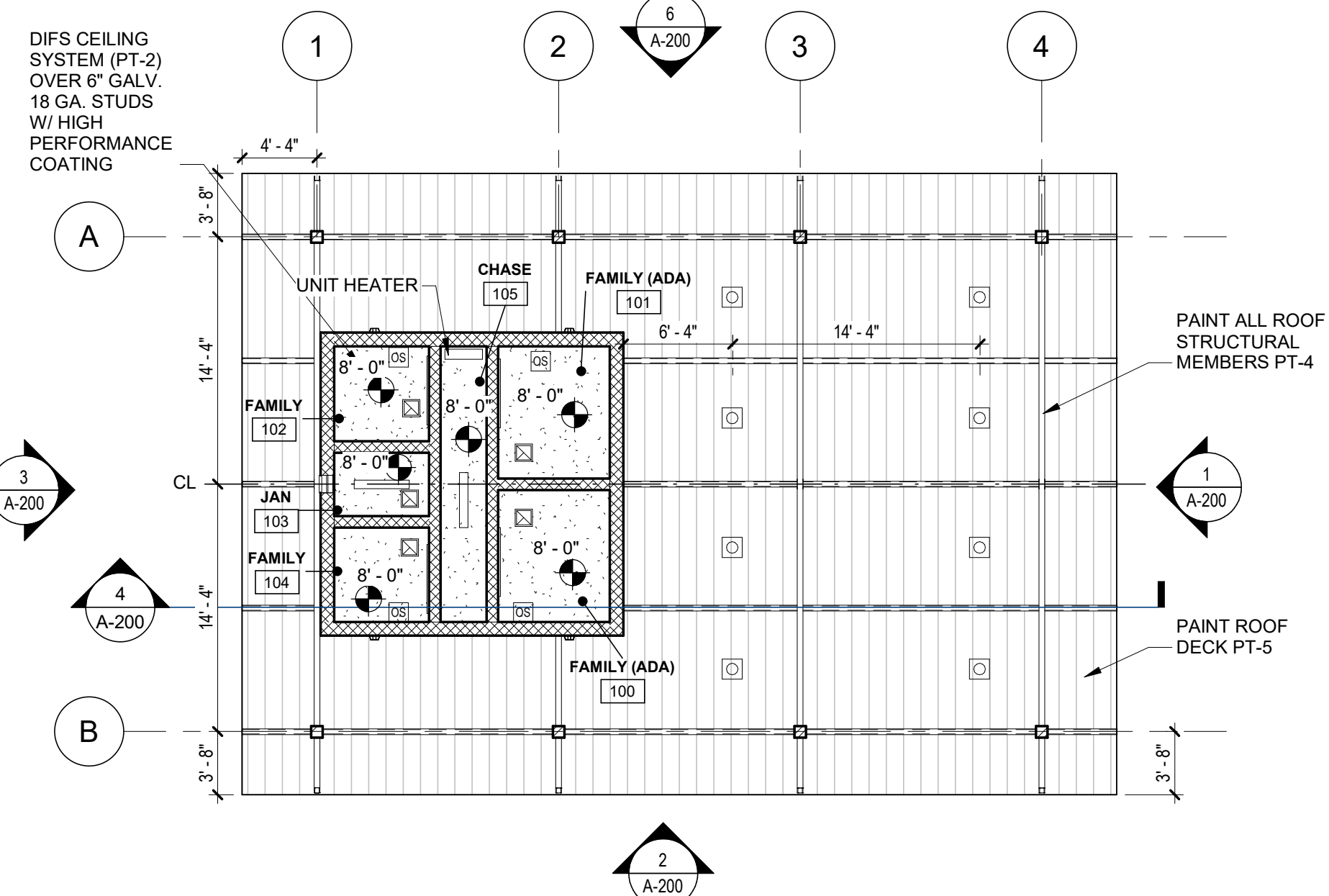
Sheet 46 of 58

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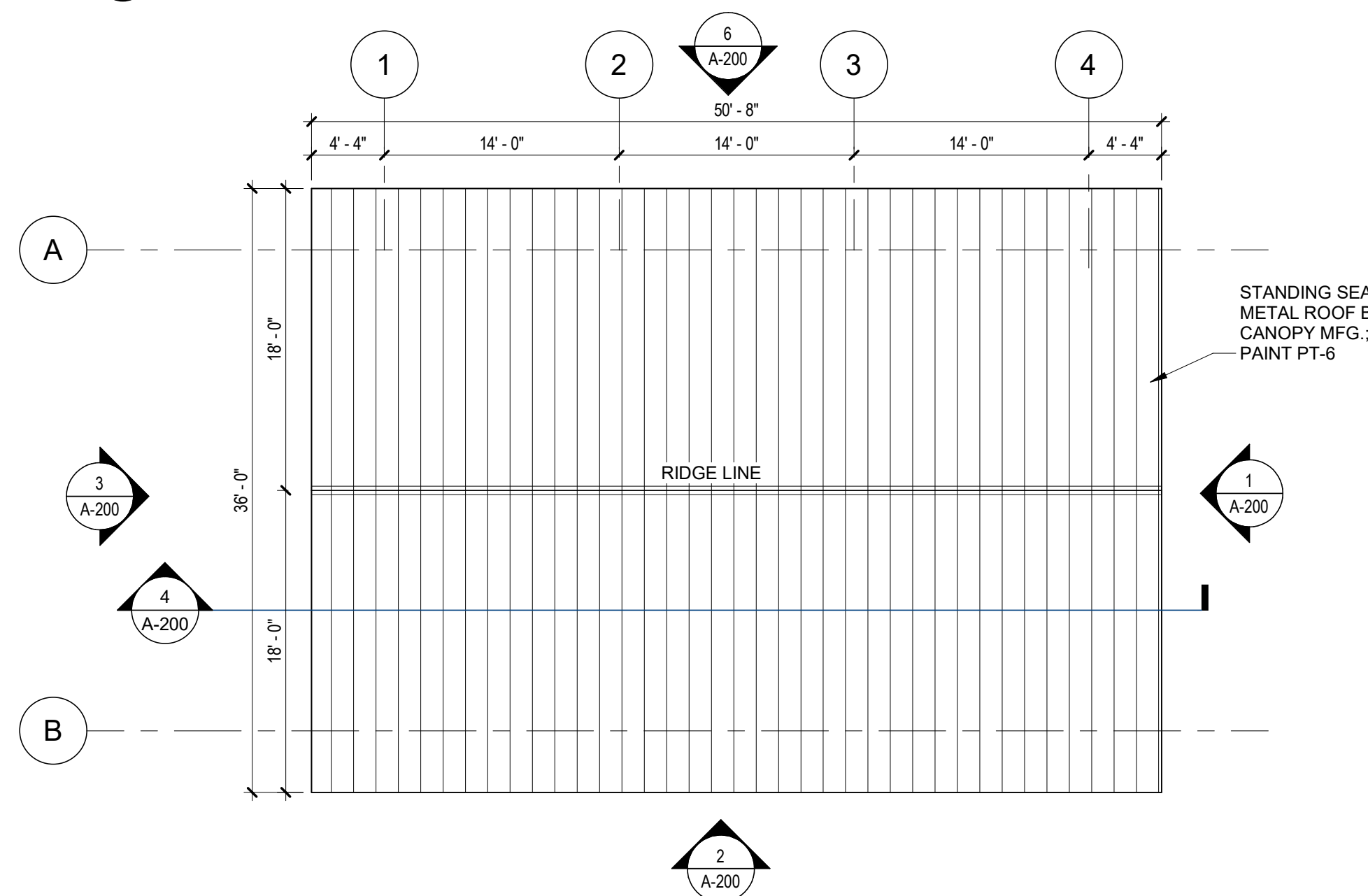


1 FLOOR PLAN
1/8" = 1'-0"

4 FLOOR PLAN - ENLARGED
1/4" = 1'-0"



2 REFLECTED CEILING PLAN
1/8" = 1'-0"



3 ROOF PLAN
1/8" = 1'-0"

TOILET ACCESSORY SCHEDULE				
NO	DESCRIPTION	BOD MFG	BOD MODEL	NOTES
01	TOILET PAPER DISPENSERS	-	-	OWNER PROVIDED CONTRACTOR INSTALLED
02	SOAP DISPENSER	-	-	OWNER PROVIDED CONTRACTOR INSTALLED
03	VANDAL-RESISTANT STAINLESS STEEL FRAMELESS MIRROR	BOBRICK	B-942	*1
04	SURFACE-MOUNTED WASTE RECEPTACLE	BOBRICK	B-279 (ADA COMPLIANT)	
05	BABY CHANGING STATION	BOBRICK	KB 310-SSWM	
06	GRAB BAR/TOILET BACK: 36"	BOBRICK	B-6806-36	*4
07	GRAB BAR/TOILET BACK: 42"	BOBRICK	B-6806-42	*4
08	GRAB BAR/TOILET BACK: 18"	BOBRICK	B-6806-18	*4
09	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL UNIT	BOBRICK	B-254	
10	WALL MOUNTED HAND DRYER	BOBRICK	B-7179 (ADA COMPLIANT)	
11	MOP/BROOM HOLDER	BOBRICK	B-239 X 34	*2
NOTES: SEE PLUMBING SCHEDULE FOR FIXTURES				
U.N.O. ALL TO BE SUPPLIED AND INSTALLED BY GC				
*1 INSTALL IN ALL RESTROOMS U.N.O. LOCATION & QUANTITY PER PLAN				
*2 INSTALL IN ALL JANITOR'S CLOSETS U.N.O.				
*3 INSTALL IN ALL WOMENS BATHROOM STALLS ONLY				
*4 INSTALL IN ALL ACCESSIBLE TOILET COMPARTMENTS				

RCP LEGEND

NOTES:

- MECHANICAL AND ELECTRICAL ITEMS SHOWN FOR COORDINATION PURPOSES ONLY.
- REFER TO MEP PLANS FOR CEILING EQUIPMENT LOCATIONS & SIZES.
- ACCESS PANELS TO BE INSTALLED IN ALL HARD CEILINGS ADJACENT TO ALL CEILING MOUNTED VALVES & HVAC EQUIPMENT REQUIRING MAINTENANCE. LOCATIONS SHALL BE COORDINATED AS PART OF COORDINATED DRAWING PROCESS.

	DIRECT APPLIED FINISH SYSTEM (DIFS)
	V - 4' VANDAL RESISTANT LIGHT
	E - 4' LED STRIP
	P - PENDANT LIGHT FIXTURE
	N - WALL MOUNT LIGHT FIXTURE
	OS - OCCUPANCY SENSOR
	MECH FAN

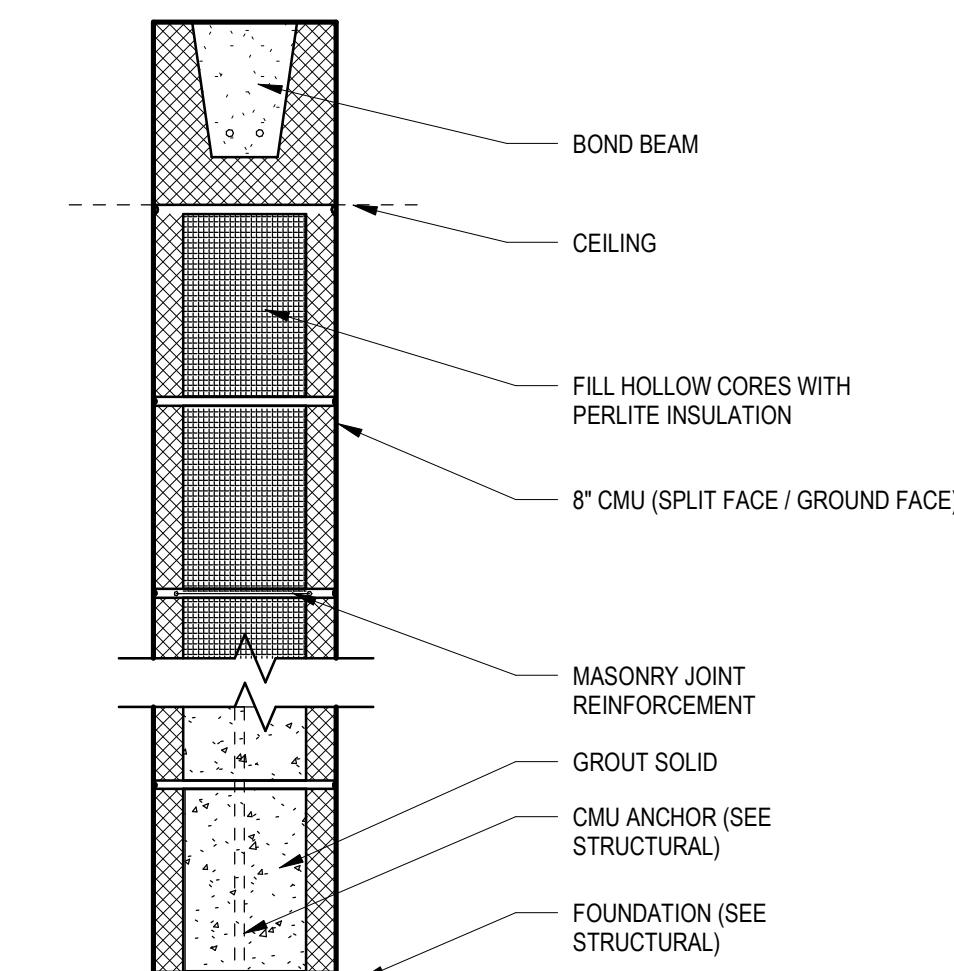
CEILING NOTES

- CEILING PLANS DO NOT SHOW EVERY FIXTURE OR COMPONENT. REFER TO ELECTRICAL, PLUMBING, MECHANICAL AND STRUCTURAL DRAWINGS FOR EXTENT OF ALL CEILING PENETRATIONS AND INSTALLATIONS AND COORDINATE PRIOR TO INSTALLATION.

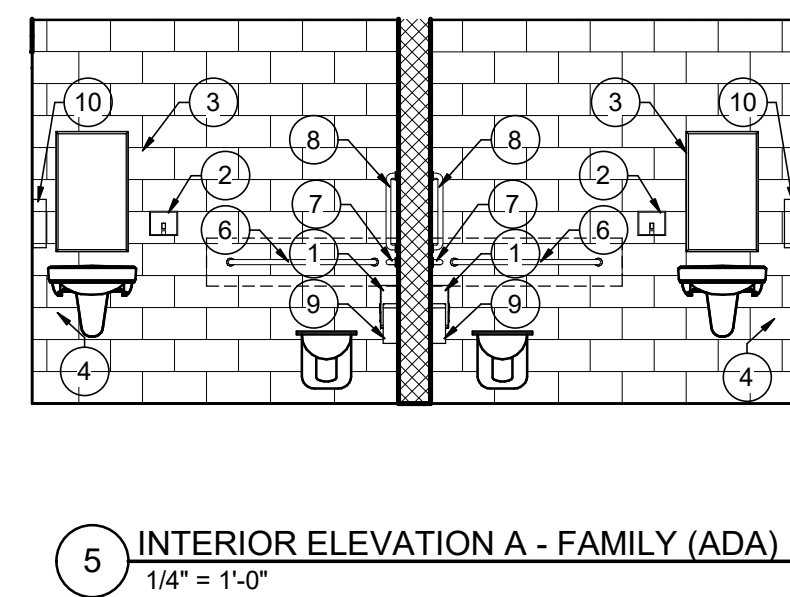
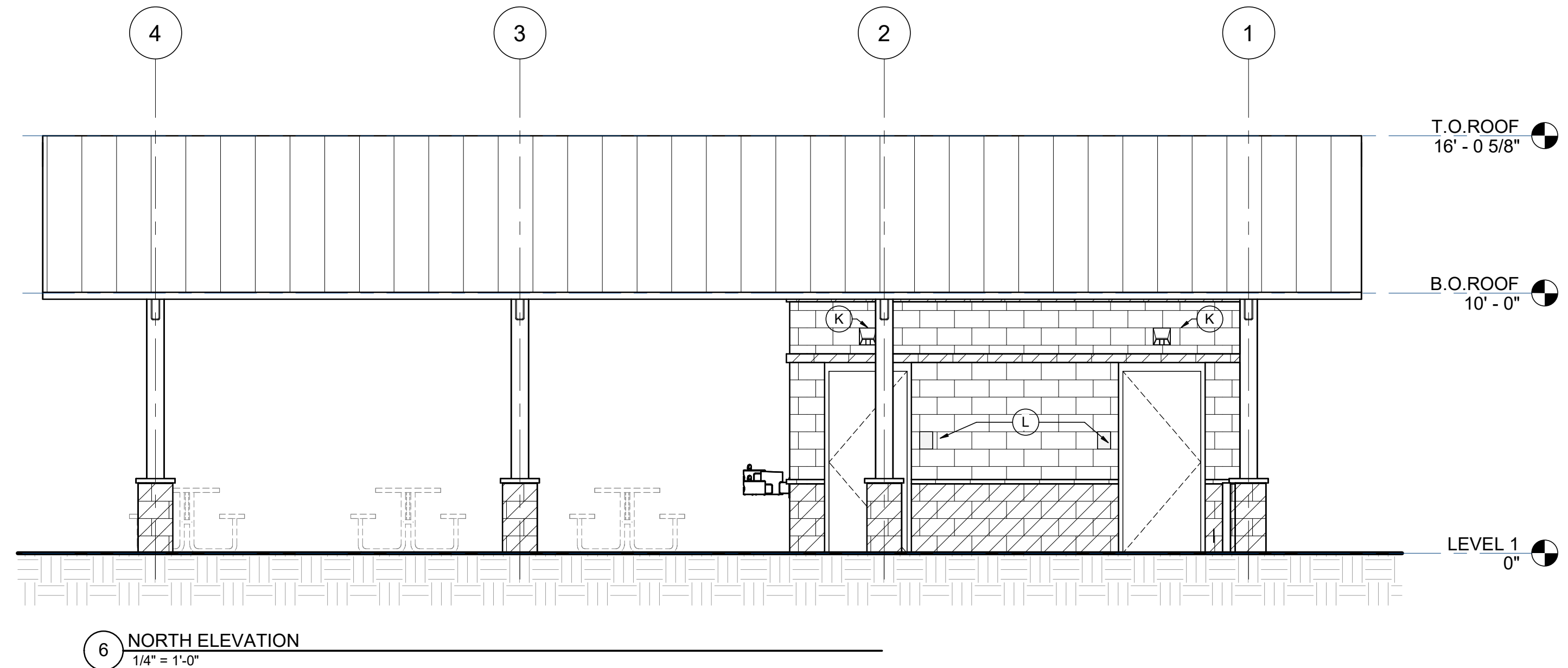
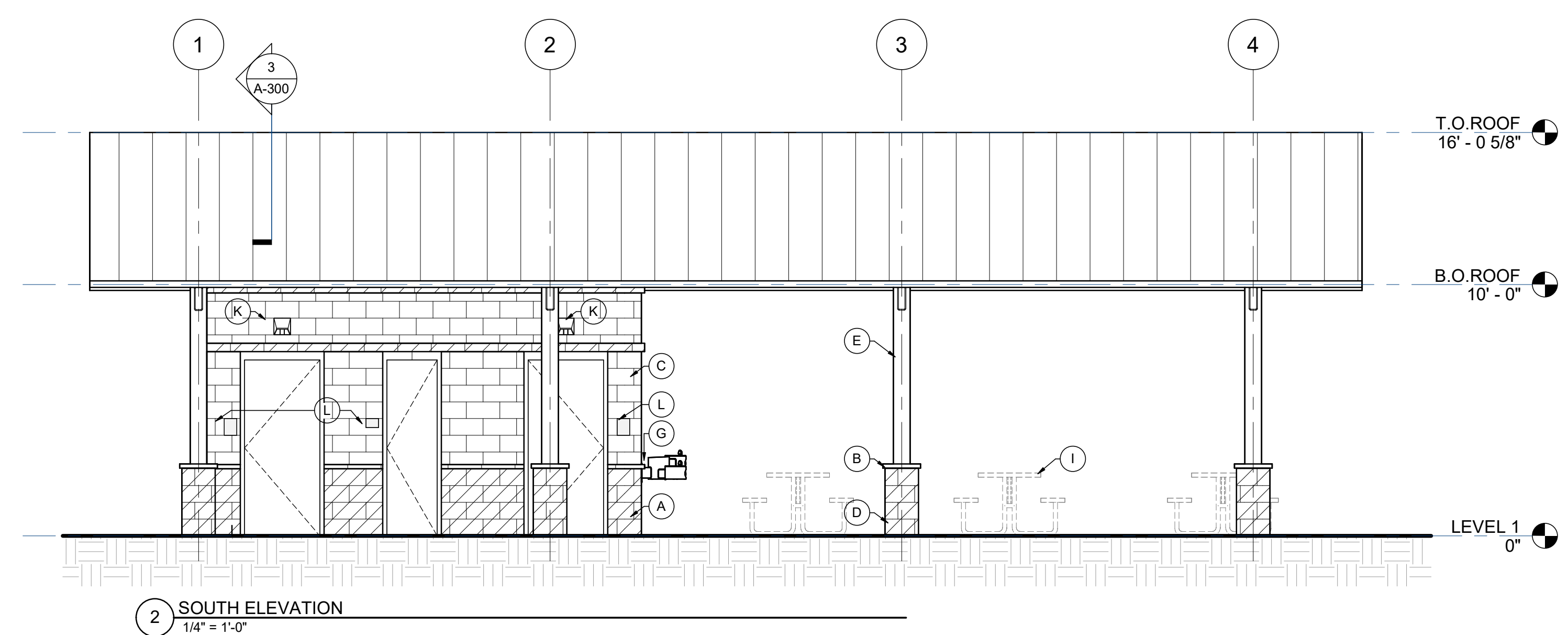
PLAN GENERAL NOTES

- WORK FROM GIVEN DIMENSIONS. IN GENERAL, LARGE-SCALE DETAILS TAKE PRECEDENCE OVER SMALLER SCALE PLANS, ELEVATIONS AND BUILDING SECTIONS. NOTIFY THE ARCHITECT OF ANY DIMENSIONAL DISCREPANCIES PRIOR TO COMMENCING THE WORK, AND DO NOT BEGIN WORK UNTIL SUCH DISCREPANCIES ARE RESOLVED BY THE ARCHITECT.
- DO NOT SCALE THE DRAWINGS.
- DIMENSIONS INDICATED AS "CLEAR" SHALL BE MAINTAINED IN CASES OF DISCREPANCY.
- UNLESS NOTED OTHERWISE, THE LOCATION OF DOOR FRAMES SHALL BE:
 - CMU PARTITIONS: 4" FROM THE ADJACENT WALL TO THE HINGE SIDE OF THE ROUGH OPENING.
- MASONRY OPENING OR ROUGH OPENING DIMENSIONS INDICATED ARE NOMINAL DIMENSIONS AND MAY NOT MATCH THE ACTUAL DIMENSIONS OF THE PRODUCT. COORDINATE ALL MASONRY OPENINGS AND ROUGH OPENINGS WITH THE ACTUAL WINDOW UNIT, DOORFRAME, CURTAIN WALL/STOREFRONT, OR LOUVER SIZES AND REQUIREMENTS.
- DIMENSIONAL CONTROL:**
 - EXTERIOR DIMENSIONS ARE TO:**
 - CENTERLINE OF COLUMN
 - FACE OF MASONRY
 - FACE OF STUD
 - FACE OF CONCRETE
 - CENTERLINE OF WINDOW OPENING
 - ROUGH OPENING
 - MASONRY OPENING
 - INTERIOR DIMENSIONS ARE TO:**
 - CENTERLINE OF COLUMN
 - FACE OF MASONRY
 - FACE OF STUD
 - FACE OF EXISTING FINISH MATERIAL

CMU PARTITION



7 PARTITION TYPE - W1
1 1/2" = 1'-0"

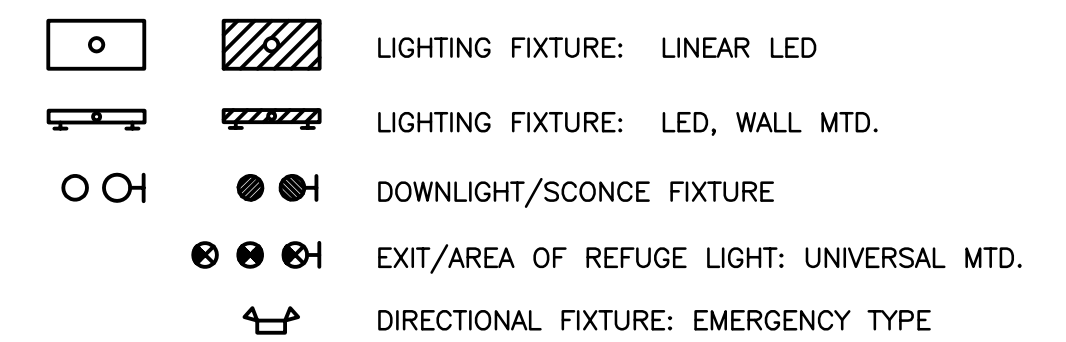


EXTERIOR ELEVATION SCHEDULE	
Number	Description
A	SPLIT FACE CMU
B	PRECAST
C	GROUND FACE CMU
D	SPLIT FACE CMU PILASTER
E	STRUCTURE: PREMANUFACTURED CANOPY SYSTEM
F	LOUVER
G	DRINKING FOUNTAIN
H	STANDING SEAM METAL ROOF
I	PICNIC TABLES (NIC)
J	3'-4" DIA. CIRCULAR BRONZE PLAQUE SIGNAGE W/AUGUSTA, GA PARKS & RECREATION LOGO
K	EXTERIOR LIGHT FIXTURE
L	ROOM SIGNAGE

TOILET ACCESSORY SCHEDULE	
Number	Description
1	TOILET PAPER DISPENSERS: OWNER SUPPLIED CONTRACTOR INSTALLED (OSCI)
2	SOAP DISPENSERS: OSCI
3	VANDAL-RESISTANT STAINLESS STEEL FRAMELESS MIRROR
4	SURFACE-MOUNTED WASTE RECEPTACLE
5	BABY CHANGING STATION
6	GRAB BAR/TOILET BACK: 36"
7	GRAB BAR/TOILET SIDE: 42"
8	GRAB BAR/VERTICAL:18"
9	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL UNIT
10	HAND DRYER
11	MOP HOLDER/ SHELF

LIGHTING FIXTURES:

NON- EMERGENCY	EMERGENCY
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WIRING DEVICES:

RECEPTACLES:

	RECEPTACLE: DUPLEX
	RECEPTACLE: GROUND-FAULT-INTERRUPTING-TYPE
	ELECTRIC WATER COOLER POWER CONNECTION
	HAND DRYER CONNECTION, SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.

SWITCHES:

S	SWITCH: SINGLE-POLE
S ₃	SWITCH: THREE-WAY TYPE
CS	SWITCH: OCCUPANCY SENSOR, CEILING MOUNTED
CS	SWITCH: OCCUPANCY SENSOR, WALL MOUNTED W/DIMMER CONTROL AND OFF SWITCHES
VS	SWITCH: VACANCY SENSOR, WALL MOUNTED W/DIMMER CONTROL AND OFF SWITCHES
So	SWITCH: SENSOR OVERRIDE, WALL MOUNTED W/DIMMER CONTROL AND OFF SWITCHES
Do	SWITCH: LED DIMMER, 0-10V W/ ON-OFF SWITCH, COMPATIBLE WITH OCCUPANCY/VACANCY SENSOR IN SPACE
PC	PHOTOCELL

DEVICE IDENTIFIER TAGS:

C MOUNT ABOVE COUNTERTOP OR BACKSPLASH, 6" ABOVE
WORK SURFACE TO CENTER.

IX" MOUNT DEVICE AT HEIGHT INDICATED.

WP PROVIDE WEATHER-PROOF COVER.

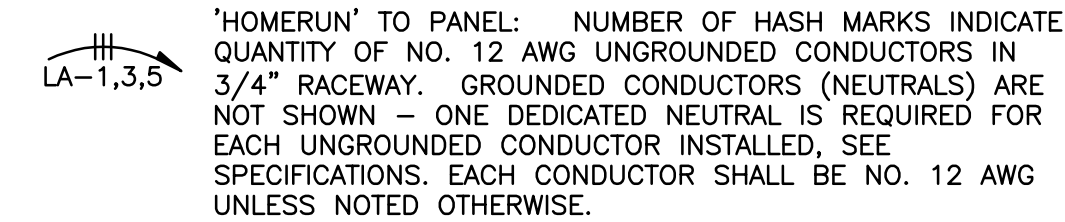
V MOUNT DEVICE AT 72" AFF, ADJACENT TO TV RECEPTACLE

ELECTRICAL EQUIPMENT:

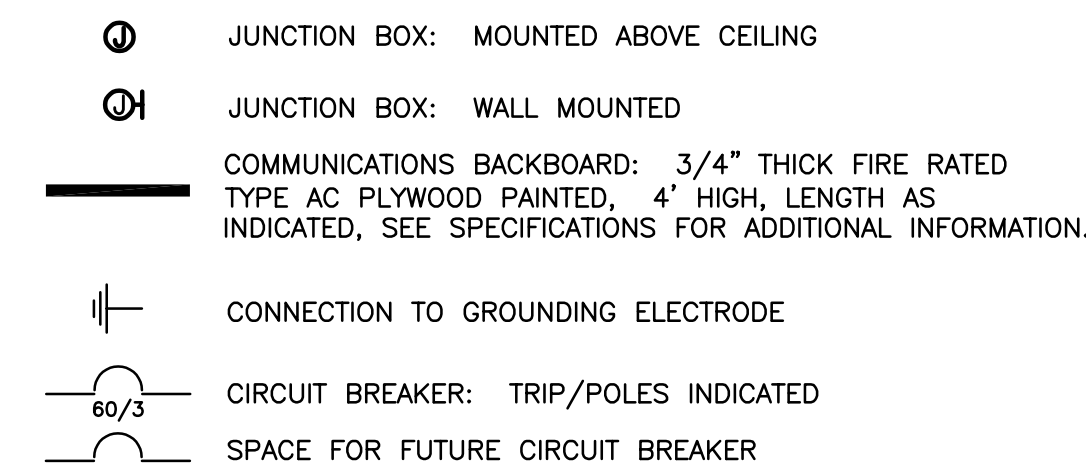
	NON--FUSIBLE DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH, 30A/2/1/30F
	PANELBOARD: LIGHTING--TYPE, SURFACE MOUNTED
	PANELBOARD: LIGHTING--TYPE, FLUSH MOUNTED
<u>XX-1</u> 	EQUIPMENT AS NOTED, SEE ABBREVIATION LIST, THIS SHEET
	PHOTOCELL: LOCATE UNDER EAVES, FACING NORTH, AVOID ANY OTHER OUTSIDE LIGHT SOURCE

BRANCH CIRCUITS:

	BRANCH CIRCUIT: CONCEALED
	BRANCH CIRCUIT: CONCEALED IN FLOOR SLAB
	BRANCH CIRCUIT: EXPOSED



MISCELLANEOUS COMPONENTS:



TELECOMMUNICATIONS:

▶	WALL MTD. TELECOMMUNICATION OUTLET-(1) CAT 6 UTP CABLE FROM TELECOMMUNICATION BACKBOARD, VERIFY LOCATION PRIOR TO PULLING.
▶	WALL MTD. CATV OUTLET-(1) RG-6 CABLE FROM IT ROOM,VERIFY LOCATION PRIOR TO PULLING. MTD. AT 60°AFF, UNO.
	19"W x 84"H TIA RACK WITH VERTICAL WIRE MANAGEMENT CHANNELS
	CONDUIT SLEEVE: NUMBER & SIZE, 2-4" TYP., UNO

GENERAL NOTES:

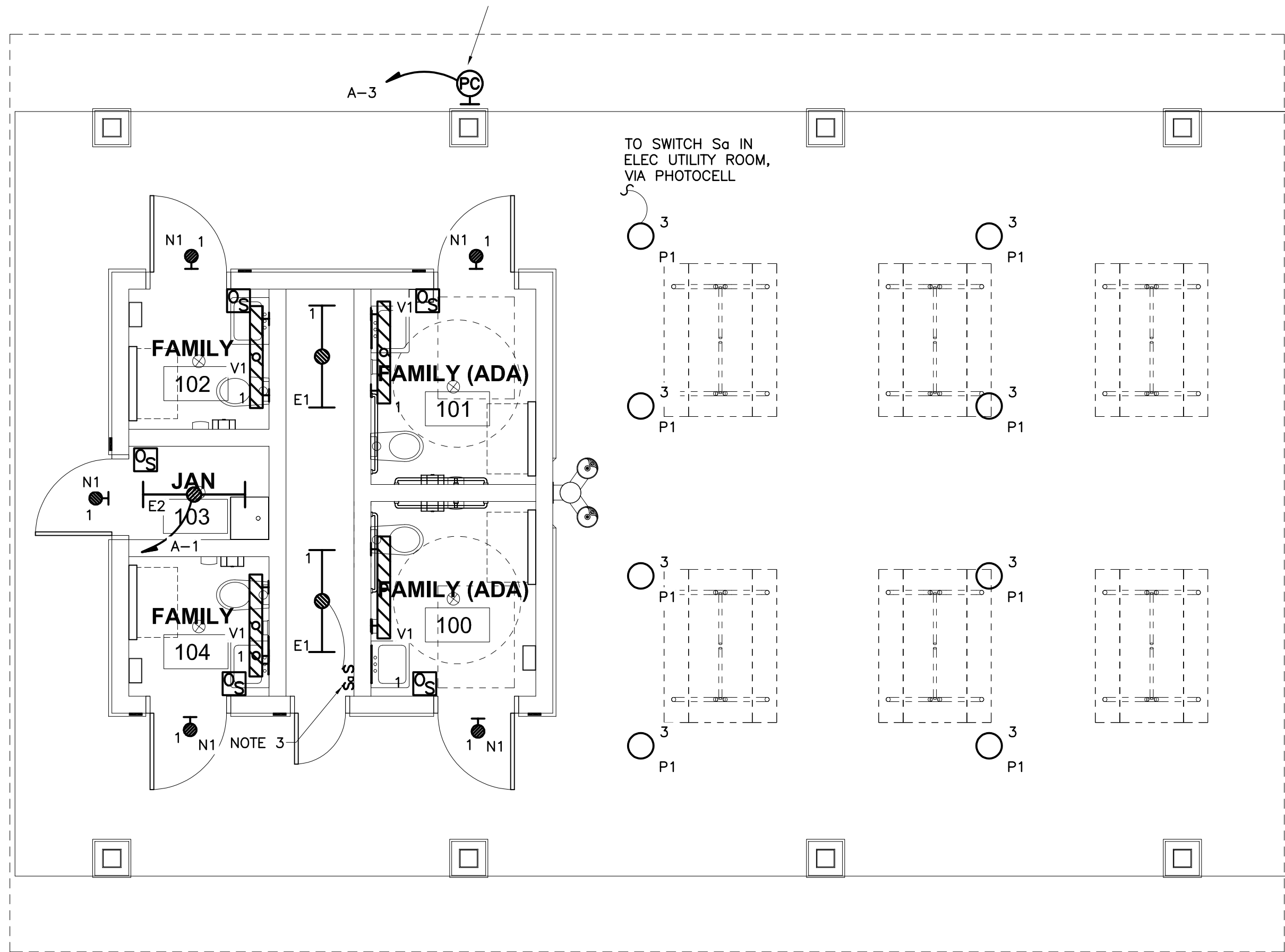
1. WHERE COMPLETE BRANCH CIRCUIT WIRING IS NOT SHOWN, PROVIDE ACCORDING TO HOMERUNS SHOWN AND CORRESPONDING CIRCUIT NUMBERS ADJACENT TO THE DEVICE OR FIXTURE. REFER TO THE REQUIREMENTS FOR WIRING METHODS. THE CIRCUIT TYPE AND SIZE SHALL BE BASED ON OVERCURRENT DEVICE RATINGS SHOWN IN THE PANEL SCHEDULES.
2. REFER TO THE ELECTRICAL PANELBOARD SCHEDULES AND EQUIPMENT RATINGS & CONNECTIONS SCHEDULE FOR VOLTAGE, BRANCH CIRCUITS REQUIREMENTS, BREAKERS SIZES AND OTHER RELATED ELECTRICAL EQUIPMENT TO BE PROVIDED AND/OR INSTALLED BY THE ELECTRICAL CONTRACTOR.

ABBREVIATIONS:

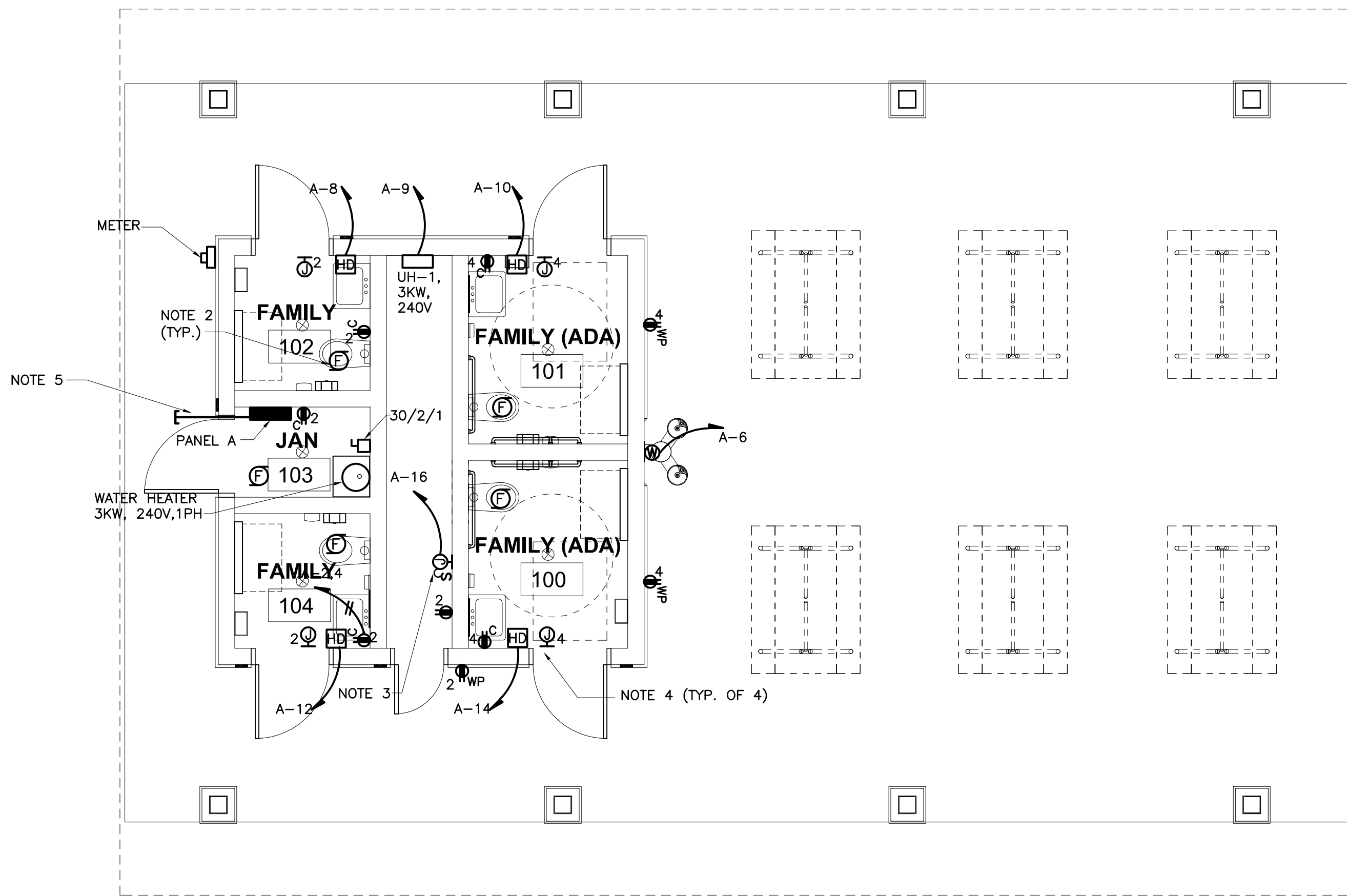
A	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AIR HANDLER
AIC	AMPERAGE INTERRUPT CAPABILITY
AWG	AMERICAN WIRE GAUGE
C.	CONDUIT
CU	CONDENSING UNIT
DIA	DIAMETER
EF	EXHAUST FAN
EH	ELECTRIC HEATER
G	GROUND
GFI	GROUND—FAULT INTERRUPTING
KOMIL	KILO CIRCULAR MIL
MB	MAIN BREAKER
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
MOCB	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
No.	NUMBER
NEC	NATIONAL ELECTRIC CODE
NTS	NOT TO SCALE
RGS	RIGID GALVANIZED STEEL
RTU	ROOFTOP UNIT
SPD	SURGE PROTECTION DEVICE
SWBD	SWITCHBOARD
TBB	TELECOMMUNICATIONS BACK BOARD
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE
W	WATTAGE
W/	WITH
WH	WATER HEATER
WP	WEATHER PROOF

1. GENERAL PROVISIONS:
- APPLICABLE PROVISIONS OF THE STATE AND LOCAL CODES AND OF THE NATIONAL ELECTRICAL CODE (NFPA NO. 70), CURRENTLY ADOPTED EDITION, ARE HEREBY IMPOSED ON A GENERAL BASIS FOR ELECTRICAL WORK.
- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SUPERVISION TO CONSTRUCT A COMPLETE AND OPERABLE ELECTRICAL SYSTEM. ALL MATERIALS AND EQUIPMENT USED SHALL BE NEW, UNDAMAGED AND FREE FROM ANY DEFECTS.
2. MATERIALS:
- A. ALL MATERIALS SHALL CONFORM TO U.L. & NEMA REQUIREMENTS AND SHALL BE AS SPECIFIED OR "PRIOR APPROVED EQUAL" BY THE ENGINEER.
- B. RACEWAY SYSTEM: ALL CONDUITS AND RACEWAYS SHALL BE INSTALLED CONCEALED IN FINISHED SPACES. CONCEALED CONDUITS SHALL BE EMT, IMC OR RGS. ROUTE ALL CONDUITS AND RACEWAYS PARALLEL AND PERPENDICULAR TO THE STRUCTURE AND SUPPORT AS REQUIRED BY THE NEC. ALL EXPOSED EXTERIOR OR WET LOCATED BRANCH CIRCUIT OR FEEDER RACEWAYS SHALL BE RGS OR IMC CONDUIT. ALL UNDERGROUND BRANCH CIRCUIT OR FEEDER RACEWAYS SHALL BE PVC CONDUIT. EXPOSED CONDUITS IN MECHANICAL SPACES AND CLOSETS SHALL BE RGS OR IMC. EXPOSED CONDUITS IN FINISHED SPACES SHALL BE SURFACE METAL RACEWAY (WIREMOLD). CONNECTORS/COUPLINGS FOR USE WITH EMT CONDUIT SHALL BE STEEL COMPRESSION TYPE, EXCEPT THAT STEEL, SET SCREW TYPE WILL BE ACCEPTABLE FOR EMT CONDUIT SIZES 2-1/2" AND LARGER. SUPPORT RACEWAY SYSTEM USING WOOD SCREWS TO WOOD; BY TOGGLE BOLTS ON HOLLOW MASONRY UNITS; BY CONCRETE INSERTS OR EXPANSION BOLTS ON CONCRETE OR BRICK; BY MACHINE SCREWS, WELDED THREADED STUDS, OR SPRINGTENSION CLAMPS ON STEEL WORK. CONDUIT SUPPORTS SHALL BE TWO-HOLE STRAPS, WALL BRACKETS, HANGERS OR CEILING TRAPEZE.
- C. BOXES: PROVIDE GALVANIZED STEEL OUTLET BOXES WITH STAMPED KNOCKOUTS FOR INTERIOR DRY LOCATIONS. PROVIDE CAST ALUMINUM BELL TYPE FOR ALL EXTERIOR WET LOCATIONS. INTERIOR FLUSH BOXES SHALL BE 4" SQUARE BY 1-1/4" DEEP. INTERIOR FLUSH BOXES FOR COMMUNICATION OUTLETS AND GFCI OUTLETS SHALL BE 4-11/16" SQUARE BY 2-1/8" DEEP. PROVIDE SINGLE GANG TILE COVERS UNLESS REQUIRED OTHERWISE.
- D. GRADE LEVEL PULL BOXES: BOXES SHALL BE QUASITE COMPOSOLITE TYPE. PROVIDE SIZE AS INDICATED ON THE DRAWINGS. PROVIDE STACKABLE SECTIONS TO ACHIEVE BURIAL DEPTH FOR SPECIFIED FOR CONDUITS. BOXES SHALL HAVE OPEN BOTTOM AND LOOKING COVER WITH "ELECTRICAL" OR "COMMUNICATIONS" LOGO AS APPROPRIATE. PULL BOXES SHALL BE RATED FOR LIGHT VEHICULAR TRAFFIC. ENCASEMENT IS REQUIRED ONLY IF DIRECTED BY MANUFACTURER TO OBTAIN RATING.
- E. WIRE AND CABLES: CONDUCTORS SHALL BE COPPER, TYPE THHN OR THWN. CONDUCTORS SHALL BE COLOR CODED.
- F. WIRING DEVICES: PROVIDE WIRING DEVICES PRODUCED BY ONE OF THE FOLLOWING MANUFACTURERS: HUBBELL, LEVITON, OR COOPER. RECEPTACLES SHALL BE SPECIFICATION GRADE HEAVY-DUTY TYPE RECEPTACLES 2--POLE, 3--WIRE GROUNDING, SIDE WIRING, NEMA 5--20R, 20--AMP, 125 VOLTS, UNLESS SHOWN OTHERWISE. LIGHT SWITCHES SHALL BE RATED 20 AMPS. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE. SENSORS SHALL BE MANUFACTURERS' RECOMMENDED SIZE AND MODEL FOR EACH SPACE. EXACT LOCATION OF SENSORS SHALL BE AS DETERMINED BY MANUFACTURER IN SHOP DRAWING. ACCEPTABLE SENSOR MANUFACTURERS: HUBBELL BUILDING AUTOMATION, WATTSSTOPPER, COOPER.
- G. LIGHTING FIXTURES: PROVIDE LIGHTING FIXTURES AS INDICATED ON THE FIXTURE SCHEDULE. ALL LED FIXTURES SHALL BE EQUIPPED WITH ELECTRONIC DRIVERS. FIXTURE CATALOG NUMBERS INDICATE STYLE OF FIXTURE REQUIRED. PROVIDE FIXTURES WITH PROPER FRAMES FOR CEILING TYPES INDICATED ON THE REFLECTED CEILING PLAN. EMERGENCY FIXTURES SHALL BE PROVIDED WITH FACTORY INSTALLED EMERGENCY BATTERY BALLASTS. NOT LESS THAN ONCE EVERY 30 DAYS, SELF-TESTING/SELF-DIAGNOSTIC BATTERY-OPERATED EMERGENCY LIGHTING EQUIPMENT SHALL AUTOMATICALLY PERFORM A TEST WITH A DURATION OF A MINIMUM OF 30 SECONDS AND A DIAGNOSTIC ROUTINE AND SHALL INDICATE FAILURES BY A VISIBLE STATUS INDICATOR ONLY. THE BATTERY SHALL BE CAPABLE OF OPERATING FIXTURE AT 50% LUMEN OUTPUT FOR 90 MINUTES. PROVIDE ALL LOW-VOLTAGE CABLES REQUIRED FOR DIMMABLE FIXTURES AND COORDINATE DIMMER SWITCH AND DRIVER FOR COMPATIBILITY.
- H. PANELBOARDS: PROVIDE PANELBOARDS PRODUCED BY ONE OF THE FOLLOWING MANUFACTURERS: GE, SIEMENS, SQUARE D, OR CUTLER HAMMER. PROVIDE PANELBOARDS OF THE TYPE, SIZE, AND RATING INDICATED. LIGHTING AND APPLIANCE TYPE PANELBOARDS SHALL BE A MINIMUM OF 20" WIDE. PANELS SHALL BE EQUIPPED WITH COPPER BUS BARS, FULL-SIZED NEUTRAL BAR, AND A GROUND BUS. CIRCUIT BREAKERS SHALL BE BOLT-IN TYPE, HEAVY-DUTY, QUICK-MAKE, QUICK-BREAK MOLDED CASE CIRCUIT BREAKERS. MULTI-POLE BREAKERS SHALL BE COMMON TRIP WITH A SINGLE HANDLE. PROVISIONS FOR FUTURE BREAKERS SHALL BE FULLY BUSSED COMPLETE WITH ALL NECESSARY MOUNTING HARDWARE. PROVIDE LAMINATED PLASTIC NAMEPLATE. CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING TYPE CIRCUIT BREAKERS. PROVIDE NEW/UPDATED SCHEDULES FOR ALL PANELBOARDS.
- I. GROUNDING: ELECTRICAL GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC. PROVIDE ELECTRICAL BRAZING OR EXOTHERMIC CONNECTORS AND TERMINALS. BOLTED CLAMP WILL NOT BE ACCEPTED BETWEEN GROUNDING RODS AND GROUND CONDUCTORS. BOND EQUIPMENT GROUNDING CONDUCTORS TO ALL OUTLET BOXES WITH A SCREW USED FOR NO OTHER PURPOSE. CONNECT EQUIPMENT GROUNDING CONDUCTOR TO DEVICE GROUNDING TERMINALS. PROVIDE BARE OR GREEN INSULATED STRANDED COPPER SIZED ACCORDING TO NEC OR AS SHOWN. GROUND RODS SHALL BE 3/4" DIAMETER X 10' COPPER-CLAD STEEL, SECTIONAL TYPE.
- J. DISCONNECT SWITCHES: PROVIDE DISCONNECTS PRODUCED BY ONE OF THE FOLLOWING MANUFACTURERS: GE, SIEMENS, SQUARE D, OR CUTLER HAMMER. PROVIDE HEAVY DUTY TYPE, SHEET STEEL ENCLOSED SAFETY SWITCHES, INCORPORATING QUICK-BREAK TYPE SWITCHES. ALL SWITCHES SHALL BE UL LISTED. DISCONNECTS SHALL BE NON-FUSED TYPE, UNO.
- K. SPD: PROVIDE SPD UNITS CONNECTED IN PARALLEL WITH POWER DISTRIBUTION EQUIPMENT. SPD UNITS SHALL BE MOUNTED EXTERNAL TO POWER DISTRIBUTION EQUIPMENT. THE USE OF SPD UNITS INTEGRAL WITH POWER DISTRIBUTION EQUIPMENT IS NOT ACCEPTABLE. PROVIDE SPD UNITS BY THE FOLLOWING MANUFACTURERS/SERIES: SURGE SUPPRESSION, INC, CURRENT TECHNOLOGIES TO, AND ADVANCED PROTECTION TECHNOLOGIES. SPD FOR SERVICE EQUIPMENT SHALL BE AS FOLLOWS: SINGLE PULSE SURGE CAPACITY PER MODE: 150,000 AMPS AND MODES: L-L, L-N, AND L-G. ALL UNITS SHALL HAVE THE FOLLOWING FEATURES: PHASE LED INDICATOR LIGHTS, DISTURBANCE COUNTER, 5-YEAR REPAIR/REPLACEMENT WARRANTY FROM MANUFACTURER IN THE NAME OF THE OWNER. INSTALL SPD UNITS ADJACENT TO ELECTRICAL EQUIPMENT, ENSURING THAT LEAD LENGTHS ARE AS SHORT AS POSSIBLE TO ACHIEVE MAXIMUM PROTECTION. CONNECT TO CIRCUIT BREAKER IN ELECTRICAL EQUIPMENT AS SHOWN ON THE MANUFACTURER'S WIRING DIAGRAMS.
4. REFER TO ARCHITECTURAL SECTION FOR LOCATION OF FIRE RATED WALLS AND CEILINGS. ALL OUTLETS, FIXTURES, AND THROUGH PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH THE NFPA 70 AND THE UL DESIGN No. OF THE TYPE OF CONSTRUCTION ENCOUNTERED.
5. SUBMITTALS: SUBMIT TO THE ARCHITECT FOR APPROVAL BEFORE BEGINNING CONSTRUCTION THE FOLLOWING:
- A. DATA SHEETS ON ALL ITEMS LISTED ABOVE.
- B. SCALED LAYOUT OF ELECTRICAL SPACES BASED ON THE ELECTRICAL EQUIPMENT BEING INSTALLED.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL HVAC CONNECTION REQUIREMENTS WITH HVAC CONTRACTOR PRIOR TO ORDERING ELECTRICAL GEAR. HVAC UNITS SELECTED BY CONTRACTOR MAY DIFFER SLIGHTLY FROM THOSE IN THE BASIS OF DESIGN. ANY DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

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1 LIGHTING PLAN
E-100 SCALE: 1/4" = 1' - 0"



2 POWER PLAN
E-100 SCALE: 1/4" = 1' - 0"

LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER/SERIES	REFLECTOR/DIFFUSER	FINISH	MOUNTING	LUMENS	NOTES
E2	4' LED STRIP	CREE C-LITE SERIES	ACRYLIC LENS	WHITE	CEILING	5000	PROVIDE INTEGRAL BATTERY
N1	LED AREA LIGHT	NLS LIGHTING TWL SERIES OR PRIOR APPROVED EQUAL	POLYCARBONATE LENS/ TYPE 4 DISTRIBUTION	DARK BRONZE	ABOVE DOOR	2500	WET LOCATION, INTEGRAL PHOTOCELL & BATTERY, NOTE 2
P1	LED PENDANT	NLS LIGHTING TCL SERIES OR PRIOR APPROVED EQUAL	POLYCARBONATE LENS	DARK BRONZE	SURFACE, SWIVEL MOUNT	4000	WET LOCATION RATED
V1	4' VANDAL RESISTANT STRIP	ADVANTAGE ENVIRONMENTAL LIGHTING LWV60 SERIES OR PRIOR APPROVED EQUAL	POLYCARBONATE LENS	WALL	SURFACE, ABOVE MIRROR	5000	INTEGRAL BATTERY

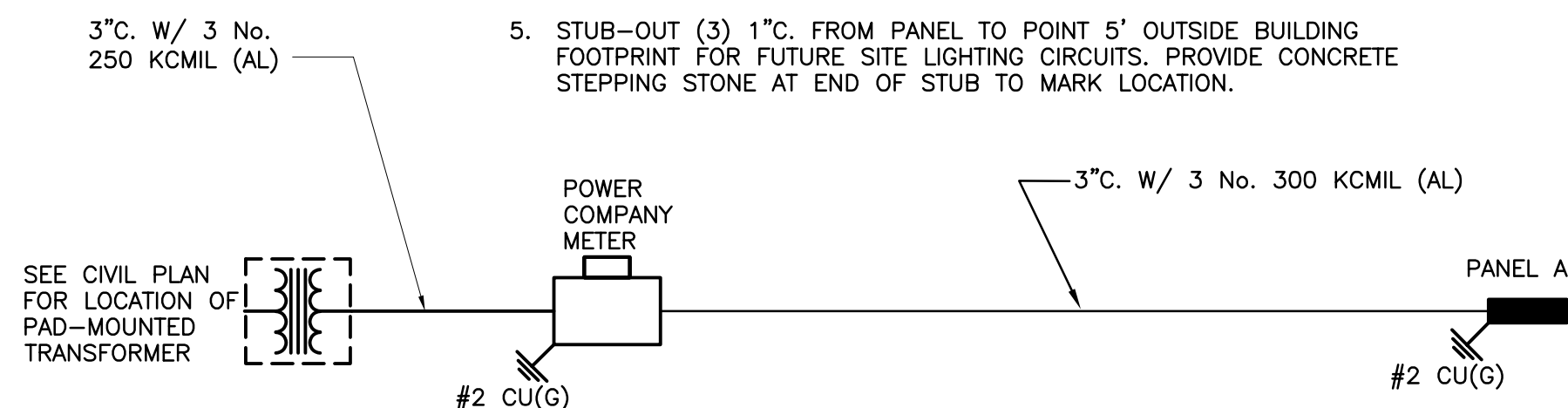
LIGHTING NOTES:

- LOCATE PHOTOCELL ON NORTH SIDE OF BUILDING, UNDER EAVE AND AWAY FROM OTHER ARTIFICIAL SOURCES OF LIGHT. EXTEND CIRCUIT THROUGH SWITCH Sd.
- REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT LOCATION OF TYPE N1.
- PROVIDE PLASTIC ENGRAVED LABEL ON SWITCH Sd TO READ "PAVILION LIGHTS".

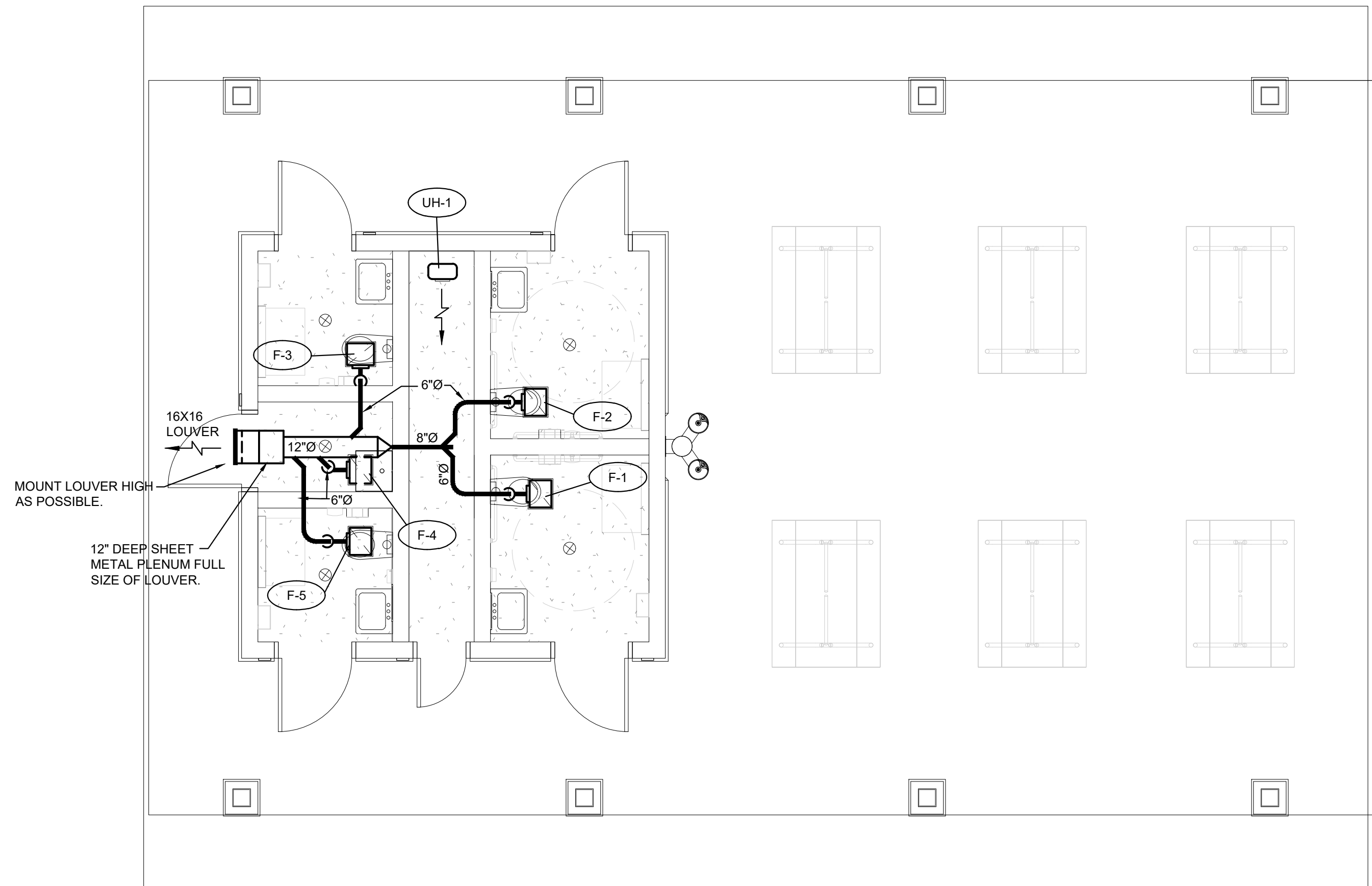
PANELBOARD SCHEDULE A											
MAINS :		250A MB W/ SHUNT TRIP						MTG :	SURFACE		
VOLTAGE :		240/120		PHASE:	1	WIRE:	3	A.I.C. :	42,000		
DEVICE		BRANCH CIRCUIT			PHASE LOAD (V-A)			BRANCH CIRCUIT		DEVICE	
NO.	TRIP	POLE	DESIGNATION	V-A	PH 1	PH 2	V-A	DESIGNATION	POLE	TRIP	NO.
1	20	1	LIGHTING	1,500	2,000		1,400	RECEPTACLES	1	20	2
3	20	1	PAVILION LIGHTING	1,500		3,000	1,400	RECEPTACLES	1	20	4
5					1,000		1,600	WATER COOLER	1	20*	6
7						2,000	2,000	HAND DRYER	1	20	8
9	20	2	UH-1	1,500	3,500		2,000	HAND DRYER	1	20	10
11				1,500		3,500	2,000	HAND DRYER	1	20	12
13	20	2	WATER HEATER	1,500	3,500		2,000	HAND DRYER	1	20	14
15				1,500		2,500	1,600	HEAT TRACE TAPE	1	20	16
17	20	1	SITE LIGHTING	1,500	1,500			SPARE	1	20	18
19	20	1	SITE LIGHTING	1,500		1,500		SPARE	1	20	20
21	20	1	SITE LIGHTING	1,500	1,500			SPARE	1	20	22
23	20	1	SITE LIGHTING	1,500		1,500		SPARE	1	20	24
25	20	1	SITE LIGHTING	1,500	1,500			SPARE	1	20	26
27	20	1	SITE LIGHTING	1,500		1,500		SPARE	1	20	28
29	20	1	SITE LIGHTING	1,500	1,500			SPARE	1	20	30
31		1	SPACE					SPACE	1		32
33		1	SPACE					SPACE	1		34
35		1	SPACE					SPACE	1		36
37		1	SPACE					SPACE	1		38
39		1	SPACE					SPACE	1		40
41		1	SPACE					SPACE	1		42
CONNECTED				16,400		15,500		TTL :	31,900		
DEMAND				16,400		15,500		TTL :	31,900		
* - PROVIDE GFI TYPE BREAKER.											

POWER NOTES:

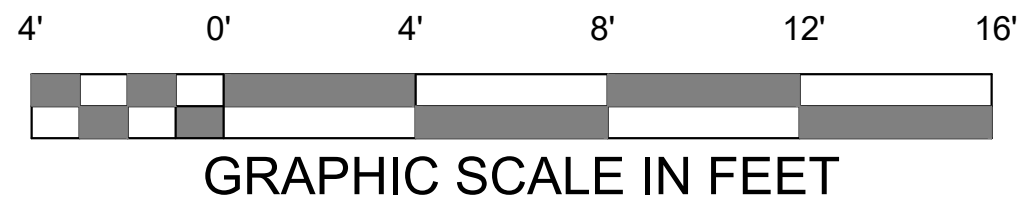
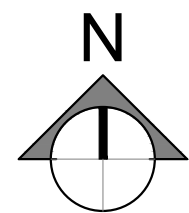
- CONNECT FAN TO LIGHTING CIRCUIT IN SAME SPACE. FAN SHALL START WHEN LIGHTS TURN ON.
- COORDINATE SERVICE REQUIREMENTS AND CONSTRUCTION SCHEDULE WITH LOCAL POWER COMPANY REPRESENTATIVE PRIOR TO ROUGH-IN.
- PROVIDE CONNECTION TO HEAT TRACE TAPE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH M-SHEETS AND INSTALLER.
- PROVIDE CONNECTION AND APPROPRIATE ROUGH-IN FOR DOOR MAGLOCK SYSTEM. COORDINATE WITH LOCK INSTALLER PRIOR TO ROUGH-IN.
- STUB-OUT (3) 1" C. FROM PANEL TO POINT 5' OUTSIDE BUILDING FOOTPRINT FOR FUTURE SITE LIGHTING CIRCUITS. PROVIDE CONCRETE STEPPING STONE AT END OF STUB TO MARK LOCATION.



3 ONE-LINE DIAGRAM
E-100 SCALE: NTS



1 HVAC PLAN
M-100 SCALE: 1/4"=1'-0"



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Consultants, LLC



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER, IN ANY WAY, IF ANY, THE SEALING, STAMP OR SIGNATURE OF A LICENSED PROFESSIONAL. IF THE SEALING, STAMP OR SIGNATURE OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CITY OF AUGUSTA
MAY PARK
RICHMOND COUNTY, GA

No.	Submittal / Revision	App'd	By	Date
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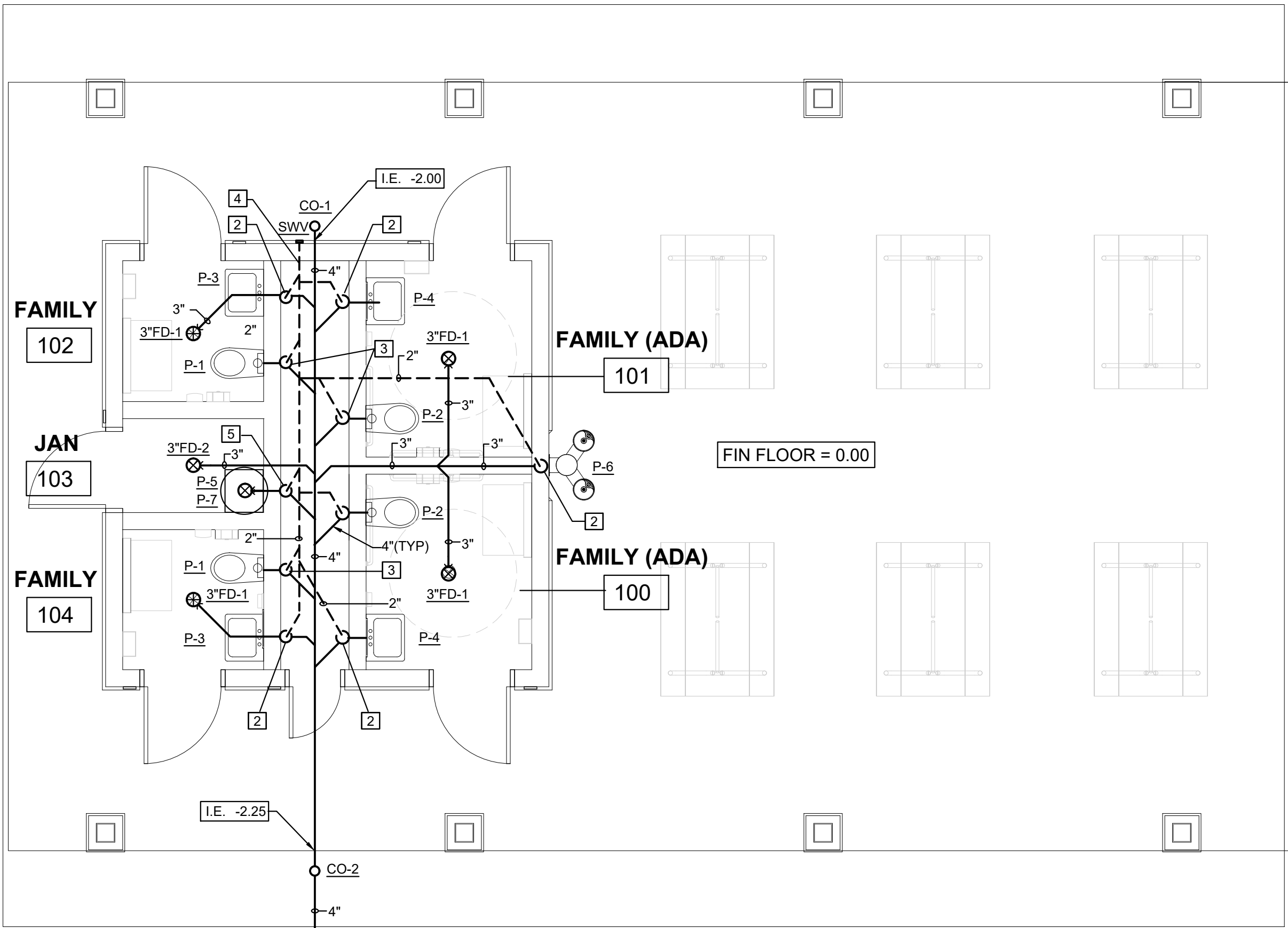
	100% CD	CAB	01/30/2026
	PERMIT SET	CAB	11/21/2025

HVAC PLAN

Designed By:	Drawn By:	Checked By:
CAB	TAG	CAB
Issue Date:	Project No:	Scale:
10/09/2025	080083	AS SHOWN

Drawing No:

M-100



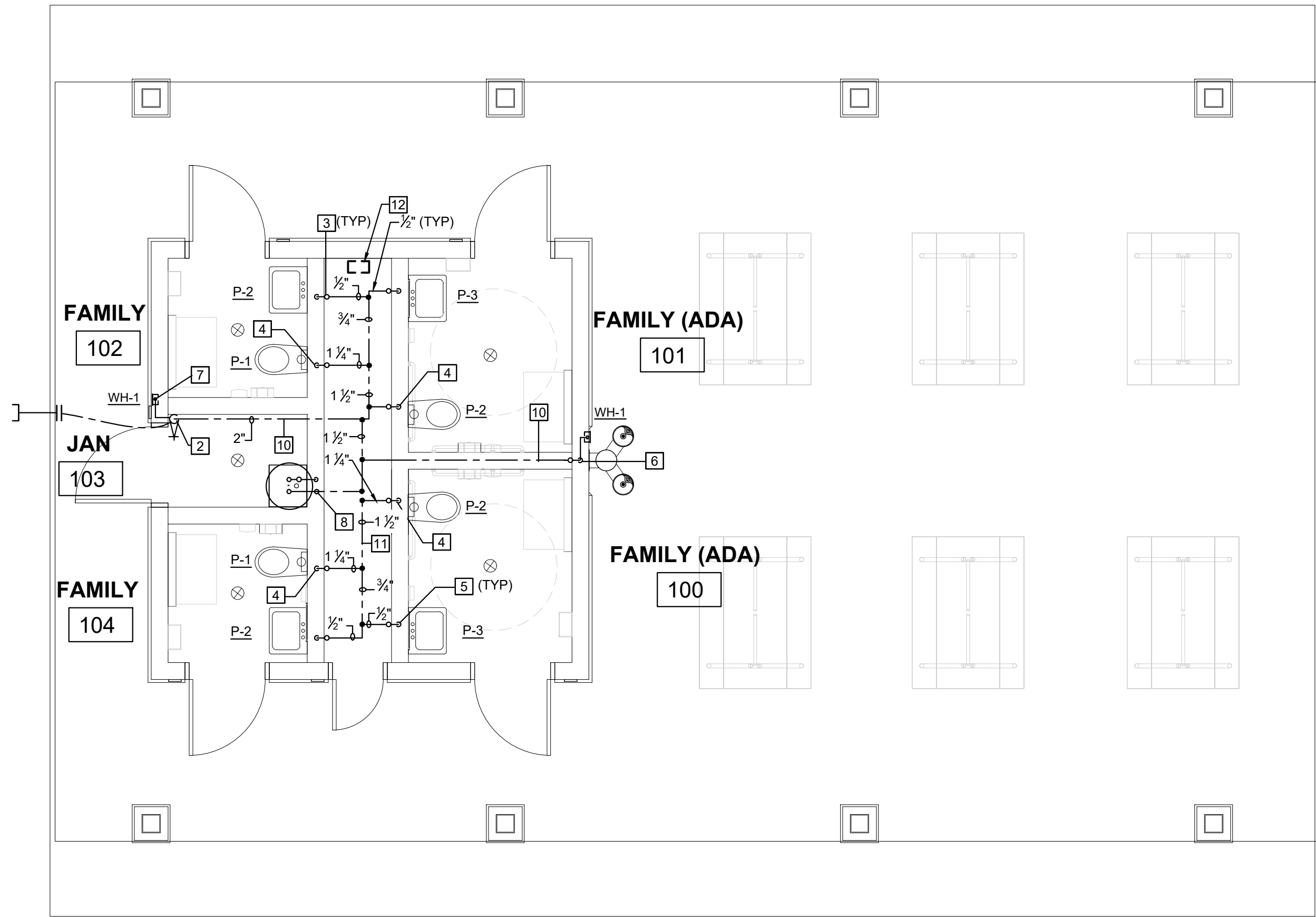
WASTE AND VENT PIPING KEY NOTES:

- 1 EXTEND TO 5'-0" BEYOND SLAB AND PROVIDE TEMPORARY CAP. CONTINUATION BY OTHERS.
- 2 2" WASTE, 2" VENT
- 3 4" WASTE, 2" VENT
- 4 EXTEND VENT PIPING TO NEW SIDEWALL VENT (SWV). VENT SHALL BE AS HIGH AS POSSIBLE.
- 5 2" VENT

NOTE: ALL VENTS SHALL BE EXTENDED THRU ROOF AND SHALL MAINTAIN 10'-0" CLEARANCE FROM FRESH AIR INTAKES. (TYPICAL)

1 WASTE & VENT PIPING PLAN

P-100 SCALE: 1/4" = 1' - 0"



WATER PIPING KEY NOTES:

- 1 EXTEND TO 5'-0" BEYOND BUILDING AND PROVIDE TEMPORARY CAP. CONTINUATION BY OTHERS.
- 2 2" CW UP. PROVIDE GATE VALVE ON RISER ± 12" A.F.F. WITH WALL HYDRANT 18" A.F.G. SEE DETAIL 10/P-200.
- 3 INDICATES NEW SHOCK ABSORBER (SA) "X". UNLESS NOTED ON DRAWINGS, SIZE SHALL BE "A". PROVIDE BALL VALVE ON CONNECTION TO SA. SEE DETAIL 7/P-200.
- 4 1 1/2" CW DOWN AND THRU WALL TO WATER CLOSET.
- 5 1/2" CW DOWN AND THRU WALL TO LAVATORY.
- 6 3/4" CW DOWN. PROVIDE 1/2" CW DOWN TO DRINKING FOUNTAIN. PROVIDE 3/4" CW DOWN TO WALL HYDRANT.
- 7 3/4" CW DOWN TO WALL HYDRANT.
- 8 3/4" CW DOWN TO MOP RECEPTOR AND WATER HEATER. SEE DETAIL 9/P-101. PROVIDE CHECK VALVES ON SUPPLIES TO MOP RECEPTOR.
- 9 ROUTE 2" CW PIPING UNDERSLAB WITH CONTINUOUS TYPE "L" SOFT COPPER.
- 10 FURNISH HEAT TRACE ON PIPING IN UNHEATED SPACES. HEAT TRACE SHALL BE 3 WATTS/LF AND INSTALLED IN ACCORDANCE CHROMOLOX INSTALLATION MANUAL.
- 11 WATER PIPING BELOW CEILING.
- 12 UNIT HEATER, UNDER MECHANICAL SEE "M" DRAWINGS.

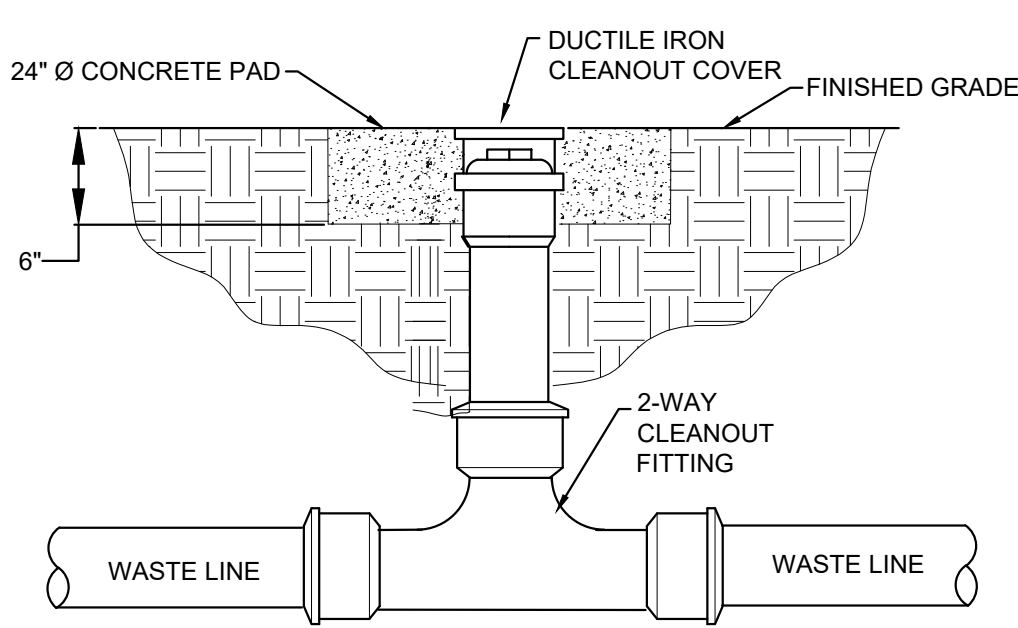
2 WATER PIPING PLAN

P-100 SCALE: 1/4" = 1' - 0"

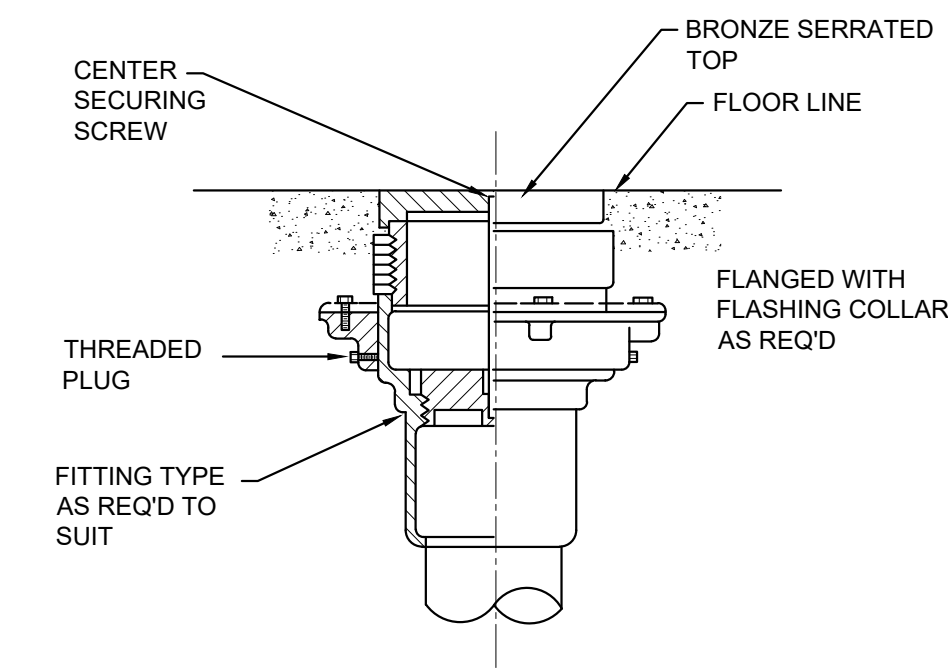
4' 0' 4' 8' 12' 16'

GRAPHIC SCALE IN FEET

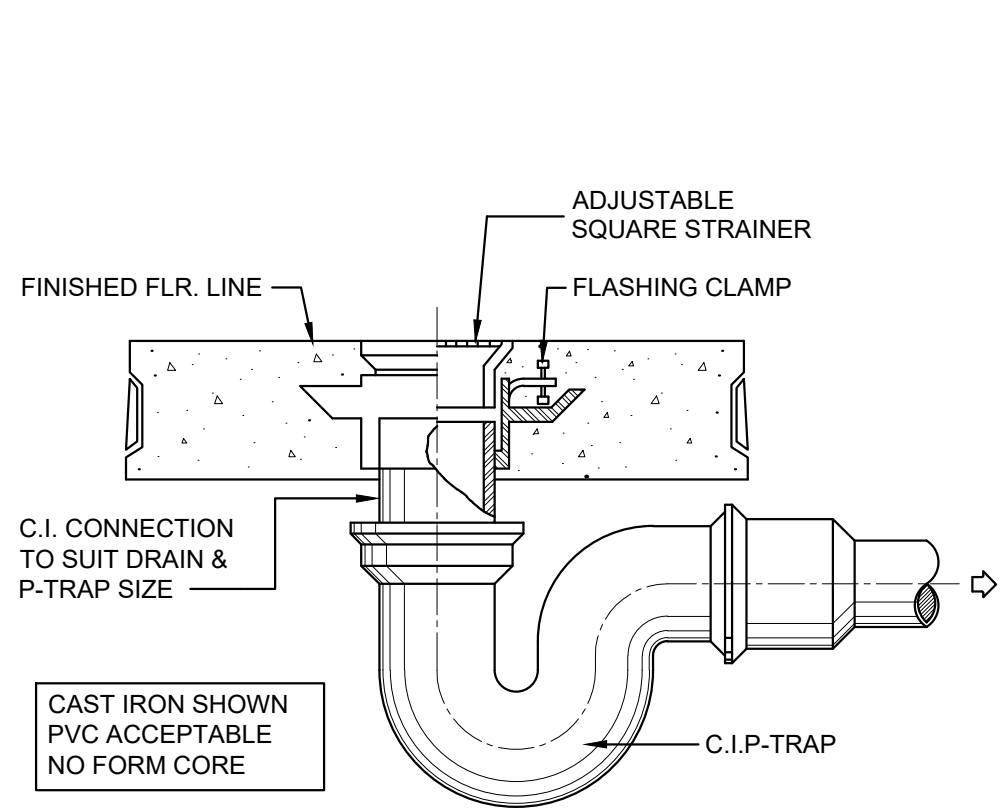
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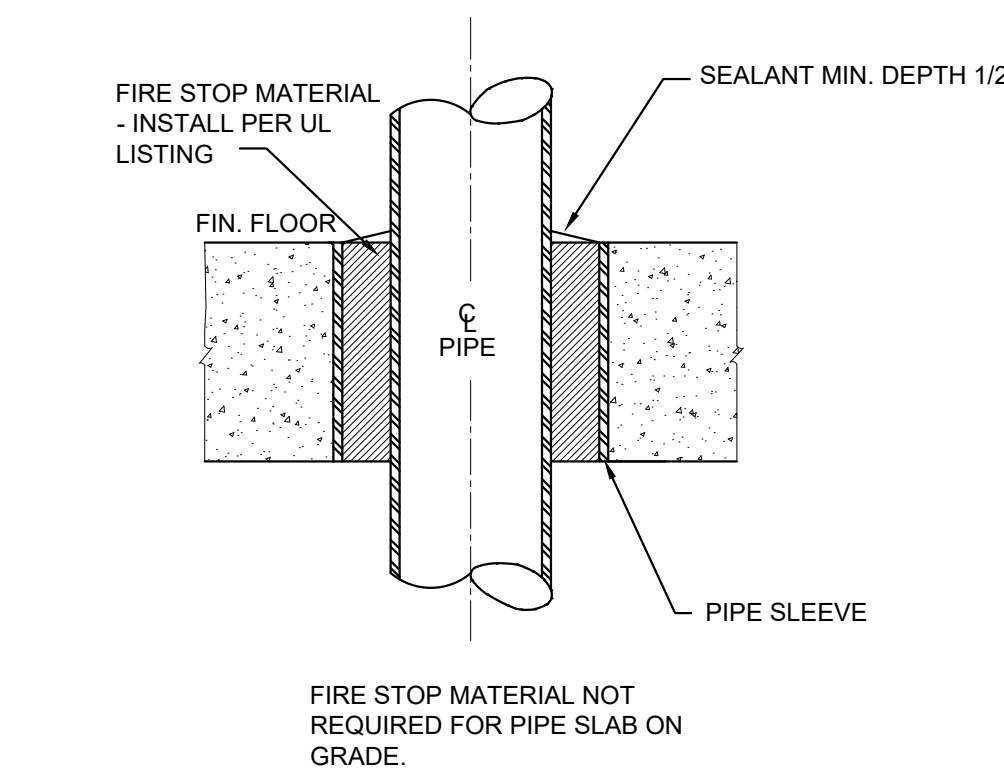
1 EXTERIOR CLEANOUT DETAIL
P200 NOT TO SCALE



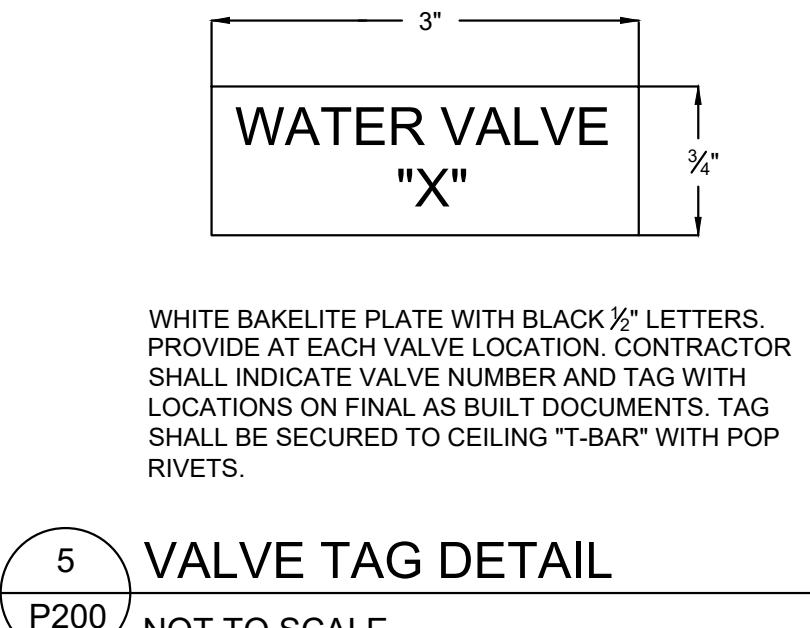
2 INTERIOR CLEANOUT DETAIL
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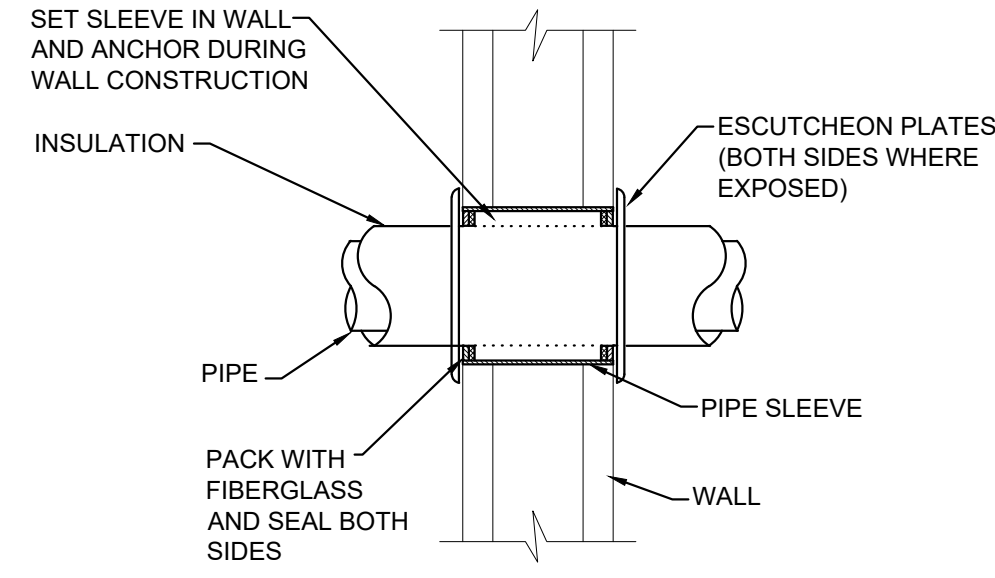
3 TYPICAL FLOOR DRAIN DETAIL
P200 NOT TO SCALE



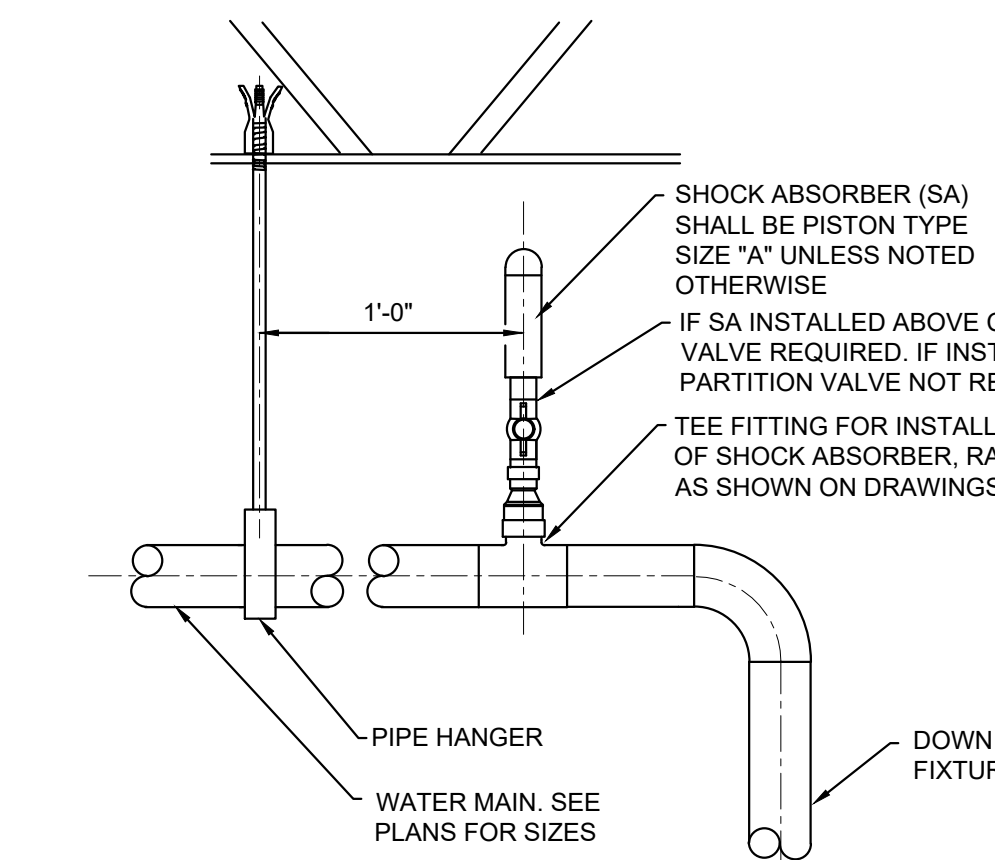
4 PIPE THRU FLOOR SLAB DETAIL
P200 NOT TO SCALE



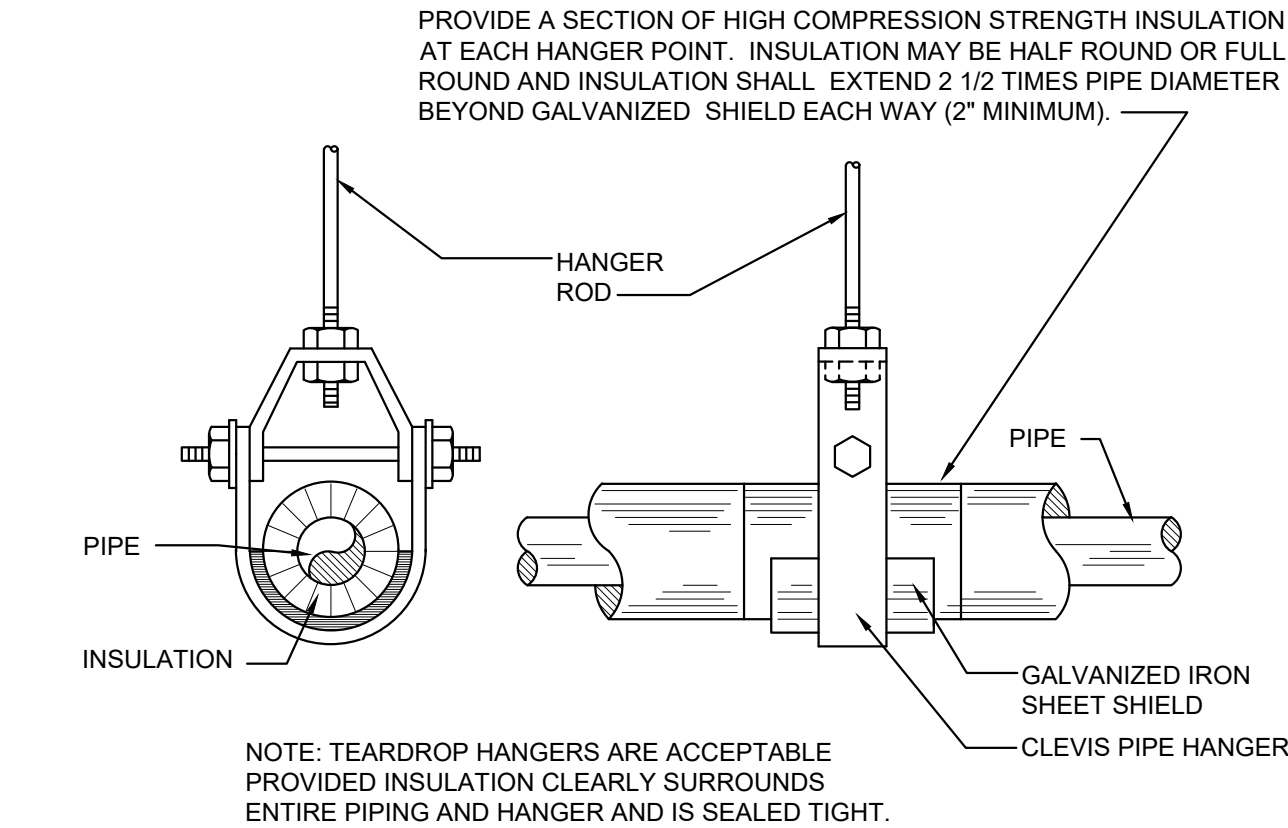
5 VALVE TAG DETAIL
P200 NOT TO SCALE



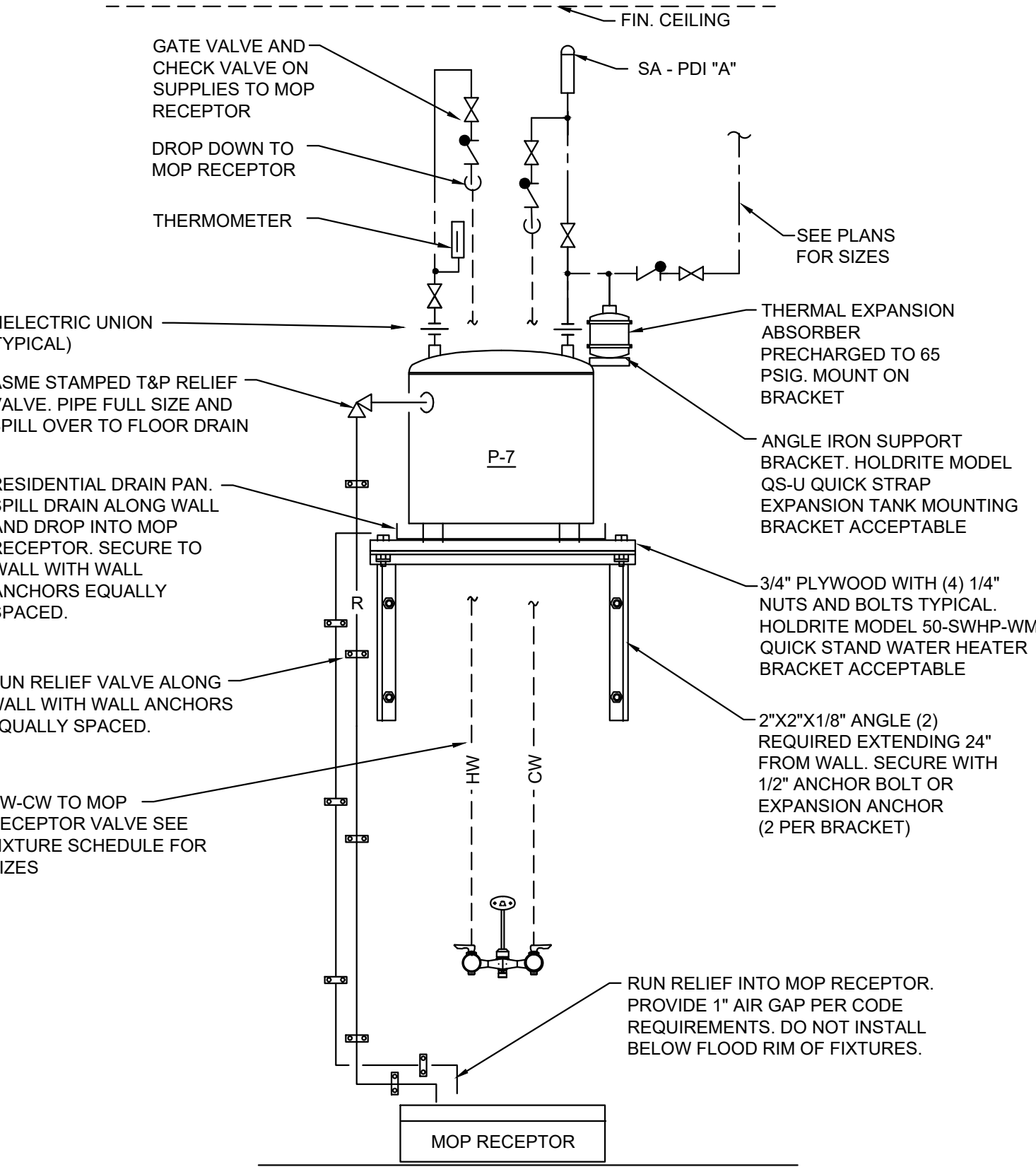
6 PIPE SLEEVE THRU WALL DETAIL
P200 NOT TO SCALE



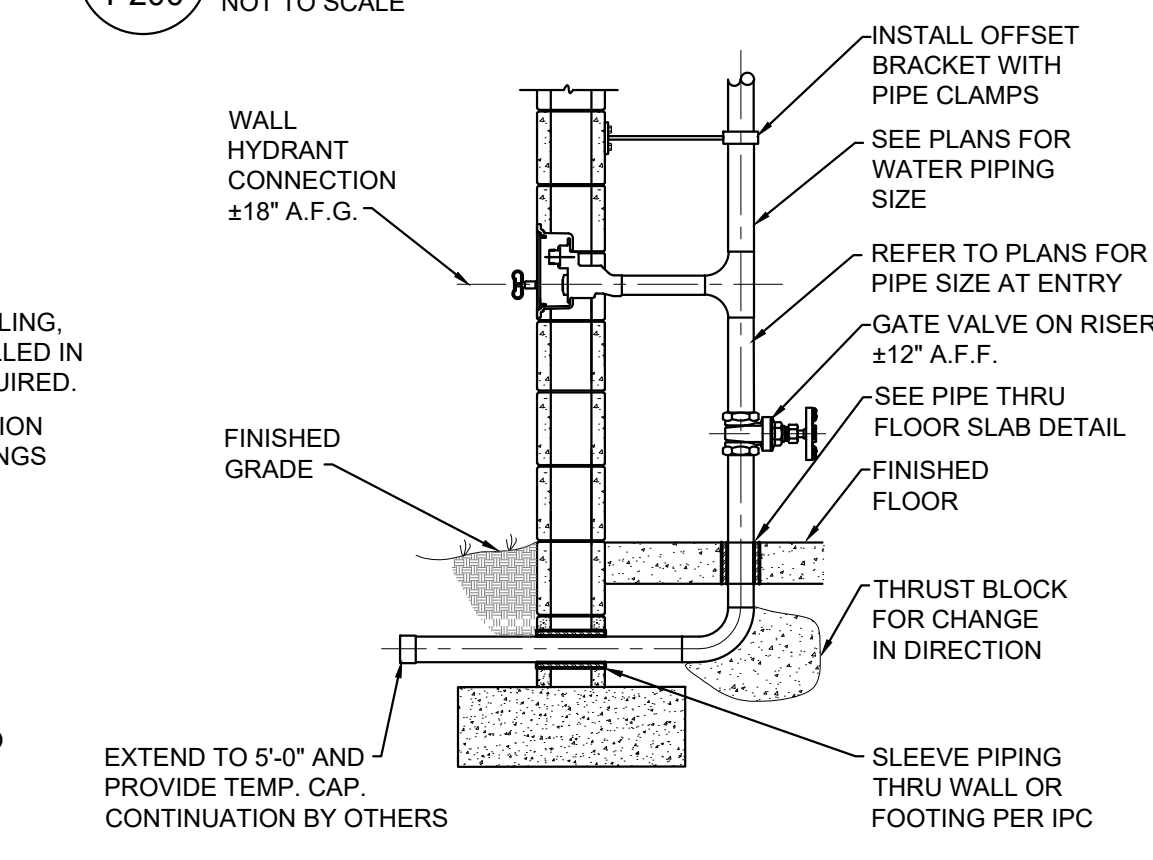
7 SHOCK ABSORBER DETAIL
P200 NOT TO SCALE



8 PIPE HANGER DETAILS
P200 NOT TO SCALE FOR PIPE 2 1/2" AND SMALLER



9 PLATFORM WATER HEATER DETAIL
P200 NOT TO SCALE



10 WATER RISER DETAIL
P200 NOT TO SCALE

PLUMBING FIXTURE SCHEDULE									
SYM	FIXTURE	PIPE SIZES				RIM HGT	MTG HGT	DESCRIPTION (AM. STD. REFERENCED)	
		W	V	CW	HW				
P-1	TOILET	4"	2"	1 1/4"	--	15"		ACORN DURA-WARE 2105-W-1-1-28-FVBO-HPS; SS SIPHON JET TOILET, REAR OUTLET AND INTEGRAL SEAT. CONCEALED SLOAN ROYAL #152-128-10-3/4-LDIM FLUSH VALVE. JR SMITH 0230Y FIXTURE SUPPORT.	1
P-2	TOILET H/C	4"	2"	1 1/4"	--	ADA		SAME AS P-1 WITH ADA MOUNTING HEIGHT.	1
P-3	LAVATORY	2"	2"	1/2"	--	27"		ACORN PENAL-WARE 1652-1-BP-LW1; SS LAVATORY, THRU-WALL WASTE EXTENSION, SUPPLIES, STOPS, AND WASTE. JR SMITH 801 FIXTURE SUPPORT.	1 2
P-4	LAVATORY H/C	2"	2"	1/2"	--	ADA		SAME AS P-3 WITH ADA MOUNTING HEIGHT.	1 2
P-5	MOP RECEPTOR	3"	2"	1/2"	1/2"	V.A. 41"		FIAT MSB 2424; 830-AA FAUCET, 833-AA HOSE & BRACKET, 889-CC HANGAR, AND E-88-AA SS GUARD.	
P-6	OUTDOOR DRINK FOUNTAIN	2"	2"	1/2"	--	--		ELKAY LK4406; HEAVY DUTY, VANDAL RESISTANT NON-FILTERED, NON-REFRIGERATED FOUNTAIN. COLOR TO BE SPEC'D BY ARCHITECT.	
P-7	WATER HEATER	--	--	3/4"	3/4"	--		A.O. SMITH DEL-10, 10 GAL, 3KW, 208/1Ø. COORDINATE WITH ELECTRICAL.	
SWV	SIDEWALL VENT	3"	--	--	--	--		J.R. SMITH, 9005 FRESH AIR VENT	
FD-1	FLOOR DRAIN (GENERAL)	3"	--	--	--	--		WATTS FD-100-A	3 4
FD-2	FLOOR DRAIN (MECH.RM)	3"	--	--	--	--		WATTS FD-100-ER	4
WH-1	WALL HYDRANT	--	--	3/4"	--	12" INT 18" EXT		WATTS HY-330	
CO-1	CLEAN OUT EXTERIOR	4"	--	--	--	--		WATTS CO-360	
CO-2	CLEANOUT EXTERIOR	4"	--	--	--	--		WATTS CO-380, PROVIDE TWO WAY FITTING	

PLUMBING FIXTURE KEY NOTES:	
(1) MOUNT AT ADA HEIGHT. ADA SHALL CONFORM TO ACCESSIBILITY CODE. REFER TO CODE FOR GUIDANCE. WHERE CONFLICTS ARISE BETWEEN ARCHITECTURAL DRAWINGS AND MECHANICAL DRAWINGS, ARCHITECTURAL DRAWING SHALL GOVERN.	
(2) PROVIDE PROTECTIVE PIPE COVERS FOR ALL HANDICAP LAVATORIES	
(3) PROVIDE 7" STRAINER ON 3" DRAIN AND 9" STRAINER ON 4" DRAINS. PROVIDE SUFFIX "M" (SQUARE TOP) FOR QUARRY TILE AND CERAMIC TILE FLOORS AND SUFFIX "A" (ROUND TOP) FOR ALL OTHER FLOORS.	
(4) PROVIDE TRAP GUARDS ON ALL HUB DRAINS AND FLOOR DRAINS. IF APPROVED BY LOCAL AHJ. IF NOT APPROVED PROVIDE TRAP PRIMERS	
GENERAL PLUMBING NOTES	
1. EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS. LARGE SCALE ARCHITECTURAL DETAILS AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.	
2. INVERT ELEVATIONS SHOWN SHALL BE VERIFIED ON THE JOB BEFORE INSTALLING ANY NEW PIPE.	
3. INSTALL TEST-TEES WHEN SANITARY SEWER SYSTEM IS TO BE TESTED IN SECTIONS.	
4. PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). EXACT LOCATION SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK. RISERS FOR FIXTURES, UNLESS OTHERWISE NOTED, SHALL BE CONCEALED IN WALLS OR PIPE CHASES.	
5. MINIMUM SIZE WATER LINE FOR ANY TWO FIXTURES SHALL BE 3/4". REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUNOUT SIZES.	
6. INSTALL UNDERGROUND WATER LINE(S) ABOVE SOIL AND WASTE LINE(S). WATER LINE SAME TRENCH WITH SOIL OR WASTE LINE SHALL BE INSTALLED ON AN UNDISTURBED EARTH LEDGE WITH BOTTOM OF WATER LINE 12" (MIN) ABOVE TOP OF SOIL OR WASTE LINE. IPC CODE REQUIREMENTS SHALL GOVERN FINAL INSTALLATION.	
7. INSTALL ALL EXTERIOR WALL HYDRANTS 18" ABOVE FINISH GRADE (A.F.F.) EXCEPT AS NOTED OTHERWISE.	
8. PROVIDE A MINIMUM COVER OF 24" FOR ALL LINES EXCEPT AS NOTED OTHERWISE ON CONTRACT DRAWINGS.	
9. PROVIDE SLEEVES PER IPC REQUIREMENTS FOR PIPE PASSING THRU FLOOR, MASONRY WALLS AND FIRE OR SMOKE PARTITIONS. PACK ANNULAR SPACE BETWEEN PIPE WITH MATERIAL APPROVED IN U.L. BUILDING DIRECTORY OR AS DIRECTED BY IPC OR IBC REQUIREMENTS.	
10. INSTALL INTERIOR HOSE BIBBS 18" ABOVE FINISHED FLOOR (A.F.F.) EXCEPT AS NOTED OTHERWISE. WHERE HOSE BIBBS ARE INSTALLED ADJACENT TO FIXTURES STOPS. INSTALL HOSE BIBBS AT SAME CENTERLINE ELEVATIONS AS FIXTURE STOPS.	
11. REFER TO ARCHITECTURAL FINISH SCHEDULE AND ELEVATIONS FOR DETAILS OF FLOOR WHERE FLOOR DRAINS ARE TO BE INSTALLED.	
12. IT SHALL BE CONTRACTORS RESPONSIBILITY TO COORDINATE THIS INSTALLATION WITH THAT OF OTHER TRADES TO ENSURE COMPLETE INSTALLATION. CONTRACTOR SHALL VERIFY ROUTING OF ALL PIPING AND ADJUST AS NECESSARY TO AVOID CONFLICTS WITH THAT OF OTHER TRADES AND OR STRUCTURAL MEMBERS.	

PLUMBING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
----	VENT	VTR	VENT THRU ROOF
----	WASTE OR SANITARY SEWER	+	BALL VALVE
----	COLD WATER	+	CHECK VALVE
TYP.	TYPICAL	+	SHUTOFF VALVE
U.O.N.	UNLESS OTHERWISE NOTED	PDI "X"	SHOCK ABSORBER
		CO	CLEANOUT
		FD	FLOOR DRAIN

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CITY OF AUGUSTA
MAY PARK
RICHMOND COUNTY, GA

No.	Submital / Revision	App'd By	Date

100% CD	CAB	01/30/2026
PERMIT SET	CAB	11/21/2025

PLUMBING SCHEDULE,
NOTES, LEGEND, & DETAILS

Designed By: RFS	Drawn By: RFS	Checked By: CAB
Issue Date: 10/09/2025	Project No: 080083	Scale: AS SHOWN

Drawing No:
P-200

GENERAL STRUCTURAL NOTES:

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, AND ELECTRICAL DRAWINGS, AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER DISCIPLINES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, PENETRATIONS, AND OTHER ADDITIONAL ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

2. WHERE SECTION IS SHOWN AND DETAILED, OTHER SECTIONS OR SIMILAR CONDITION SHALL BE DETAILED THE SAME OR OPPOSITE HAND, WHETHER SPECIFICALLY NOTED OR NOT.

3. ENGINEER'S APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS. SUCH APPROVAL MAY ALSO BE WITHHELD AT THE SOLE DISCRETION OF THE ENGINEER.

4. THE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE FOLLOWING:

a. INTERNATIONAL BUILDING CODE, 2021 EDITION (IBC 2021).

b. AMERICAN SOCIETY OF CIVIL ENGINEERS, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES," 2022 EDITION (ASCE 7-22).

c. UNIFIED FACILITIES CRITERIA (UFC) 3-301-01, "STRUCTURAL ENGINEERING," DATED 1 OCTOBER, 2019.

5. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL PERMANENT SUPPORTS AND LATERAL BRACING ARE IN PLACE.

6. DESIGN LOADS USED IN THE DESIGN OF THE STRUCTURAL SYSTEMS IN THIS PROJECT ARE AS FOLLOWS:

a. RISK CATEGORY

II

b. DEAD LOAD:
ROOF (INCLUDING FRAMING SELF WT.)

2 psf

c. LIVE LOAD:
ROOF
COLLATERAL
SLAB-ON-GRADE

20 psf
2 psf
100 psf

d. ROOF SNOW LOAD:
GROUND SNOW LOAD, p_g

5.0 psf

e. WIND DESIGN CRITERIA:
EXPOSURE CATEGORY
BASIC WIND SPEED, V
INTERNAL PRESSURE COEFFICIENT, GC_p
INTERIOR WIND LOADING (PARTITIONS)

C
110 mph
 ± 0.18
OPEN STRUCTURE

f. SEISMIC DESIGN CRITERIA:
SPECTRAL RESPONSE ACCELERATION:
 S_s (SHORT PERIOD (0.2 SECOND))
 S_1 (LONG PERIOD (1.0 SECOND))
 S_{DS} (SHORT PERIOD (0.2 SECOND))
 S_{D1} (LONG PERIOD (1.0 SECOND))
SITE CLASS
SEISMIC DESIGN CATEGORY
LATERAL FORCE RESISTING SYSTEM

0.38 g
0.11 g
0.29 g
0.15 g
CLASS D (DEFAULT)
C
STEEL SYSTEM NOT SPECIFICALLY DEISGNE
FOR SEISMIC RESISTANCE

IMPORTANCE FACTOR, I_e
RESPONSE MODIFICATION COEFFICIENT, R
SEISMIC RESPONSE COEFFICIENT, C_D
ANALYSIS PROCEDURE:

1.0
3.0
3.0
EQUIVALENT LATERAL FORCE

7. ALL VERTICAL ELEVATIONS ARE BASED ON THE FINISHED FLOOR ELEVATION = 0'-0"

FOUNDATION

1. FOUNDTATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE REPORT OF GEOTECHNICAL EXPLORATION SUBMITTED BY CSRA TESTING AND ENGINEERING CO., INC., DATED JULY 3, 2025.

2. THE FOUNDATIONS FOR THE PEMB STRUCTURES HAVE BEEN DESIGNED AS SHALLOW SPREAD FOOTINGS WITH A MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 1500 psf.

3. IN PREPARATION OF CONSTRUCTIONS OF THE FOUNDATIONS AND GRADE SLABS, ALL TOPSOIL, VEGETATION AND SURFACE AND SURFACE SOILS SHALL BE REMOVED FROM THE CONSTRUCTION SITE. AFTER REMOVAL OF THE TOPSOIL, THE UPPER 1 FT OF SOIL SHALL BE UNDERCUT AND THE NEWLY EXPOSED SURFACE SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY. THE UNDERCUT SOILS CAN BE REPLACED AND RECOMPACTED.

4. AFTER UNDERCUTTING AND DESIFICATION, AND PRIOR TO EXCAVATION OF FOUNDATIONS OR PLACEMENT OF STRUCTURAL FILLS, THE SURFACE SHALL BE PROOFROLLED TO ENSURE STABLE CONDITIONS. AFTER EXCAVATIONS OF FOUNDATIONS, THE FOOTING SUBGRADE SHALL BE COMPACTED USING A JUMP JACK PRIOR TO CONCRETE PLACEMENT.

5. ALL PROOFROLLING OPERATIONS SHALL BE OBSERVED AND DOCUMENTED THE CONSTRUCTION TESTING AGENCY. IF UNSUITABLE CONDITIONS ARE ENCOUNTERED AT THE SUBGRADE LEVEL,, RECOMMENDATIONS FOR DEALING WITH THE CONDITIONS SHOULD BE PROVIDED TO THE OWNER'S REPRESENTATIVE BY THE GEOTECHNICAL ENGINEER. ANY EXCESSIVLEY WET SOILS ENCOUNTERED SHOULD BE ALLOWED TO DRY AND STABILIZE OR TO BE EXCAVATED AND REPLACED WITH PROPERLY COMPACTED FILL.

CAST-IN-PLACE CONCRETE

1. CAST-IN-PLACE CONCRETE FOR THIS PROJECT SHALL COMPLY WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND COMMENTARY" ACI 318-19 AND ACI 318R-19.

2. CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

AREA	WEIGHT	STRENGTH @ 28 DAYS	AIR CONTENT	MAX. W/C RATIO	NOMINAL MAX. AGG. SIZE
FOUNDATIONS	145 pcf	4000 psi	0%	N/A	1"

3. AN INTENTIONALLY ROUGHENED SURFACE MAY BE USED INSTEAD OF A CONTINUOUS SHEAR KEY AT ALL HORIZONTAL CONSTRUCTION JOINTS.

4. ALL EXPOSED CONCRETE EDGES SHALL HAVE 3/4" CHAMFER, WHETHER SPECIFICALLY NOTED OR NOT.

5. ALL ANCHOR RODS SHALL BE BLACK AS NOTED ON DESIGN DRAWINGS.

6. CONCRETE FORM WORK SHALL COMPLY WITH ACI 347, LATEST EDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL FORMWORK.

7. DURING AND IMMEDIATELY AFTER PLACING, CONCRETE SHALL BE THOROUGHLY COMPACTED BY SPADING OR MECHANICAL VIBRATING TO PROVIDE DENSE CONCRETE FREE OF HONEY COMBING.

8. DIRECTLY AFTER FORMS HAVE BEEN REMOVED, ALL EXPOSED TIE WIRES AND STAPLED ENDS SHALL BE REMOVED FROM CONCRETE SURFACES TO BE EXPOSED. CUT TIES FLUSH WITH FINISHED SURFACES FOR ALL OTHER CONCRETE. RUB SMOOTH OR CUT OFF FINS AND ROUGH PLACES. REMOVE ALL LOOSE CONCRETE AND OTHER IRREGULARITIES. PATCH AND FILL VOIDS WITH BONDING AGENT AS REQUIRED.

CONCRETE REINFORCEMENT:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615 SUPPLEMENT SI, GRADE 60, OF DOMESTIC MANUFACTURER.

2. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185. WELDED WIRE REINFORCEMENT SHALL BE SUPPLIED IN FLAT SHEETS ONLY. LAP 9" MINIMUM.

3. REINFORCEMENT SHALL BE FABRICATED TO SHAPES AND DIMENSIONS SHOWN AND SHALL CONFORM TO THE REQUIREMENTS OF CRSI AND ACI 318. REINFORCEMENT SHALL BE COLD BENT UNLESS OTHERWISE AUTHORIZED. BENDING MAY BE ACCOMPLISHED IN THE FIELD OR AT THE MILL. BARS SHALL NOT BE BENT AFTER EMBEDDED IN CONCRETE.

4. REINFORCEMENT SHALL BE FREE FROM LOOSE RUST AND SCALE, DIRT, OIL, OR OTHER DELETERIOUS COATING THAT COULD REDUCE BOND WITH THE CONCRETE.

5. NO SPLICES OF REINFORCEMENT SHALL BE PERMITTED EXCEPT AS DETAILED OR AUTHORIZED. MAKE BARS CONTINUOUS AROUND CORNERS WITH CORNER BARS. WHERE PERMITTED, SPLICES MADE BY CONTACT LAPS SHALL BE CLASS "B" TENSION LAPS.

6. TENSION AND COMPRESSION REINFORCEMENT SPLICES IN CONCRETE SHALL BE MADE AS FOLLOWS:

3000 PSI CONC	3500 PSI CONC	4000 PSI CONC	4500 PSI CONC
#4 BARS - 37"	#4 BARS - 35"	#4 BARS - 33"	#4 BARS - 31"
#5 BARS - 46"	#5 BARS - 43"	#5 BARS - 41"	#5 BARS - 38"
#6 BARS - 56"	#6 BARS - 52"	#6 BARS - 49"	#6 BARS - 46"
#7 BARS - 81"	#7 BARS - 75"	#7 BARS - 71"	#7 BARS - 67"

7. WHERE HOOKS ARE SHOWN, PROVIDE STANDARD 90° HOOKS IN ACCORDANCE WITH CRSI AND ACI 318, UNLESS NOTED OTHERWISE.

8. WHERE REQUIRED, PROVIDE DOWELS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING FROM FOUNDATION. DOWELS SHALL HAVE STANDARD 90° HOOKS.

9. MINIMUM CONCRETE REINFORCING COVER REQUIREMENTS:

	CAST-IN-PLACE CONCRETE COVER
a. CONCRETE CAST AGAINST EARTH:	3"
b. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER: WALLS, SLABS: #6 BAR AND LARGER #5 BAR AND SMALLER	2" 1½"
c. FORMED CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: WALLS, SLABS: #11 BAR AND SMALLER	¾"

10. ALL REINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND WELD PLATES SHALL BE PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.

11. DETAIL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL-2004", PUBLICATION SP-66, ACI 318, AND ACI 315, OR LATEST EDITIONS.

12. PROVIDE ACCESSORIES NECESSARY TO PROPERLY SUPPORT REINFORCING AT POSITIONS SHOWN ON PLANS

PRE-ENGINEERED METAL BUILDING SYSTEMS

1. METAL BUILDING SYSTEMS FOR THIS PROJECT SHALL BE DESIGNED IN ACCORDANCE WITH THE METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA) METAL BUILDING SYSTEMS MANUAL - 2018, IBC 2021, AND THE LOADS SHOWN IN GENERAL NOTES SECTION B. WHERE THERE IS A DISCREPANCY IN DESIGN LOAD REQUIREMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER FOR THE DESIGN OF METAL BUILDING SYSTEMS, INCLUDING DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE.

3. THE METAL BUILDING FOUNDATIONS HAVE BEEN DESIGNED FOR THE MAXIMUM COLUMN REACTIONS PROVIDED ON THE PRELIMINARY PEMB SHOP DRAWINGS.

4. STEEL FRAMING SHALL BE FABRICATED AND ERECTED TO BE ELECTRICALLY CONTINUOUS FOR LIGHTNING PROTECTION.

CONCRETE MASONRY

1. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90, TYPE II, TWO CELL UNITS. AND BE MADE WITH NORMAL WEIGHT AGGREGATE. THE COMPRESSIVE STRENGTH OF MASONRY, f_m , EXPRESSED AS FORCE PER UNIT OF NET CROSS-SECTIONAL AREA, SHALL BE 2000 PSI AT 28 DAYS.

2. REINFORCING STEEL SHALL COMPLY WITH ASTM A 615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED.

3. GROUT SHALL COMPLY WITH ASTM C 476, AND SHALL BE PROPORTIONED TO OBTAIN A 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.

4. MORTAR SHALL COMPLY WITH ASTM C270, TYPE S. AGGREGATE FOR MORTAR SHALL COMPLY WITH ASTM C 144. AGGREGATE FAILING TO COMPLY WITH ASTM C 144 GRADATION REQUIREMENTS MAY BE USED PROVIDED THE MORTAR CAN BE PREPARED TO COMPLY WITH THE AGGREGATE RATIO, WATER RETENTION, AND COMPRESSIVE STRENGTH REQUIREMENTS OF THE PROPERTY SPECIFICATIONS ASTM C 270.

5. PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING SHOWN ON THE DRAWINGS. TENSIONS AND COMPRESSION REINFORCEMENT SPLICES IN CONCRETE SHALL BE MADE AS FOLLOWS:

#4 BARS - 28"

#5 BARS - 35"

#6 BARS - 46"

#7 BARS - 63"

6. PROVIDE AT LEAST ONE VERTICAL BAR EACH SIDE OF ALL OPENINGS, CONTROL JOINTS, AND AT CORNERS AND INTERSECTIONS OF ALL MASONRY WALLS, BOTH BEARING AND NONBEARING WALLS.

7. PROVIDE REBAR DOWELS FROM THE FOUNDATION OF THE SAME SIZE AND SPACING AS VERTICAL REINFORCING. DOWELS SHALL HAVE STANDARD A.C.I. HOOKS. DOWELS SHALL HAVE A MINIMUM LAP AS SHOWN ON THE DRAWINGS.

8. PROVIDE STANDARD 9 GAUGE HORIZONTAL JOINT REINFORCING IN CMU WALLS AT 16" ON CENTER AND IN TWO JOINTS IMMEDIATELY ABOVE AND BELOW ALL OPENINGS, EXTENDING A MINIMUM OF 2'-0" OR 48 BAR DIAMETERS, WHICHEVER IS GREATER, BEYOND THE JAMB ON EACH SIDE OF THE OPENING, EXCEPT AT CONTROL JOINTS.

9. PROVIDE HORIZONTAL BOND BEAMS WITH CONTINUOUS REINFORCING AS SHOWN IN THE SECTIONS AND DETAILS. DISCONTINUE ALL HORIZONTAL REINFORCING AT CONTROL JOINTS EXCEPT FOR THE BOND BEAM AT THE TOP OF THE WALL. INTERMEDIATE BOND BEAMS SHALL BE PROVIDED AS SHOWN.

10. PROVIDE 8" BOND BEAM (MINIMUM DEPTH UNLESS NOTED OTHERWISE) AT TOP OF ALL CMU WALLS AND OVER OPENINGS. REINFORCE BOND BEAM WITH (2) #5 BARS. DISCONTINUE ALL HORIZONTAL REINFORCING AT CONTROL JOINTS. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR LOCATIONS OF OPENINGS.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER OR ALTER IN ANY WAY, IF AFTER BEARING THE STAMP OF A LICENSED PROFESSIONAL, IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CITY OF AUGUSTA MAY
PARK RICHMOND
COUNTY, GA

No.	Submitted / Revision	App'd By	Date
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1	100% CD		01/30/2026
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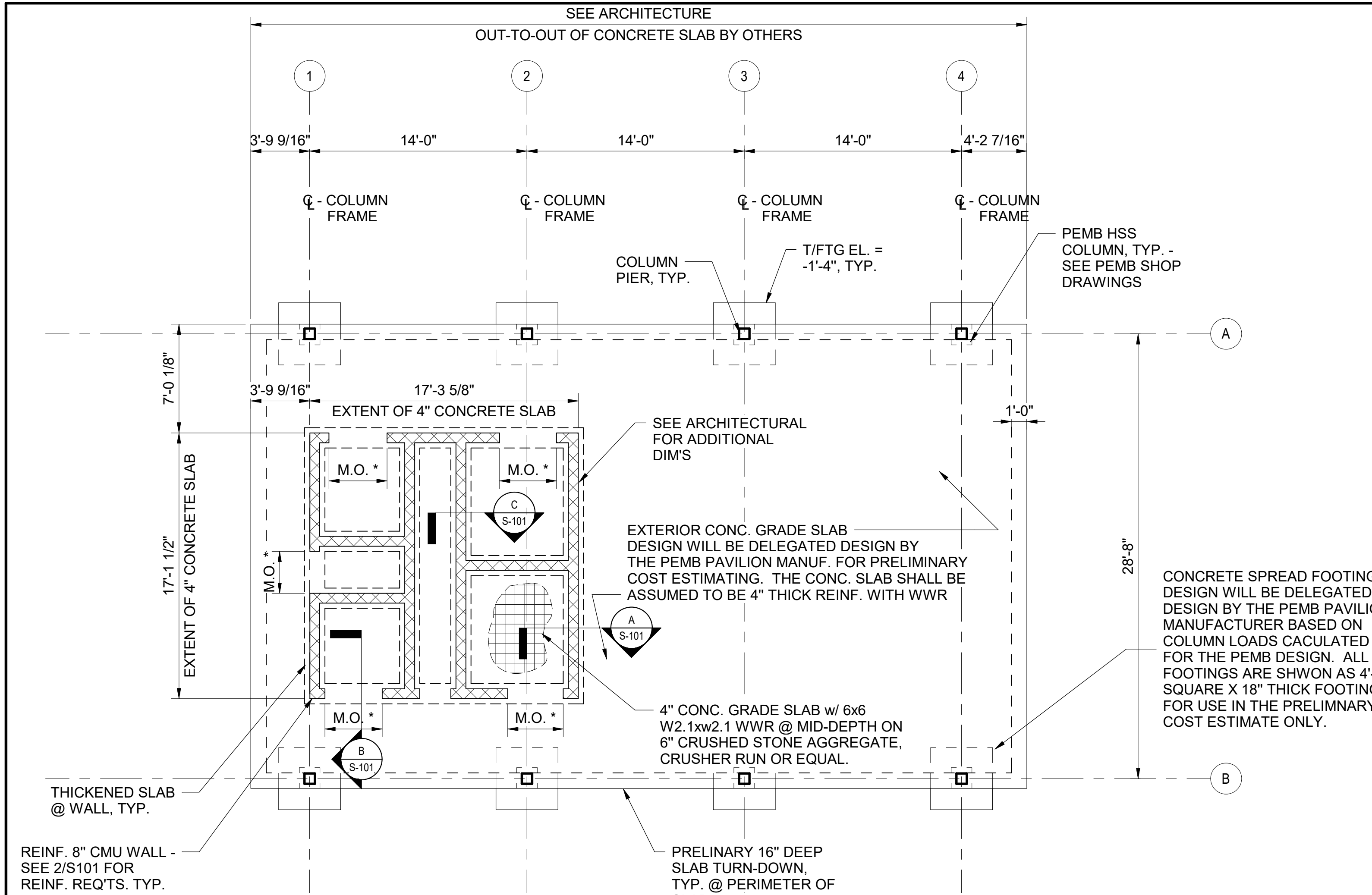
STRUCTURAL NOTES

Designed By: JSMITH	Drawn By: GJONES	Checked By: JSMITH
Issue Date: 01/30/2026	Project No: SAV103325008	Scale: 12" = 1'-0"

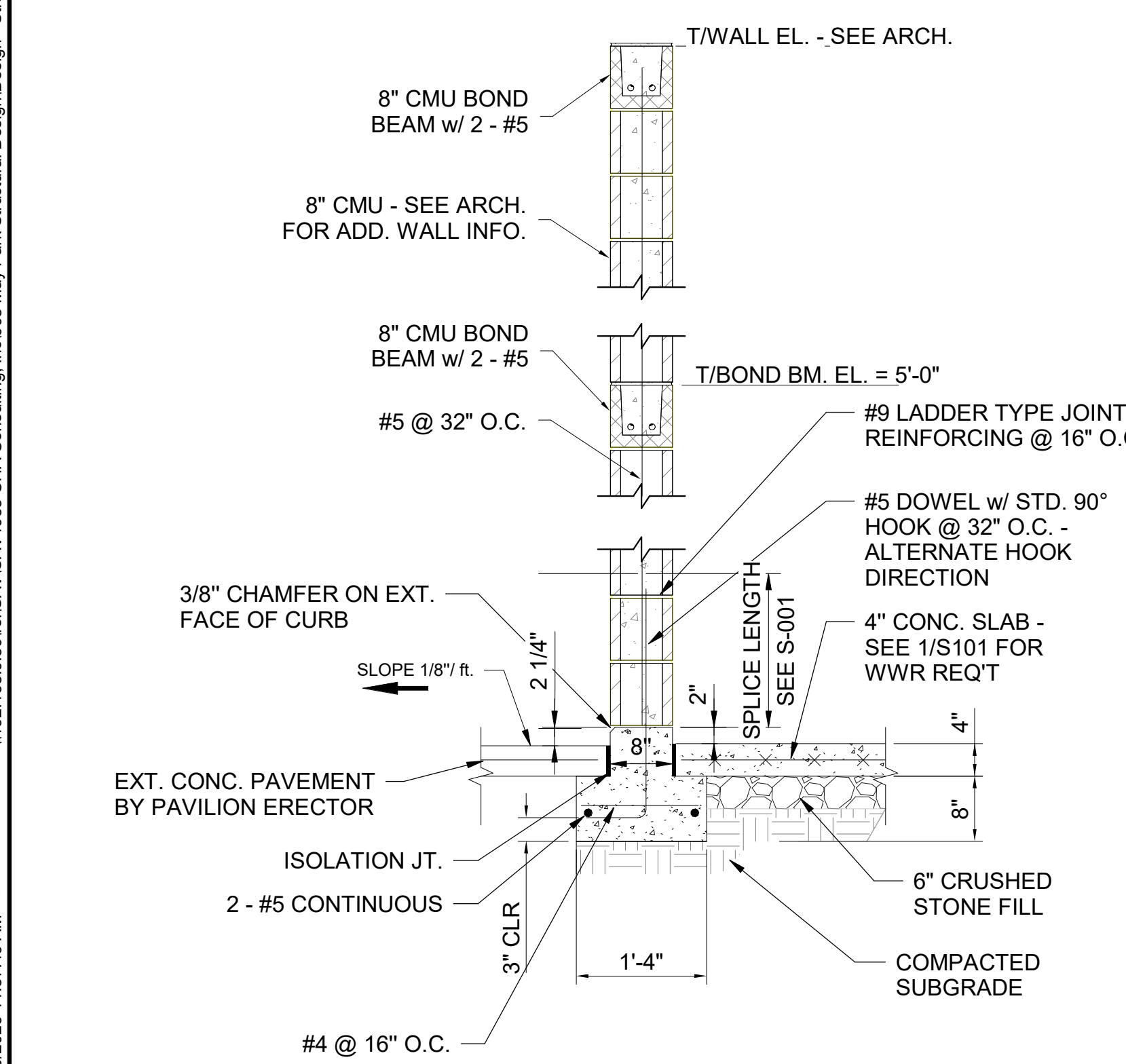
Drawing No:

S-001

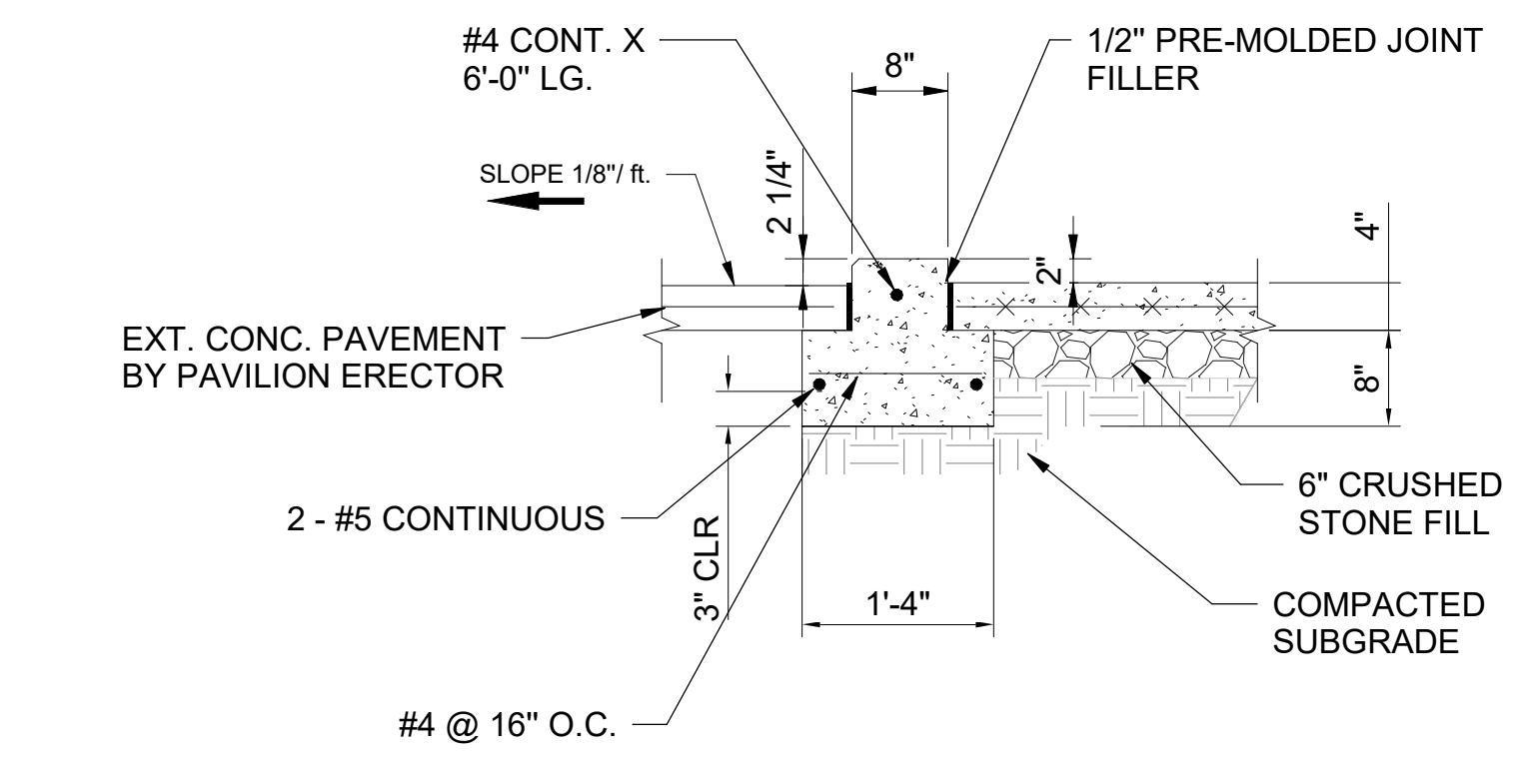
Central File: Update this text with Central file location
Saved: 1/30/2026 11:57:40 AM Current Local File: \\192.168.0.50\neis\SAV\1033 CHA Consulting, Inc\008 May Park Structural Design\Design - Structural\May Park Structural Design\11-4(REV1724).vt



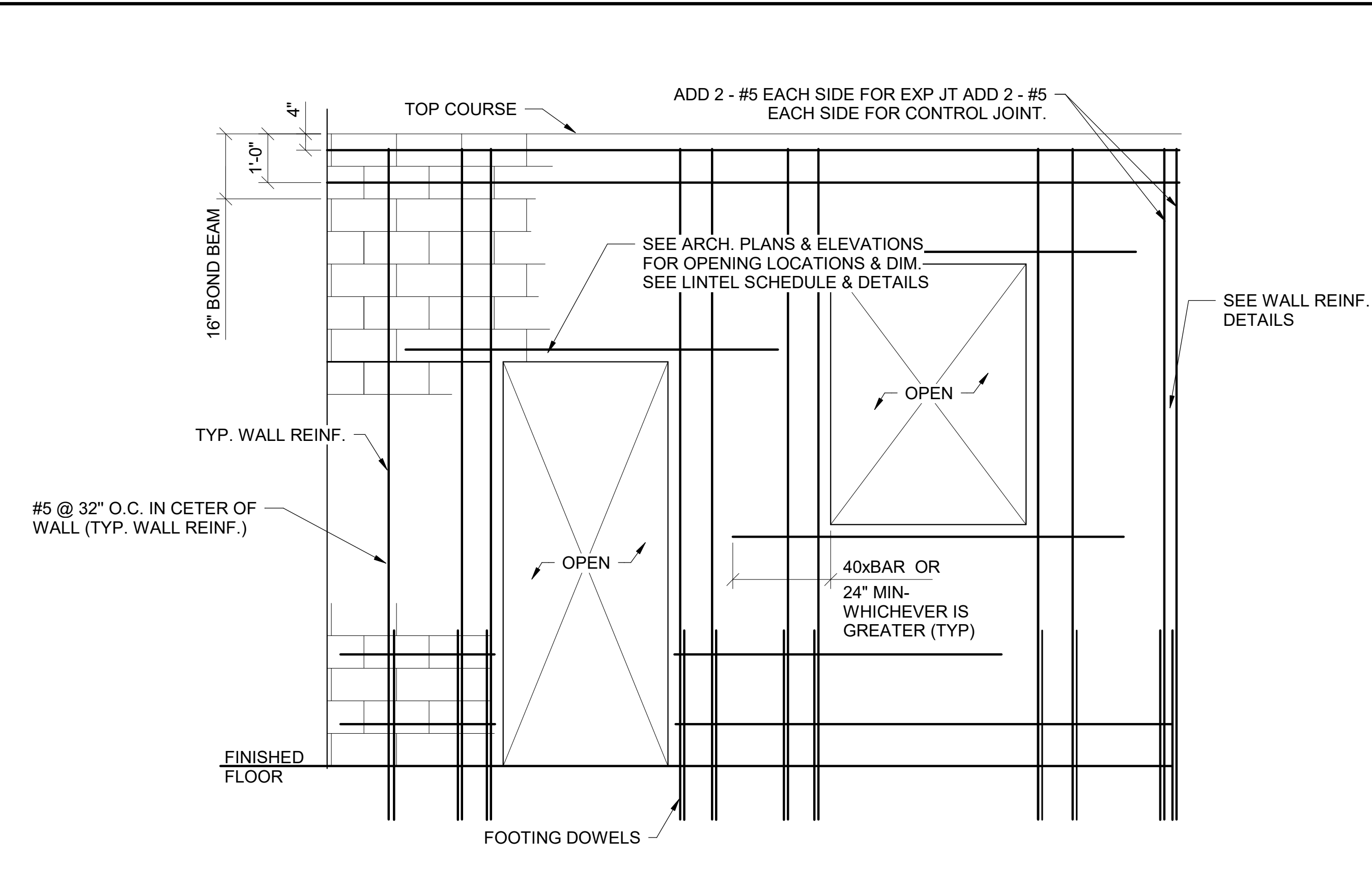
1 FOUNDATION AND GRADE SLAB PLAN
3/16" = 1'-0"



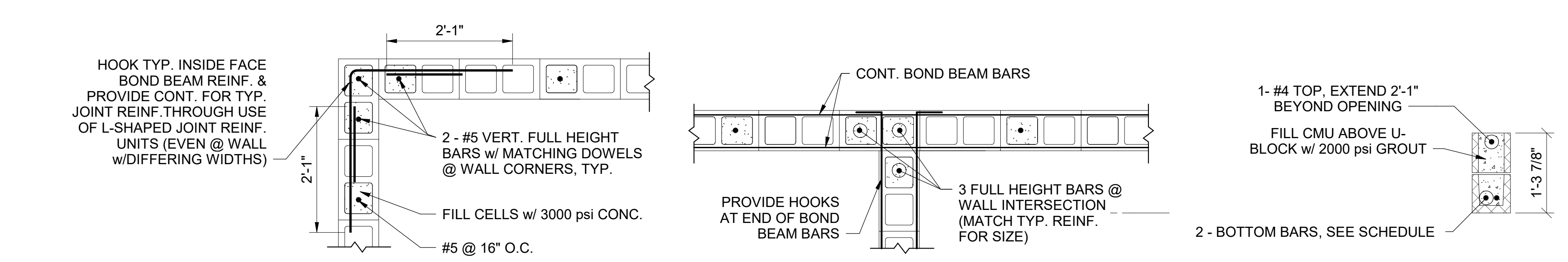
A EXTERIOR WALL SECTION
3/4" = 1'-0"



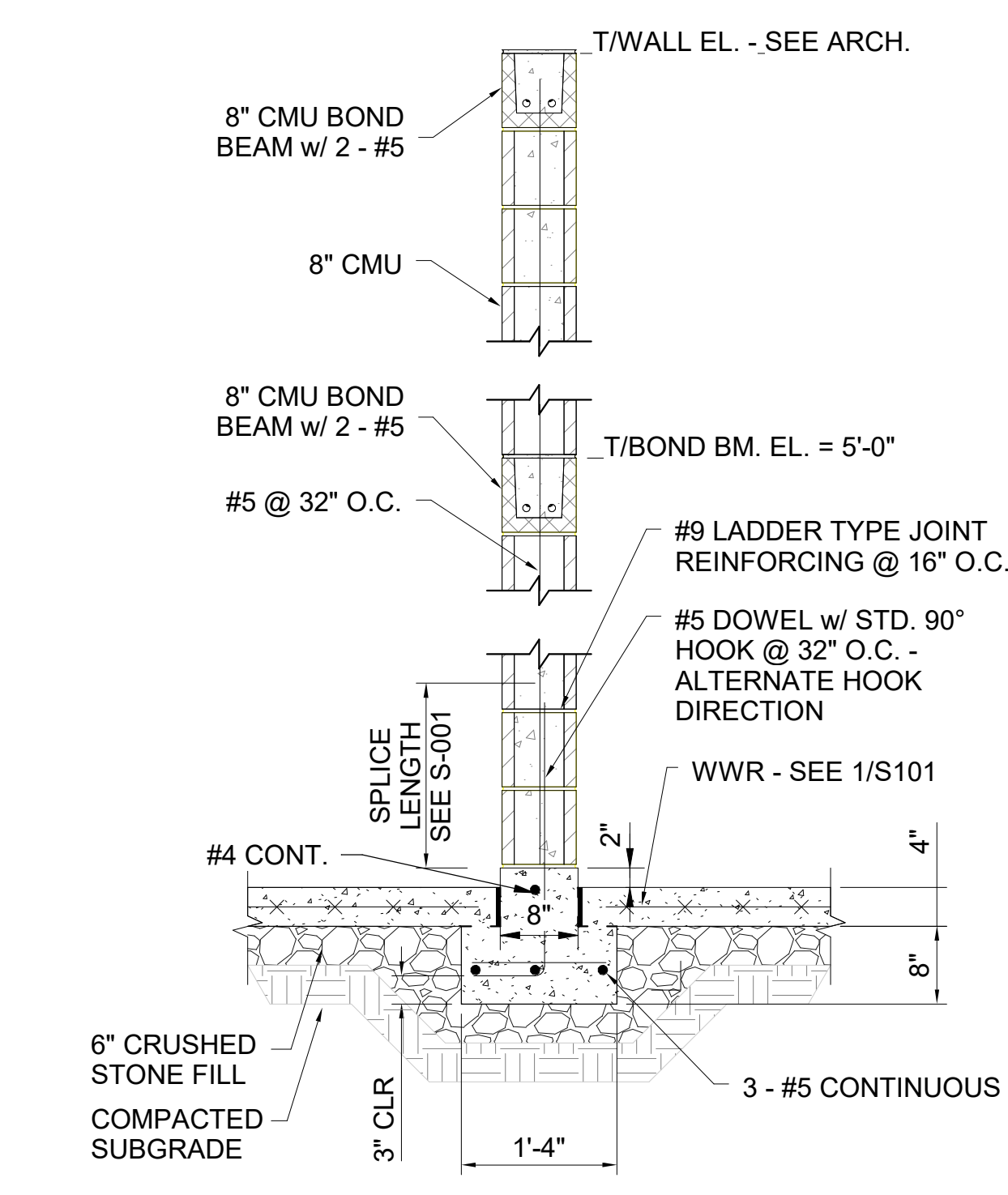
B WALL SECTION @ WALL OPENING
3/4" = 1'-0"



2 WALL REINFORCING DETAIL
1/2" = 1'-0"



3 WALL REINFORCING DETAILS
3/4" = 1'-0"



C INTERIOR WALL SECTION
3/4" = 1'-0"

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No. PE27608
PROFESSIONAL
ENGINEER
JOHN J. SMITH
1-26-2021

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CITY OF AUGUSTA MAY
PARK RICHMOND
COUNTY, GA

No.	Submitted / Revision	App'd. By	Date
1	100% CD		01/30/2026

PICNIC PAVILLION FDN & GRADE SLAB PLAN AND MASONRY DETAILS

Designed By:	Drawn By:	Checked By:
JSMITH	JBARNER	JSMITH
Issue Date:	Project No:	Scale:
01/30/2026	SAV10325008	As indicated

Drawing No:

S-101