CONSTRUCTION DOCUMENTS

FAYETTE COUNTY PARKS & RECREATION

MULTI-USE FACILITY

PREPARED FOR:
FAYETTE COUNTY

SHEET INDEX

SITE DATA

ADDRESS:	980 REDWINE RD FAYETTEVILLE, GA 30215
LAND LOT:	5-69
ZONING DISTRICT:	A-R

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 716-4321
24-HR. EMERGENCY CONTACT:
(770) 716-4321
EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS AN UNNAMED TRIBUTARY TO PERRY CREEK.
- THERE ARE NO DELINEATED STATE WATERS LOCATED ONSITE
- THE DOWNSTREAM RECEIVING WATER FOR THIS SITE IS PERRY CREEK
- THE SITE IS NOT LOCATED LESS THAN 1-MILE FROM AN IMPAIRED STREAM SEGMENT

OWNER / DEVELOPER

FAYETTE COUNTY
140 STONEWALL AVENUE WEST, STE 204
FAYETTEVILLE, GA 30214
(770) 716-4321

DESIGNER

LOSE DESIGN

LANDSCAPE ARCHITECTURE/ARCHITECTURE/CIVIL ENGINEERING/PLANNING

3237 SATELLITE BLVD. SUITE 450
DULUTH, GA 30096
PHONE: 770-338-0017
CONTACT: WHIT ALEXANDER

LOCATION MAP

NOT TO SCALE

CONSULTANTS

SURVEYOR
W.D. GRAY AND ASSOCIATES
160 GREENCASTLE ROAD, SUITE B
TYRONE, GA 30290
(770) 486-7552

ELECTRICAL:
PARSONS ENGINEERING, INC
4751 TROUSDALE DRIVE, SUITE 202
NASHVILLE, TN 37220
(615) 386-9396

STRUCTURAL:
WILLIAM J. PELTIER AND ASSOCIATES
270 LANGLEY DRIVE
LAWRENCEVILLE, GA 30046
(770) 963-0654

MECHANICAL / PLUMBING:
HARMS ENGINEERING
850 NEARTOP DRIVE
NASHVILLE, TN 37205
(615) 356-6789

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED No. LA001394 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED NO. 028879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
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SHEET TITLE
COVER

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C0.00

GENERAL NOTES

1. THE CONTRACTOR IS TO CHECK AND VERIFY ALL MEASUREMENTS, DIMENSIONS, LEVELS, PLAN ELEVATIONS, INVERTS, ETC. BEFORE ORDERING MATERIALS AND PROCEEDING WITH THE WORK, AND IS TO BE RESPONSIBLE FOR THE SAME. REMEDIAL WORK RESULTING FROM LACK OF VERIFICATION WILL BE AT CONTRACTOR'S SOLE EXPENSE.
2. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS AND HUBS DURING THE CONSTRUCTION OF HIS/HER WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION/PROJECT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT AND PLANS, ETC.
4. CARE SHALL BE TAKEN TO PROTECT ANY UTILITIES, TREES, ETC. WHICH ARE TO REMAIN AND NOT TO BE DISTURBED BY THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO SUCH PROPERTY.
5. THE SITE SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING IMPROVEMENTS PER THESE PLANS.
6. UPON RECEIPT OF POINT COORDINATE DATA, THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH GIVEN POINTS TO CONFIRM GEOMETRIC DATA AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY CONSTRUCTION.
7. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
8. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
9. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS AND PAY ALL LEGAL FEES. HE/SHE SHALL ALSO COMPLY WITH ALL CITY, COUNTY AND STATE BUILDING LAWS, ORDINANCES OR REGULATIONS RELATING TO BUILDING SIDEWALKS, STREETS, WATER MAINS, SEWERS, BLASTING, PUBLIC STRUCTURES, ETC.
10. THE CONTRACTOR ACKNOWLEDGES AND AGREES THAT THE WORK IS ENTIRELY AT THE CONTRACTOR'S RISK UNTIL SITE IS ACCEPTED, AND THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR PROTECTION OF THE PROJECT AND PUBLIC SAFETY. THE CONTRACTOR WILL INDEMNIFY THE OWNER AND LOSE DESIGN, INC. FROM LIABILITY AT THE SITE THROUGHOUT THE CONSTRUCTION PROCESS.
11. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON SITE SURVEY PROVIDED BY OTHERS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
12. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL NECESSARY TEMPORARY WORKS FOR THE PROTECTION OF THE WORK AND THE PUBLIC, INCLUDING BARRICADES, WARNING SIGNS, LIGHTS OR OTHER DEVICES SOLELY AT THE DETERMINATION OF THE CONTRACTOR.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, WHETHER CAUSED BY THE CONTRACTOR, SUBCONTRACTORS, OR THE CARELESSNESS OF ANY OF THEIR EMPLOYEES.
14. ALL PAY ITEMS HAVE BEEN EXPLICITLY SET FORTH AS SUCH IN THE PROPOSAL, ALL OTHER ITEMS OF COST ARE TO BE INCLUDED IN THE PRICE OF THE ITEMS ACTUALLY BID UPON.
15. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS.
16. THE CONTRACTOR SHALL PROVIDE SUCH BRACING, SHEETING AND SHORING, BLASTING PROTECTION, WARNING LIGHTS AND BARRICADES, ETC. AS MAY BE NECESSARY FOR THE PROTECTION OF LIFE AND PROPERTY FOR EMPLOYEES AND THE GENERAL PUBLIC. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY STATUTES AND RULES REQUIRING CERTAIN PROTECTIVE PERSONAL APPAREL SUCH AS HARD HATS, EAR PLUGS, EYE SHIELDS, PROTECTIVE SHOES, ETC. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY OR LIABILITY FOR ACTIONS TAKEN BY THE CONTRACTOR WHICH ENDANGER LIFE OR PROPERTY.
17. THE CONTRACTOR WILL, UPON BECOMING AWARE OF SUBSURFACE OR LATENT PHYSICAL CONDITIONS DIFFERING FROM THOSE DISCLOSED BY THE ORIGINAL SOIL EXPLORATION WORK, PROMPTLY NOTIFY THE OWNER VERBALLY TO PERMIT VERIFICATION OF THE CONDITIONS AND IN WRITING, AS TO THE NATURE OF THE DIFFERING CONDITIONS. NO CLAIM BY THE CONTRACTOR FOR ANY CONDITIONS DIFFERING FROM THOSE ANTICIPATED IN THE PLAN AND SPECIFICATIONS AND DISCLOSED BY THE SOIL STUDIES WILL BE ALLOWED UNLESS THE CONTRACTOR HAS SO NOTIFIED THE OWNER, VERBALLY AND IN WRITING AS REQUIRED ABOVE, OF SUCH DIFFERING CONDITIONS.
18. ANY FOREIGN ITEM FOUND DURING CONSTRUCTION IS THE PROPERTY OF THE LAND OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, PRECIOUS METALS, COINS, PAPER CURRENCY, ARTIFACTS AND ANTIQUITIES.
19. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO INSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DIFFERENCES. NOTIFICATION SHALL BE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
20. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT ALL TIMES. DAILY, AND MORE OFTEN IF NECESSARY, INSPECT & AND PICK UP ALL SCRAP, DEBRIS, & WASTE MATERIAL.
21. THE CONTRACTOR SHALL PROVIDE PROTECTION TO ALL FINISHED WORK. MAINTAIN SURFACES CLEAN, UNMARRED, AND SUITABLY PROTECTED UNTIL ACCEPTANCE BY OWNER.
22. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE COUNTY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE.
23. CONTRACTOR SHALL AT ALL TIMES ENSURE THAT SWPPP MEASURES PROTECTING EXISTING DRAINAGE FACILITIES BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PHASE OF THE SITE CONSTRUCTION OR LAND ALTERATION.
24. THE CONTRACTOR SHALL COORDINATE ALL ROAD CLOSURES, EXCAVATIONS, ETC. WITH LOCAL JURISDICTIONS. ALL TEMPORARY LANE CLOSURES, EXCAVATIONS, BORINGS, TRAFFIC CONTROL, ETC. SHALL BE DONE IN COMPLIANCE WITH LOCAL REQUIREMENTS.
25. THE CONTRACTOR SHALL PERFORM ALL QUANTITY TAKEOFFS REQUIRED FOR BIDDING AND CONSTRUCTION OF THIS PROJECT. LOSE DESIGN ACCEPTS NO RESPONSIBILITY NOR LIABILITY FOR QUANTITY TAKEOFFS PERFORMED FOR THIS PROJECT.

DEMOLITION

1. DEMOLITION INCLUDES THE FOLLOWING WITHIN THE PROPERTY LINES:
   - 1.1. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).
   - 1.2. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK.
   - 1.3. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS.
   - 1.4. DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).

DEMOLITION (CONT.)

2. ALL DEMOLISHED MATERIALS (EXCLUDING FOREIGN ITEMS AS LISTED IN 'GENERAL') BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED BY THE OWNER'S REP. DISPOSE OF OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST.
3. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, ETC., THAT ARE REMOVED SHALL BE REMOVED TO FULL DEPTH. ALL PAVEMENT, SIDEWALK, AND CURB SHALL BE SAW CUT IN ORDER TO OBTAIN NEAT LINES AND SMOOTH TRANSITIONS TO NEW SURFACES.
4. ALL ITEMS OF CONSTRUCTION REMAINING AND NOT SPECIFICALLY MENTIONED THAT INTERFERES WITH THE NEW CONSTRUCTION SHALL BE REMOVED AS DIRECTED BY THE OWNERS REPRESENTATIVE AT NO ADDITIONAL COST.
5. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL STREETS, TREES, UTILITIES, AND STRUCTURES THAT ARE TO REMAIN. CONTRACTOR-CAUSED DAMAGE WILL BE REPAIRED TO LOCAL STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND OBTAIN ALL PERMITS PRIOR TO BEGINNING WORK.
7. NO TREES ARE TO BE REMOVED AND/OR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR DEMOLITION PURPOSES AND ONLY WITH PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE.
8. OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE.
9. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED.
10. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
11. REMOVE: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN.
12. REMOVE, REINSTALL, AND RELOCATE: REMOVE ITEMS INDICATED; CLEAN, SERVICE, AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
13. EXISTING TO REMAIN: PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING THROUGHOUT CONSTRUCTION. WHEN PERMITTED BY THE ENGINEER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION THROUGHOUT CONSTRUCTION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS.
14. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
15. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:
   - 15.1. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, INCLUSIVE OF STARTING AND ENDING DATES FOR EACH ACTIVITY.
   - 15.2. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
   - 15.3. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.
16. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE THROUGHOUT CONSTRUCTION OPERATIONS.
   - 16.1. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY ENGINEER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.
17. UTILITY REQUIREMENTS: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE.
   - 17.1. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES.
   - 17.2. ALL EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE TO BE VERIFIED BY CONTRACTOR. LOSE DESIGN, INC. DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES INDICATED ON THE CONSTRUCTION DOCUMENTS. VERIFY LOCATION OF EXISTING UTILITIES AND EXERCISE EVERY PRECAUTION WHEN WORKING ON OR NEAR THESE AREAS TO AVOID DAMAGE TO THESE EXISTING FACILITIES. UTILITY LINES MAY BE ENCOUNTERED IN EXCAVATION THAT WERE NOT KNOWN OR SHOWN TO EXIST, SO CAUTION SHALL BE TAKEN IN ALL EXCAVATIONS. ACTIVE OR INACTIVE UTILITIES ENCOUNTERED BY THE CONTRACTOR SHALL BE HANDLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANIES.
18. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
   - 18.1. ERECT TEMPORARY PROTECTION, BARRICADES AS PER LOCAL GOVERNING AUTHORITIES.
   - 18.2. PROTECT EXISTING SITE IMPROVEMENTS AND APPURTENANCES TO REMAIN.
19. EXPLOSIVES: USE OF EXPLOSIVES WILL NOT BE PERMITTED.
20. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
21. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
22. DAMAGES: PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.
23. GENERAL: PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
24. BURNING: DO NOT BURN DEMOLISHED MATERIALS.
25. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH EXISTING FACILITIES.
   - 25.1. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.
   - 25.2. PROVIDE TEMPORARY FENCES, BARRICADES, COVERINGS OR OTHER PROTECTIONS TO PRESERVE EXISTING ITEMS INDICATED TO REMAIN AND TO PREVENT INJURY OR DAMAGE TO PERSONS OR PROPERTY. APPLY PROTECTIONS TO ADJACENT PROPERTIES AS REQUIRED.

CLEARING & GRUBBING

1. DO NOT EXCEED CLEARING AND GRUBBING LIMITS OF CONSTRUCTION LINES INDICATED ON THE PLANS.
2. ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE CROSSED BY HEAVY EQUIPMENT OR USED FOR STORING HEAVY EQUIPMENT OR MATERIALS.
3. NO EQUIPMENT SHALL BE STORED UNDER THE DRIP LINE OF TREES TO REMAIN.
4. DO NOT FALL ANY TREES OR PUSH PILES OF DEBRIS AGAINST TREES TO REMAIN.
5. REMOVE ALL STUMPS, ROCKS, ASPHALT & CONCRETE DEBRIS, ETC. WITHIN CLEARING LIMITS AND DISPOSE OFF SITE IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
6. CONTACT ALL UTILITY AUTHORITIES WHO HAVE LINES WITHIN THE CLEARING AND GRUBBING LIMITS BEFORE STARTING WORK.
7. ALL EROSION CONTROL SEDIMENT BARRIERS, SILT FENCES, AND TREE PROTECTION DEVICES SHALL BE INSTALLED PRIOR TO STARTING CLEARING AND GRUBBING OPERATIONS.
8. CONTRACTOR TO STAKE TRAIL CENTERLINES (WHEN APPROPRIATE) & LIMITS OF CLEARING FOR REVIEW BY LOSE DESIGN, INC. PRIOR TO BEGINNING CLEARING OPERATIONS; TREES WITHIN GRADING LIMITS TO BE SAVED WILL BE IDENTIFIED BY THE OWNER'S REPRESENTATIVE. FIELD CHANGES TO GRADING PLANS SHALL BE MADE FOR SMOOTH TRANSITION OF GRADES AROUND ALL TREES.
9. SEE SPECIFICATIONS FOR TREE CLEARING REQUIREMENTS AND PENALTIES FOR DAMAGES TO TREES DESIGNATED TO REMAIN.
10. ALL CLEARING SHALL BE LIMITED TO AREAS TO BE GRADED WITHIN 14 CALENDAR DAYS PER STATE PERMITS.

EXISTING UTILITIES

1. UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LOSE DESIGN, OR THEIR REPRESENTATIVES. BEFORE YOU DIG CALL 811 TO HAVE EXISTING UTILITIES MARKED.
2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
3. LOSE DESIGN. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE BASE SURVEY INFORMATION PROVIDED BY OTHERS.

DEVELOPMENT

1. NOTIFY OWNER AND LOSE DESIGN, INC. AT 50, 95, AND 100 PERCENT COMPLETION OF EVERY PHASE OF CONSTRUCTION
2. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
3. ALL CONSTRUCTION TO COMPLY WITH LOCAL/COUNTY ZONING AND CODES STANDARDS AND STATE OF GEORGIA STORMWATER REGULATIONS.

GRADING

1. TOPSOIL SHALL BE STORED ON SITE IN LOCATIONS APPROVED BY THE OWNERS REPRESENTATIVE AND OUTSIDE OF AREAS PRONE TO FLOODING. DRAINAGE SHALL ROUTE AROUND THESE TOPSOIL STOCKPILES FOR THE DURATION OF THE GRADING OPERATIONS. EROSION CONTROL MEASURES SHALL PREVENT LOSS OF TOPSOIL MATERIAL.
2. UNSUITABLE SOILS SHALL BE UNIFORMLY SPREAD ACROSS NON-STRUCTURAL FILL AREAS, COVERED WITH TOPSOIL, AND VEGETATED PER DRAWINGS.
3. FILL AREAS SHALL BE PROOF-ROLLED WITH RUBBER-TIRED EQUIPMENT WITH A MINIMUM WEIGHT OF FIFTEEN TONS PRIOR TO BEGINNING FILL OPERATION. AREAS WHICH ARE SOFT OR UNSTABLE SHALL BE UNDERCUT UNTIL STABLE SOILS ARE FOUND. RECOMPACTION OF THESE SOILS TO 98 PERCENT MAXIMUM DRY DENSITY (AS PER ASTM D698 STANDARD PROCTOR) WILL BE ALLOWED, UNDER THE DIRECTION OF A QUALIFIED SOILS ENGINEER.
4. CUT AREA SHALL BE PROOF-ROLLED AFTER FINAL SUBGRADE IS ACHIEVED IN THE SAME MANNER AS FILLED AREAS. SOFT OR UNSTABLE SOILS SHALL BE SCARIFIED TO A DEPTH OF 12" AND RECOMPACTED TO 98 PERCENT MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR).
5. CONFIRMATION OF ALL COMPACTION REQUIREMENTS SHALL BE CONFIRMED BY A QUALIFIED SOILS ENGINEER. SEE SPECIFICATION FOR SOIL COMPACTION RATES.
6. ALL FILL AREAS SHALL BE RAISED IN LIFTS NOT EXCEEDING 6 INCHES.
7. ALL AREAS WILL BE GRADED TO PROVIDE PROPER DRAINAGE AND PREVENT STANDING WATER.
8. ELEVATIONS SHOWN ON THE PLANS IS THE FINISH GRADE ELEVATION.
9. GRADING SHALL BE SEQUENCED SO THAT BASE STONE IS PLACED WITHIN 14 CALENDAR DAYS OF ACHIEVING OPTIMUM SUBGRADE COMPACTION.
10. ALL GRADING OPERATIONS SHALL BE COMPLETED IN COMPLIANCE OF CITY, COUNTY, AND STATE LAND DISTURBANCE PERMITS AS REQUIRED.

LAYOUT

1. ALL LAYOUT MEASUREMENTS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
2. COORDINATE POINTS SHOWN ARE TAKEN FROM BASE INFORMATION PROVIDED BY OTHERS. CONTRACTOR SHALL CROSS CHECK BETWEEN COORDINATE LAYOUT AND PLAN DIMENSIONS PRIOR TO COMMENCING WORK.
3. LOSE DESIGN, ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE BASE INFORMATION AS PROVIDED. CONTRACTOR IS TO VERIFY ALL BASE INFORMATION AS NECESSARY AND TO ADVISE THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO ANY LAYOUT WORK
4. ALL WORK SHALL BE COMPLETED TO THE LEVEL INDICATED BY THE SCOPE OF WORK LISTED IN THE BID DOCUMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF ALL DAMAGED AND/OR DISTURBED MONUMENTS, STAKES, ETC.
6. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR SHALL USE DIMENSION, COORDINATES, AND OTHER INFORMATION PROVIDED ON LAYOUT PLANS.
7. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING REQUIRED ON THE PROJECT. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN EXISTING FACILITIES AND PROPOSED FACILITIES PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
8. CONTRACTOR SHALL NOTIFY LOSE DESIGN WITHIN 24 HOURS OF ANY LAYOUT DISCREPANCIES PRIOR TO PROCEEDING WITH WORK. ALL ADDITIONAL COSTS, INCLUDING BUT NOT LIMITED TO REMEDIAL CONSTRUCTION, ADDITIONAL SITE VISITS, OR ENGINEERING SERVICES AND FEES, ETC., INCURRED DUE TO THE FAILURE TO FOLLOW THIS PROCEDURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. CONTRACTOR SHALL PROVIDE ADEQUATE LAYOUT INFORMATION TO DEMONSTRATE, TO THE MAXIMUM EXTENT PRACTICAL, THAT NO CONFLICTS BETWEEN VARIOUS TRADES EXIST.
10. DRAINAGE STRUCTURES ARE SHOWN TO INDICATE CASTING TYPE AND LOCATION. CONTRACTOR SHALL STAKE PROPOSED PAVING, STRUCTURES, CURBS, ETC. TO ENSURE DRAINAGE STRUCTURES ARE PLACED TO AVOID CONFLICTS. DRAINAGE STRUCTURES ARE NOT DRAWN TO SCALE.

ADA REQUIREMENTS

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ("ADA") AND ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 36CFR PARTS 1190 AND 1191, ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES
2. CONTRACTOR TO COORDINATE ALL INSPECTIONS AS REQUIRED BY THE LOCAL ADA COMPLIANCE OFFICE.
3. AT ALL INTERSECTION OF TRAILS, SIDEWALKS, PLAZAS, AND OTHER INSTANCES WHERE 90 DEGREE TURNS CAN TAKE PLACE, THE MAX. SLOPE IN ALL DIRECTIONS IS 2 PERCENT.

TREE PROTECTION / REMOVAL

1. EXISTING TREES ON-SITE TO BE REMOVED HAVE BEEN MARKED ON THE SITE PLANS WITH AN "X". ONLY THOSE MARKED TREES SHALL BE REMOVED. CONTRACTOR SHALL PROCEED WITH THE FOLLOWING FOR TREES TO BE REMOVED ONLY:
   - 1.1. REMOVE THE TOP OF ALL TREES INCLUDING BRANCHES AND TRUNK IN AN ORGANIZED AND SAFE MATTER BEING CAREFUL NOT TO DAMAGE ANY TREES TO REMAIN OR OTHER SITE FEATURES.
   - 1.2. ALL STUMPS OF TREES BEING REMOVED SHALL BE COMPLETELY EXCAVATED AND REMOVED. ALL EXCAVATED HOLES, FROM REMOVAL OF TREE ROOTS, REMAINING ON-SITE SHALL BE REMEDIATED WITH ENGINEERED FILL AND COMPACTED TO MEET SPECIFICATIONS.
   - 1.3. ALL TREE WASTE, INCLUDING LIMBS, BRANCHES, TRUNKS, ROOTS OR OTHER, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF IN A LEGAL MANNER.
2. ALL TREES THAT HAVE NOT BEEN MARKED ON THESE PLANS WITH AN "X" SHALL BE PROTECTED ON SITE DURING CONSTRUCTION FROM ANY AND ALL DAMAGE. CONTRACTOR SHALL PROCEED WITH THE FOLLOWING FOR TREES TO BE PROTECTED ONLY:
   - 2.1. ALL PROTECTED TREES THAT ARE LOCATED NEAR OR WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED BY TREE PROTECTION FENCING PER DETAILS.
   - 2.2. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY PROTECTED TREES THAT ARE DAMAGED DURING CONSTRUCTION.
   - 2.3. IF PROTECTED TREES ARE LOCATED WITHIN THE LIMITS OF CONSTRUCTION, THEY MUST BE PROTECTED DURING SITE CONSTRUCTION.
   - 2.4. IF GRADING, EXCAVATION OR PAVING IS SHOWN TO OCCUR NEAR THE PROTECTED TREE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTING WITH A LOCAL TREE SURGEON FOR RECOMMENDATIONS ON TREE PROTECTION.
   - 2.5. IF DISCREPANCIES OCCUR AND IT IS ANTICIPATED THAT THE PROTECTED TREES WILL BE DAMAGED DUE TO PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DESIGNER IMMEDIATELY OF ANY CONFLICT.
   - 2.6. THE CONTRACTOR SHALL ALSO SUBMIT RECOMMENDATIONS TO THE DESIGNER FROM THE TREE SURGEON FOR PROTECTION MEASURES.
   - 2.7. CONTRACTOR SHALL BE RESPONSIBLE FOR IN-FIELD COORDINATION WITH THE DESIGNER TO RESOLVE ANY CONFLICTS THAT MAY ARISE DUE TO PROTECTED TREES.
   - 2.8. IF THE CONTRACTOR LOCATES TREES IN THE FIELD THAT ARE NOT SHOWN ON THESE PLANS OR THAT ARE MISLOCATED, THE CONTRACTOR SHALL NOTIFY THE DESIGNER FOR REVIEW OF THE TREE AND ITS LOCATION.
   - 2.9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH SUB-CONSULTANTS AND UTILITY PROVIDERS DURING CONSTRUCTION TO ENSURE THE PROTECTION OF THE TREES TO REMAIN.

TREE PROTECTION / REMOVAL (CONT.)

   - 2.10. IN THE EVENT OF UTILITY LINE ADJUSTMENTS, ADDITIONS OR RELOCATIONS, THE CONTRACTOR SHALL WORK WITH THE UTILITY PROVIDER AND INSTALLER TO ROUTE THE UTILITY LINES OUTSIDE OF THE TREE PROTECTION ZONE. IF THIS IS NOT POSSIBLE, RECOMMENDATIONS MUST BE OBTAINED FROM A LOCAL TREE SURGEON FOR REMEDIATION OPTIONS.
   - 2.11. CONTRACTOR MUST SUBMIT ALL REPORTS OR RECOMMENDATIONS FOR TREE PRUNING OR ALTERING TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO RENDERING SERVICES.

ABBREVIATIONS

ASPH	- ASPHALT	NIC	- NOT IN CONTRACT
@	- AT	NO	- NUMBER
BOC	- BOTTOM OF CURB	O.C.	- ON CENTER
BFP	- BACKFLOW PREVENTER	OD	- OUTSIDE DIAMETER
BS	- BOTTOM OF STEP	PD	- PERFORATED DRAIN
BW	- BOTTOM OF WALL	PL	- PROPERTY LINE
CL	- CENTERLINE	POB	- POINT OF BEGINNING
CJ	- CONTROL JOINT	PP	- POWER POLE
CO	- COMPANY	R	- RADIUS
CONT	- CONTINUOUS	ROW	- RIGHT OF WAY
CY	- CUBIC YARD	SERV	- SERVICE
DIA	- DIAMETER	SCH	- SCHEDULE
DR	- DRIVE	SF	- SQUARE FEET
EJ	- EXPANSION JOINT	S.F.	- SILT FENCE
ELEC	- ELECTRIC	SQ	- SQUARE
ELEV	- ELEVATION	SY	- SQARE YARD
FH	- FIRE HYDRANT	SIG	- SIGNAL
EX	- EXISTING	SPEC	- SPECIFICATION(S)
FT	- FEET	STA	- STATION
FL	- FLOW LINE	ST	- STREET
GALV	- GALVANIZED	T	- TELEPHONE
HP	- HIGH POINT	TC	- TOP OF CASTING
HT	- HEIGHT	TOC	- TOP OF CURB
HW	- HEADWALL	TF	- TOP OF FOOTING
HYD	- HYDRANT	TP	- TOP OF PAVEMENT
ID	- INSIDE DIAMETER	TS	- TOP OF STEP
JUNC	- JUNCTION	TW	- TOP OF WALL
LOC	- LIMITS OF CLEARANCE	TYP.	- TYPICAL
L.O.D.	- LIMITS OF DISTURBANCE	VERT	- VERTICAL
LF	- LINEAR FEET	W	- WATER
MAX	- MAXIMUM	WS	- WATER SERVICE
MIN	- MINIMUM	WV	- WATER VALVE
MH	- MANHOLE	WWF	- WELDED WIRE FABRIC
MPH	- MILES PER HOUR		

BVCS	- BEGINNING OF VERTICAL CURVE STATION
BVCE	- BEGINNING OF VERTICAL CURVE ELEVATION
EVCS	- ENDING OF VERTICAL CURVE STATION
EVCE	- ENDING OF VERTICAL CURVE ELEVATION
PVI	- POINT OF VERTICAL INTERSECTION

NOTE: THESE ABBREVIATIONS ARE GENERAL; INDIVIDUAL SHEETS MAY INCLUDE OTHERS.

"C" SHEETS LEGEND

— OE —— OE ——	OVERHEAD ELECTRIC
— UE —— UE ——	UNDERGROUND ELECTRIC
— G —— G ——	GAS
— W —— W ——	WATER
— SW —— SW ——	STORM SEWER
— SS —— SS ——	SANITARY SEWER
(symbol)	BENCHMARK
(symbol)	FIRE HYDRANT

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

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER 9/19/24

GEORGIA REGISTERED PROFESSIONAL ENGINEER NO. 028879 SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
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SHEET TITLE
GENERAL NOTES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE N/A
CHECKED BY OM	

SHEET NO.
C0.01

RETRACEMENT SURVEY

TAX PARCEL #0517 039
DEED BOOK 1112, PAGES 492-493
TAX PARCEL #0517 053
DEED BOOK 615 PAGE 252

GRID NORTH
GA WEST ZONE

LEGEND
R/W - RIGHT OF WAY
N/F - NOW OR FORMERLY
CONC. - CONCRETE
EGB - ELECTRICAL GROUND BOX
CMP - CORRUGATED METAL PIPE
RCP - REINFORCED CONCRETE PIPE
HDPE - HIGH DENSITY POLYETHYLENE
F.F.E. - FINISHED FLOOR ELEVATION
S/W - SIDEWALK
C&G - CURB AND GUTTER
SSMH - SANITARY SEWER MANHOLE
FH - FIRE HYDRANT
WV - WATER VALVE
APD - APPROXIMATE PIPE DIRECTION
- UTILITY POLE
- GUY WIRE
- OVERHEAD UTILITY LINE

APPROXIMATE LOCATION OF UNDERGROUND ATT FIBER CABLE. CONTRACTOR TO LOCATE IN FIELD

UTILITIES NOTE:
THE SURVEYOR CONTACTED 811 TO REQUEST ALL UTILITIES BE MARKED. FAYETTE COUNTY WATER AND CITY OF FAYETTEVILLE WATER WERE THE ONLY ENTITIES WHICH LOCATED UTILITIES. ALL OTHER UTILITIES EITHER DID NOT RESPOND OR STATED THAT NO UTILITIES ARE PRESENT. REFERENCE IS MADE TO TICKET NUMBER 230727-004392 FOR THE RESPONSES FROM THE UTILITY LOCATE REQUEST.

THIS IS A RETRACEMENT SURVEY OF AN EXISTING TRACT OF LAND.

CURRENT OWNER:
FAYETTE COUNTY
DEED BOOK 1112, PAGES 492-493
DEED BOOK 615 PAGE 252

THIS SURVEY WAS AUTHORIZED BY WHIT ALEXANDER

ALL DISTANCES ARE HORIZONAL GROUND DISTANCES

VERTICAL DATUM IS NAVD88, AND IS BASED ON EGPS RTN

OTHER IMPROVEMENTS EXIST ON THIS SITE THAT ARE OUTSIDE THE SURVEY AREA AND ARE NOT SHOWN.

PER THE STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS RULE 180-6-.09 THE TERM CERTIFICATION RELATING TO 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 PLAT WAS PREPARED FOR THE EXCLUSIVE USE OF THE PERSON, PERSONS, OR ENTITY NAMED HEREON. NO CERTIFICATION OR LIABILITY IS EXTENDED TO ANY UNNAMED PERSON, PERSONS OR ENTITY WITHOUT A RECERTIFICATION BY THE SURVEYOR NAMING SAID PERSON, PERSONS OR ENTITY.

THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE REPORT. THEREFORE, THE UNDERSIGNED SURVEYOR AND W.D. GRAY AND ASSOCIATES, INC. MAKE NO GUARANTEES, REPRESENTATIONS, OR WARRANTY REGARDING INFORMATION SHOWN HEREON PERTAINING TO RIGHTS-OF-WAY, EASEMENTS, RESTRICTIONS, RESERVATIONS, AGREEMENTS, SETBACK LINES, BUFFERS, AND OTHER SIMILAR MATTERS. OTHER CONDITIONS OR DOCUMENTS MAY EXIST THAT WOULD AFFECT THIS PROPERTY. NO LIABILITY IS ASSUMED FOR LOSS RELATING TO ANY MATTER THAT MIGHT BE DISCOVERED BY AN ABSTRACT OR TITLE SEARCH OF THE PROPERTY.

THE LATEST DATE OF FIELD WORK SHOWN IS APPLICABLE TO PROVISIONS OF STATUTES OF LIMITATION.

THIS PROPERTY IS SUBJECT TO ALL EASEMENTS, RESTRICTIONS, COVENANTS, ZONING ORDINANCES, ENVIRONMENTAL RESTRICTIONS, AND RIGHTS-OF-WAY SHOWN OR NOT SHOWN, RECORDED OR NOT RECORDED.

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ALL BUILDING RESTRICTIONS INCLUDING BUT NOT LIMITED TO BUILDING SETBACKS, WATERSHED BUFFERS, WATERSHED SETBACKS, UNDISTURBED BUFFERS, ETC. SHOULD BE INTERPRETED AND VERIFIED BY THE PROPER GOVERNING AUTHORITY BEFORE ANY LAND PLANNING AND/OR LAND DISTURBANCE ACTIVITY BEGINS.

PREPARED FOR:
LOSE DESIGN
LAND LOT 69, 5TH DISTRICT
FAYETTE COUNTY, GA.
SCALE: 1" = 40'
DATE OF SURVEY: 08/24/2023
DATE OF PLAT: 08/31/2023

CLOSURE DATA
FIELD CLOSURE = 1' : 32,324
ANGLE POINT ERROR = < 2"
EQUIPMENT USED: GEOMAX ZOOM 90
ADJUSTMENT METHOD: NONE
PLAT CLOSURE:
TAX PARCEL #0517 039 = 1' : 430,115
TAX PARCEL #0517 053 = 1' : 1,012,619

IN MY OPINION, THIS PROPERTY DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 13113 C 0111 E AND 13113 C 0112 E DATED: SEPTEMBER 26, 2008

GRAPHIC SCALE 1"=40'
0 40 80 120

(iii) This plat is a retracement of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, maps, plats, or other instruments which created the parcel or parcels are stated hereon. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the 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.

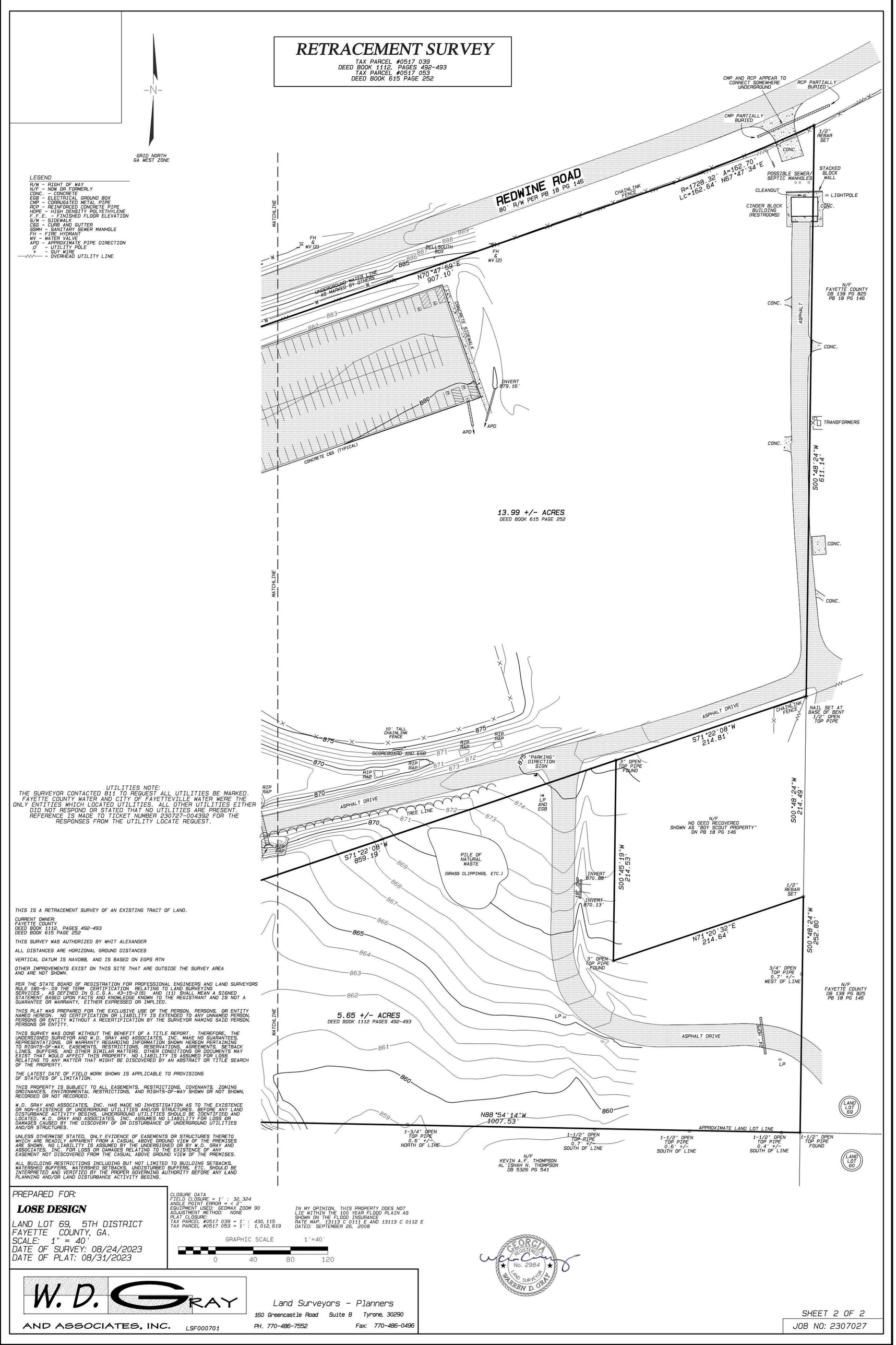
09/07/2023

GEORGIA REGISTERED No. 2984 LAND SURVEYOR WARREN D. GRAY

W. D. GRAY AND ASSOCIATES, INC. LSF000701
Land Surveyors - Planners
160 Greencastle Road Suite B Tyrone, 30290
PH. 770-486-7552 Fax: 770-486-0496

RETRACEMENT SURVEY

TAX PARCEL #0517 039
DEED BOOK 1112, PAGES 492-493
TAX PARCEL #0517 053
DEED BOOK 615 PAGE 252



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PREPARED FOR:

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SCALE: 1" = 40'
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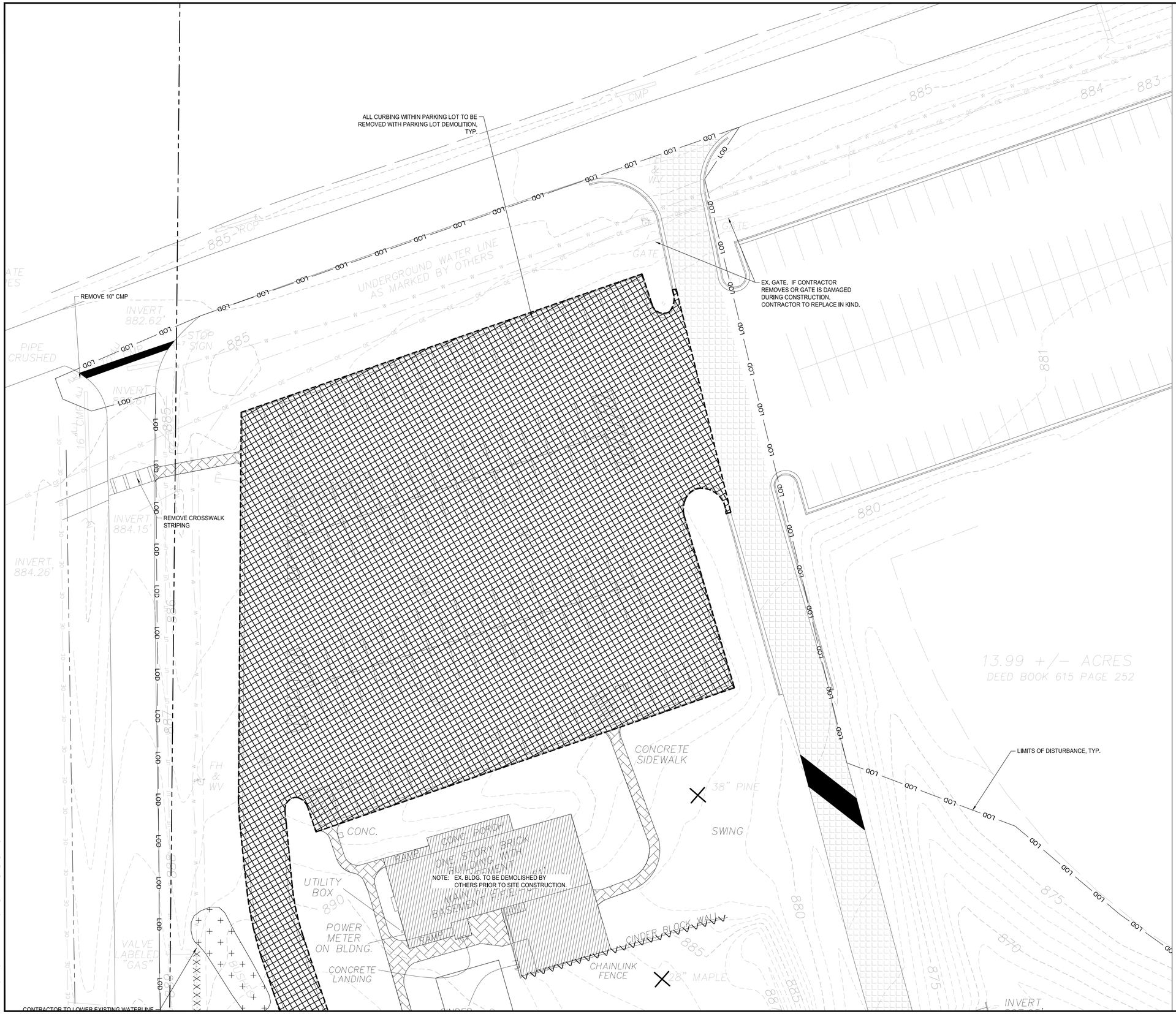
SHEET 2 OF 2
JOB NO: 2307027



DEMOLITION NOTES:

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10. ACCESS TO PATRIOT PARK BASEBALL FIELDS & PARKING LOTS SHALL BE MAINTAINED AND REMAIN OPEN UNLESS OTHERWISE PRE-APPROVED BY FAYETTE COUNTY.

- DEMO CONCRETE SIDEWALK
- DEMO BUILDING
- MILL ASPHALT
- DEMO ASPHALT / CURB & GUTTER
- TREE CLEARING
- WALL/FENCE REMOVAL
- TREE REMOVAL
- ASPHALT CUT LINE
- OPEN CUT ROAD

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09/12/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 36870 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

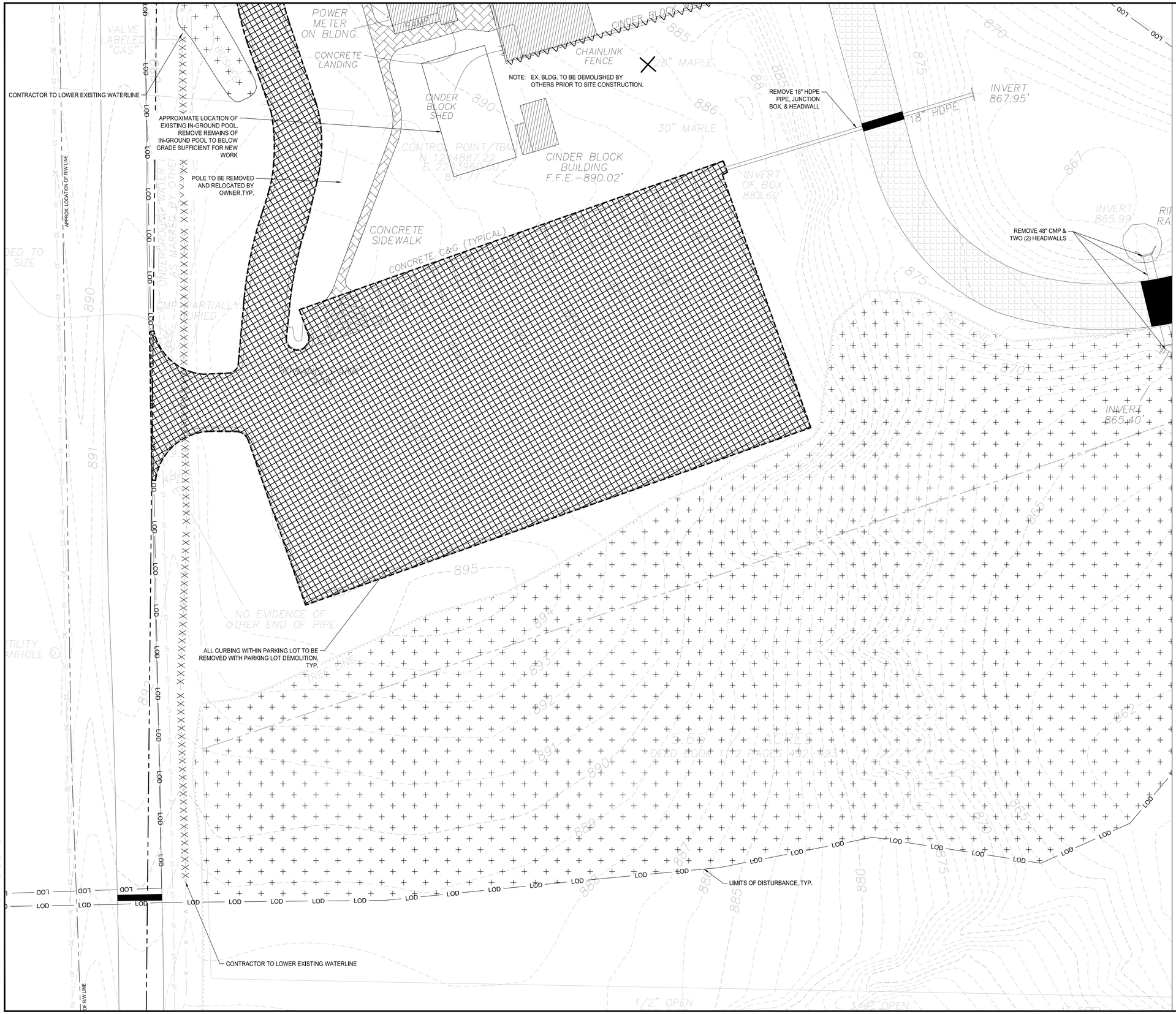
SHEET TITLE

DEMOLITION PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1"=20'
CHECKED BY OM	

SHEET NO.

C0.10



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0 20 40 60

SCALE: 1" = 20'

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE035870 SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

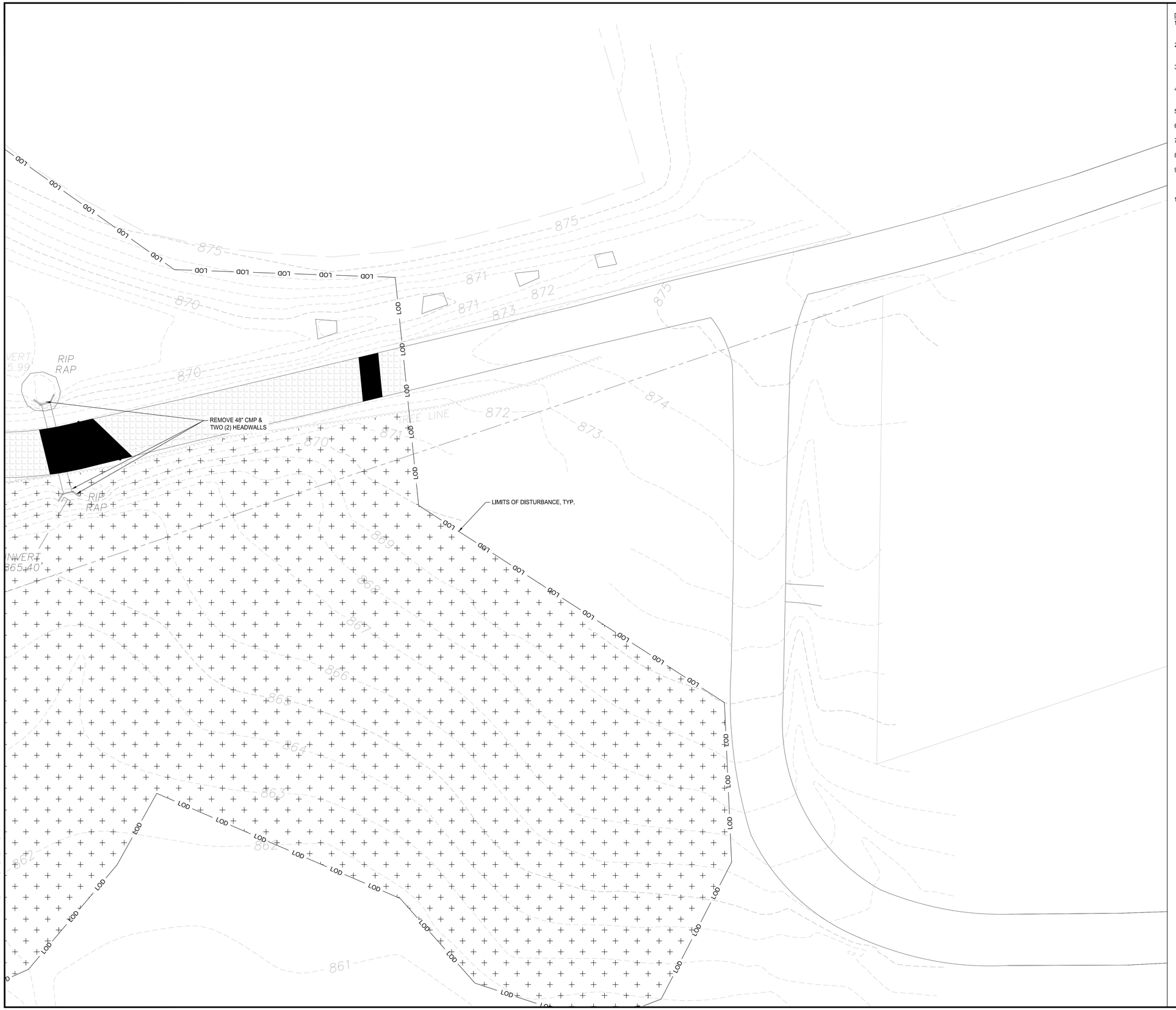
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

DEMOLITION PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1"=20'
CHECKED BY OM	
SHEET NO. C0.11	



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0 20 40 60

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LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/15/27 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 036879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
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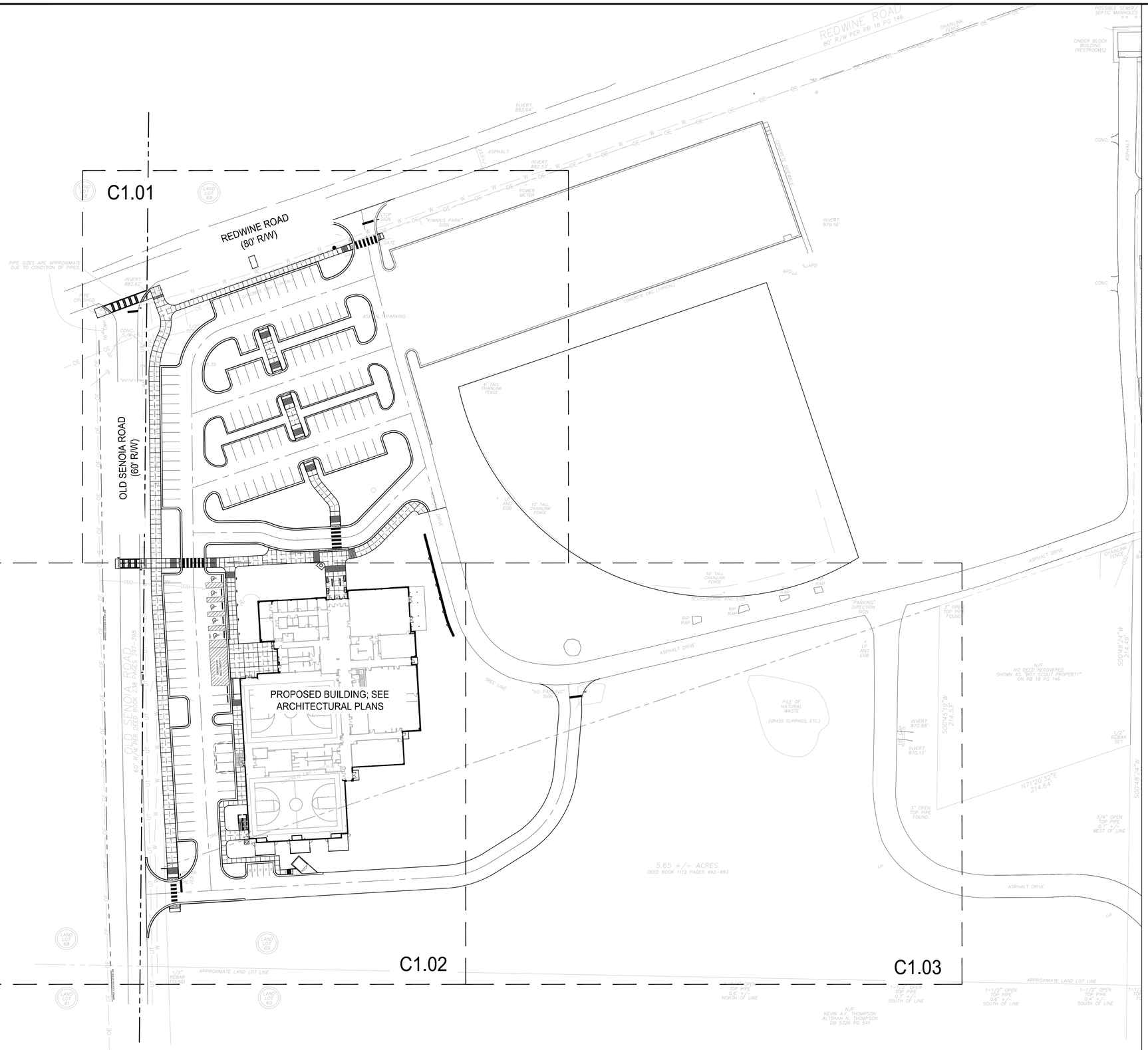
SHEET TITLE

DEMOLITION PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1"=20'
CHECKED BY OM	

SHEET NO.

C0.12



LAYOUT NOTES:

1. SEE SHEET `C0.01 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL SHEETS FOR BUILDING.
3. INSTALL JOINTS WHERE SHOWN TO ALIGN TO WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALL, CURBS, ETC,). ALL JOINTS TO BE STRAIGHT AND TRUE.
4. LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
5. ALL CURBS ARE DIMENSIONED TO THE FACE OF CURB.
6. CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES ARE NOT SHOWN ON DRAWING. VERIFY LOCATIONS AND CONSIDER SUCH WHEN ESTIMATING.
7. ALL PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
8. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
9. ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH GDOT'S STANDARDS FOR ROADWAY AND BRIDGE CONSTRUCTION, LATEST EDITION.
10. ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.

PARKING COUNT:

TOTAL SPACES:	140
REGULAR SPACES:	130
ADA SPACES:	5
GOLF CART:	5

0 50 100 150

SCALE: 1" = 50 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA No. 36879 PROFESSIONAL ENGINEER SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

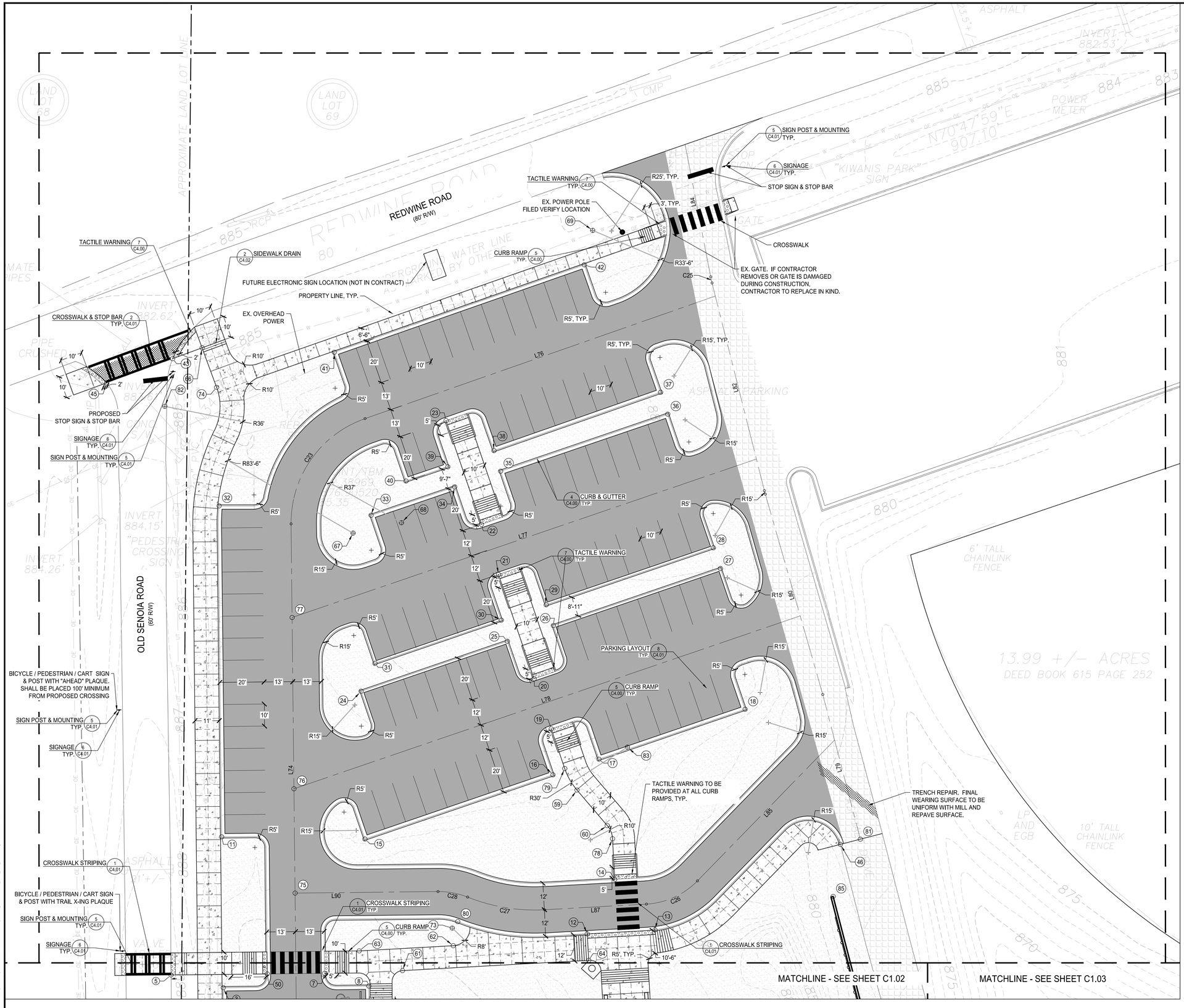
SHEET TITLE

LAYOUT PLAN KEY

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1' = 50'
CHECKED BY OM	

SHEET NO.

C1.00



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HATCH KEY

- 3 C4.00 ASPHALT PAVEMENT
- 7 C4.01 MILL & REPAVE
- EXISTING ASPHALT PAVEMENT
- 2 C4.00 CONCRETE PAVEMENT (HEAVY-DUTY)
- 1 C4.00 CONCRETE PAVEMENT (LIGHT-DUTY)
- LANDSCAPE AREA
- 10 C4.01 PAVEMENT REPAIR

NOTE:
SEE C0.10-C0.12 FOR LIMITS OF DISTURBANCE

PARKING COUNT:

TOTAL SPACES:	140
REGULAR SPACES:	130
ADA SPACES:	5
GOLF CART:	5

0 20 40 60

SCALE: 1" = 20'

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

LAYOUT PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1" = 20'
CHECKED BY OM	

SHEET NO.

C1.01

LAYOUT NOTES:

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LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09 / 12 / 2024 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 036879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

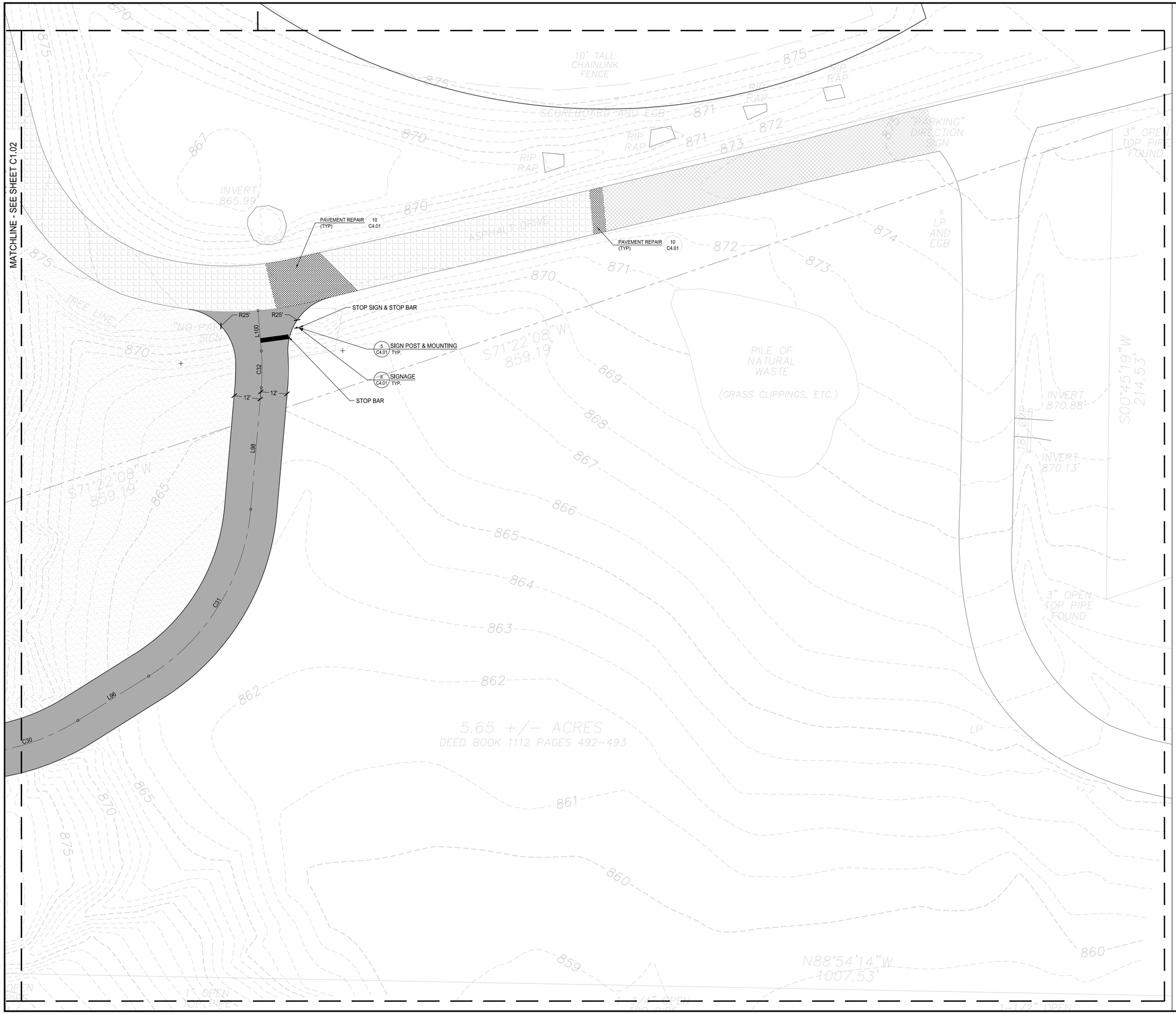
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

LAYOUT PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1" = 20'
CHECKED BY OM	
SHEET NO.	C1.02



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0 20 40 60

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SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMMET

09 / 06 / 2024

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LAYOUT PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1" = 20'
CHECKED BY OM	

SHEET NO.

C1.03

Line and Curve Table			
Line #/Curve #	Length	Direction/Delta	Radius
L78	242.362	N71° 08' 08.37"E	
L85	89.061	S44° 13' 42.58"W	
C26	26.031	042.6139	35.000
L87	46.226	S86° 50' 32.51"W	
C27	35.573	025.0087	81.500
C28	13.727	022.4708	35.000
L90	64.753	S89° 22' 48.85"W	
L79	67.741	N14° 33' 50.58"W	
L80	94.469	N15° 59' 11.50"W	
C24	1.606	001.8402	50.000
L82	97.099	N14° 08' 46.79"W	
C25	2.804	003.2134	50.000
L84	61.115	N10° 55' 58.55"W	
L72	318.631	N03° 17' 12.93"W	
C22	2.328	002.6672	50.000

Line and Curve Table			
Line #/Curve #	Length	Direction/Delta	Radius
L74	222.821	N00° 37' 11.15"W	
C23	62.250	071.3332	50.000
L76	168.143	N70° 42' 48.46"E	
L94	314.946	N86° 38' 50.96"E	
C30	50.126	028.7198	100.000
L96	38.190	N57° 55' 39.60"E	
C31	92.494	052.9953	100.000
L98	55.670	N04° 55' 56.46"E	
C32	16.740	009.5913	100.000
L100	18.564	N04° 39' 32.18"W	
L77	222.258	N71° 09' 34.20"E	

Point Table			
Point #	Elevation	Northing	Easting
1	0.000	1244582.1454	2203860.2192
2	0.000	1244637.7896	2203892.5854
3	0.000	1244919.2401	2203877.1182
4	0.000	1244576.2192	2203964.2561
5	0.000	1244924.9846	2203853.4611
6	0.000	1244569.8842	2203884.9663
7	0.000	1244925.7374	2203923.0506
8	0.000	1244919.9541	2203943.1144
9	0.000	1244850.1857	2203946.4961
10	0.000	1244772.3542	2203950.9660
11	0.000	1244987.5752	2203876.3790
12	0.000	1244943.6078	2204042.0227
13	0.000	1244945.4109	2204072.6792
14	0.000	1244968.3315	2204054.4799
15	0.000	1244986.5503	2203941.3116
16	0.000	1245015.6499	2204026.4774
17	0.000	1245022.7631	2204047.2957
18	0.000	1245045.3961	2204113.5358
19	0.000	1245036.5156	2204025.6885
20	0.000	1245059.2297	2204017.9381
21	0.000	1245106.5030	2204001.8077
22	0.000	1245129.2171	2203994.0572
23	0.000	1245176.1935	2203978.0281
24	0.000	1245053.5851	2203939.5616
25	0.000	1245076.2181	2204005.8017
26	0.000	1245083.3314	2204026.6200
27	0.000	1245109.1977	2204102.3230
28	0.000	1245118.5763	2204099.1228
29	0.000	1245092.7416	2204023.4091
30	0.000	1245085.7624	2204003.0731

Point Table			
Point #	Elevation	Northing	Easting
31	0.000	1245066.2010	2203945.8228
32	0.000	1245137.5711	2203875.1964
33	0.000	1245133.2906	2203944.0631
34	0.000	1245146.2080	2203981.9200
35	0.000	1245153.3125	2204002.7413
36	0.000	1245179.1473	2204078.4550
37	0.000	1245189.0242	2204075.2467
38	0.000	1245162.6008	2203999.7365
39	0.000	1245155.2827	2203978.8235
40	0.000	1245148.8240	2203959.8951
41	0.000	1245207.2108	2203927.3958
42	0.000	1245246.8459	2204040.6613
43	0.000	1245204.3074	2203854.1811
44	0.000	1244605.0657	2204046.2881
45	0.000	1245193.3238	2203824.2640
46	0.000	1244984.1917	2204156.6711
47	0.000	1244890.4660	2203977.5193
48	0.000	1244757.5922	2203885.7050
49	0.000	1244788.5412	2203883.9276
50	0.000	1244925.4561	2203897.0521
51	0.000	1244646.1239	2204072.6343
52	0.000	1244681.5039	2203956.1836
53	0.000	1244761.3723	2203951.5967
54	0.000	1244617.0868	2203994.9959
55	0.000	1244622.1307	2204020.7151
56	0.000	1244613.9110	2204013.4051
57	0.000	1244603.8051	2204024.7686
58	0.000	1244604.7149	2204040.2983
59	0.000	1245008.7971	2204037.3655
60	0.000	1244992.6693	2204051.0943

Point Table			
Point #	Elevation	Northing	Easting
61	0.000	1244926.9676	2203958.3178
62	0.000	1244938.2531	2203981.3135
63	0.000	1244935.9002	2203938.7063
64	0.000	1244931.6250	2204042.6838
65	0.000	1244894.6337	2204050.0872
66	0.000	1245209.2065	2203867.5252
67	0.000	1245125.2199	2203935.8936
68	0.000	1245129.9305	2203957.8440
69	0.000	1245262.4522	2204044.4713
70	0.000	1244537.2565	2203897.6324
71	0.000	1244627.9800	2203878.1292
72	0.000	1244621.7163	2203885.9245
73	0.000	1244946.2410	2203980.8724
74	0.000	1245191.3146	2203874.0939
75	0.000	1244962.1002	2203909.6565
76	0.000	1245009.3760	2203909.1451
77	0.000	1245087.0136	2203908.3053
78	0.000	1244986.7382	2204053.4644
79	0.000	1245018.5551	2204031.8170
80	0.000	1244949.1502	2203983.3452
81	0.000	1244986.5368	2204165.7336
82	0.000	1245182.6986	2203850.6256
83	0.000	1245028.2431	2204060.2096
84	0.000	1244854.1498	2204183.7017
85	0.000	1244960.5517	2204153.3866

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

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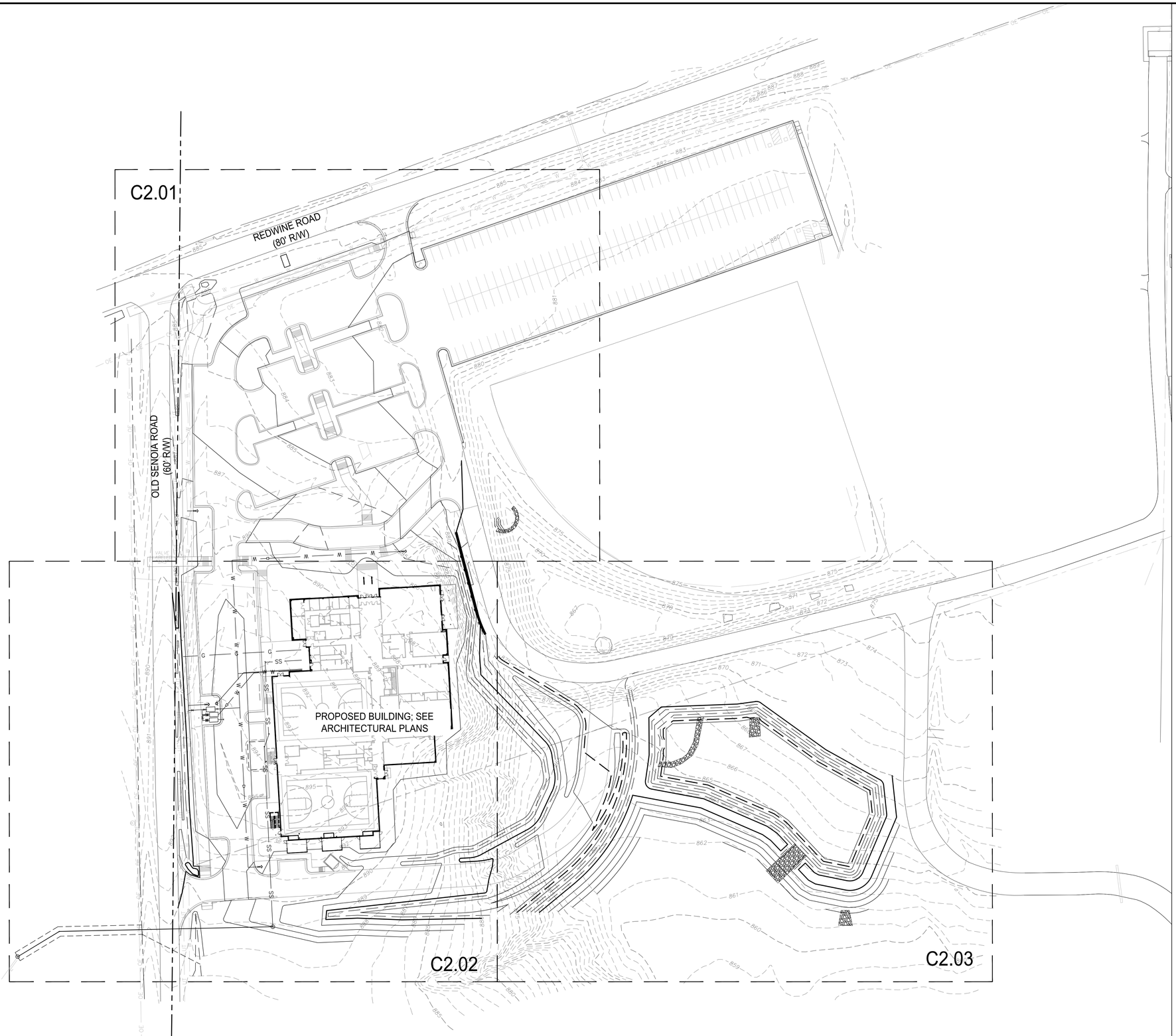
SHEET TITLE

SITE TABLES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

C1.04



GRADING NOTES:

1. CONTRACTOR RESPONSIBLE FOR VERIFYING EXISTING ELEVATIONS COMPARED TO THOSE SHOWN ON PLAN PRIOR TO GRADING. NOTIFY OWNER'S REPRESENTATIVE IF DISCREPANCIES ARE FOUND.
2. ALL GRADE TRANSITIONS TO BE SMOOTH AND EVEN. NO ABRUPT TRANSITIONS WILL BE ACCEPTED.
3. AREAS FOR CONSTRUCTION THAT REQUIRE DE-WATERING FOR EXCAVATION WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
4. DISTURBED AREAS LEFT IDLE FOR FIVE DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION. MULCH, TEMPORARY VEGETATION OR PERMANENT VEGETATION SHALL BE COMPLETED ON ALL EXPOSED AREAS WITHIN 14 DAYS AFTER DISTURBANCE. ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION UPON COMPLETION.
5. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE.
6. SEDIMENT/EROSION CONTROL DEVICES MUST BE INSPECTED ACCORDING TO LOCAL AND STATE REQUIREMENTS AND AS STIPULATED IN THE STORMWATER POLLUTION PREVENTION PLAN. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MAY BE NECESSARY AS THE PROJECT PROGRESSES AND NEW CHANNELS HAVE DEVELOPED.
7. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
8. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
9. PROVIDE POSITIVE DRAINAGE THROUGHOUT SITE.

CUT(CU. YD.)	FILL(CU. YD.)	NET(CU. YD.)
27,010	20,760	6,250<CUT>

*APPROXIMATE EARTHWORK VOLUMES. CONTRACTOR TO VERIFY ACTUAL AMOUNTS BASED ON PLANS AND BID EARTHWORK BASED ON CONTRACTOR QUANTITIES

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

0 50 100 150

SCALE: 1" = 50 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED No. PE036879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION MULTI-USE FACILITY

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GRADING & DRAINAGE PLAN KEY

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE 1" = 50'
CHECKED BY OM	

SHEET NO.

C2.00

REDWINE ROAD
(80' R/W)

OLD SENOIA ROAD
(60' R/W)

CONTRACTOR TO MAINTAIN EXISTING DRIVE UNTIL FINAL STABILIZATION

EXISTING ASPHALT DRIVE

D2 HW TC=884.44
88 LF 15-IN PIPE @1.0% SLOPE
TOP: 884.00
BOTTOM: 883.10

D1 HW TC=883.56
TOP: 884.00
BOTTOM: 883.20

SIDEWALK DRAIN 2 C4.02

TC:884.00
BC:883.50

883.00

15 LF 15-IN PIPE @2.0% SLOPE

A3-3 DI TC=881.20

A7 DI TC=883.20
TC:883.70
BC:883.20

60 LF 18-IN PIPE @2.0% SLOPE

A3-2 DI TC=881.20

TC:883.90
BC:883.40

TC:883.00
BC:882.50

A3-1 DI TC=881.50

TC:884.25
BC:883.75

14 LF 15-IN PIPE @2.0% SLOPE

TC:885.50
BC:885.00

A6 DI TC=883.20

14 LF 18-IN PIPE @2.0% SLOPE

TC:881.50
BC:881.00

A5 DI TC=882.70
TC:883.20
BC:882.70

61 LF 18-IN PIPE @2.0% SLOPE

A3 DI TC=881.00

13 LF 18-IN PIPE @2.0% SLOPE

TC:883.50
BC:883.00

TC:884.95
BC:884.45

A2 DI TC=881.50

62 LF 24-IN PIPE @2.0% SLOPE

TC:885.50
BC:885.00

TC:883.20
BC:882.70

TC:882.00
BC:881.50

A4 DI TC=882.70

131 LF 30-IN PIPE @2.85% SLOPE

TC:886.95
BC:886.45

TC:884.95
BC:884.45

TC:884.25
BC:883.75

TC:888.20
BC:887.70

A1 HW TC=875.50

B6 DI TC=884.10

TC:885.20
BC:884.70

B7 DI
TC=884.70

885.30

SEGMENTAL BLOCK RETAINING WALL
BW:880.00
TW:882.00
BW:879.00

TC:886.00
BC:885.50

TC:885.50
BC:885.00

885.50
51 LF 15-IN PIPE @ 2.0% SLOPE

TC:885.50

885.62

885.77

B5 DI
TC=884.30

886.16

885.82

886.00

886.50

886.00

64 LF 24-IN PIPE @2.0% SLOPE

886.50

886.50

886.40

886.80

886.95

TOP: 888.20
BOTTOM: 887.70

TOP: 888.30
BOTTOM: 887.80

VALVE
ABELEC
GAS

MATCHLINE - SEE SHEET C2.01

GRADING LEGEND

- SITE BOUNDARY / PROPERTY LINE
- LOD — SITE BOUNDARY / LIMITS OF DISTURBANCE
- 571 — PROPOSED INTERIM CONTOUR LINE
- 570 — PROPOSED INDEX CONTOUR LINE
- 571 — EXISTING INTERIM CONTOUR LINE
- 570 — EXISTING INDEX CONTOUR LINE
- 570.20 — PROPOSED SPOT ELEVATION
- SLOPE DIRECTIONAL ARROW
- PROPOSED HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED STORMWATER INLET

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

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 036879
SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

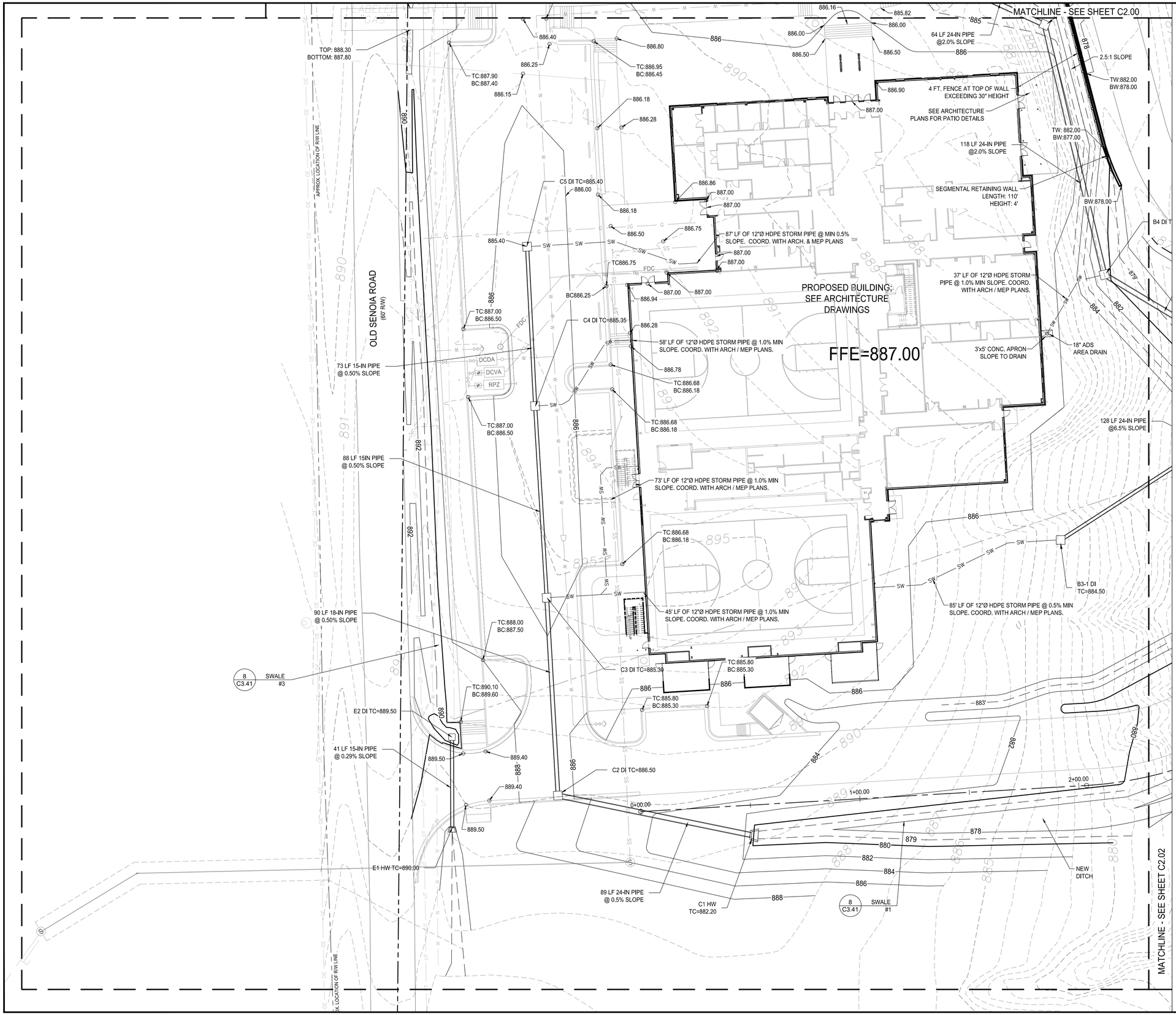
SHEET TITLE

GRADING & DRAINAGE PLAN

PROJECT NO.	DATE
21091	9 / 6 / 2024
DRAWN BY	SCALE
NW	1" = 20'
CHECKED BY	
OM	

SHEET NO.

C2.01



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FAYETTE COUNTY PARKS & RECREATION
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GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

GRADING & DRAINAGE PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY NW	SCALE 1" = 20'
CHECKED BY OM	
SHEET NO. C2.02	

MATCHLINE - SEE SHEET C2.01

EXISTING STORMWATER POND #1

EX DETENTION POND

EXISTING OUTLET STRUCTURE TO REMAIN

F2 OCS TC=874.0

116 LF 36-IN PIPE @2% SLOPE

EXISTING ASPHALT DRIVE

G2 YI EMERGENCY SPILLWAY TC=871.50

DETENTION POND 1 OUTLET STRUCTURE TYP. (1 / C3.42)

100 LF 36-IN PIPE @2.0% SLOPE

B4 DI TC=881.00

102 LF 24-IN PIPE @4.0% SLOPE

B3 DI TC=875.50

F1 HW TC=868.0

G1 HW TC=869.00

B1 HW TC=868.00

DETENTION POND 2 BASIN (2 / C3.42)

B2 Y.I. TC=873.70

64 LF 30-IN PIPE @5.69% SLOPE

FOREBAY

3(H):1(V) PROPOSED SLOPES IN POND AREA

TOP OF POND =870.0

10' WIDE BERM

47 LF 36-IN PIPE @ 5.46% SLOPE

H2 OCS TC=869.0

DETENTION POND 2 OUTLET STRUCTURE (2 / C3.42)

2 / C3.42 DETENTION POND 2 EMERGENCY SPILLWAY

SWALE #1 (8 / C3.41)

HEADWALL TYP. (6 / C3.41)

EMERGENCY SPILLWAY

H1 HW TC=867.0

GRADING LEGEND

- SITE BOUNDARY / PROPERTY LINE
- LOD — SITE BOUNDARY / LIMITS OF DISTURBANCE
- PROPOSED INTERIM CONTOUR LINE
- PROPOSED INDEX CONTOUR LINE
- EXISTING INTERIM CONTOUR LINE
- EXISTING INDEX CONTOUR LINE
- 570.20 PROPOSED SPOT ELEVATION
- SLOPE DIRECTIONAL ARROW
- PROPOSED HEADWALL
- PROPOSED STORMWATER LINE
- PROPOSED STORMWATER INLET

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

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER SCOTT E. SAMMET No. 036879

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

GRADING & DRAINAGE PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY NW	SCALE 1" = 20'
CHECKED BY OM	

SHEET NO.

C2.03

21091_ GA Parks and Rec Multiuse Facility, Fayette County

Pipe Chart

DS Structure	US Structure	DS Invert (FT)	US Invert (FT)	LENGTH (LF)	SLOPE	DIAMETER (INCHES)	TYPE PIPE	STRUCTURE ID	STRUCTURE TYPE	T.C. ELEV. (FT)
A1	A2	872.00	873.74	111	1.57%	30	RCP	A1	HW	875.50
A2	A3	874.24	875.46	62	2.00%	24	RCP	A2	DROP INLET	881.50
A3	A4	875.46	877.50	102	2.00%	24	RCP	A3	DROP INLET	881.00
A4	A5	878.00	878.26	13	2.00%	18	RCP	A4	DROP INLET	882.70
A5	A6	878.26	879.47	61	2.00%	18	RCP	A5	DROP INLET	882.70
A6	A7	879.72	880.00	14	2.02%	15	RCP	A6	DROP INLET	883.20
A7								A7	DROP INLET	883.20
A3	A3-1	875.80	876.08	14	2.01%	18	RCP			
A3-1	A3-2	876.18	877.37	60	1.99%	18	RCP	A3-1	DROP INLET	881.50
A3-2	A3-3	877.48	877.77	15	1.97%	15	RCP	A3-2	DROP INLET	881.20
A3-3								A3-3	DROP INLET	881.20
B1	B2	864.45	866.95	48	5.31%	36	RCP	B1	HW	868.28
B2	B3	867.45	870.68	64	5.06%	30	RCP	B2	DROP INLET	873.70
B3	B4	871.18	874.82	102	3.59%	24	RCP	B3	DROP INLET	875.54
B4	B5	874.82	877.16	118	2.00%	24	RCP	B4	DROP INLET	881.00
B5	B6	877.16	878.43	64	2.00%	24	RCP	B5	DROP INLET	884.30
B6	B7	879.18	880.98	91	1.99%	15	RCP	B6	DROP INLET	884.10
B7								B7	DROP INLET	884.70
B3	B3-1	871.18	879.45	128	6.50%	15	RCP			
B3-1								B3-1	DROP INLET	884.50
C1	C2	879	879.75	90	0.84%	24	RCP	C1	HW	882.16
C2	C3	879.75	880.2	91	0.50%	18	RCP	C2	DROP INLET	886.50
C3	C4	880.2	880.64	88	0.50%	15	RCP	C3	DROP INLET	885.30
C4	C5	880.64	881	73	0.50%	15	RCP	C4	DROP INLET	885.35
C5								C5	DROP INLET	885.40
D1	D2	882.05	882.40	89	0.40%	15	RCP	D1	HW	884.00
D2								D2	HW	884.44
E1	E2	887.09	887.21	41	0.29%	15	RCP	E1	HW	889.50
E2								E2	DROP INLET	889.15
F1	F2 OCS	864.18	866.47	105	2.19%	36	RCP	F1	HW	868.01
F2 OCS								F2 OCS	OCS	874.00
G1	G2	865	866.98	103	1.94%	36	RCP	G1	HW	869.00
G2								G2	DROP INLET	871.50
H1	H2 OCS	861.97	863.5	52	2.99%	48	RCP	H1	HW	867.00
H2 OCS								H2 OCS	OCS	869.00

GEORGIA REGISTERED PE No. 036879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

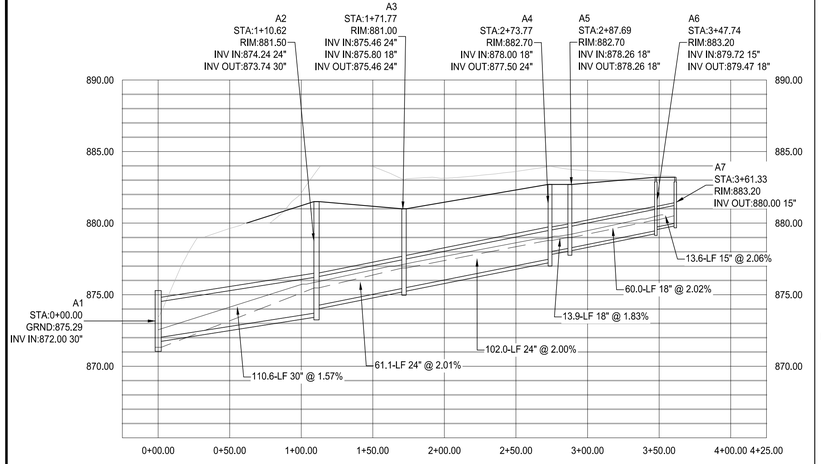
SHEET TITLE

PIPE CHART

PROJECT NO.	DATE
21091	9 / 6 / 2024
DRAWN BY: SB	SCALE: NTS
CHECKED BY: OM	

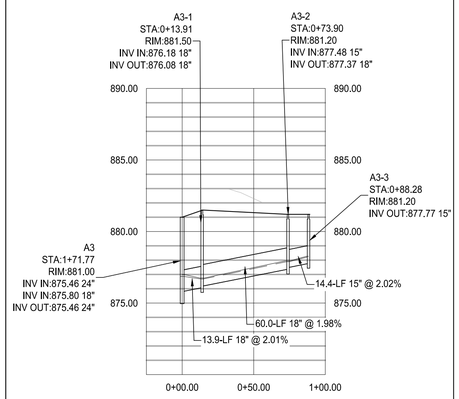
SHEET NO.

C2.50



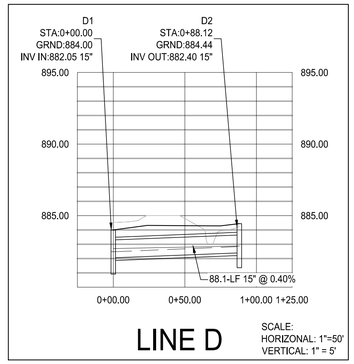
LINE A

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



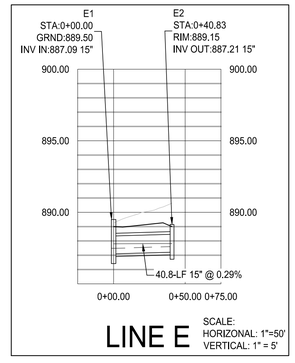
LINE A3

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



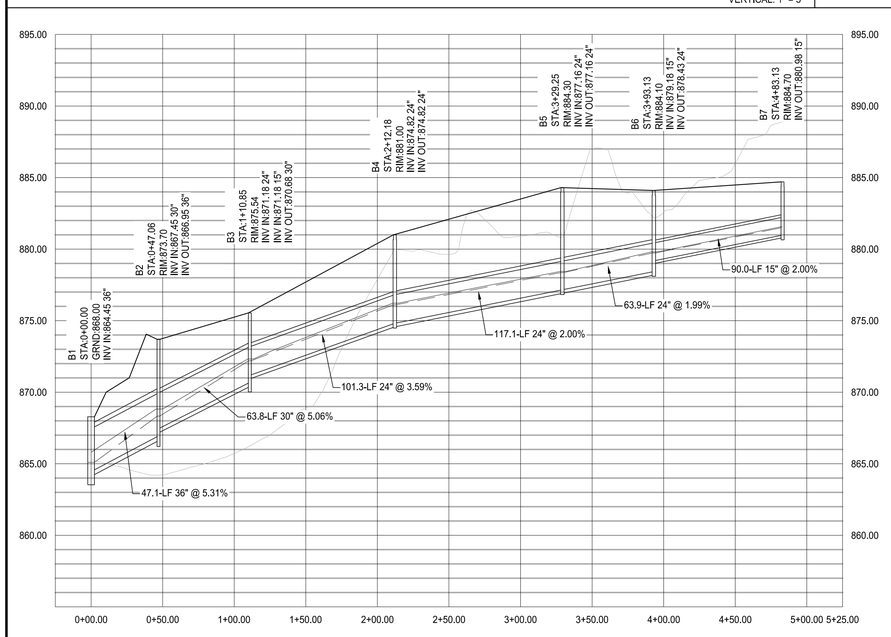
LINE D

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



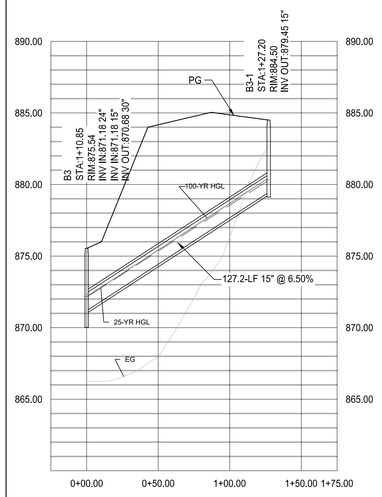
LINE E

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



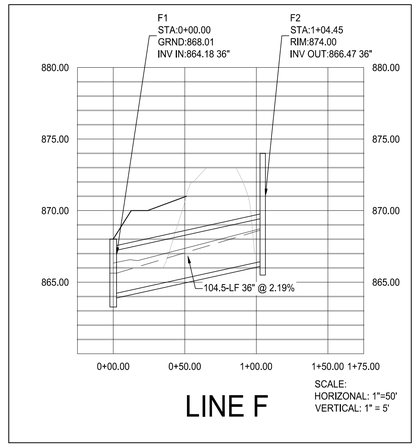
LINE B

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



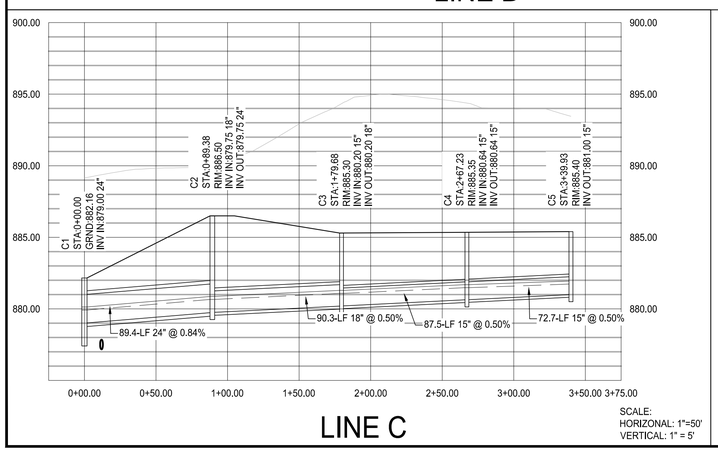
LINE B3

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



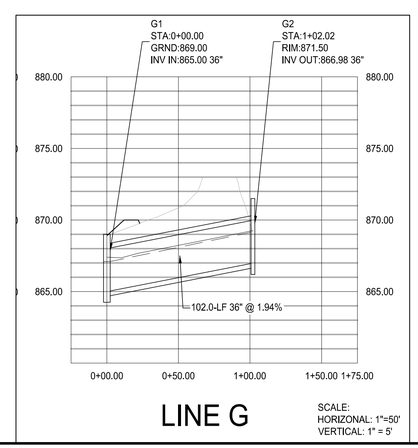
LINE F

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



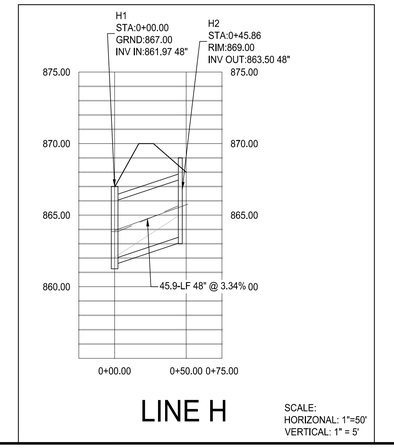
LINE C

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



LINE G

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'



LINE H

SCALE:
HORIZONAL: 1"=50'
VERTICAL: 1" = 5'

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 12 No. LA001394 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 036879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

STORM PROFILES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	
SHEET NO. C2.60	

NRCS SOILS TYPE LEGEND			
CeB	CECIL SANDY LOAM	2 TO 6 % SLOPES	SOIL GROUP: C
CfC2	CECIL SANDY CLAY LOAM	6 TO 10 % SLOPES	SOIL GROUP: B
DgB	DAVIDSON LOAM	2 TO 6 % SLOPES	SOIL GROUP: B
DgC	DAVIDSON LOAM	6 TO 10 % SLOPES	SOIL GROUP: B

GENERAL SITE GROUND COVER:
THE EXISTING SITE IS MOSTLY GRASS OR WOODED AREA, PARKING LOT AREAS, AND A BUILDING

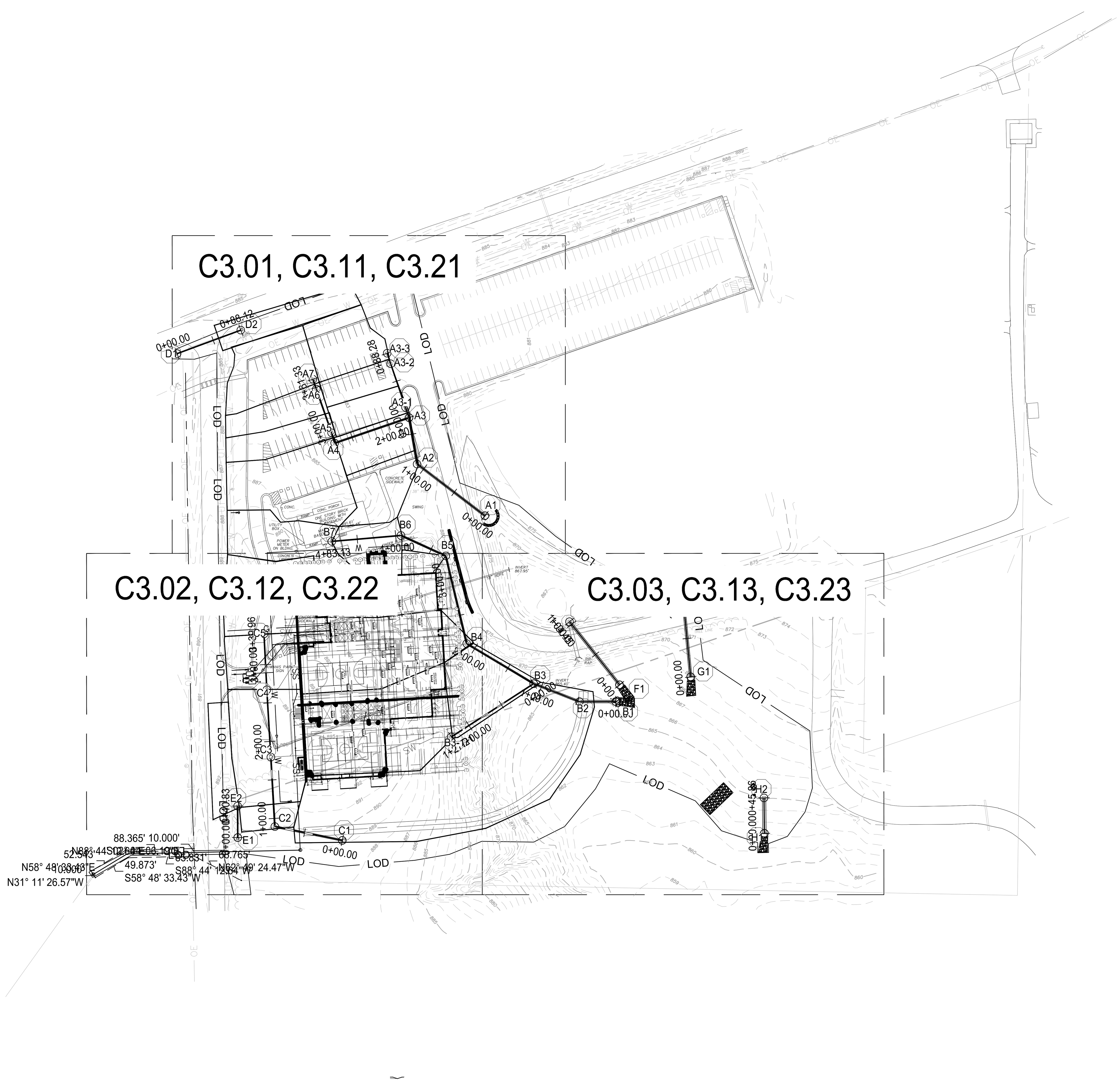
PROJECT SCOPE OF WORK:
PROVIDE ALL MATERIALS, EQUIPMENT AND LABOR, WHICH INCLUDES SITE CLEARING AND GRUBBING, LAYOUT, EROSION CONTROL, EARTHWORK, CAST-IN-PLACE CONCRETE, ASPHALT PAVING, CONCRETE PAVING, STORM SEWER, WATER DISTRIBUTION, AND SANITARY SEWAGE INFRASTRUCTURE, FENCING, COMMUNITY CENTER, PARKING LOTS, SITE LIGHTING, SIGNAGE, LANDSCAPING, AND OTHER TRADES/ PRODUCTS AS DETAILED IN THE CONSTRUCTION DOCUMENT PLANS AND SPECIFICATIONS.

FLOODPLAIN NOTE:
THIS SITE IS LOCATED WITHIN A ZONE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13113C0111E FOR FAYETTE COUNTY, GEORGIA (SEPTEMBER 26, 2008).

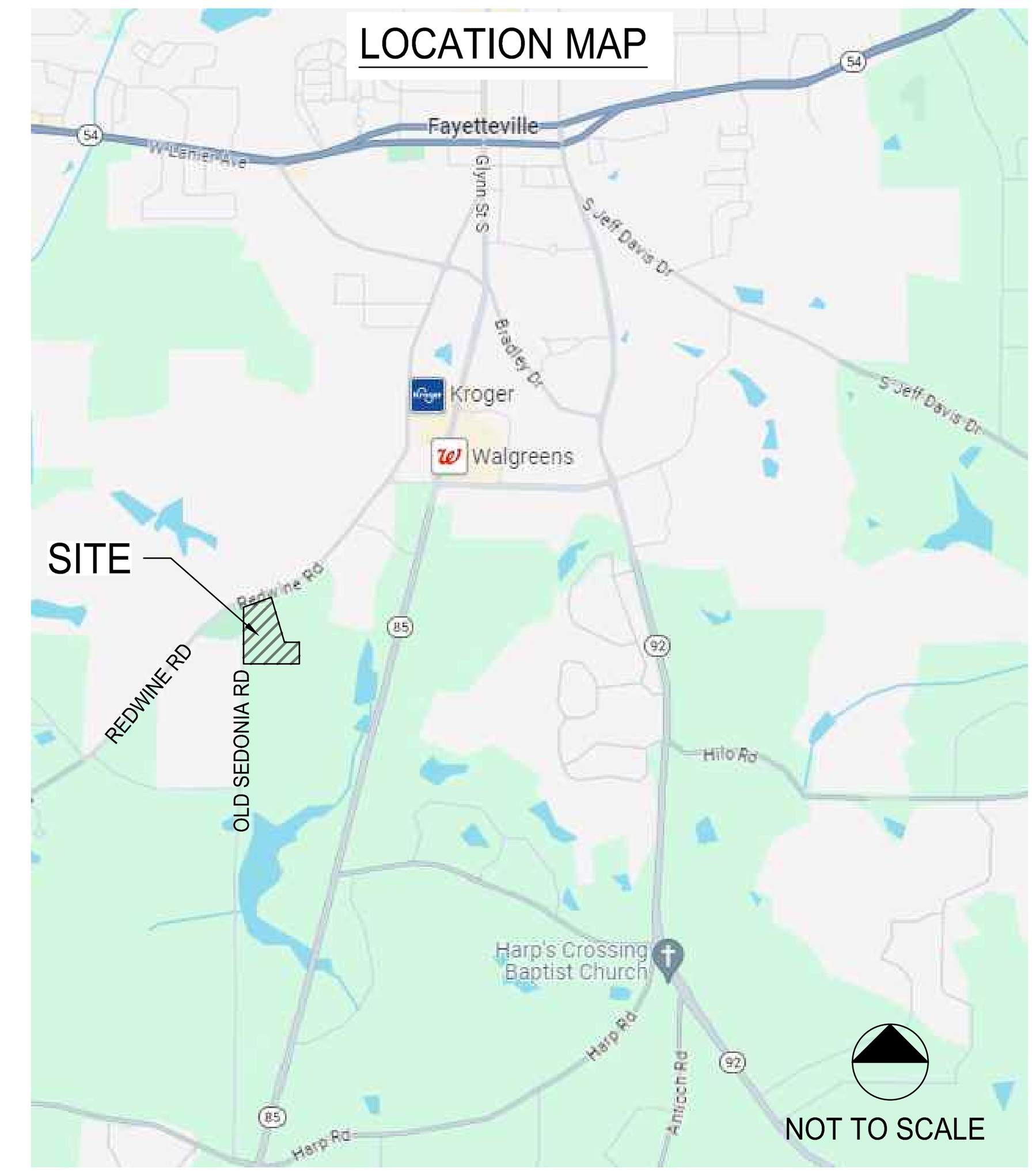
PHASE III EROSION CONTROL NOTE:
ALL EROSION CONTROL MEASURES TO BE INSTALLED PER 2016 GREEN BOOK. CONTRACTOR TO REMOVE SILT FENCE AFTER ALL SOIL IS STABILIZED AND AFTER ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

EXISTING USE: PARKS & RECREATION
PROPOSED USE: PARKS & RECREATION



LOCATION MAP



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
2. ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED FROM SITE AT COMPLETION OF PROJECT OR WHEN CONTRIBUTING DRAINAGE AREA ACHIEVES FINAL STABILIZATION. STORM DRAIN OUTLET PROTECTION TO REMAIN IN PERMANENT CONDITION. ALL OTHER EROSION CONTROL MEASURES ON THIS SHEET ARE TEMPORARY.

MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Cd-S	STONE CHECK DAM	
— TR —	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
— SF —	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
—CFS—	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
	Sd3	TEMPORARY SEDIMENT BASIN	
	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

CLEARING PHASE-EROSION CONTROL NOTES

PRIOR TO THE LAND DISTURBING CONSTRUCTION THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.
1. THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.
2. THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
3. NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS OR STREAM BUFFERS, IF POSSIBLE.
4. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
5. 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.
6. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITIES SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES. NO LAND DISTURBANCE SHALL TAKE PLACE OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
7. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.
8. THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
   1. THE CONSTRUCTION EXIT, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLANS. THE STONE SIZE SHALL CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3-1/2" IN DIAMETER AND OVERLAID ON A GEOTEXTILE UNDERLINER. THE GEOTEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M266-96, SECTION 7.3 SEPARATION REQUIREMENTS.
   2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXIT ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
   3. TYPE 'C' SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-27.1. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
   4. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLANS. SEE SEPARATE DETAIL FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED.
   5. STONE CHECK DAMS SHALL BE INSTALLED ON ALL EXISTING CONCENTRATED FLOWS AS SHOWN ON THE PLANS.
   6. TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
9. AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT CONSTRUCTION OF ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTOR.
10. AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUNOFF.
11. THE DESIGN PROFESSIONAL WHO PREPARED THE ESPC PLAN WILL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN SEVEN DAYS AFTER INSTALLATION.
12. THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
13. NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.
14. ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLANS AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
15. ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983.
16. ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163, AND 164 OF GEORGIA D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
17. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
18. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
ALL AREAS LEFT DISTURBED GREATER THAN 6 MONTHS SHALL BE PERMANENTLY VEGETATED.
19. SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
20. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3 INCH STONE, AS CONDITIONS DEMAND. ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
21. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
22. 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, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.
23. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLAN.
24. THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.
25. ALL CLEARING AND GRUBBING DEBRIS TO BE CHIPPED AND MULCHED FOR USE IN SEDIMENT AND EROSION CONTROL PREVENTION.

PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:
(770) 305-5420
EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS DELINEATED AS A "RIVERINE" HABITAT CLASSIFIED AS A R4SBC.
- THERE ARE NO DELINEATED STATE WATERS LOCATED ONSITE
- THE RECEIVING WATERS FOR THIS SITE IS PERRY CREEK
- THE SITE IS NOT LOCATED LESS THAN 1-MILE FROM AN IMPAIRED STREAM SEGMENT

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

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

0 100 200 300
SCALE: 1" = 100 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
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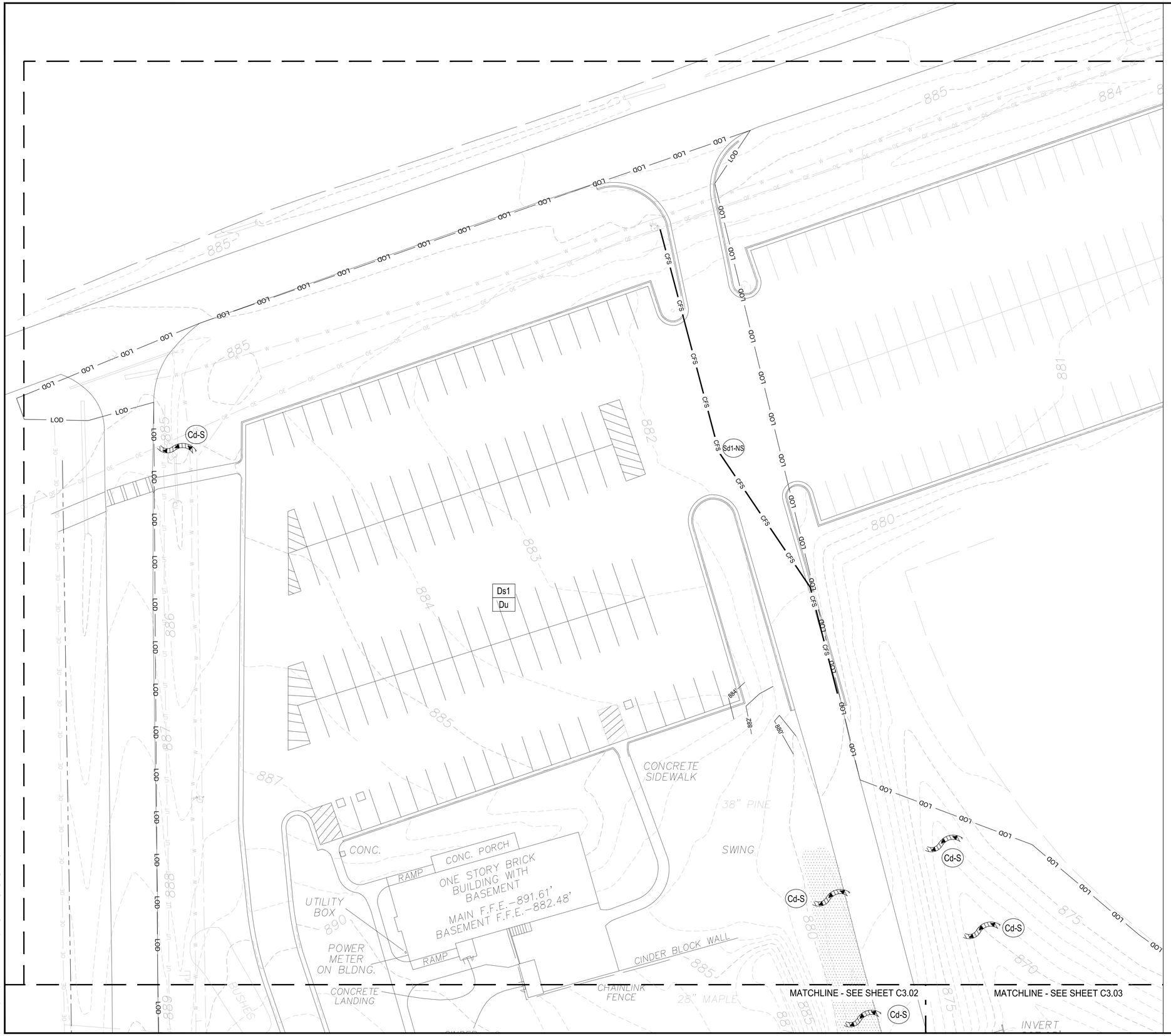
SHEET TITLE
ESPC PLAN KEY

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE VARIES
CHECKED BY OM	

SHEET NO.
C3.00



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
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MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Cd-S	STONE CHECK DAM	
TR	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
SF	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
	Sd3	TEMPORARY SEDIMENT BASIN	
	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS AN UNNAMED TRIBUTARY TO PERRY CREEK.
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PRIMARY PERMITTEE / OWNER CONTACT:
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(770) 305-5420
24-HR. EMERGENCY CONTACT:
(770) 305-5420
EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

DESIGNER GSWCC LEVEL II

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GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number: 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

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

0 20 40 60
SCALE: 1" = 20'

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED 09/15/2024 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 0000085101 PROFESSIONAL ENGINEER SCOTT E. SAMMET

09/06/2024
LEVEL III #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

GEORGIA

FAYETTE COUNTY

FAYETTE COUNTY

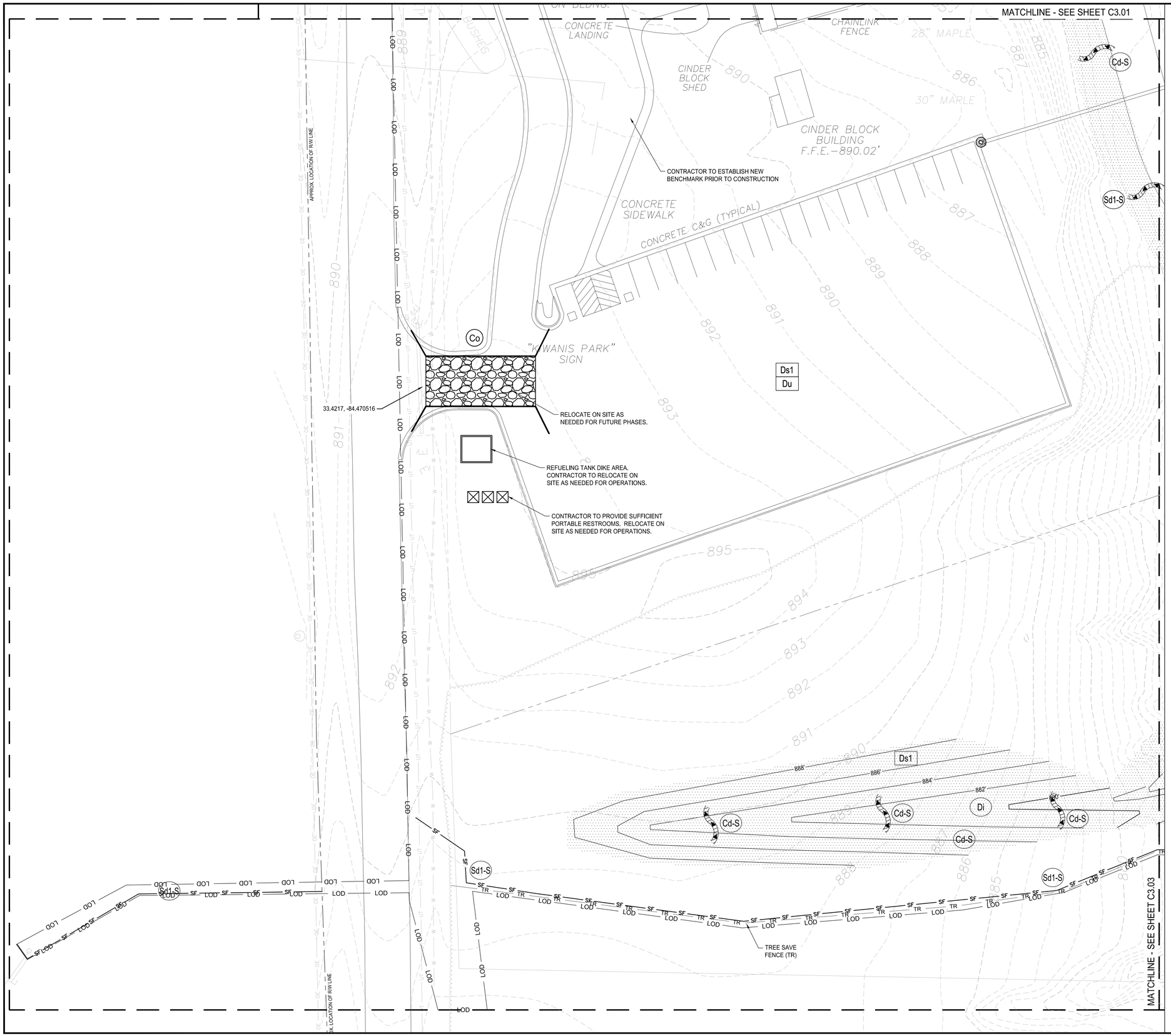
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH1

PROJECT NO.	DATE
21091	9 / 6 / 2024
DRAWN BY	SCALE
SB	NTS
CHECKED BY	
OM	

SHEET NO.
C3.01



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT. NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
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MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Cd-S	STONE CHECK DAM	
TR	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
SF	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
	Sd3	TEMPORARY SEDIMENT BASIN	
	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS AN UNNAMED TRIBUTARY TO PERRY CREEK.
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PRIMARY PERMITTEE / OWNER CONTACT:
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(770) 305-5420
24-HR. EMERGENCY CONTACT:
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EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

DESIGNER GSWCC LEVEL II

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GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

Know what's below. Call before you dig.

0 20 40 60
SCALE: 1" = 20 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED 15 2 2 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 0000085101 PROFESSIONAL ENGINEER SCOTT E. SAMMET
09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION MULTI-USE FACILITY

GEORGIA
FAYETTE COUNTY
FAYETTE COUNTY

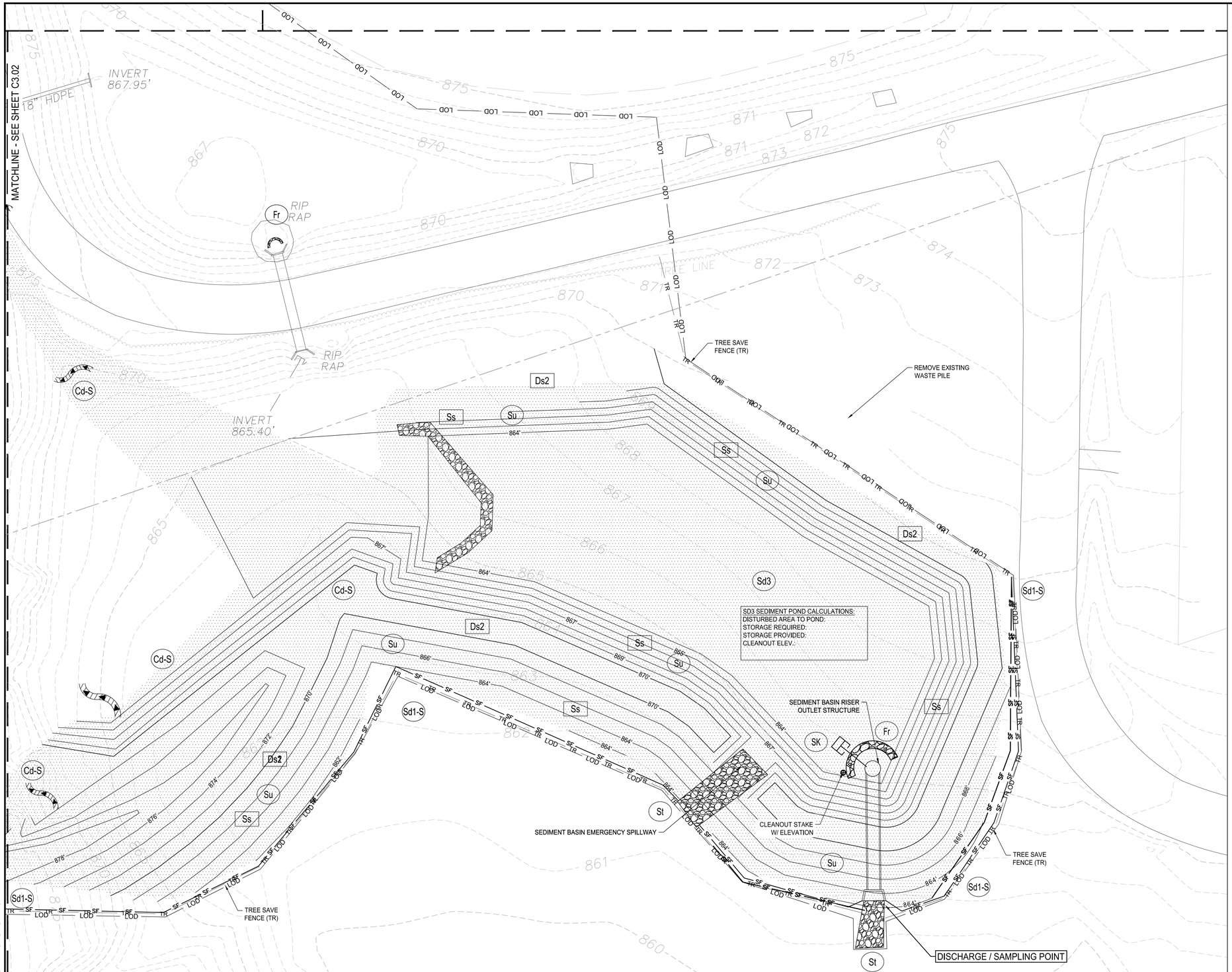
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH1

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.02



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
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MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Cd-S	STONE CHECK DAM	
TR	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
SF	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
	Sd3	TEMPORARY SEDIMENT BASIN	
	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS AN UNNAMED TRIBUTARY TO PERRY CREEK.
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PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:
(770) 305-5420
EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

Know what's below. Call before you dig.

0 20 40 60
SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 1512 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. PE036879 PROFESSIONAL ENGINEER SCOTT E. SAMMET

09 / 06 / 2024

LEVEL III PE 000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

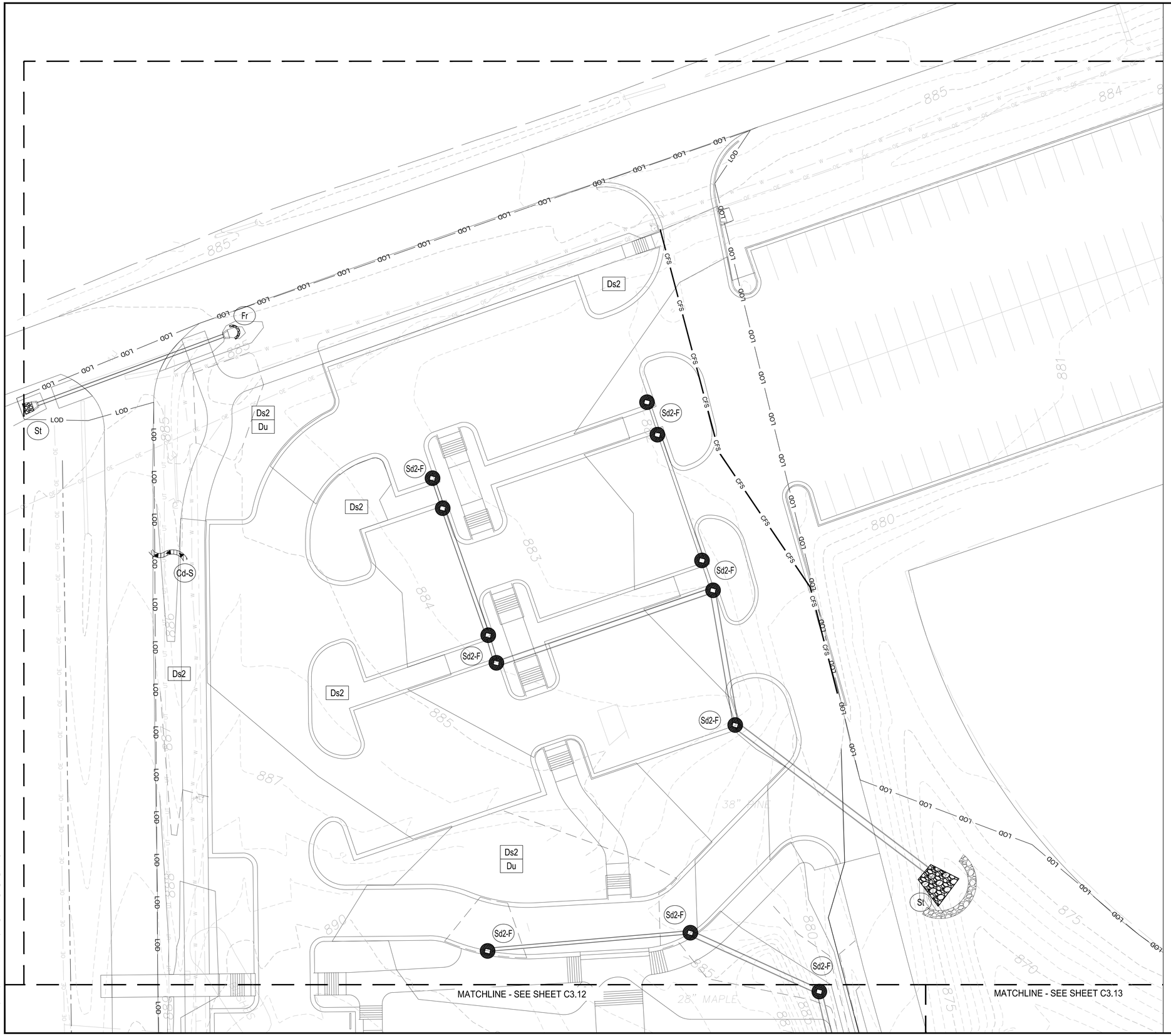
SHEET TITLE

ESPC SERIES PH1

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

C3.03



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
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	Cd-S	STONE CHECK DAM	
TR	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
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CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
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	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

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24-HR. EMERGENCY CONTACT:
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EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
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DESIGNER GSWCC LEVEL II

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GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

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

0 20 40 60
SCALE: 1" = 20 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMMET

09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

GEORGIA
FAYETTE COUNTY
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH2

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.11

UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
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	Cd-S	STONE CHECK DAM	
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Aaron J St Pierre
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AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

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SCALE: 1" = 20 '

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GEORGIA REGISTERED NO. 028879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY
GEORGIA

FAYETTE COUNTY

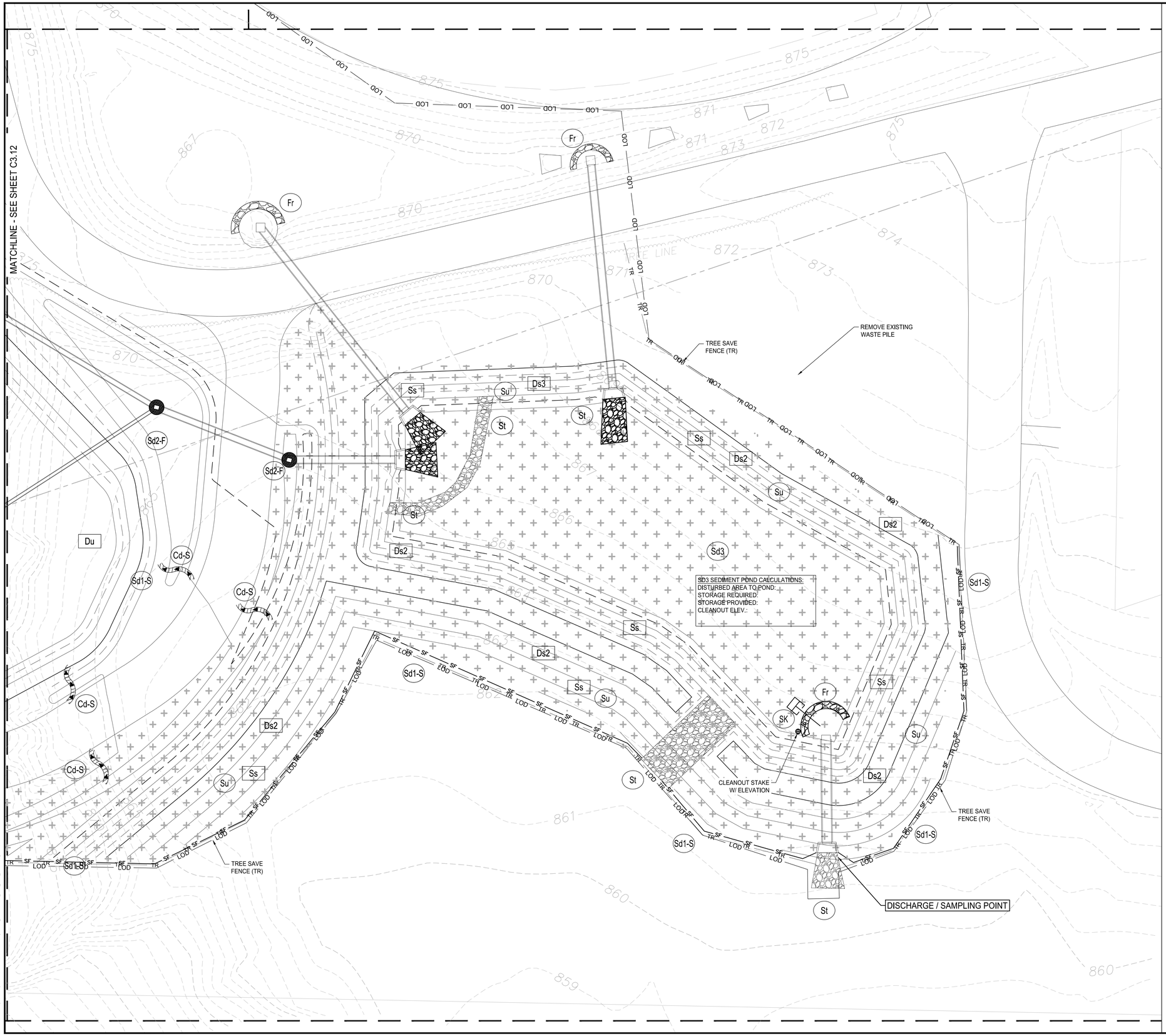
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH2

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.12



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
1. ALL PHASE 1 PRACTICES TO BE COMPLETED PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES. PHASE 2 PRACTICES TO BE IMPLEMENTED AS NEEDED DURING CONSTRUCTION. PHASE 3 PRACTICES TO BE IMPLEMENTED AS SOON AS CONSTRUCTION IS COMPLETE ON DIFFERENT ASPECTS OF THE PROJECT, NOT AT END OF ALL CONSTRUCTION ACTIVITIES FOR ENTIRE SITE.
2. ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED FROM SITE AT COMPLETION OF PROJECT OR WHEN CONTRIBUTING DRAINAGE AREA ACHIEVES FINAL STABILIZATION. STORM DRAIN OUTLET PROTECTION TO REMAIN IN PERMANENT CONDITION. ALL OTHER EROSION CONTROL MEASURES ON THIS SHEET ARE TEMPORARY.

MAP SYMBOL	CODE	PRACTICE	CALLOUT(S)
	Cd-S	STONE CHECK DAM	
TR	Tr	TREE SAVE FENCE	
	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
SF	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
	Sd3	TEMPORARY SEDIMENT BASIN	
	Sd4-C	TEMPORARY SEDIMENT TRAP	
	Sk	FLOATING SURFACE SKIMMER	
	St	STORMDRAIN OUTLET PROTECTION	
	Ss	SLOPE STABILIZATION	
	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

- THERE ARE NO DELINEATED ON-SITE WETLANDS WITHIN 200 FEET OF THE PROJECT SITE. THE RECEIVING STREAM IS AN UNNAMED TRIBUTARY TO PERRY CREEK.
- THERE ARE NO DELINEATED STATE WATERS LOCATED ONSITE
- THE DOWNSTREAM RECEIVING WATER FOR THIS SITE IS PERRY CREEK
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PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
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FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:
(770) 305-5420
EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

THERE ARE NO STATE OR COUNTY STREAM BUFFER ENCROACHMENTS ON THIS SITE FOR EXEMPT UTILITY CONNECTION PURPOSES.

CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
TOTAL IMPERVIOUS AREA: 3.50 AC
PERCENT IMPERVIOUS/DISTURBED: 45%

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

Know what's below. Call before you dig.

0 20 40 60
SCALE: 1" = 20 '

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMMET

09 / 06 / 2024

LEVEL III PE 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

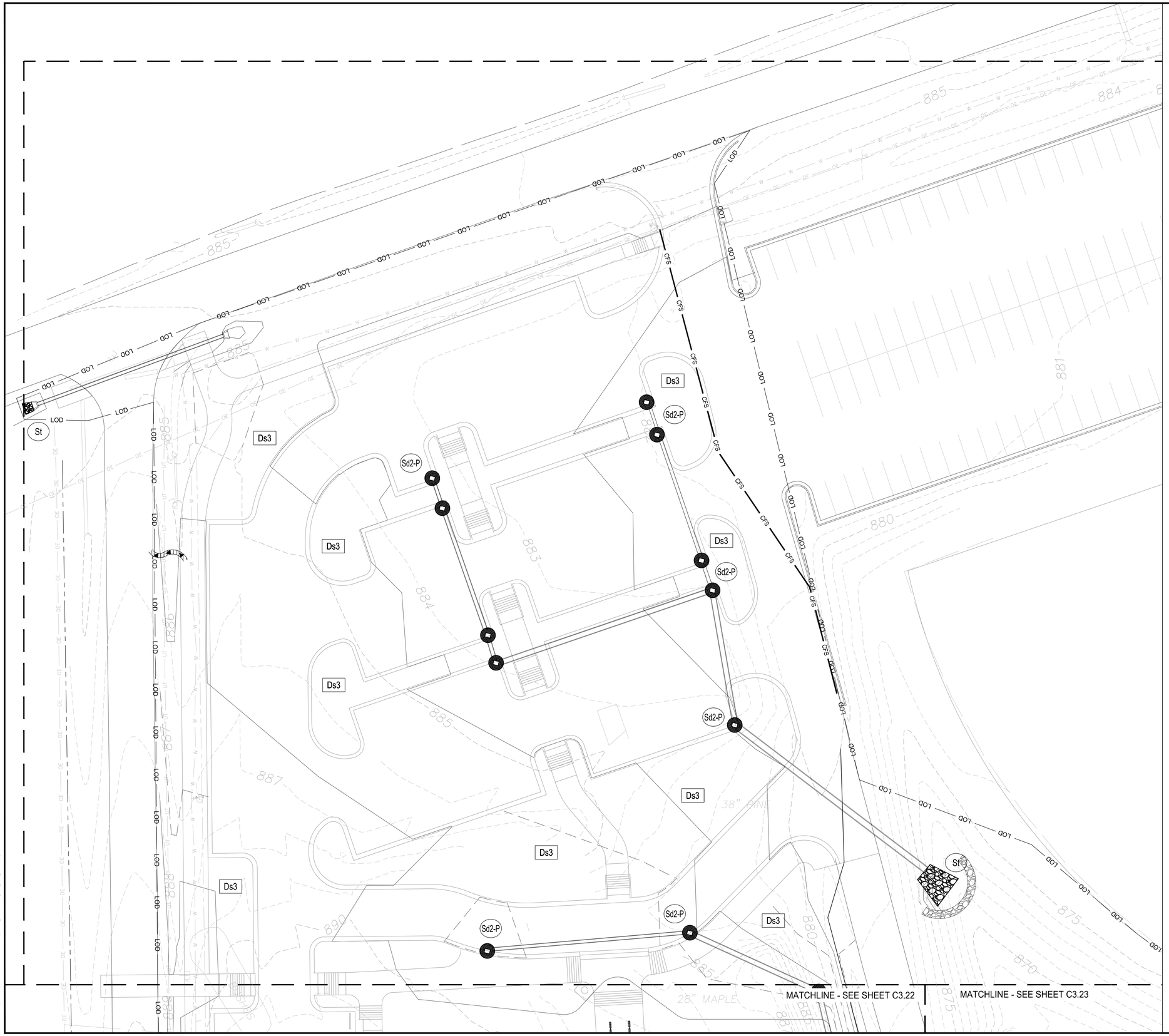
SHEET TITLE

ESPC SERIES PH2

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

C3.13



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

NOTE:
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	Co	CONSTRUCTION EXIT	
	Di	DIVERSION	
	Sd2-x	INLET SEDIMENT TRAPS	
SF	Sd1-S	SEDIMENT BARRIER (SENSITIVE AREA)	
CFS	Sd1-NS	SEDIMENT BARRIER (COMPOST FILTER SOCK) (NON-SENSITIVE AREA)	
	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
	Du	DUST CONTROL ON DISTURBED AREAS	
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	Sd4-C	TEMPORARY SEDIMENT TRAP	
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	St	STORMDRAIN OUTLET PROTECTION	
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	Su	SURFACE ROUGHENING	
	Cr	CONSTRUCTION ROAD STABILIZATION	
	Fr	FILTER RING	

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CONSTRUCTION ADDRESS:
980 REDWINE RD
FAYETTEVILLE, GA 30215

TOTAL PROJECT AREA: 10.15 AC
TOTAL DISTURBED AREA: 7.78 AC
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PERCENT IMPERVIOUS/DISTURBED: 45%

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AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

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GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMMET

09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION MULTI-USE FACILITY

GEORGIA

FAYETTE COUNTY

FAYETTE COUNTY

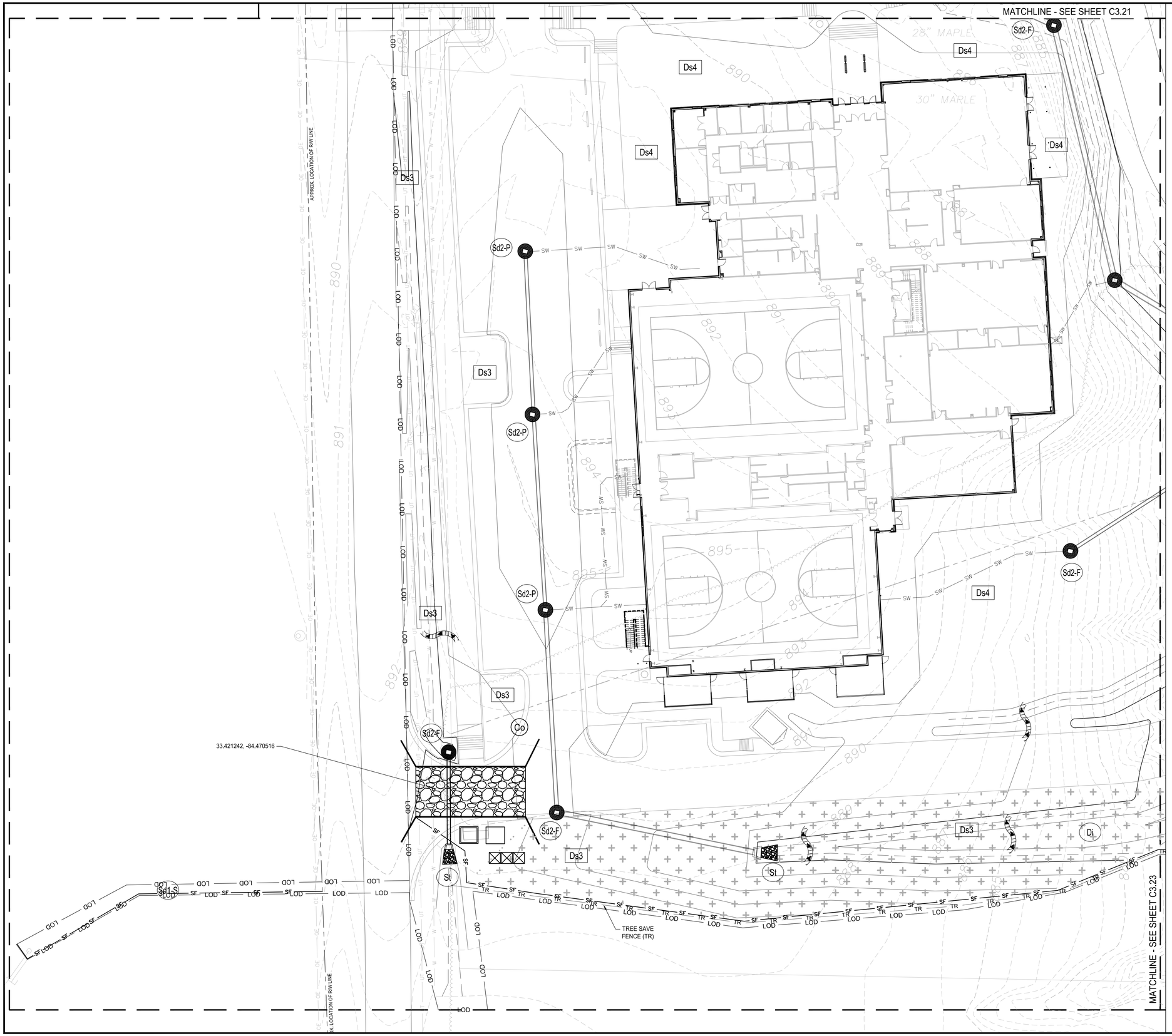
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH3

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.21



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

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	Fr	FILTER RING	
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Certification Number 0000085101
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09 / 06 / 2024
LEVEL III # 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

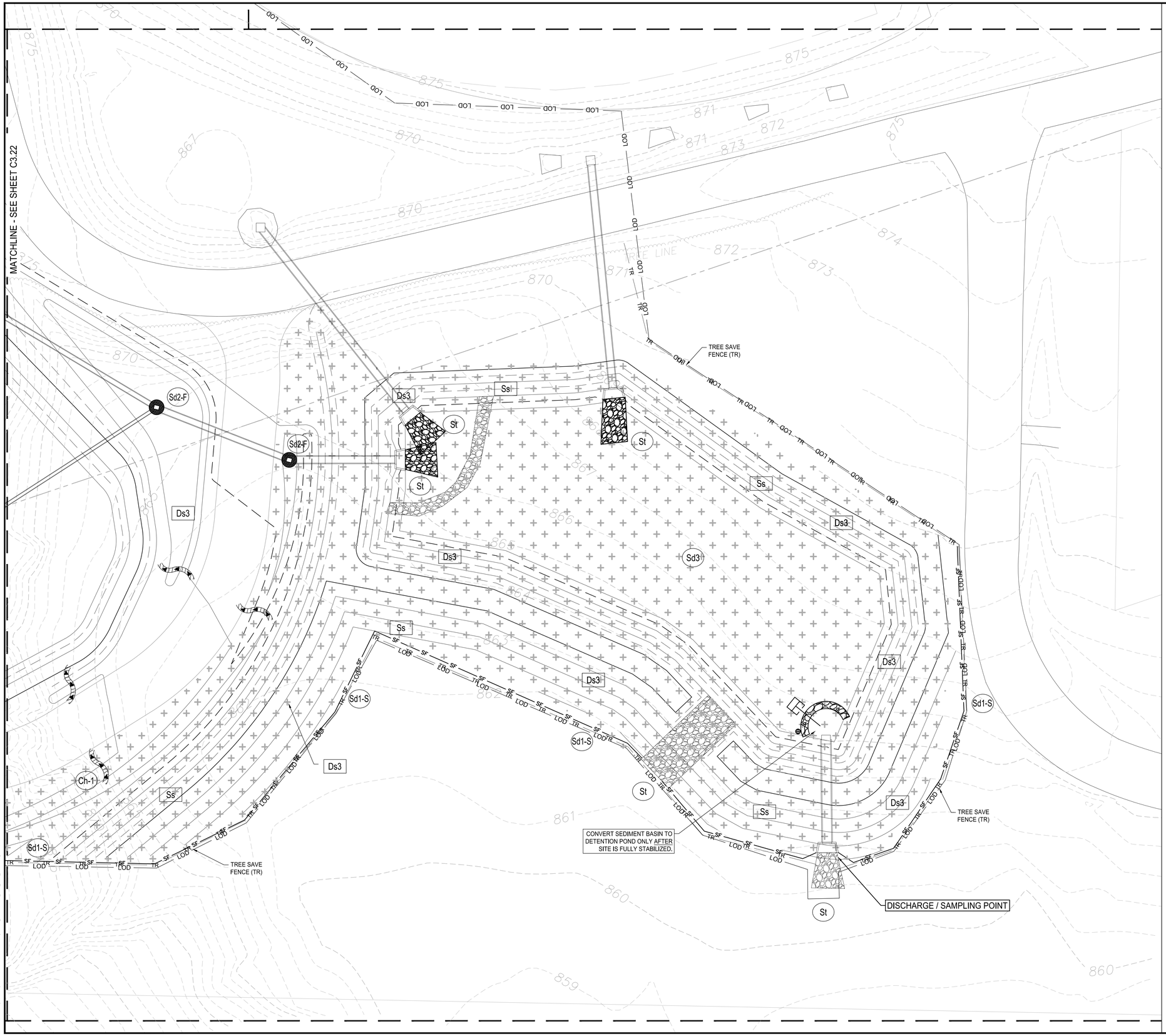
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH3

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.22



UNIFORM CODING SYSTEM FOR SOIL EROSION & SEDIMENT CONTROL PRACTICES

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AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

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GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 0068879 SCOTT E. SAMMET

09 / 06 / 2024
LEVEL III # 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC SERIES PH3

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	
SHEET NO. C3.23	

CLEARING PHASE EROSION CONTROL NOTES

PRIOR TO THE LAND DISTURBING CONSTRUCTION THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.

THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.

THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS OR STREAM BUFFERS, IF POSSIBLE.

A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITIES SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES. NO LAND DISTURBANCE SHALL TAKE PLACE OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.

THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.

1. THE CONSTRUCTION EXIT, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLANS. THE STONE SIZE SHALL CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3-1/2" IN DIAMETER AND OVERLAID ON A GEOTEXTILE UNDERLINER. THE GEOTEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M266-96, SECTION 7.3 SEPARATION REQUIREMENTS.
2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXIT ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
3. TYPE 'C' SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-27.1. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
4. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLANS. SEE SEPARATE DETAIL FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED.
5.STONE CHECK DAMS SHALL BE INSTALLED ON ALL EXISTING CONCENTRATED FLOWS AS SHOWN ON THE PLANS.
6. TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.

AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT CONSTRUCTION OF ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTOR.

AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUNOFF.

THE DESIGN PROFESSIONAL WHO PREPARED THE ESPC PLAN WILL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN SEVEN DAYS AFTER INSTALLATION.

THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.

NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.

ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLANS AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.

ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983.

ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163, AND 164 OF GEORGIA D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3 INCH STONE, AS CONDITIONS DEMAND. ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

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, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLAN.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.

ALL CLEARING AND GRUBBING DEBRIS TO BE CHIPPED AND MULCHED FOR USE IN SEDIMENT AND EROSION CONTROL PREVENTION.

GRADING PHASE EROSION CONTROL NOTES

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION:

MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL, CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES REGARDING PROJECT SEQUENCE.

DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATION, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB PHASES SHOWN ON PLANS.

EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.

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

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE SHOWN IN THE PLANS. THESE BARRIERS MAY BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED. AS THEY ARE RELOCATED, ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.

ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF 10FT OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS IMMEDIATELY.

TYPE "C" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS AND ALL FILL SLOPES 10FT OR GREATER IN HEIGHT. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. ADDITIONALLY, DIVERSION DIKES SHALL BE SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORMWATER RUNOFF AS SHOWN ON THE PLANS.

INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.

STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

ALL DRAINAGE SWALES SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

ALL GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

AFTER PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE 1/3 DEPTH OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. INDICATORS MUST BE INSTALLED IN SEDIMENT BASINS INDICATING THE 1/3 FULL VOLUME FOR CLEANOUT.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

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, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO ANY CONSTRUCTION ACTIVITY BY OTHERS.

ALL INLET HEADWALLS TO BE PROTECTED WITH SILT GATES, AND ALL DROP INLETS TO BE UNDERCUT 1.5FT DEEP BY 10FT IN DIAMETER.

ERODED VEGETATED SLOPES WILL BE BACKFILLED, SMOOTHED, SEEDED OR GRASSED AND COVERED WITH GEOTEXTILE MATTING.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

FINAL PHASE EROSION CONTROL NOTES

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION:

MAINTAIN FULL COORDINATION WITH THE DESIGN PROFESSIONAL, CONTRACTOR AND REGULATORY INSPECTOR AT ALL TIMES REGARDING PROJECT SEQUENCE.

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT PONDS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE HALF-WAY POINT ON THE RISER.

AFTER CURBING, GRADED AGGREGATE BASE, AND PAVEMENT HAVE BEEN INSTALLED, ALL INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CATCH BASINS ALONG WITH ANY CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

ALL ROADWAY AND PARKING SHOULDERS SHOULD BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.

SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

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 AS DIRECTED BY THE ON-SITE INSPECTOR OR THE CIVIL ENGINEER.

ALL TEMPORARY SEDIMENT BASINS SHALL BE REMOVED WHEN THE DEVELOPMENT IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH PERMANENT VEGETATION.

FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES DUE TO CONSTRUCTION ACTIVITY BY OTHERS.

ERODED VEGETATED SLOPES WILL BE BACKFILLED, SMOOTHED, SEEDED OR GRASSED AND COVERED WITH GEOTEXTILE MATTING.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

UPON COMPLETION OF THE PROJECT AND RECEIPT OF CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED ON PLANS.

CRITICAL WORK ZONE EROSION CONTROL NOTES:

WHERE INDICATED, HATCHED AREAS SHOWN ON THE EROSION CONTROL PLANS MAY REPRESENT CRITICAL WORK ZONES. AT THE END OF EACH WORK DAY ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS,AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DIKE AND TEMPORARY DRAIN ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASES IN HEIGHT. 3:1 SLOPES SHALL RECEIVE MATTING AS SPECIFIED ON THE EROSION CONTROL PLANS.

DESIGN PROFESSIONAL'S CERTIFICATION

(1) I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN, PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

(2) "I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

AARON J ST. PIERRE

DESIGN PROFESSIONAL   DATE

0000085101

GA REGISTRATION #   LEVEL II CERTIFICATION
EXPIRES: 09/19/2024

NPDES PERMIT COVERAGE

THIS PLAN HAS BEEN PREPARED TO MEET THE REQUIREMENTS UNDER THE STATE OF GEORGIA, DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION (EDP). GENERAL PERMIT NO. GAR 100001. FOR AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES). STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR STAND ALONE DEVELOPMENTS.

AUTHORIZED DISCHARGES

1. ALL DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY THAT WILL RESULT IN LAND DISTURBANCE EQUAL TO OR GREATER THAN ONE ACRE. PART I.C.1.a-c.
2. ALL DISCHARGES COVERED BY THIS PERMIT SHALL BE COMPOSED ENTIRELY OF STORMWATER EXCEPT AS PROVIDED IN PART I.C.2 AND PART III.A.2 OF THE PERMIT. PART III.A.1
3. AUTHORIZED MIXED STORMWATER DISCHARGES: PART I.C.2
   - A. THE INDUSTRIAL SOURCE OR ACTIVITY OTHER THAN CONSTRUCTION IS LOCATED ON THE SAME SITE AS THE CONSTRUCTION ACTIVITY AND IS AN INTEGRAL PART OF THE CONSTRUCTION ACTIVITY.
   - B. THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES ARE OCCURRING ARE IN COMPLIANCE WITH THE TERMS OF THIS PERMIT.
   - C. STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE AREAS OF THE SITE WHERE INDUSTRIAL ACTIVITY OTHER THAN CONSTRUCTION ARE OCCURRING ARE COVERED BY A DIFFERENT NPDES GENERAL PERMIT OR INDIVIDUAL PERMIT AUTHORIZING SUCH DISCHARGES AND THE DISCHARGES ARE IN COMPLIANCE WITH A DIFFERENT NPDES PERMIT.
4. AUTHORIZED NON-STORMWATER DISCHARGES: PART III.A.2
   - A. FIRE FIGHTING ACTIVITIES
   - B. FIRE HYDRANT FLUSHING
   - C. POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING
   - D. IRRIGATION DRAINAGE
   - E. AIR CONDITIONING CONDENSATE
   - F. SPRINGS
   - G. UNCONTAMINATED GROUND WATER
   - H. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS

LIMITATIONS ON COVERAGE PART I.C.3

1. THE FOLLOWING STORMWATER DISCHARGES FROM CONSTRUCTION SITES ARE NOT AUTHORIZED BY THIS PERMIT:
   - A. STORMWATER DISCHARGES ASSOCIATED WITH AN INDUSTRIAL ACTIVITY THAT ORIGINATES FROM THE SITE AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.
   - B. DISCHARGES THAT ARE MIXED WITH SOURCES OF NON-STORMWATER OTHER THAN DISCHARGES THAT ARE IDENTIFIED IN PART II.A.2 OF THIS PERMIT AND THAT ARE IN COMPLIANCE WITH PART IV.D.6 (NON-STORMWATER DISCHARGES) OF THIS PERMIT.
   - C. STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY THAT ARE SUBJECT TO AN EXISTING NPDES INDIVIDUAL OR GENERAL PERMIT. SUCH DISCHARGES MAY BE AUTHORIZED UNDER THIS PERMIT AFTER AN EXISTING PERMIT EXPIRES PROVIDED THE EXISTING PERMIT DID NOT ESTABLISH NUMERIC LIMITATIONS FOR SUCH DISCHARGES.
   - D. STORMWATER DISCHARGES FROM CONSTRUCTION SITES THAT THE DIRECTOR (EPD) HAS DETERMINED TO BE, OR MAY REASONABLY BE EXPECTED TO BE, CONTRIBUTING TO A VIOLATION OF A WATER QUALITY STANDARD.
2. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A 12-14-2, ET SEQ.) 40 CFR 117 OR CFR 302 OCCURS DURING A 24 HOUR PERIOD, THE PERMITTEE IS REQUIRED TO NOTIFY THE FOLLOWING AGENCIES IN ACCORDANCE WITH THE ABOVE MENTIONED REGULATIONS AS SOON AS HE HAS KNOWLEDGE OF THE DISCHARGE: EPD AT (404)656-4883 OR (800) 241-4113 OR THE NATIONAL RESPONSE CENTER (NRC) AT 1-800-424-8802. PART III.B.1
3. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL. PART III.B.2

WATER QUALITY COMPLIANCE PART I.C.4

ALL DISCHARGES AUTHORIZED BY THIS PERMIT SHALL NOT CAUSE VIOLATIONS OF GEORGIA'S IN-STREAM WATER QUALITY STANDARDS AS PROVIDED BY THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 301-3-6-03.

PRIMARY PERMITTEE'S (OWNER/OPERATOR) CERTIFICATION

(1) "I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (PLAN) WAS PREPARED BY A DESIGN PROFESSIONAL, AS DEFINED BY THIS PERMIT THAT HAS COMPLETED THE APPROPRIATE CERTIFICATION COURSE APPROVED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-19 AND THAT I WILL ADHERE TO THE PLAN AND COMPLY WITH ALL PERMIT REQUIREMENTS."

(2) "I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT 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 UPON 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."

ANITA GODBEE

PRIMARY PERMITTEE (OWNER/OPERATOR)   DATE

PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:

EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

NPDES PERMIT COVERAGE

SEE SHEET C3.00 FOR SAMPLING LOCATIONS.

SAMPLING METHODOLOGY PART IV.D.6

All SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED). THE GUIDANCE DOCUMENT TITLED "NPDES STORMWATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

1. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
2. SAMPLES SHALL BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
3. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHALL BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
4. MANUAL, AUTOMATIC, OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW-THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
5. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THE PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

SAMPLING FREQUENCY

SAMPLING FREQUENCY SHALL OCCUR IN ACCORDANCE WITH PART IV.D.6.D OF THE PERMIT.

1. THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
2. HOWEVER, WHERE THE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THE PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
   - A. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;
   - B. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;
   - C. AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;
   - D. WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE;
   - E. EXISTING CONSTRUCTION ACTIVITIES, I.E. THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

* NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF 3.A. AND 3.B. BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED No. LA001394 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED NO. 028879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
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SHEET TITLE
ESPC NOTES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.30

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NPDES PERMIT COVERAGE (CONTINUED)

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN (ESPC)

THIS PLAN WAS PREPARED AS REQUIRED BY NPDES GENERAL PERMIT NO. GAR 100001 (STAND ALONE CONSTRUCTION PROJECT). THESE PLAN SHEETS AND ALL REQUIREMENTS OF THE GENERAL PERMIT AS WELL AS LOCAL, STATE, AND FEDERAL REGULATIONS OR LAWS APPLY REGARDLESS OF SPECIFIC INCLUSION IN THIS PLAN.

SITE DESCRIPTION:

OWNER/DEVELOPER AS PRIMARY PERMITTEE WILL OVERSEE SITE CONSTRUCTION LOCATED WITHIN THE PROPERTY LOCATED AT 980 REDWINE RD, FAYETTEVILLE, GA 30215. THE ENTIRE SITE CONTAINS ± 10.15 ACRES.

DESCRIBE PROPERTY TO BE DEVELOPED: COUNTY PARK

AFTER PLACEMENT OF PERIMETER SILT PROTECTION BARRIERS AND CONSTRUCTION ENTRANCES CONSTRUCTION WILL BEGIN WITH DEMOLITION OF EXISTING SITE FEATURES AS OUTLINED ON THE DEMOLITION PLAN SHEET C0.10 - C0.12 CONTINUING WITH CLEARING AND GRUBBING OF VEGETATION IN AREAS THAT ARE TO BE DISTURBED, PRELIMINARY AND FINAL GRADING, UTILITY INSTALLATION, SIDEWALKS AND STRUCTURES PER THE PHASED EROSION CONTROL PLAN SHEETS C3.00-C3.23 AND CONSTRUCTION PLAN SET.

STORM WATER RUNOFF FROM THIS DEVELOPMENT WILL BE DIVERTED THROUGH TEMPORARY BMP'S UNTIL THE SITE IS STABILIZED.

ZONING:

THIS SITE IS ZONED PARKS & RECREATION

SURVEY INFORMATION:

BOUNDARY AND TOPOGRAPHIC SURVEY, DATED 08/24/2023, BY WD GRAY & ASSOCIATES, INC.

A PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA PER FEMA FIRM PANEL 13113C0111E , EFFECTIVE DATE SEPTEMBER 26, 2008.

RUNOFF COEFFICIENT
- WEIGHTED PRE-CONSTRUCTION CN CURVE NUMBER: 71
- WEIGHTED POST-CONSTRUCTION CN CURVE NUMBER: 80

SOIL TYPES

THE NRCS SOIL TYPES CAN BE FOUND ON SHEET C3.00 OF THESE CONSTRUCTION DOCUMENTS

SOIL DISTRIBUTING ACTIVITIES INCLUDE:

- INSTALLING A STABILIZED CONSTRUCTION EXIT, PERIMETER AND OTHER EROSION AND SEDIMENT CONTROLS.
- CLEARING AND GRUBBING.
- EXCAVATION OF THE FOUNDATION.
- GRADING AND EXCAVATION FOR UTILITIES.
- PREPARATION FOR FINAL PLANTING AND SEEDING.
- COMPLETION OF ON-SITE STABILIZATION.

SEQUENCE OF MAJOR ACTIVITIES - SEE CONSTRUCTION SCHEDULE

BUFFER ENCROACHMENTS

THERE ARE NO 25 FOOT STATE WATERS BUFFER ENCROACHMENTS ON THIS SITE.

NAME OF RECEIVING WATERS:

THE RECEIVING WATER FOR THIS SITE IS PERRY CREEK.
THIS PROJECT DOES NOT DISCHARGE STORMWATER INTO AN IMPAIRED STREAM SEGMENT, OR WITHIN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF AN BIOTA IMPAIRED STREAM SEGMENT.

CONTROLS

EROSION AND SEDIMENT CONTROLS

ALL PERIMETER SILT FENCES AND CONSTRUCTION EXITS SHALL BE IN PLACE PRIOR TO ANY LAND DISTURBING ACTIVITIES.

EXISTING VEGETATION SHALL BE LEFT IN PLACE UNTIL SUCH TIME THAT LAND DISTURBING ACTIVITIES ARE TO TAKE PLACE UPON THAT PORTION OF THE SITE. WHEN CONSTRUCTION ACTIVITIES HAVE CEASED IN AN AREA, THAT AREA SHALL BE STABILIZED WITHIN 14 DAYS. IF THE AREA IS NOT YET TO FINAL GRADE, IT SHALL BE MULCHED. IF THE AREA IS TO FINAL GRADE AND WILL EVENTUALLY CONTAIN SITE IMPROVEMENTS SUCH AS THE STRUCTURES OR SIDEWALKS, IT SHALL BE TEMPORARY SEEDED. AREAS BROUGHT TO FINAL GRADE THAT WILL REMAIN PERVIOUS ARE TO BE PERMANENTLY SEEDED. ALLOWABLE EXCEPTIONS FROM THE NPDES GENERAL PERMIT, GAR 100001, ARE NOTED BELOW.

"WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION, ACTIVITY TEMPORARY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE."

"WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED."

PLEASE REFER TO DETAIL SHEETS FOR THE LAND DISTURBANCE CONSTRUCTION SCHEDULE AND TEMPORARY AND PERMANENT GRASSING SCHEDULES.

NON- STORM WATER DISCHARGES

ALL NON-STORM WATER DISCHARGES WILL BE ROUTED THROUGH ON SITE BMP'S AND THE STORM WATER MANAGEMENT SYSTEM WHERE POSSIBLE. THESE DISCHARGES INCLUDE FLUSHING OF WATER AND FIRE LINES, IRRIGATION WATER, GROUND WATER, DEWATERING OR PITS OR DEPRESSIONS WITHIN THE CONSTRUCTION SITE AND RINSE ALL WATER OF NON-TOXIC MATERIALS.

OTHER CONTROLS

NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.

WASTE MATERIALS

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ONSITE.

ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND ALL THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTE WILL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE WILL BE CONTAINED ONSITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTES

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS.

ALL SANITARY WASTE UNITS WILL BE LOCATED IN ONE AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS WILL BE DETERMINED BY THE CONTRACTOR.

SANITARY SEWER WILL BE PROVIDED BY MUNICIPAL AUTHORITY AT THE COMPLETION OF THIS PROJECT.

CONCRETE WASHDOWN PER DETAIL 7 ON SHEET C3.40

WASHOUT OF THE CONCRETE DRUM IS PROHIBITED. FOLLOWING IS A PROCEDURE TO WASHDOWN TOOLS, CHUTE AND HOPPER:
1. COORDINATE WITH SITE SUPERINTENDENT TO EXCAVATE A PIT DEEP ENOUGH TO CONTAIN WASHDOWN WATER.
2. BACK IN EQUIPMENT.
3. WASHDOWN ONLY THE CHUTE, HOPPER AND REAR OF THE VEHICLE. DO NOT WASH OUT THE DRUM.
4. MAKE SURE WASHDOWN WATER GOES INTO AND STAYS IN THE PIT.
5. COORDINATE WITH SITE SUPERINTENDENT TO FILL IN PIT AND SMOOTH OUT GROUND.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION EXIT HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. SEE SHEET C3.00 FOR CONSTRUCTION EXIT LOCATION AND DETAILS. THE PAVED STREET ADJACENT TO THE SITE EXIT WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT, OR ROCK. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE FOLLOWING MATERIALS ARE EXPECTED ONSITE DURING CONSTRUCTION: CONCRETE PRODUCTS, ASPHALT, PETROLEUM BASED FUELS AND LUBRICANTS FOR EQUIPMENT, TAR, METAL BUILDING MATERIALS, LUMBER, SHEET ROCK, FLOOR COVERINGS, ELECTRICAL WIRE AND FIXTURES, PAINTS/ STAINS/ FINISHING TREATMENTS, PAINTS, PAINT SOLVENTS, ADDITIVES FOR SOIL STABILIZATION, CLEANING SOLVENTS, PESTICIDES, FERTILIZERS, HERBICIDES, CRUSHED STONE, PLASTIC AND METAL PIPES.

SPILL PREVENTION

PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL PRACTICES WILL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISCHARGING INTO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

1. QUANTITIES OF PRODUCTS STORED ONSITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB.
2. PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS PROTECTED FROM RAINFALL WHERE POSSIBLE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.
4. PRODUCT MIXING, DISPOSAL AND DISPOSAL OF PRODUCT CONTAINERS WILL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
5. THE CONTRACTOR WILL INSPECT SUCH MATERIALS TO ENSURE PROPER USE, STORAGE AND DISPOSAL.

PRODUCT SPECIFIC PRACTICES

PETROLEUM BASED PRODUCTS- CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OR SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PAINTS/ FINISHES/ SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASTE WATER ONSITE.

FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE PROCEDURES.

SOIL CLEANUP AND CONTROL PRACTICES

- LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES BUT IS NOT LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER WILL BE CONTACTED WITH IN 24 HOURS.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

ON-SITE BUILDING MATERIALS:

BUILDING MATERIALS AND BUILDING PRODUCTS WILL BE COVERED WITH PLASTIC SHEETING SECURED OVER THE MATERIALS OR PER MANUFACTURER'S RECOMMENDATION. ALL BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTE, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS SHALL BE COVERED AND NOT IN DIRECT CONTACT WITH THE GROUND TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER.

INSPECTIONS

PRIMARY PERMITTEE
1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
2. MEASURE AND RECORD RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE: (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS RECEIVED BY EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).
5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.
6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E. INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY THE END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

MAINTENANCE & INSPECTION OF EROSION & SEDIMENT CONTROLS

MAINTENANCE

THE FOLLOWING BEST MANAGEMENT PRACTICE MAINTENANCE CRITERIA ARE TAKEN FORM THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", 2016 EDITION.

CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

DETENTION POND OUTLET STRUCTURES SHALL BE KEPT CLEAR OF TRASH AND DEBRIS. THIS WILL REQUIRE CONTINUOUS MONITORING AND MAINTENANCE, WHICH INCLUDES SEDIMENT REMOVAL WHEN ONE-THIRD OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST.

SEDIMENT SHALL BE REMOVED FROM SILT FENCES ONCE IT HAS BEEN ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACES WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS).

SEDIMENT SHALL BE REMOVED FROM TRAPS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. SEDIMENT SHALL BE REMOVED FROM CURB INLET PROTECTION IMMEDIATELY. FOR EXCAVATED INLET SEDIMENT TRAPS, SEDIMENT SHALL BE REMOVED WHEN ON-HALF OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST TO SEDIMENT ACCUMULATION.

SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT INTER THE INLET AGAIN.

WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

REPAIR ALL DAMAGES CAUSED TO TEMPORARY SEDIMENT BASINS BY SOIL EROSION OR CONSTRUCTION EQUIPMENT AT OR BEFORE THE END OF EACH WORKING DAY. SEDIMENT SHALL BE REMOVED FROM THE BASIN WHEN IT REACHES THE SPECIFIED DISTANCE BELOW THE TOP OF THE RISER. SEDIMENT SHALL NOT ENTER ADJACENT STREAMS OR DRAINAGE WAYS DURING SEDIMENT REMOVAL OR DISPOSAL. THE SEDIMENT SHALL NOT BE DEPOSITED DOWNSTREAM FROM THE EMBANKMENT ADJACENT TO A STREAM OR FLOODPLAIN.

INSPECT RIP RAP OUTLET STRUCTURES AFTER HEAVY RAINS TO SEE IF ANY EROSION AROUND OR BELOW THE RIP RAP HAS TAKEN PLACE OR IT STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

ROUGHENED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE TO OBTAIN OPTIMUM SEED GERMINATION AND SEEDING GROWTH.
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 AN AREA WILL REMAIN UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED.

PERMANENT VEGETATION SHALL BE APPLIED IMMEDIATELY TO ROUGH GRADED AREAS THAT WILL BE UNDISTURBED FOR LONGER THAN SIX MONTHS. THIS PRACTICE 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, AT LEAST 70% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES HAVE BEEN EMPLOYED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES, A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE REGIONS, SUCH THAT WITHIN THE GROWING SEASON 70% COVERAGE BY PERENNIAL VEGETATION SHALL BE ACHIEVED. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION. UNTIL THIS STANDARD IS SATISFIED AND PERMANENT CONTROL MEASURES AND FACILITIES ARE OPERATIONAL, INTERIM STABILIZATION MEASURES AND TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES SHALL NOT BE REMOVED.

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC — Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

PRIMARY PERMITTEE / OWNER CONTACT:
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24-HR. EMERGENCY CONTACT:

EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMUEL

09 / 06 / 2024
LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
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SHEET TITLE

ESPC NOTES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

C3.31

NPDES PERMIT COVERAGE (CONTINUED)

STORM WATER SAMPLING

SAMPLE ANALYSIS

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40CFR PART 136 AND THE GUIDANCE DOCUMENT TITLES NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT EPA 833-B-92-001.

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT 3 OUTFALL LOCATIONS INDICATED ON SHEET C3.00. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDS THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NUMBER GAR 100001. THE NTU IS BASED UPON THE TOTAL PROJECT AREA OF 10.15 ACRES OF THE PROJECT SITE. THE SURFACE WATER DRAINAGE AREA OF LESS THAN 4.99 SQ. MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

NTU VALUE= (SEE APPENDIX "B", NTU TABLE)

SAMPLE TYPE

ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

1. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
2. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
3. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
4. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
5. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E

SAMPLING POINTS

THERE IS 3 SAMPLING LOCATION AS INDICATED ON SHEET C3.00 AND SEE POINT TABLE ON C3.00 FOR COORDINATES. PER NPDES PERMIT GAS 100001, FOR CONSTRUCTION ACTIVITIES. THE PRIMARY PERMITTEE MUST COMPLETE ALL SAMPLING.

- CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STREAM WATER CHANNEL.
- THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
- THE SAMPLINGS SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
- THE PRIMARY PERMITTEE DOES NOT HAVE TO SAMPLE SHEET FLOW INTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT.

SAMPLING FREQUENCY

SEE NOTES ON SHEET C3.30.

REPORTING

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THE PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
   A. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
   B. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
   C. THE DATE(S) ANALYSES WERE PERFORMED;
   D. THE TIME(S) ANALYSES WERE INITIATED;
   E. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
   F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
   G. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC USED TO DETERMINE THESE RESULTS;
   H. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND
   I. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THE PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

IF NO QUALIFYING EVENTS OCCURRED WITHIN A MONTHLY MONITORING PERIOD, A REPORT MUST BE SUBMITTED STATING SUCH. ADDRESSES ARE PROVIDED BELOW:

GOVERNING AGENCY: FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420

OWNER: FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420

ATTN: INSPECTOR: TBD
ADDRESS: TBD
ADDRESS: TBD
PHONE: TBD

RETENTION OF RECORDS

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:
   A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
   B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
   C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
   D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
   E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
   F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART IIID.2. OF THIS PERMIT; AND
   G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION), OR OTHER REPORTS REQUESTED BY THE THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS. RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

THE CONTRACTOR WILL OBTAIN COPIES OF ANY AND ALL LOCAL AND STATE REGULATIONS THAT ARE APPLICABLE TO STORM WATER MANAGEMENT, EROSION CONTROL, AND POLLUTION MINIMIZATION AT THIS JOB SITE AND WILL COMPLY FULLY WITH SUCH REGULATIONS. THE CONTRACTOR WILL SUBMIT WRITTEN EVIDENCE OF SUCH COMPLIANCE IF REQUESTED BY THE OWNER OR ANY AGENT OF A REGULATORY BODY. THE CONTRACTOR WILL COMPLY WITH ALL CONDITIONS OF ANY AND ALL LOCAL, STATE AND FEDERAL AGENCIES HAVE GOVERNING AUTHORITY, INCLUDING THE CONDITIONS RELATED TO MAINTAINING THE ESPCP AND EVIDENCE OF COMPLIANCE WITH THE ESPCP AT THE JOB SITE AND ALLOWING REGULATORY PERSONNEL ACCESS TO THE JOB SITE AND TO RECORDS IN ORDER TO DETERMINE COMPLIANCE.

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS AND CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS
DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL SUBSTRATA. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL AREA UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIPMENT
GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OR THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AT IT IS SPREAD. A DISK HARROW WITH THE DISK SET OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH:(CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

AGRICULTURAL LIMESTONE	4000 LBS./ACRE
FERTILIZER, 5-10-15	1500 LBS./ACRE
MULCH, STRAW OR HAY	5000 LBS./ACRE

SEEDING SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
HULL COMMON BERMUDA GRASS	10 LBS.	3/1-6/15
FESCUE	50 LBS.	9/1-10/31
FESCUE RYE GRASS	50 LBS. 50 LBS.	11/1-2/28
HAY MULCH FOR TEMP. COVER	5000 LBS.	6/15-8/31

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL
FERTILIZER(AMMONIUM NITRATE 33.5%) 300 LBS./ACRE

C. SECOND-YEAR FERTILIZER:(5-10-15 OR EQUIVALENT) 800 LBS./ACRE

HYDRAULIC SEEDING EQUIPMENT:
WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER WILL BE MIXED WITH WATER AND APPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENEOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1 AND STEEPER)

AGRICULTURAL LIMESTONE #75	4000 LBS./ACRE
FERTILIZER, 5-10-15	1500 LBS./ACRE
MULCH, (STRAW OR HAY) OR	5000 LBS./ACRE
WOOD CELLULOSE FIBER MULCH	1000 LBS./ACRE

SEEDING SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
SERICEA LESPEDEZA, SCARIFIED	60 LBS.	
WEEPING GRASS OR	4 LBS.	3/1-6/15
COMMON BERMUDA, HULLED	6 LBS.	
FESCUE	40 LBS.	9/1-10/31
SERICEA LESPEDEZA, UNSCARIFIED	60 LBS.	
FESCUE	40 LBS.	
SERICEA LESPEDEZA, UNSCARIFIED	75 LBS.	11/1-2/28
RYE	50 LBS.	
HAY MULCH FOR TEMPORARY COVER	5000 LBS.	6/15-8/31

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL
FERTILIZER (AMMONIUM NITRATE 33.5%) 3000 LBS./ACRE

C. SECOND-YEAR FERTILIZER: (0-20-20 OR EQUIVALENT) 500 LBS./ACRE

PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:

EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

GENERAL NOTES PER EROSION, SEDIMENTATION & POLLUTION CONTROL (ES&PC) PLAN CHECKLIST:

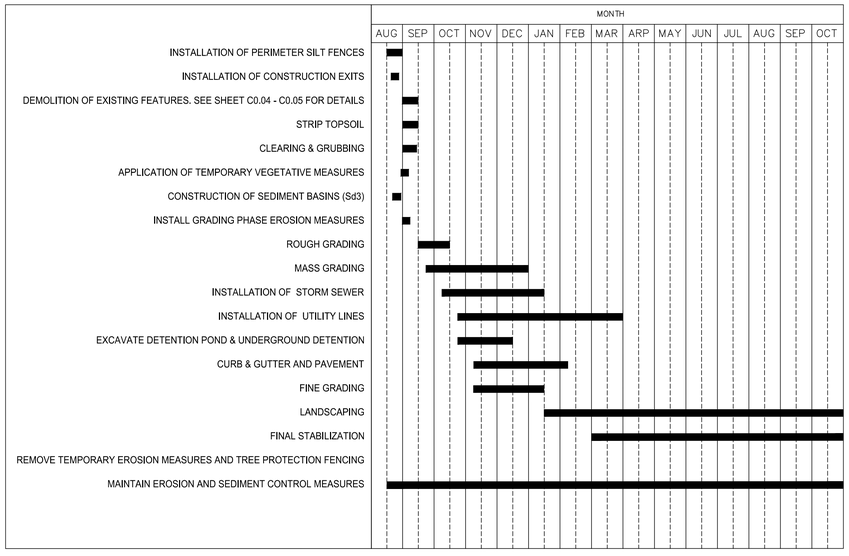
1. THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN WILL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITHIN SEVEN DAYS AFTER INSTALLATION.
2. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED 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.
3. 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.
4. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
6. 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.
7. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

GENERAL NOTES:

1. AFTER CONSTRUCTION, EROSION AND SEDIMENTATION WILL BE MANAGED BY STABILIZED LOT CONSISTING OF PAVED DRIVES, GRASSING, AND LANDSCAPING.
2. MINIMIZING WIND EROSION AND CONTROLLING DUST WILL BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING METHODS:
   A. COVERING 30% OR MORE OF THE SOIL SURFACE WITH NON-ERODIBLE MATERIAL
   B. ROUGHENING THE SOIL TO PRODUCE RIDGES PERPENDICULAR TO THE PREVAILING WIND
   C. FREQUENT WATERING OF EXCAVATION AND FILL AREAS
   D. PROVIDING GRAVEL OR PAVING AT ENTRANCE/ EXIT DRIVES
10. EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
11. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES WILL BE INSTALLED IF DEEMED NECESSARY BY THE ONSITE INSPECTOR.
12. EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY.
13. CUT AND FILL SLOPES SHALL NOT EXCEED 3H:1V ON RESIDENTIAL PROJECTS AND LOTS, AND LOTS SHALL NOT EXCEED 2H:1V ON ALL OTHER PROJECTS.
14. WEEKLY EROSION AND SEDIMENT CONTROL REPORTS SHALL BE SUBMITTED TO THE CITY/COUNTY ENGINEER STARTING WITH THE ISSUANCE OF THE LDP AND ENDING WHEN THE PROJECT IS RELEASED BY THE INSPECTOR.
15. INSPECTIONS BY QUALIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE AND THE ASSOCIATED RECORDS SHALL BE KEPT ON SITE IN COMPLIANCE WITH GAR 100001.
16. ALL SEWER EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION.
17. THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH STABLIZED WITH PERMANENT VEGETATION AND ALL ROAD/DRIVEWAYS HAVE BEEN PAVED.

ON-SITE BUILDING MATERIALS:

BUILDING MATERIALS AND BUILDING PRODUCTS WILL BE COVERED WITH PLASTIC SHEETING SECURED OVER THE MATERIALS OR PER MANUFACTURER'S RECOMMENDATION. ALL BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTE, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS SHALL BE COVERED AND NOT IN DIRECT CONTACT WITH THE GROUND TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER.



ANTICIPATED CONSTRUCTION SCHEDULE
START DATE: 08/2024
END DATE: 10/2025

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION:

DATE OF INSPECTION _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION.

_____ _____
GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN.

_____
_____
_____
_____

THESE DISCREPANCIES MUST BE ADDRESS IMMEDIATELY AND A REINSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON SITE UNTIL THE DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

APPENDIX B

Nephelometric Turbidity Unit (NTU) TABLES

Cold Water (Trout Stream)

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+
1.00-10	25	50	75	150	300	500	500	500
10.01-25	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

Warm Water (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+
1.00-10	75	150	200	400	750	750	750	750
10.01-25	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

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09/15/2022 No. LA0001394 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

LEVEL II #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC NOTES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.32

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS
SWCD: Towaliga

Project Name: Fayette Co. Parks & Rec - Multi-Use **Address: 980 Redwine Road, Fayetteville, GA 30215**
City/County: Fayette County **Date on Plans: January 18, 2024**
Name & email of person filling out checklist: Oliver Moore, omoore@lose.design

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
C3.33	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)
ALL	Y	2 Level II 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)
N/A	N/A	3 Limits of disturbance shall be no greater 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 at least 4 of the BMPs listed in Appendix 1 of this checklist and the GAEPD approval letter. * (A copy of the written approval by GAEPD must be attached to the plan for the Plan to be reviewed.)
ALL	Y	4 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
ALL	Y	5 Provide the name, address, email address, and phone number of primary permittee.
C3.00	Y	6 Note total and disturbed acreages of the project or phase under construction.
C3.00	Y	7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
ALL	Y	8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
C3.00	Y	9 Description of the nature of construction activity and existing site conditions.
C3.00	Y	10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
C3.00 C3.31	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be effected.
C3.30	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 19** of the permit.
C3.30	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 19** of the permit. *
C3.32	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with **Part IV.A.5 page 25** of the permit. *
C3.32	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 wrested 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."
ALL	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
C3.32	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." *
C3.32	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." *
C3.32	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."
C3.32	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."
C3.32	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."
N/A	N/A	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the 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 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. *
C3.31	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
C3.31	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
ALL	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. *
C3.31	Y	27 Description of practices to provide cover for building materials and building products on site. *
C3.31	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *
C3.32	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, temporary and final stabilization).
C3.32	Y	30 Provide complete requirements of Inspections and record keeping by the primary permittee. *
C3.32	Y	31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *
C3.32	Y	32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *
C3.32	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
C3.32	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
C3.00	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. *
C3.00	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial 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 perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
ALL	Y	37 Graphic scale and North arrow.
ALL	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%	0.5 or 1
	Rolling 2 - 8%	1 or 2
	Steep 8% +	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). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
N/A	N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
N/A	Y	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
N/A	N/A	42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
HYD	Y	43 Delineation and acreage of contributing drainage basins on the project site.
HYD	Y	44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
HYD	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
ALL	Y	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
C3.00	Y	47 Soil series for the project site and their delineation.
ALL	Y	48 The limits of disturbance for each phase of construction. (C3.00 to c3.23)
C3.03 C3.13 C3.23	Y	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted 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 included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment 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 decision must be included in the Plan.
ALL	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.
C3.40 C3.45	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.
C3.44 C3.45	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 the 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.

Effective January 1, 2024

Temporary Sediment Basin (Sd3) Design Sheet

Project Name: 21091
Basin Number: FAYETTE COUNTY PARKS & RECREATION

Total Drainage Area to Basin D_A: 12.8 ac
Disturbed Area Draining to Basin: 12.8 ac

Volume

1. Minimum Required Storage Volume (V_s)
   V_s = 67 cy/ac * (D_A) = 858 cy/ac = 23155 cf
2. Clean-Out Volume (V_c)
   V_c = 22 cy/ac * (D_A) = 281.6 cy/ac = 7603 cf
3. Minimum Elevation of Riser Crest = 865.36 ft
4. Cleanout Elevation = 864.68 ft
5. Minimum Riser Length (L_r) = 2 ft

Stormwater Runoff

6. Discharge from 2-yr, 24-hr storm event (Q_2) = 1.1 cfs
7. Discharge from 25-yr, 24-hr storm event (Q_{25}) = 4.9 cfs

Surface Area/Configuration Design

8. Minimum Basin Surface Area Required (SA_{min})
   Sa_{min} = 0.01 ac/cfs * Q_2 = 0.011 acres = 479.16 sf
9. Available Area at Riser Crest = 18389 sf YES
10. Required Length for 2:1 L:W Ratio
    Average Width = 65 ft
    Required Length = 130 ft
    Available Length = 231 ft
    2:1 Satisfied: YES

Principal Spillway (ps)

11. Maximum Principle Spillway Capacity
    Q_{max} = Q_2 = 1.1 cfs
12. Vertical Distance Between Centerline of Outlet Pipe and Emergency Spillway Crest (H)
    H = 3 ft
13. Total Principal Spillway Pipe Length
    L = [A - (B/C)/2]*[Zu+Zd] + T + E = 61 ft
14. Diameter of Principal Spillway (D_{ps}) = 8 in
    - Flow Through Principal Spillway (Q) = 1.22 cfs
15. Actual flow through ps
    Q_{ps} = Q * correction factor = 1.2383 cfs
16. Riser Diameter (D_r)
    D_r = 1.5 * D_{ps} = 12 in
17. Trash Rack Diameter (D_t)
    D_t = 1.4 * D_r = 16.8 in USE: 18 in
18. Minimum Distance Between Riser Crest and Emergency Spillway Crest
    h = 0.3 ft

Concrete Riser Base Design

19. Volume of Concrete per Vertical Foot of Riser Height
    V_{con} = 0.69 cf/v.f.
20. Totoal volume of concrete required
    V_{req} = V_{con} * L_r = 1.38 cf
21. Assume Base Thickness, B (usually 18")
    B = 18 in = 1.5 ft
22. Required Surface Area (Sa_{req}) = V_{req}/B= 0.92 sf
23. Riser base length and width
    l = w = (required surface area)^1/2 = 0.9592 ft = 11.51 in

Anti-Seep Collar Design

24. Anti-seep collar required if any of the following apply:
    NO Settled height of the dam is greater than 15'
    NO D_{ps} is smooth pipe larger than 8"
    YES D_{ps} is corrugated metal pipe larger than 12"
25. Anti-seep collar size (if applicable)
    NA 18" projection (heads(H) less than or equal to 10')
    NA 24" projection (heads(H) greater than 10')

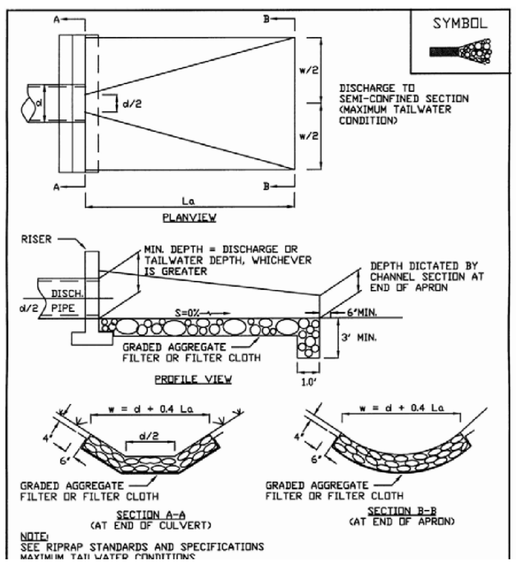
Emergency Spillway

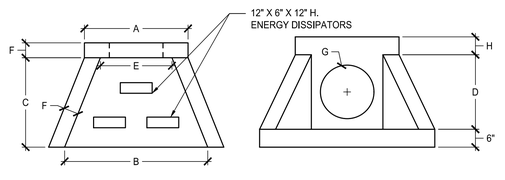
26. Minimum Capacity of Emergency Spillway (Q_{es})
    Q_{es} = Q_{25} - Q_{ps} = 3.6617 cfs
27. Stage(H_p), Bottom Width(b), velocity(V), and Min. exit slope(S)
    H_p = 0.5 ft
    b = 8 ft
    V = 2.7 fps
    S = 3.9 %
28. Actual Entrance channel slope S_e = 33 %
29. Actual Exit Channel Slope S_o = 33 %
    a.) New exit velocity (V_o)
    V_o = V (S_o/S)^0.3 = 5.12 fps
    Channel Stabilization
    Grass
    Rip-Rap X
    Concrete

Design Elevations

30. Riser Crest Elevation = 865.36 ft
31. Minimum Emergency Spillway Elevation = 865.7 ft
32. Design High Water Elevation = 866.16 ft
33. Elevation of Top of Dam = 867.16 ft

*PLEASE NOTE THAT DESIGN VALUES DETERMINED BY THIS SHEET REPRESENT THE MINIMUM REQUIREMENTS FOR A





TOP VIEW (WITH ENERGY DISSIPATORS)

FRONT VIEW

NOTES:
1. ENERGY DISSIPATORS ARE TO BE INSTALLED ON ALL HEADWALLS UNLESS OTHERWISE NOTED ON PLANS.
2. F'C = 4500 P.S.I. REINFORCED WITH #4 BARS
3. FY = 60 K.S.I.

DIMENSION TABLE						
SIZE	4'	5'	6'	7'	8'	
A	32"	36"	48"	72"	96"	
B	48"	60"	72"	96"	120"	
C	30"	38"	44"	50"	56"	
D	25"	33"	36"	52"	66"	
E	24"	28"	36"	59"	83"	
F	5"	5"	8"	8"	8"	
G (MAX.)	18"	22"	26"	40"	60"	
H	0"	0"	6"	6"	6"	
WEIGHT	1090#	1320#	3130#	5625#	8575#	

DESIGNER GSWCC LEVEL II

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION.

GSWCC Georgia Soil and Water Conservation Commission
Aaron J St Pierre
Level II Certified Design Professional
Certification Number 0000085101
Issued: 09/19/2021 Expires: 09/19/2024

AARON J ST. PIERRE, CERTIFIED DESIGN PROFESSIONAL

PRIMARY PERMITTEE / OWNER CONTACT:
FAYETTE COUNTY
140 STONEWALL AVE WEST, SUITE 204
FAYETTEVILLE, GA 30214
(770) 305-5420
24-HR. EMERGENCY CONTACT:

EMAIL: AGODBEE@FAYETTECOUNTYGA.GOV

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 036879 SCOTT E. SAMUEL

09 / 06 / 2024
LEVEL III #: 0000085101

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

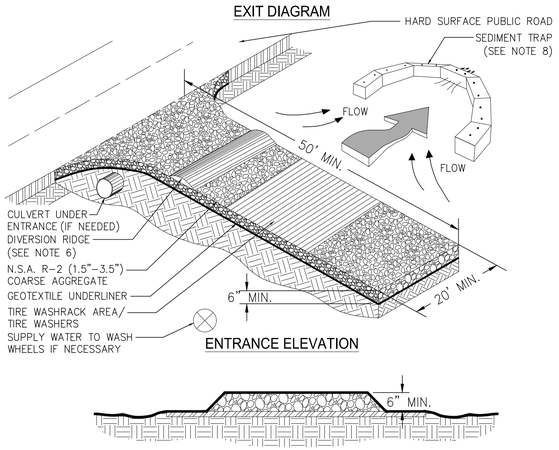
SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
ESPC NOTES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.33

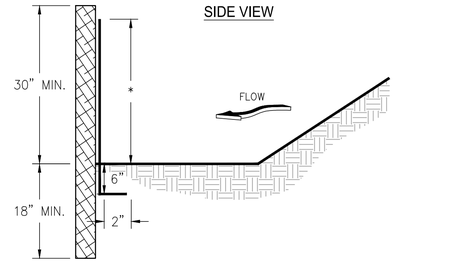
CRUSHED STONE CONSTRUCTION EXIT



NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Co

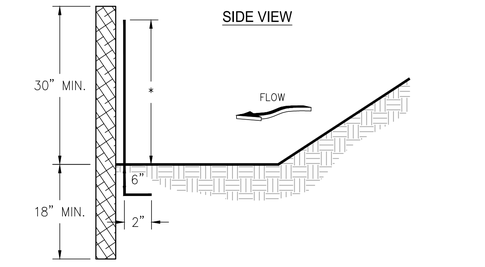
1 CONSTRUCTION EXIT
SCALE: NTS



NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Sd1-S

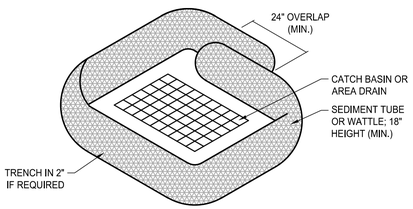
2 SILT FENCE (SENSITIVE)
SCALE: NTS



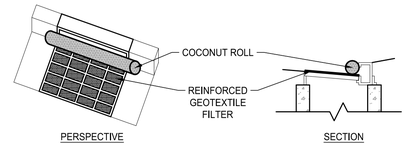
NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Sd1-NS

3 SILT FENCE (NON-SENSITIVE)
SCALE: NTS



CATCH BASIN / AREA DRAIN

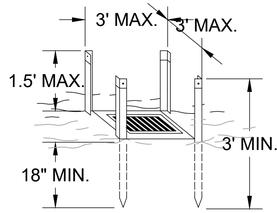


CURB INLET

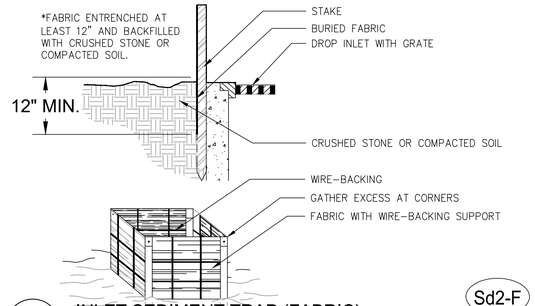
4 INLET SEDIMENT TRAP (PAVEMENT)
SCALE: NTS

Sd2-P

STEEL FRAME AND SILT FENCE INSTALLATION

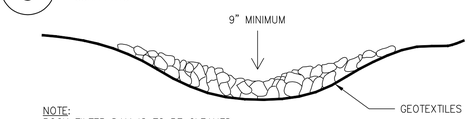


NOTES:
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

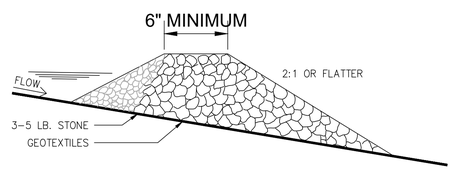


5 INLET SEDIMENT TRAP (FABRIC)
SCALE: NTS

Sd2-F



NOTE:
ROCK FILTER DAM IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.

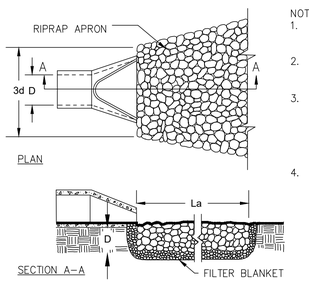


NOTE:
ROCK SIZE DETERMINED ACCORDING TO SPECIFICATIONS SET FORTH IN APPENDIX C.

Rd

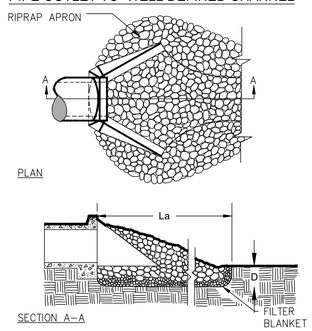
8 ROCK FILTER DAM
SCALE: NTS

PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL

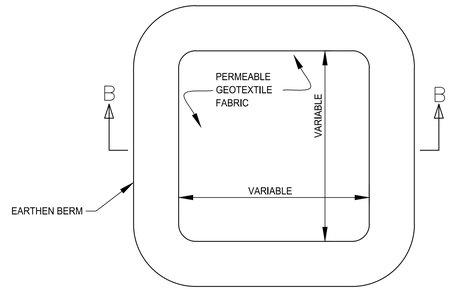


NOTES:
1. La IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
4. A FILTER BLANKET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

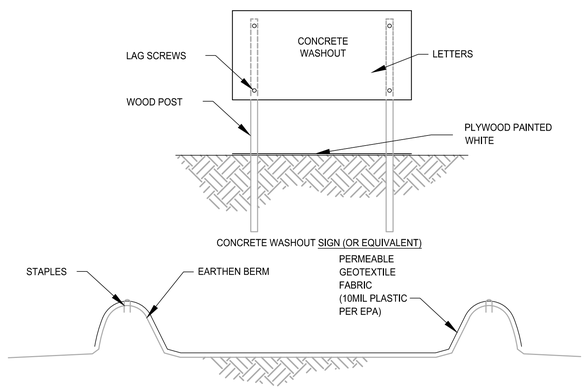
PIPE OUTLET TO WELL DEFINED CHANNEL



6 OUTLET PROTECTION
SCALE: NTS



PLAN VIEW
NOT TO SCALE
WITH EARTHEN BERMS



SECTION B-B
NOT TO SCALE

7 CONCRETE WASHOUT
SCALE: NTS

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

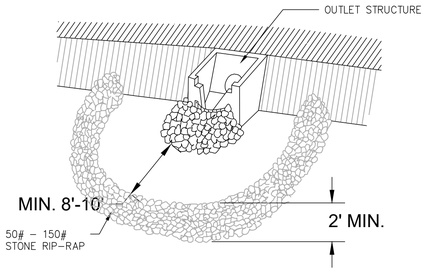
SHEET TITLE
DRAINAGE & EPSC DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

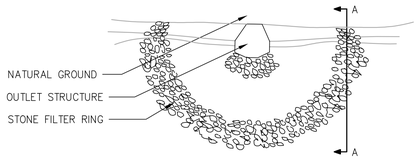
SHEET NO.
C3.40

1 FILTER RING
SCALE: NTS

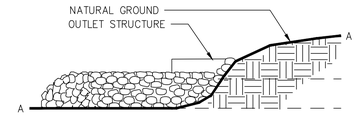
PERSPECTIVE VIEW



PLAN VIEW (NOT TO SCALE)



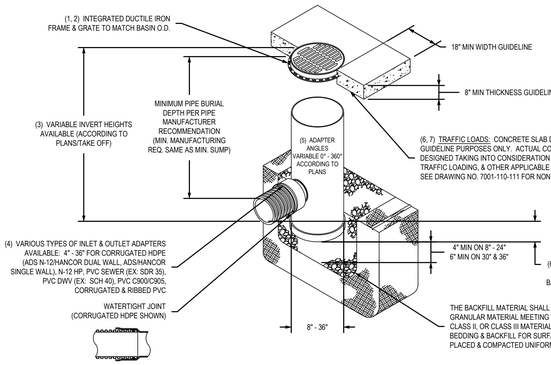
CROSS SECTION (NOT TO SCALE)



Fr

2 NYLOPLAST DRAIN BASIN
SCALE: NTS

NYLOPLAST DRAIN BASIN WITH STANDARD GRATE



1 - 8" - 30" STANDARD GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - 12" - 30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05. 8" & 10" STANDARD GRATES FIT DIRECTLY ONTO DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
6 - 12" - 30" STANDARD GRATES SHALL MEET H-20 LOAD RATING.
7 - 8" & 10" STANDARD GRATES ARE RATED FOR LIGHT DUTY APPLICATIONS ONLY; NO CONCRETE COLLAR NEEDED FOR LIGHT DUTY RATING.

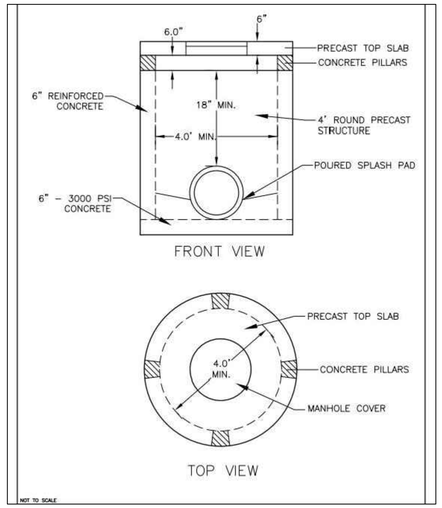
DRAWN BY	EBC	MATERIAL	
DATE	1-23-06		
REVISED BY	NMH	PROJECT NO./NAME	
DATE	06-12-18		
DWG SIZE	A	SCALE 1:40	SHEET 1 OF 1

Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

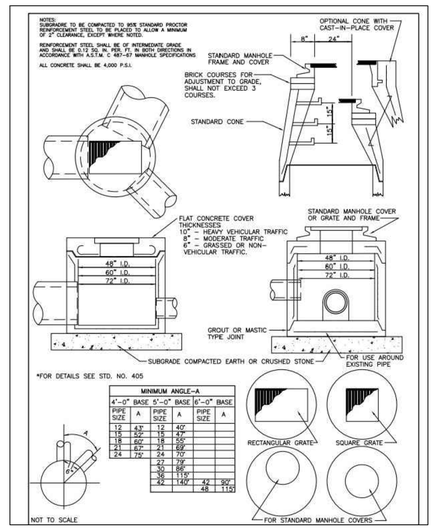
TITLE: DRAIN BASIN WITH STANDARD GRATE
QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-144 REV J

3 PEDESTAL INLET
SCALE: NTS

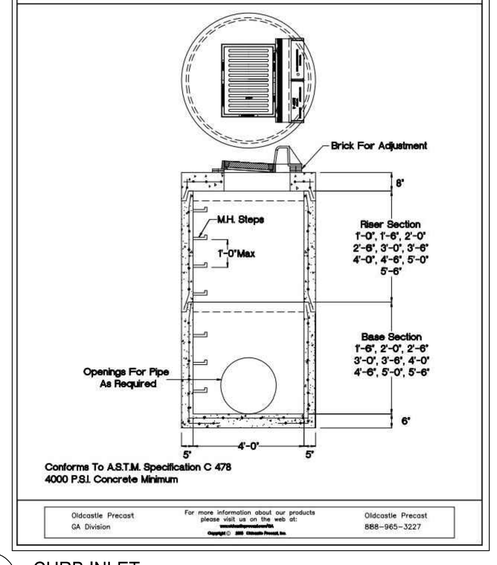


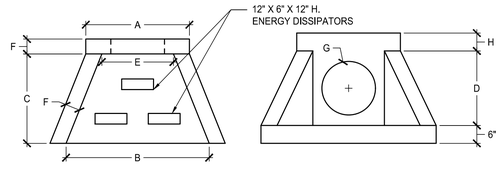
4 JUNCTION BOX
SCALE: NTS



MINIMUM ANGLE–A					
4'–0" BASE		5'–0" BASE		6'–0" BASE	
PIPE SIZE	A	PIPE SIZE	A	PIPE SIZE	A
12	43°	12	40°		
15	52°	15	47°		
18	60°	18	55°		
21	67°	21	62°		
24	75°	24	70°		
		27	79°		
		30	86°		
		36	113°		
		42	140°	42	90°
				48	114°

5 CURB INLET
SCALE: NTS





TOP VIEW (WITH ENERGY DISSIPATORS)

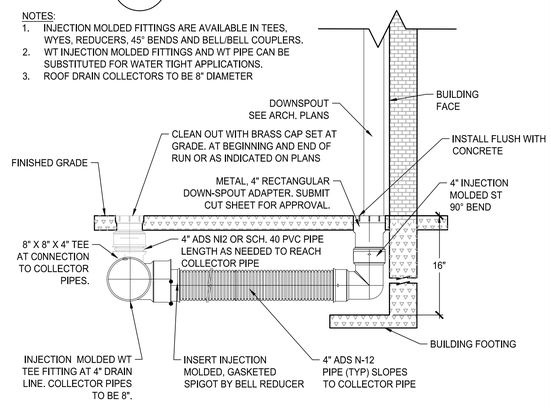
FRONT VIEW

NOTES:
1. ENERGY DISSIPATORS ARE TO ONLY BE INSTALLED WHERE NOTED ON PLANS.
2. F'C = 4500 P.S.I. REINFORCED WITH #4 BARS
3. FY = 60 K.S.I.

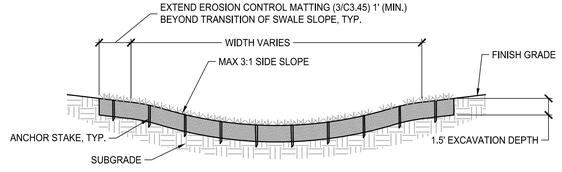
DIMENSION TABLE					
SIZE	4'	5'	6'	7'	8'
A	32"	36"	48"	72"	96"
B	48"	60"	72"	96"	120"
C	30"	38"	44"	50"	56"
D	25"	33"	36"	52"	66"
E	24"	28"	36"	59"	83"
F	5"	5"	8"	8"	8"
G (MAX.)	18"	22"	26"	40"	60"
H	0"	0"	6"	6"	6"
WEIGHT	1090#	1320#	3130#	5625#	8575#

6 HEADWALL
SCALE: NTS

7 ROOF DRAIN COLLECTOR
SCALE: NTS



SWALE DIMENSIONS				
SWALE #	DEPTH	BOTTOM WIDTH	SLOPE	SIDE SLOPES
1	MIN 2'	MIN 2'	3.2% MIN	4:1 MAX
2	MIN 1'	MIN 3'	2.0% MIN	3:1 MAX
3	MIN 1'	MIN 3'	2.0% MIN	3:1 MAX



NOTES:
1. ALL GRADING TRANSITIONS SHALL BE GRADUAL AND ROUNDED.
2. MATTING SHALL BE STAKED AT 1'-0" O.C.
3. MATTING SHALL BE LAID PERPENDICULAR TO THE DIRECTION OF FLOW.

8 SWALE
SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE026879 SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

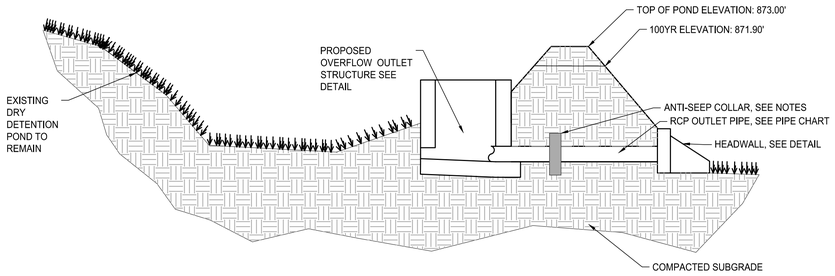
DRAINAGE & EPSC DETAILS

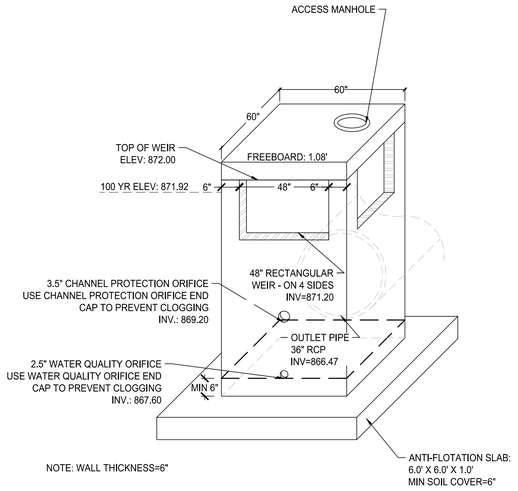
PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

C3.41

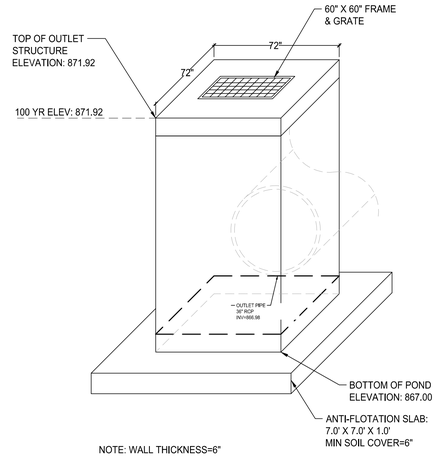
NOTES:
1. ALL JOINTS AND CONNECTIONS TO THE ANTI-SEEP COLLARS SHALL BE WATERTIGHT.
2. COLLAR TO BE PLACED BEFORE FIRST JOINT IN OUTLET PIPE.
3. CONCRETE TO BE 3500 PSI.
4. COLLAR TO PROJECT A MINIMUM 18" VERTICALLY BELOW THE BOTTOM OF THE STONE TRENCH AND 18" ABOVE THE TOP OF THE OUTLET PIPE.
5. THE COLLAR SHALL BE A MINIMUM OF 1.0' THICK.
6. COMPACTED SUBGRADE SHALL CONSIST OF CLAY SOIL COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTOR.





NOTE: WALL THICKNESS=6"

POND1 OUTLET CONTROL STRUCTURE

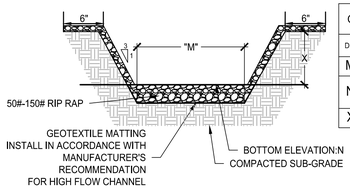


NOTE: WALL THICKNESS=6"

POND1 EMERGENCY SPILLWAY STRUCTURE DETAIL

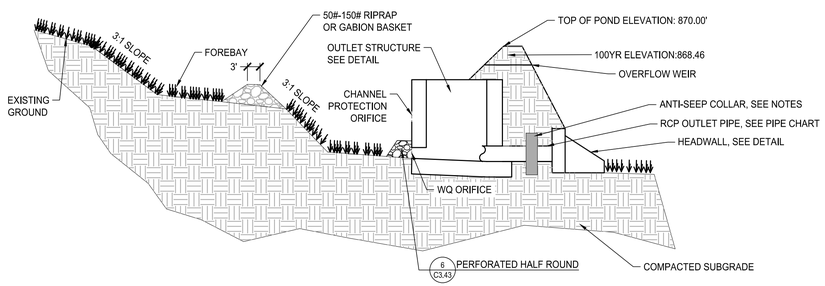
1 DETENTION POND 1 OUTLET STRUCTURE
SCALE: NTS

NOTES:
1. ALL JOINTS AND CONNECTIONS TO THE ANTI-SEEP COLLARS SHALL BE WATERTIGHT.
2. COLLAR TO BE PLACED BEFORE FIRST JOINT IN OUTLET PIPE.
3. CONCRETE TO BE 3500 PSI.
4. COLLAR TO PROJECT A MINIMUM 18" VERTICALLY BELOW THE BOTTOM OF THE STONE TRENCH AND 18" ABOVE THE TOP OF THE OUTLET PIPE.
5. THE COLLAR SHALL BE A MINIMUM OF 1.0' THICK.
6. COMPACTED SUBGRADE SHALL CONSIST OF CLAY SOIL COMPACTED TO A DENSITY OF 98% OF THE STANDARD PROCTOR.

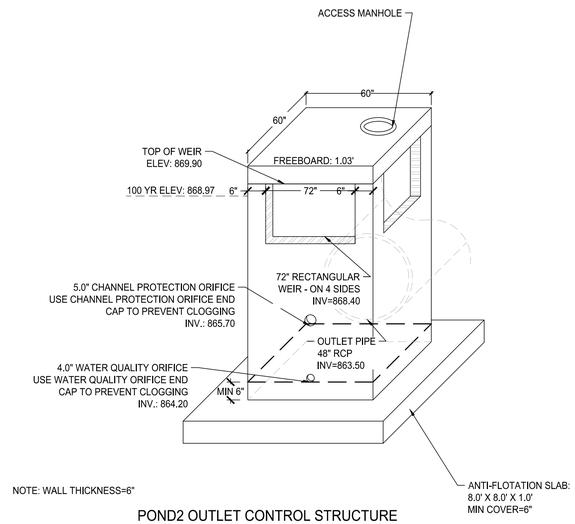


OVERFLOW WEIR	
DIMENSION	FOREBAY
M (FT)	15
N (FT)	867.50
X (FT)	2

OVERFLOW WEIR

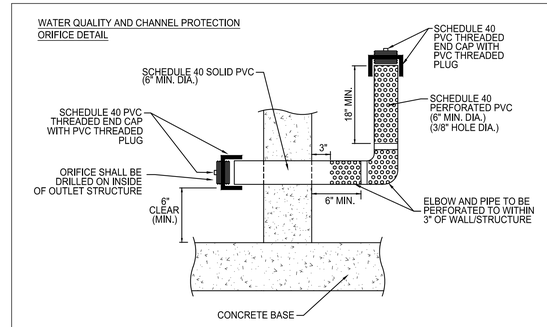


2 DETENTION POND 2
SCALE: NTS



NOTE: WALL THICKNESS=6"

POND2 OUTLET CONTROL STRUCTURE



OUTLET ORIFICE DIAMETER	PIPE SIZE
<3"	6"
3" TO <5"	8"
5" TO <11"	12"

NOTES (TO APPLY TO ALL):
1.) FILL GAP BETWEEN STRUCTURE & PVC WITH MORTAR OR INSTALL A FERNCO ADAPTER.
2.) SIZE ORIFICE AS REQUIRED
3.) PIPE SIZE SHALL BE SPECIFIED PER TABLE ABOVE. PIPE SIZES SHALL BE CONSISTENT FOR EACH END-CAP ASSEMBLY.

CHANNEL PROTECTION AND WATER QUALITY ORIFICE END CAP

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER

GEORGIA REGISTERED No. 036879 PROFESSIONAL ENGINEER SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION MULTI-USE FACILITY

FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

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SHEET TITLE

DRAINAGE & EPSC DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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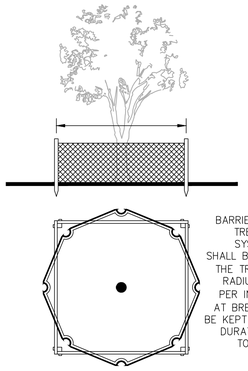
CHECKED BY OM	

SHEET NO.

C3.42

CHAIN LINK FENCE DETAIL



BARRIER CONSTRUCTED TO PROTECT TREE TRUNK, CROWN, AND ROOT SYSTEM FROM INJURY. BARRIERS SHALL BE LOCATED AT THE LIMITS OF THE TREE'S CRITICAL ROOT ZONE (A RADIUS OF ONE AND A HALF FEET PER INCH OF THE TREE'S DIAMETER AT BREAST HEIGHT). BARRIER SHALL BE KEPT IN GOOD CONDITION FOR THE DURATION OF THE PROJECT AND IS TO REMAIN IN PLACE UNTIL THE NOTICE OF TERMINATION.

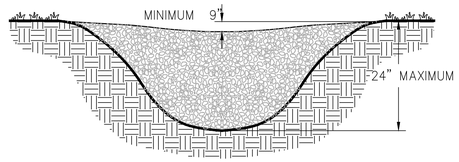
FOR ADDED PROTECTION

–PROVIDE 4" DEEP ORGANIC MULCH OVER ANY UNPROTECTED ROOT ZONE.
–PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.

Tr

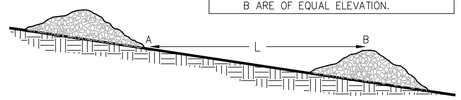
1 TREE PROTECTION FENCE
SCALE: NTS

CROSS SECTION

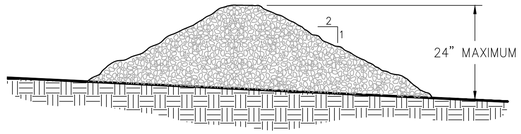


SPACING BETWEEN CHECK DAMS

A = THE TOE OF THE UPSTREAM CHECK DAM.
B = TOP OF THE DOWNSTREAM CHECK DAM.
L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION.



PROFILE VIEW



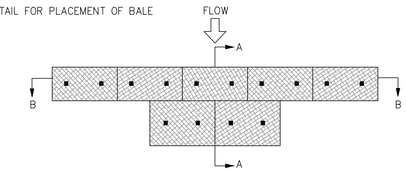
NOTES:
1. CHECK DAMS ARE TO BE USED ONLY IN SMALL OPEN CHANNELS (THEY ARE NOT TO BE USED IN LIVE STREAMS).
2. THE DRAINAGE AREA FOR STONE CHECK DAMS SHALL NOT EXCEED TWO ACRES.
3. THE CENTER OF THE CHECK DAM MUST BE AT LEAST 9 INCHES LOWER THAN THE OUTER EDGES.
4. THE DAM HEIGHT SHOULD BE A MAXIMUM OF 2 FEET FROM CENTER TO RIM EDGE.
5. THE SIDE SLOPES OF THE CHECK DAM SHALL NOT EXCEED A 2:1 SLOPE.
6. GEOTEXTILE SHALL BE USED TO PREVENT THE MITIGATION OF SUBGRADE SOIL PARTICLES INTO THE STONES (REFER TO AASHTO M288–96, SECTION 7.3, TABLE 3).

Cd-S

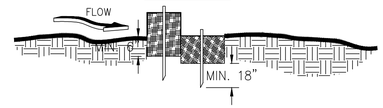
2 CHECK DAM - STONE
SCALE: NTS

PLAN

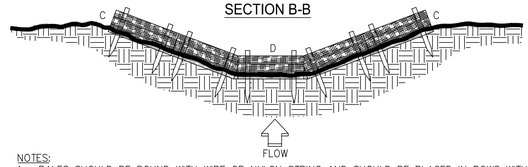
SEE DETAIL FOR PLACEMENT OF BALE



SECTION A-A



SECTION B-B



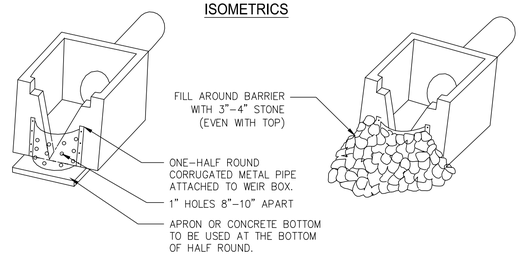
NOTES:
1. BALES SHOULD BE BOUND WITH WIRE OR NYLON STRING AND SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. REMOVE #4 REBAR AFTER STRAW BALES ARE NO LONGER IN PLACE.
3. POINT C OF SECTION B–B SHOULD ALWAYS BE HIGHER THAN POINT D.

Cd-Hb

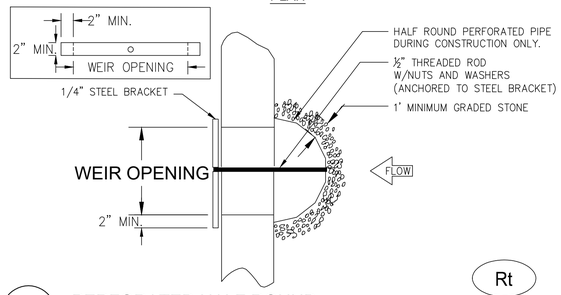
3 CHECK DAM - STRAWBALE
SCALE: NTS

PERFORATED HALF-ROUND PIPE WITH STONE FILTER

ISOMETRICS



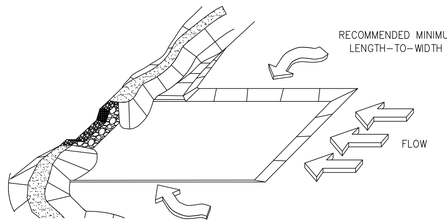
PLAN



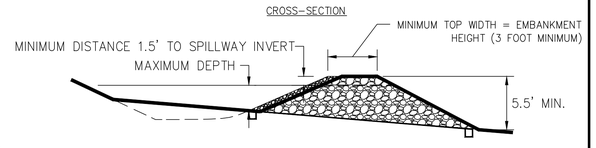
Rt

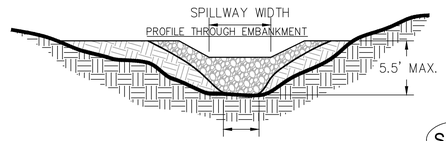
6 PERFORATED HALF ROUND
SCALE: NTS

ROCK OUTLET



CROSS–SECTION





TYPICAL WIDTH = 3 FEET

Sd4-C

7 TEMPORARY SEDIMENT TRAP - ROCK OUTLET
SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09/12/2024 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

GEORGIA REGISTERED No. 34879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
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FAYETTE COUNTY, GEORGIA
FAYETTE COUNTY

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SHEET TITLE
DRAINAGE & EPSC DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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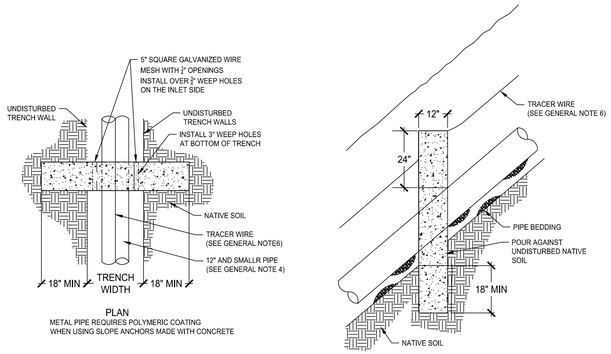
CHECKED BY OM	

SHEET NO.
C3.43



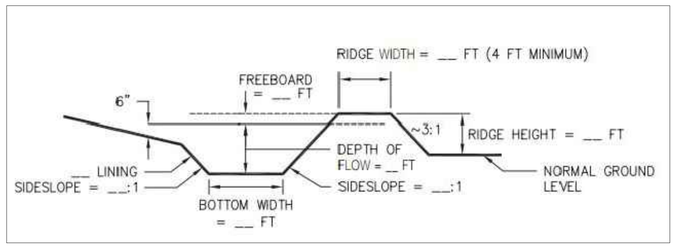
GENERAL NOTES FOR ALL DETAILS:

1. L. Anchors:
2. Pipelines shall be anchored in accordance with the table below: PIPELINE ANCHORS Center to Center Percent of Grade Max.
3.

SLOPE	SPACING
20 – 35 %	36'
35 – 50%	24'
50+ %	16'

4. The anchor shall be of concrete or other material approved by the Engineer. Concrete anchors shall have a minimum thickness of twelve (12) inches.
5. The anchor shall extend not less than one (1) FOOT INTO UNDISTURBED EARTH ON THE SIDES AND BOTTOM AND ONE (1) FOOT ABOVE TOP OF PIPE. IN INCOMPRESSIBLE MATERIAL,
6. THE ABOVE DIMENSIONS MAY BE SIX (6) INCHES EACH SIDE AND BOTTOM. THE ANCHOR SHALL SUPPORT A JOINT FITTING."
7. DIMENSIONS FOR PIPE 12" OR LARGER SHALL BE APPROVED BY ENGINEER.
8. SEE STD. DWGS. RD 300 AND RD304 FOR PIPE INSTALLATION DETAILS
9. SEE STD. DWG RD 336 FOR TRACER WIRE DETAIL (WHEN REQUIRED)

1 CONCRETE PIPE RESTRAINT
SCALE: NTS



Di

2 DIVERSIONS
SCALE: NTS

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 -Disturbed 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. Tackifers, binders and hydraulic mulch with tackifier specifically designed for tacking straw can be substituted for emulsified asphalt. Please refer to specification **Tac-Tackifers**. 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.

GSWCC 2016 Edition 6-27

3 DISTURBED AREA STABILIZATION (WITH MULCHING)
SCALE: NTS

Ds1

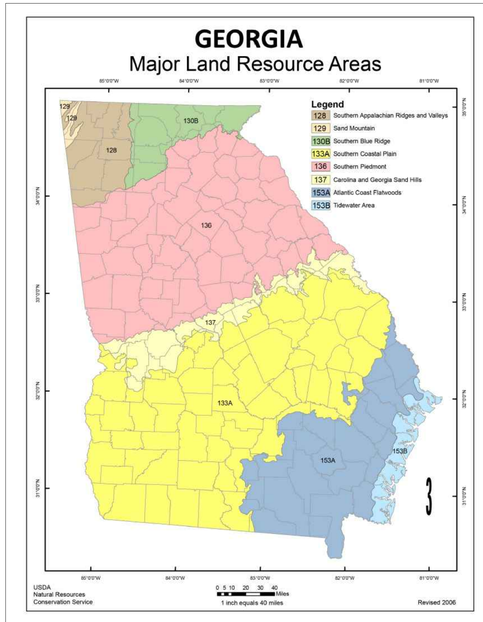


Figure 6-4.1

6-34 GSWCC 2016 Edition

4 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
SCALE: NTS

Table 6-4.1 - Temporary Cover or Companion Cover Crops
PLANT, PLANTING RATE, AND PLANTING DATE FOR TEMPORARY COVER OR COMPANION CROPS [1]

Species	Broadcast Rates		Resource Area[3]	Planting Dates by Resource Area (Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.) J F M A M J J A S O N D	Remarks
	Rate Per Acre[2]	Pure Live Seed (PLS) Per 1000 sqft			
BARLEY *Hordeum vulgare*					
alone	3 bu. (144 lbs)	3.3 lbs	M-L		14,000 seed per pound. Winter hardy. Use on productive soils.
in mixture	1/2 bu. (24lbs)	0.6 lb	P		
			C		
LESPEDEZA, ANNUAL *Lespedeza striata*					
alone	40 lbs	0.9 lb	M-L		200,000 seed per pound. May volunteer for several years. Use inoculant EL.
in mixture	10 lbs	0.2 lb	P		
			C		
LOVEGRASS, WEEPING *Eragrostis curvula*					
alone	4 lbs	0.1 lb	M-L		1,500,000 seed per pound. May last for several years. Mix with *Sericea lespedeza*.
in mixture	2 lbs	0.05 lb	P		
			C		
MILLET, BROWNTOP *Panicum fasciculatum*					
alone	40 lbs	0.9 lb	M-L		137,000 seed per pound. Quick dense cover. Will provide excessive competion in mixtures if seeded at high rate.
in mixture	10 lbs	0.2 lb	P		
			C		

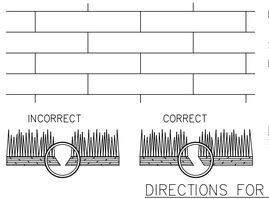
Species	Broadcast Rates		Resource Area[3]	Planting Dates by Resource Area (Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.) J F M A M J J A S O N D	Remarks
	Rate Per Acre[2]	Pure Live Seed (PLS) Per 1000 sqft			
MILLET, PEARL *Pennesetum glaucum*					
alone	50 lbs	1.1 lbs	M-L		88,000 seed per pound. Quick dense cover. May reach 5 feet in height. Not recommended for mixtures.
			P		
			C		
OATS *Avena sativa*					
alone	4 bu. (128 lbs)	2.9 lbs	M-L		13,000 seed per pound. Use on productive soils. Not as a winter hardy as rye or barley.
in mixture	1 bu. (32 lbs)	0.7 lb	P		
			C		
RYE *Secale cereale*					
alone	3 bu. (168 lbs)	3.9 lbs	M-L		18,000 seed per pound. Quick cover. Drought tolerant and winter hardy.
in mixture	1/2 bu. (28 lbs)	0.6 lb	P		
			C		
RYEGRASS, ANNUAL *Lolium temulentum*					
alone	40 lbs	0.9 lb	M-L		227,000 seed per pound. Dense cover. Very competitive and is not to be used in mixtures.
			P		
			C		
SUDANGRASS *Sorghum sudanese*					
alone	60 lbs	1.4 lbs	M-L		65,000 seed per pound. Good on droughty sites. Not recommended for mixtures.
			P		
			C		

Species	Broadcast Rates		Resource Area[3]	Planting Dates by Resource Area (Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.) J F M A M J J A S O N D	Remarks
	Rate Per Acre[2]	Pure Live Seed (PLS) Per 1000 sqft			
TRITICALE *X-Triticosecale*					
alone	3 bu. (144 lbs)	3.3 lbs	C		Use on lower part of Southern Coastal Plain and on Atlantic Coastal Flatwoods only.
in mixture	1/2 bu. (24 lbs)	0.6 lb			
WHEAT *Triticum aestivum*					
alone	3 bu. (180 lbs)	4.1 lbs	M-L		15,000 seed per pound. Winter hardy.
in mixture	1/2 bu. (30 lbs)	0.7 lb	P		
			C		

[1]Temporary cover crops are very competitive and will crowd out perennials if seeded too heavily
[2]Reduce seeding rates by 50% when drilled.
[3]M-L represents the Mountain, Blue Ridge, and Ridges and Valleys MLRAs
P represents the Southern Piedmont MLRA
C represents Southern Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast Flatwoods MLRAs
(see Figure 6-4.1, p. 6-40)

Ds2

SOD LAYOUT AND PREPARATION



LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

BUTTING: ANGLED ENDS CAUSED BY THE AUTOMATIC SOD CUTTER MUST BE MATCHED CORRECTLY.

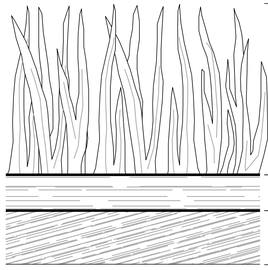
DIRECTIONS FOR INITIAL MAINTENANCE

Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL

Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.

Step 3. MOW WHEN THE SOD IS ESTABLISHED -- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD



SHOOTS OR GRASS BLADES: GRASS SHOULD BE GREEN AND HEALTHY, MOWED AT A 2"-3" CUTTING HEIGHT.

THATCH: GRASS CLIPPINGS AND DEAD LEAVES (UP TO 1/2" THICK).

ROOT ZONE: SOIL AND ROOTS. SHOULD BE 1/2"-3/4" THICK WITH DENSE ROOT MAT FOR STRENGTH.

5 DISTURBED AREA STABILIZATION (WITH SODDING)
SCALE: NTS

Ds4

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001394 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 36879 SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION
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SHEET TITLE
DRAINAGE & EPSC DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C3.44

GSWCC 2016 Edition

Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER [1]

Species	Broadcast Rates: Pure Live Seed (PLS) Rate Per Acre[2] Per 1000 sqft		Resource Area[3]	Planting Dates by Resource Area: Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates. J F M A M J J A S O N D	Remarks
BAHIA, PENSACOLA *Paspalum notatum*					
alone or with temporary cover	60 lbs	1.4 lbs	P		166,000 seed per pound. Low growing. Sod forming. Slow to establish. Plant with a companion crop. Will topkread nto bermuda pastures and awns. Mix with Sericea lespedeza or weeping lovegrass.
with other perennials	30 lbs	0.7 lb	C		
BAHIA, WILMINGTON *Paspalum notatum*					
alone or with temporary cover	60 lbs	1.4 lb	M-L		
with other perennials	30 lbs	0.7 lb	P		Same as above.
BERMUDA, COMMON *Cynodon dactylon*					
Hulled seed			P		
alone	10 lbs	0.2 lb	C		1,787,000 seed per pound. Quick cover. Low growing and sod forming. Full sun. Good for athletic fileds.
with other perennials	6 lbs	0.7 lb			
BERMUDA, COMMON *Cynodon dactylon*					
Unhulled seed					
with temporary cover	10 lbs	0.2 lb	P		Plant with winter annuals.
with other perennials	6 lbs	0.1 lb	C		Plant with Tall Fescue

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Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER [1]

Species	Broadcast Rates: Pure Live Seed (PLS) Rate Per Acre[2] Per 1000 sqft		Resource Area[3]	Planting Dates by Resource Area: Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates. J F M A M J J A S O N D	Remarks
LESPEDEZA *Ambro vergata* *Lespedeza virgata DC* or *Appalow* *Lespedeza cuneata (Dumont) G. Don)*					
scarified	60 lbs	1.4 lbs	M-L P C		300,000 seed per pound. Height of growth is 18 to 24 inches. Advantageous in urban areas. Spreading-type growth. New growth has bronze coloration. Mix with weeping lovegrass, common bermuda, bahia, tall fescue or winter annuals. Do not mix with Sericea lespedeza. Slow to develop solid stands. Inoculate seed with EL inoculant.
unscarified	75 lbs	1.7 lb	M-L P C		
LESPEDEZA, SHRUB *Lespedeza bicolor* *Lespedeza thumbergi*					
plants	3' x3'		M-L P C		Provide wildlife food and cover.
LOVEGRASS, WEEPING *Eragrostis curvula*					
alone	4 lbs	0.1 lb	M-L P C		1,500,000 seed per pound. Quick cover. Drought tolerant. Grows well with Sericea lespedeza on roadbanks.
with other perennials	2 lbs	0.05 lb			

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Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER [1]

Species	Broadcast Rates: Pure Live Seed (PLS) Rate Per Acre[2] Per 1000 sqft		Resource Area[3]	Planting Dates by Resource Area: Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates. J F M A M J J A S O N D	Remarks
BERMUDA SPRIGS *Cynodon dactylon*					
Coastal, Common, Midland, or Tift 44	40 cu ft	0.9 cu ft or sod plugs 3' x3'	M-L		A cubic foot contains approximately 650 sprigs. A bushel contains 1.25 cubic feet or approximately 800 springs.
Coastal, Common, of Tift 44			P C		Same as above.
Tift 78			C		Southern Coastal Plain only
CENTIPEDE *Eremochloa ophuroides*					
	Block sod only		P C		Drought tolerant. Full sun or partial shade. Effective adjacent to concrete and in concentrated flow areas. Irrigation is needed until fully established. Do not plant near pastures. Winterhardy as far as north Athens and Atlanta
CROWNVETECH *Coronilla varia*					
with winter annuals or cool season grasses	15 lbs	0.3 lb	M-L P		100,000 seed per pound. Dense growth. Drought tolerant and fire resistant. Attractive rose, pink and white blossoms spring to late fall. Mix with 30 pounds of Tall fescue or 15 pounds of rye. Inoculate see with M inoculant. Use from North Atlanta and Northward.

6-47

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Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER [1]

Species	Broadcast Rates: Pure Live Seed (PLS) Rate Per Acre[2] Per 1000 sqft		Resource Area[3]	Planting Dates by Resource Area: Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates. J F M A M J J A S O N D	Remarks
FESCUE, TALL *Festuca arundinacea*					
alone	50 lbs	1.1 lb	M-L P		227,000 seed per pound. Use alone only on better sites. Mix with perennial lespedeza or Crownvetch. Apply topdressing in spring following fall plantings. Not for heavy use areas or athletic fields.
with other perennials	30 lbs	0.7 lb			
KUDZU *Pueraria thumbergiana*					
Plants or crowns	3' - 7' apart		ALL		Rapid and vigorous growth. Excellent in gully erosion control. Will climb. Good livestock forage.
LESPEDEZA SERICEA *Lespedeza cuneata*					
scarified	60 lbs	1.4 lb	M-L P C		350,000 seed per pound. Widely adapted. Low maintenance. Mix with Weeping lovegrass, Common bermuda, bahia, or tall fescue. Takes 2 to 3 years to become fully established. Excellent on roadbanks. Inoculate seed with EL inoculant.
unscarified	75 lbs	1.7 lb	M-L P C		Mix with Tall fesue or winter annuals. Cut when seed mixture is mature, but before, it shatters. Add Tall fescue or winter annuals.
seed- bearing hay	3 tons	1338 lbs	M-L P C		

6-48

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Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER [1]

Species	Broadcast Rates: Pure Live Seed (PLS) Rate Per Acre[2] Per 1000 sqft		Resource Area[3]	Planting Dates by Resource Area: Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates. J F M A M J J A S O N D	Remarks
MAIDENCANE *Panicum hemitomon*					
sprigs	2' x 3' spacing		ALL		For very wet sites. May clog channels. Dig sprigs from local sources. Use along river banks and shorelines.
PANICGRASS, ATLANTIC COASTAL *Panicum amarum var amarukum*					
	20 lbs	0.5 lb	P C		Grows well on coastal sand dunes, borrow areas, and gravel pits. Provides winter cover for wildlife. Mix with Sericea lespedeza except on sand dunes.
REED CANARY GRASS *Phalaris arundinacea*					
alone	50 lbs	1.1 lb	M-L		
with other perrenials	30 lbs	0.7 lb	P		Grows similar to Tall fescue
SUNFLOWER, 'AZTEC' MAXIMILLIAN *Helianthus maximillani*					
	10 lbs	0.2 lb	M-L P C		227,000 seed per pound. Mix with Weeping lovegrass or other low-grwoing grasses or legumes.

1 Reduce seeding rates by 50% when drilled
2 PLS is an abbreviation for Pure Live Seed. Refer to Section V.E. of these specifications.
3 M-L represents to Mountain; Blue Ridge; and Ridges and Valleys MLRAs
P represents the Southern Piedmont MLRA
C represents the Souther Coastal Plain;Sand Hills;Black Lands;and Atlantic Coast Flatwoods MLRAs. See Figure 6-4.1

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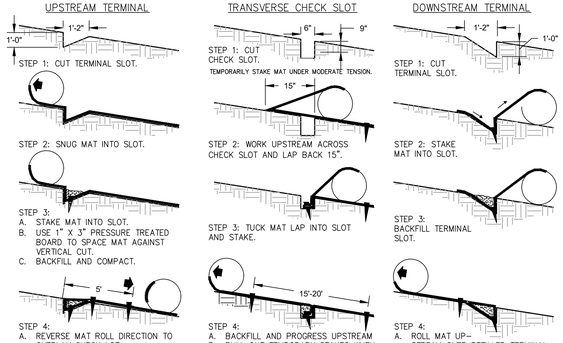
Table 6-5.1. Fertilizer Requirements

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.	

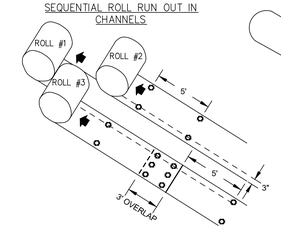
1/ Apply in spring following seeding.
2/ Apply in split applications when high rates are used.
3/ Apply in 3 split applications.
4/ Apply when plants are pruned.
5/ Apply to grass species only.
6/ Apply when plants grow to a height of 2 to 4 inches.

TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

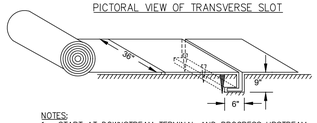
BLANKET AND MATTING CROSS-SECTIONS



SEQUENTIAL ROLL RUN OUT IN CHANNELS



PICTORAL VIEW OF TRANSVERSE SLOT



NOTES:
1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID-CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
3. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND THE FIRST ROLL. USE THE CENTER ROLL FOR ALIGNMENT TO THE CHANNEL CENTER.
4. WORK OUTWARDS FROM THE CHANNEL CENTER TO THE EDGE.
5. USE 3" OVERLAPS AND STAKE AT 5' INTERVALS ALONG THE SEAMS.
6. USE 3' OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT THE LINING AT THE ROLL ENDS.

Ch-1 Ch-2 Ss

2 EROSION CONTROL MATTING
SCALE: nts

Table 6-5.3.

Durable Shrubs and Ground Covers for Permanent Cover

Ground covers include a wide range of low-growing plants planted together in considerable numbers to cover large areas of the landscape. Ground covers grow slower than grasses. Weeds are likely to compete, especially the first year. Maintenance is needed to insure survival. These ground covers will not be used unless proper maintenance is planned. Maintain mulch at three-inch thickness until plants provide adequate cover.

Fall planting is encouraged because the need for constant watering is reduced and plants have time to establish new roots before hot weather.

Common Name	Scientific Name	Mature Height	Plant Spacing	Comments
Albelia	Abelia grandiflora	3-4 ft.	5 ft.	Also a prostrate form 2 feet high. Sun, semi-shade. Semi-evergreen.
Carolina Yellow Jessamine	Gelsemium sempervirens	low	3 ft.	Vine. Yellow, trumpet-like flowers. Hardy, one of best vines. Evergreen. Native to Georgia.
Carpet Blue	Ajuga reptans	2-4 in.	3 ft.	Needs good drainage, partial shade. Blue or white flowers. Evergreen.
Bearberry Cotoneaster	Cotoneaster dammeri	2-4 ft.	5 ft.	White flowers, red fruit. Sun. Evergreen.
Ground Cover Cotoneaster	Cotoneaster salicifoluis 'Repens'	1-2 ft.	5 ft.	White flowers, red fruit. Sun. Evergreen.
Rock Cotoneaster	Cotoneaster horizontalis	1-2 ft.	5 ft.	Semi-evergreen. Sun.
Virginia Creeper	Parthenocissue quinquefolia	low	3 ft.	Red in fall. Vine. Deciduous. Native to Georgia.
Daylily	Hemerocallis spp.	2-3 ft.	2 ft.	Many flower colors. Full sun. Very hardy.
English Ivy	Hedera helix	low	3 ft.	Shade only. Climbs.
Compacta Holly	Ilex crenata 'Compacta'	3-4 ft.	5 ft.	Sun, semi-shade.
Chinese Holly	Ilex cornuta 'Rotunda'	3-4 ft.	5 ft.	Very durable. Sun, semi-shade.
Dwarf Burford Holly	Ilex burfordii 'Nana'	5-8 ft.	8 ft.	
Dwarf Yaupon Holly	Ilex vomitoria 'Nana'	3-4 ft.	5 ft.	Very durable, sun, semi-shade.

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Table 6-5.3. Durable Shrubs and Ground Covers for Permanent Cover

Common Name	Scientific Name	Mature Height	Plant Spacing	Comments
Repandens Holly	Ilex crenata 'Repandens'	2-3 ft.	5 ft.	Sun, semi-shade.
Andorra Juniper	Juniperus horizontalis 'Plumosa'	2-3 ft.	5 ft.	Excellent for slopes. Sun.
Andorra Compacta Juniper	Juniperus horizontalis 'Plumosa compacta'	1-2 ft.	5 ft.	More compact than andora.
Blue Chip Juniper	Juniperus horizontalis 'Blue Chip'	8-10 in.	4 ft.	
Blue Rug Juniper	Juniperus horizontalis 'Wiltonii'	4-6 in.	3 ft.	Very low. Sun.
Parsons Juniper	Juniperus davurica 'Expansa' (Squamata Parsoni)	18-24 in.	5 ft.	One of the best, good winter cover.
Pfitzer Juniper	Juniperus chinensis 'Pfitzerana'	6-8 ft.	6 ft.	Needs room.
Prince of Wales Juniper	Juniperus horizontalis 'Prince of Wales'	8-10 in.	4 ft.	Feathery appearance.
Sargent Juniper	Juniperus chinensis 'Sargentii'	1-2 ft.	5 ft.	Full sun. Needs good drainage. Good winter color.
Shore Juniper	Juniperus conferta	2-3 ft.	5 ft.	Emerald Sea or Blue Pacific cultivars are good.
Liriope	Liriope muscari	8-10 in.	3 ft.	

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Table 6-5.4.

Trees for Erosion Control

SITE	SOIL MATERIAL	COMMON SOILS	PLANTING TREE SPECIES[3]	SPACING	PLANTING DATES[4]
Borrow areas, graded areas, and spoil material	Sandy	Lakeland, Troup	Loblolly pine (Pinus taeda) Longleaf pine (Pinus palustris)	[2]	M-L,P 12/1-3/15 C 12/1-3/1
	Loamy	Orangeburg, Tifton	Loblolly pine Slash pine Loblolly pine	[2]	M-L,P 12/1-3/15 C 12/1-3/1
	Clay	Cecil, Faceville	Slash pine Virginia pine (Pinus virginiana)	[2]	M-L,P 12/1-3/15 C 12/1-3/1
Streambanks			Willows* (Salix speciecs)	2 ft x 2 ft	ALL

1 Other trees and shrubs listed on Table 6-25.3 may be interplanted with the pines for improved wildlife benefits.

2 Type of Planting — Tree Spacing — No. of Trees Per Acre
Trees alone — 4 ft. x 4 ft. — 2722
Trees in combination with grasses and/or other plants — 6 ft. x 6 ft. — 1210

3 M-L represents the Mountains; Blue Ridge; and Ridges and Vallevs MLRAs
P represents the Southern Piedmont MLRA
C represents the Southern Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast Flatwoods ML RAs (See Figure 6-4.1).

4 Fertilization of companion crop is ample for this species.

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Table 6-5.3. Durable Shrubs and Ground Covers for Permanent Cover

Common Name	Scientific Name	Mature Height	Plant Spacing	Comments
Creeping Liriope	Liriope spicata	10-12 in.	1 ft.	Spreads by runners.
Big Leaf Periwinkle	Vinca major	12-15 in.	4 ft.	Lilac flowers in spring. Semi-shade.
Common Periwinkle	Vinca minor	5-6 in.	4 ft.	Lavender-blue flowers in spring. Semi-shade
Cherokee Rose	Rosa laevigata	2 ft.	5 ft.	Rampant grower. Not for restricted spaces. State flower.
Memoria Rose	Rosa weuchuriana	2 ft.	5 ft.	Rampant grower.
St. Johnswort	Hypericum calycenum	8-12 in.	3 ft.	Semi-shade.
Anthony Waterer Spirea	Spirea bumalda	3-4 ft.	5 ft.	Sun.
Thunberg Spirea	Spirea thinbergii	3-4 ft.	5 ft.	Sun.

NOTE: REFER TO L-SERIES DRAWINGS FOR LANDSCAPE PLANTINGS PROPOSED FOR FINAL CONDITION. DS3 TO BE USED IN AREAS THAT ARE DISTURBED DURING CONSTRUCTION THAT DO NOT RECEIVE PLANTING ON THE L-SERIES DRAWINGS.

Ds3

1 DISTURBED AREA STABILIZATION (WITH PERMENANT SEEDING)
SCALE: NTS

Table 1.
Spray-On Adhesive Application Requirements

Adhesive	Water Dilution	Nozzle Type	Application (Gal./Acre)
Anionic asphalt emulsion	7:1	Coarse spray	1,200
Latex emulsion	12.5:1	Fine spray	235
Resin-in-water emulsion	4:1	Fine spray	300

NOTES:
1. APPLY ACCORDING TO PLAN
2. MULCH DISTURBED AREAS AND TACKIFY WITH RESINS SUCH AS ASPHALT, CURASOL, OR TERRATACK ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT VEGETATION.
4. IRRIGATE DISTURBED AREAS UNTIL SURFACE IS WET.
5. COVER SURFACES WITH CRUSHED STONE OR GRAVEL.
6. APPLY CALCIUM CHLORIDE AT A RATE TO KEEP SURFACES MOIST.
7. APPLY SPRAY-ON ADHESIVES TO MINERAL SOILS DESCRIBED IN TABLE 1.
8. PROHIBIT TRAFFIC ON SURFACE AFTER SPRAYING.
9. SUPPLEMENT SURFACE COVERING AS NEEDED.

Du

3 DUST CONTROL
SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001294 WHIT ALEXANDER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE026879 SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
DRAINAGE & EPSC DETAILS

PROJECT NO. 21091
DATE 9 / 6 / 2024
DRAWN BY SB
SCALE NTS
CHECKED BY OM
SHEET NO. C3.45

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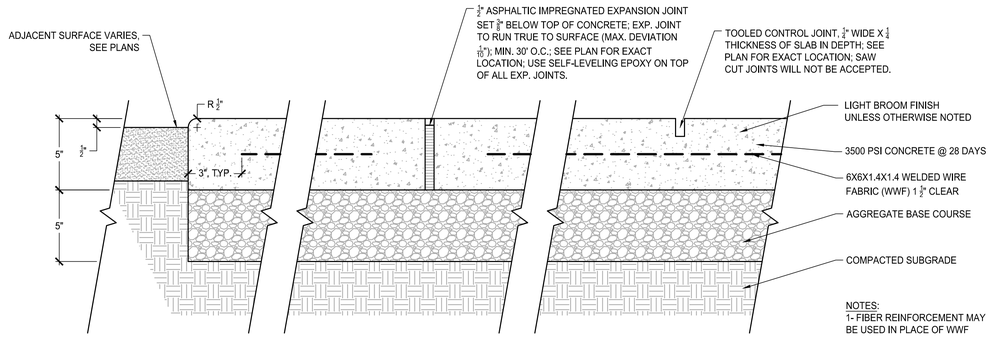
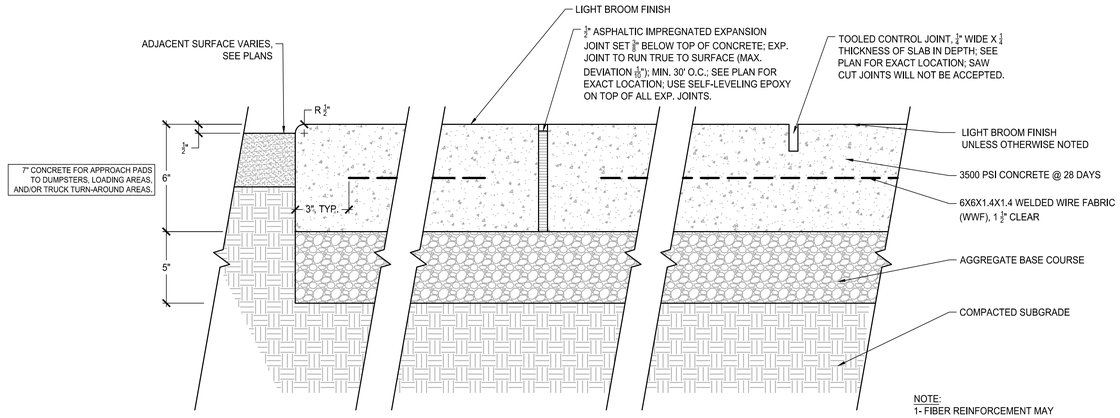


1 CONCRETE PAVEMENT (LIGHT-DUTY)

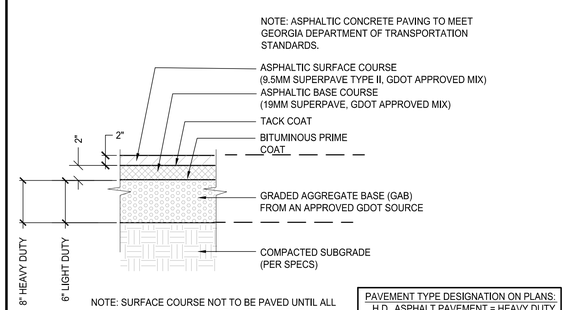
SCALE: N.T.S.



HEAVY DUTY SECTION

2 CONCRETE PAVEMENT (HEAVY-DUTY)

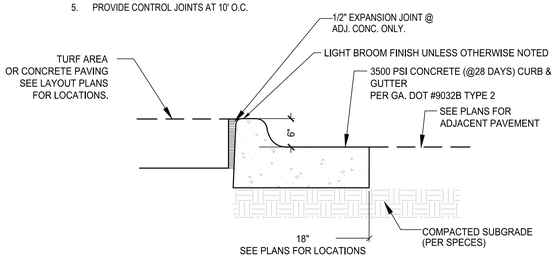
SCALE: N.T.S.



3 ASPHALT PAVEMENT

SCALE: N.T.S.

NOTES:
1. PROVIDE EXPANSION JOINTS 30' O.C. MAX. AT ENDS & MID POINTS OF RADIUS RETURNS AND ANY POINT NEW CURB & GUTTER ABUTS EXISTING OR PROPOSED CONCRETE.
2. PROVIDE 5' LONG TRANSITION BETWEEN NORMAL AND PITCHED GUTTER UNLESS OTHERWISE NOTED ON PLANS.
3. NO STRAIGHT SEGMENTS SHALL BE CONSTRUCTED IN RADII.
4. CURB AND GUTTER IN DECEL. LANES TO BE 30" U.N.O.
5. PROVIDE CONTROL JOINTS AT 10' O.C.



4 CURB & GUTTER

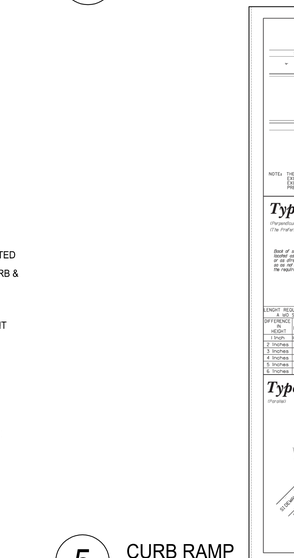
SCALE: N.T.S.

6 POST CURB

SCALE: N.T.S.

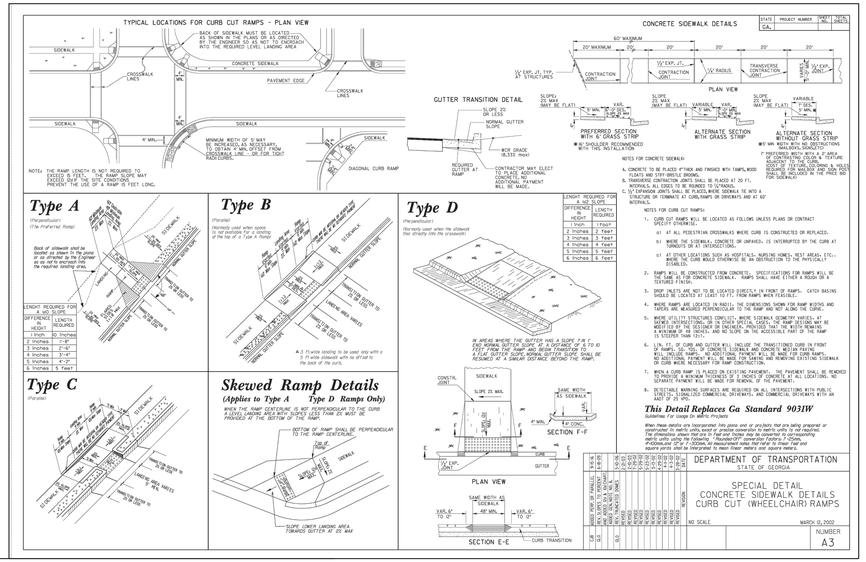
7 TACTILE WARNING

SCALE: N.T.S.



5 CURB RAMP

SCALE: N.T.S.



NOTES:
1. INSTALL ALL COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.
2. SUBMIT PRODUCT DETAILS AND COLOR SAMPLES FOR OWNER SELECTION PRIOR TO ORDERING OR INSTALLATION. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS.
5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN TEXTURED DOMES.
6. RAMP AND WING SLOPES SHALL NOT BE STEEPER THAN 12:1
7. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA.
8. THE WING AND RAMP SURFACES SHALL BE 3500 PSI CONCRETE WITH A SIDEWALK FINISH IN ACCORDANCE WITH GDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
9. DRAINAGE STRUCTURES, MAST ARMS, LIGHT POLES, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN LINE WITH RAMPS. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF OBSTRUCTIONS EXCEPT WHERE EXISTING OBSTRUCTIONS ARE BEING UTILIZED IN THE NEW CONSTRUCTION.
10. AT ALL LOCATIONS, NOT LESS THAN TWO FEET OF FULL HIGH CURB SHALL BE PLACED BETWEEN RAMPS.
11. DETECTABLE WARNINGS SHALL BE COMPRISED OF DETECTABLE MODULAR TILE CONFORMING TO THE FOLLOWING: -PROVIDE MODULAR PAVER DETECTABLE WARNING SURFACE TILES AND ACCESSORIES AS PRODUCED BY A SINGLE MANUFACTURER WITH A MINIMUM OF THREE (3) YEARS EXPERIENCE IN THE MANUFACTURING OF MODULAR PAVER DETECTABLE/TACTILE WARNING SURFACE TILES. -INSTALLER'S QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER CERTIFIED IN WRITING BY MODULAR PAVER DETECTABLE/TACTILE WARNING SURFACE TILE MANUFACTURER AS QUALIFIED FOR INSTALLATION SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR PROJECT. -AMERICANS WITH DISABILITIES ACT (ADA): PROVIDE MODULAR PAVER DETECTABLE/TACTILE WARNING SURFACE TILES WHICH COMPLY WITH THE DETECTABLE WARNINGS ON WALKING SURFACES SECTION OF THE AMERICANS WITH DISABILITIES ACT (TITLE III REGULATIONS, 28 CFR PART 36 ADA STANDARDS FOR ACCESSIBLE DESIGN, APPENDIX A, SECTION 4.29.2 DETECTABLE WARNINGS ON WALKING SURFACES). -VITRIFIED POLYMER COMPOSITE (VPC) MODULAR PAVER DETECTABLE/TACTILE WARNING SURFACE TILES SHALL BE AN EPOXY POLYMER COMPOSITION WITH AN ULTRA VIOLET STABILIZED COATING EMPLOYING ALUMINUM OXIDE PARTICLES IN THE TRUNCATED DOMES. THE TILE SHALL INCORPORATE AN IN-LINE PATTERN OF TRUNCATED DOMES MEASURING NOMINAL 0.2" HEIGHT, 0.9" BASE DIAMETER, AND 0.45" TOP DIAMETER, SPACED CENTER-TO-CENTER 2.35" AS MEASURED ON A DIAGONAL AND 1.70" AS MEASURED SIDE BY SIDE. FOR WHEELCHAIR SAFETY THE FIELD AREA SHALL CONSIST OF A NON-SLIP SURFACE WITH A MINIMUM OF 40 - 90° RAISED POINTS 0.045" HIGH, PER SQUARE INCH; ARMOR-TILE® AS MANUFACTURED BY ENGINEERED PLASTICS INC., TEL: 800-682-2525, OR APPROVED EQUAL. -DIMENSIONS: MODULAR PAVER DETECTABLE/TACTILE WARNING SURFACE TILES SHALL BE HELD WITHIN THE FOLLOWING DIMENSIONS AND TOLERANCES: LENGTH AND WIDTH: [12X12] NOMINAL DEPTH: 1.375 (1-3/8") (+/-) 5% MAX. FACE THICKNESS: 0.1875 (1-3/8") (+/-) 5% MAX. WARPAGE OF EDGE: 0.5% MAX. -WATER ABSORPTION OF TILE WHEN TESTED BY ASTM D 570-98 NOT TO EXCEED 0.05%. -SLIP RESISTANCE OF TILE WHEN TESTED BY ASTM C 1028-96 WET/DRY STATIC CO-EFFICIENT OF FRICTION VALUES ARE NOT TO BE LESS THAN 0.80 ON TOP OF DOMES AND FIELD AREA. -COMPRESSIVE STRENGTH OF TILE WHEN TESTED BY ASTM D 695-02 NOT TO BE LESS THAN 28,000 PSI. -TENSILE STRENGTH OF TILE WHEN TESTED BY ASTM D 638-03 NOT TO BE LESS THAN 19,000 PSI. -FLEXURAL STRENGTH OF TILE WHEN TESTED BY ASTM D 790-03 NOT TO BE LESS THAN 25,000 PSI. -CHEMICAL STAIN RESISTANCE OF TILE WHEN TESTED BY ASTM D 543-95 (RE APPROVED 2001) TO WITHSTAND WITHOUT DISCOLORATION OR STAINING –10% HYDROCHLORIC ACID, URINE, SATURATED CALCIUM CHLORIDE, BLACK STAMP PAD INK, CHEWING GUM, RED AEROSOL PAINT, 10% AMMONIUM HYDROXIDE, 1% SOAP SOLUTION, TURPENTINE, UREA 5%, DIESEL FUEL AND MOTOR OIL. -ABRASIVE WEAR OF TILE WHEN TESTED BY K - GARDNER TESTER ASTM D 2486-00* (*ATX-G-U STANDARD) WITH RECIPROCATING LINEAR MOTION OF 37± CYCLES PER MINUTE OVER A 10" TRAVEL. THE ABRASIVE MEDIUM, A 40 GRIT NORTON METALLITE SAND PAPER, TO BE FIXED AND LEVELED TO A HOLDER. THE COMBINED MASS OF THE SLED, WEIGHT AND WOOD BLOCK IS TO BE 3.2 LB. AVERAGE WEAR DEPTH SHALL NOT EXCEED 0.06 AFTER 1000 ABRASION CYCLES MEASURED ON THE TOP SURFACE OF THE DOME REPRESENTING THE AVERAGE OF SIX MEASUREMENT LOCATIONS PER SAMPLE. -RESISTANCE TO WEAR OF UNGLAZED CERAMIC TILE BY TABER ABRASION PER ASTM C501-84 (RE APPROVED 2002) SHALL NOT BE LESS THAN 500. -FIRE RESISTANCE OF TILE WHEN TESTED TO ASTM E 84-05 FLAME SPREAD BE LESS THAN 15. -GARDNER IMPACT TO GEOMETRY "GE" OF THE STANDARD WHEN TESTED BY ASTM D 5420-04 TO HAVE A MEAN FAILURE ENERGY EXPRESSED AS A FUNCTION OF SPECIMEN THICKNESS OF NOT LESS THAN 550 IN. LBF/IN. A FAILURE IS NOTED WHEN A CRACK IS VISIBLE ON EITHER SURFACE OR WHEN ANY BRITTLE SPLITTING IS OBSERVED ON THE BOTTOM PLAQUE IN THE SPECIMEN. -ACCELERATED WEATHERING OF TILE WHEN TESTED BY ASTM G 155-05A FOR 3000 HOURS SHALL EXHIBIT THE FOLLOWING RESULT - ΔE <4.5, AS WELL AS NO DETERIORATION, FADING OR CHALKING OF SURFACE OF TILE COLOR NO 33538. -ACCELERATED AGING AND FREEZE THAW TEST OF TILE AND STRUCTURAL EMBEDMENT FLANGE SYSTEM WHEN TESTED TO ASTM D 1037-99 SHALL SHOW NO EVIDENCE OF CRACKING, DELAMINATION, WARPAGE, CHECKING, BLISTERING, COLOR CHANGE, LOOSENING OF TILES OR OTHER DETRIMENTAL DEFECTS. -SALT AND SPRAY PERFORMANCE OF TILE AND STRUCTURAL EMBEDMENT FLANGE SYSTEM WHEN TESTED TO ASTM B 117-03 NOT TO SHOW ANY DETERIORATION OR OTHER DEFECTS AFTER 200 HOURS OF EXPOSURE. -POLYMER CONCRETE AND/OR EPOXY RESIN PROPERTIES SHALL MEET OR EXCEED THE FOLLOWING CRITERIA: -TENSILE STRENGTH OF RESIN: GREATER THAN 7,000PSI; ASTM D 638 -MODULUS OF ELASTICITY OF RESIN: GREATER THAN 4,000PSI; ASTM D 638 -BOND STRENGTH OF POLYMERIC CONCRETE: GREATER THAN 8,000PSI; ASTM C 551

FAYETTE COUNTY PARKS & RECREATION
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FAYETTE COUNTY, GEORGIA

FAYETTE COUNTY

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CONSTRUCTION DOCUMENTS		

SHEET TITLE
SITE DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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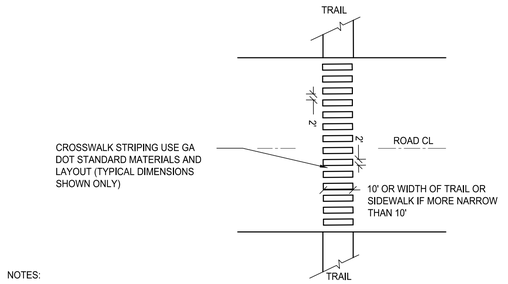
SHEET NO.
C4.00



NOTES:

1.CROSSWALK MARKING TO ALIGN WITH SIDEWALK.
CROSSWALK TO BE PERPENDICULAR TO ROAD - (FIELD ADJUST)

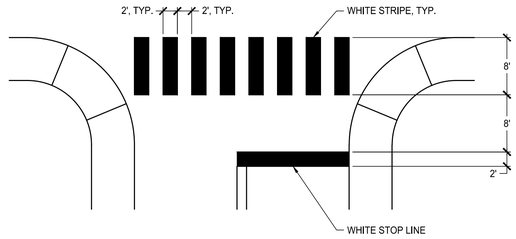
2.CROSSWALK STRIPING TO BE MARKED IN ACCORDANCE TO GA DOT STANDARDS.

1 CROSSWALK STRIPING

SCALE: N.T.S.

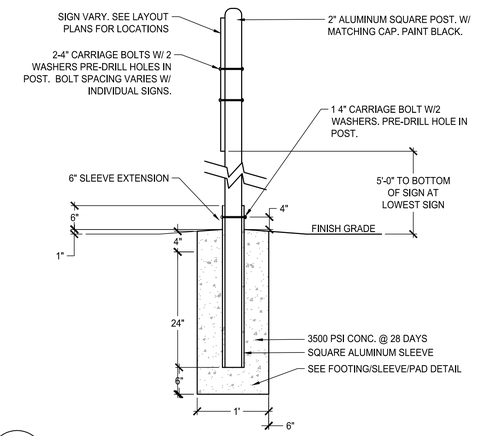
NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER GDOT STANDARDS UNLESS OTHERWISE NOTED.
2. ALL MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION.
3. ALIGN CROSSWALK WITH HANDICAP RAMPS.
4. WIDTH OF CROSSWALK SHALL BE 8' (MIN.) OR AS SPECIFIED ON PLANS.
5. EXACT CORNER CONDITIONS MAY VARY.



2 CROSSWALK & STOP BAR

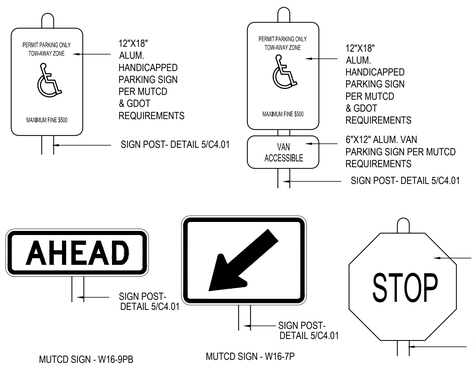
SCALE: N.T.S.



5 SIGN POST & MOUNTING

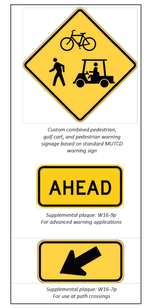
SCALE: N.T.S.

NOTE:
1. ALL TRAFFIC SIGNS MUST FOLLOW MUTCD STANDARDS.
2. TRAFFIC SIGNS SHALL NOT BE LESS THAN 7'-0" FROM GROUND TO BOTTOM OF SIGN.
3. REF. DETAIL 5/C4.01 FOR SIGN POST DETAIL.



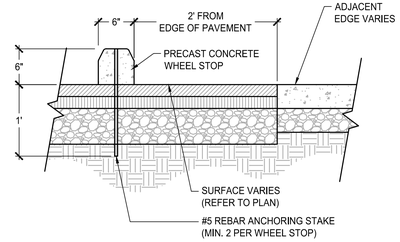
6 SIGNAGE

SCALE: N.T.S.



NOTE:
SEE 5/C4.01 FOR SIGN POST DETAIL.

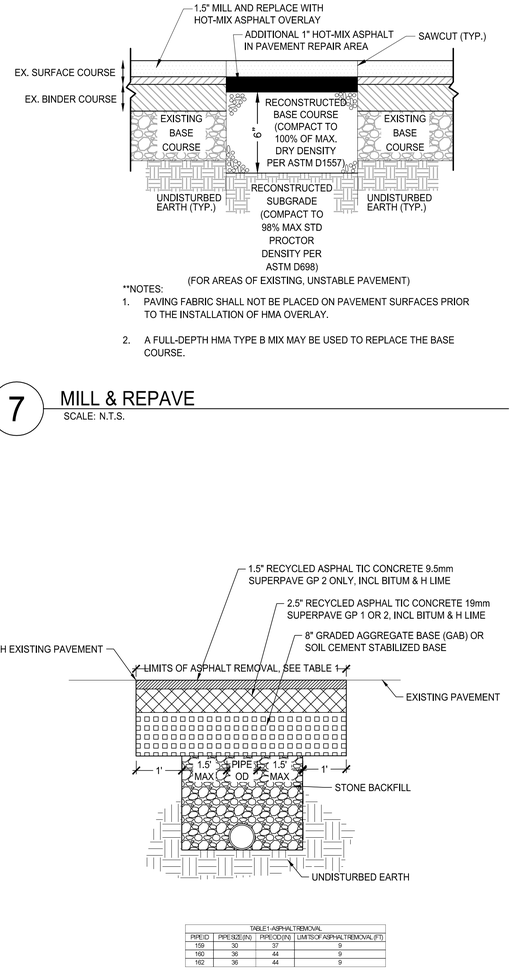
BICYCLE / PEDESTRIAN / CART SIGN



NOTES:
1. SEE PLANS FOR EXACT LOCATIONS OF WHEEL STOPS, SIDEWALKS, AND CURBS.

4 CONCRETE WHEELSTOP

SCALE: N.T.S.



**NOTES:
1. PAVING FABRIC SHALL NOT BE PLACED ON PAVEMENT SURFACES PRIOR TO THE INSTALLATION OF HMA OVERLAY.
2. A FULL-DEPTH HMA TYPE B MIX MAY BE USED TO REPLACE THE BASE COURSE.

7 MILL & REPAVE

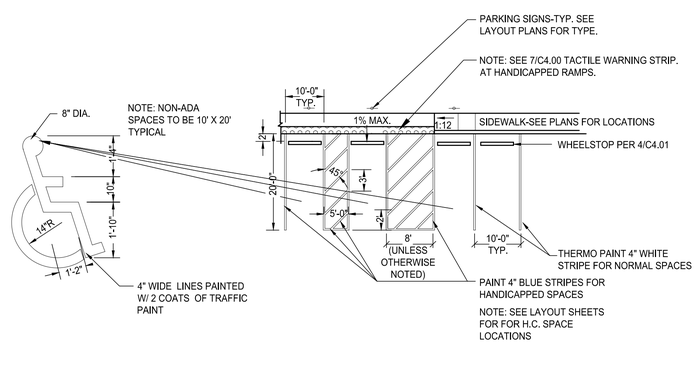
SCALE: N.T.S.

TABLE1-ASPHALT REMOVAL

PIPE ID	PIPE SIZE (IN.)	PIPE OD (IN.)	LIMITS OF ASPHALT REMOVAL (FT.)
159	30	37	9
160	36	44	9
162	36	44	9

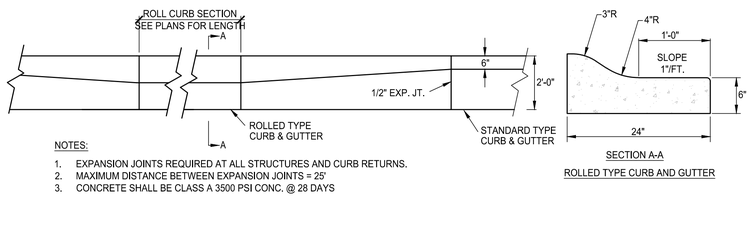
10 PAVEMENT REPAIR

SCALE: N.T.S.



8 PARKING LAYOUT

SCALE: N.T.S.



NOTES:
1. EXPANSION JOINTS REQUIRED AT ALL STRUCTURES AND CURB RETURNS.
2. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS = 25'
3. CONCRETE SHALL BE CLASS A 3500 PSI CONC. @ 28 DAYS

9 ROLLED CURB

SCALE: N.T.S.

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PROJECT NO. 21091	DATE 9 / 6 / 2024
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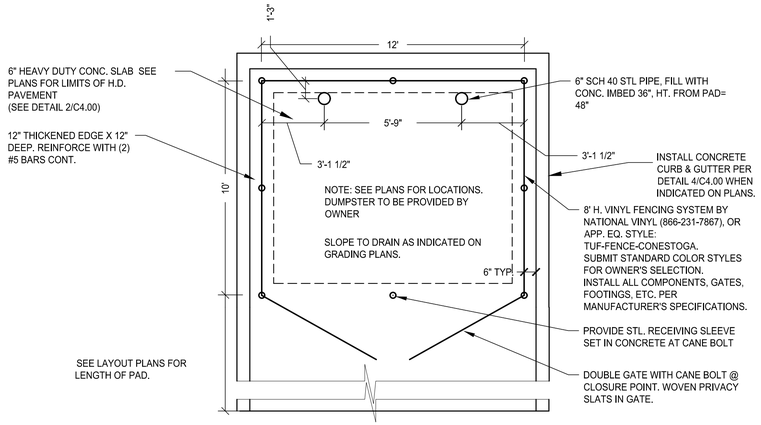
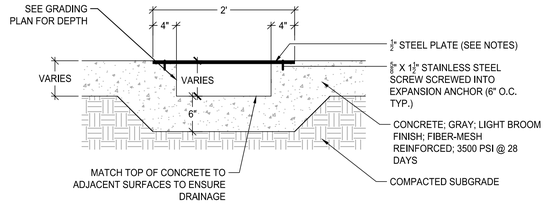


1 DUMPSTER PAD
SCALE: N.T.S.



NOTES:
1. STEEL PLATE TO BE NON-SKID FINISH PRIMED AND PAINTED BLACK WITH PORTER OR EQUIVALENT SEMI-GLOSS EXTERIOR PAINT. CONTRACTOR TO FIELD VERIFY DIMENSIONS AND CUT TO MATCH EDGES.
2. ENDS OF PLATE MAY HAVE TO BE CUT AT ANGLE TO MATCH EDGE OF SIDEWALK.

2 SIDEWALK DRAIN
SCALE: N.T.S.

BENCH:

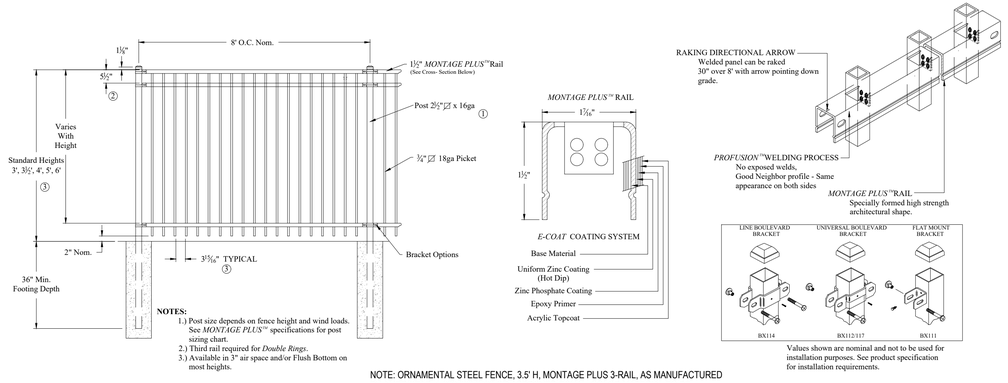
MANUFACTURER :	BELSON
PRODUCT:	PARK BENCH WITH DIAMOND PATTERN STEEL (SURFACE MOUNT)
MODEL NO.:	940SM-V6
CONTACT:	800-323-5664
NOTES:	ASSEMBLE & INSTALL ALL PARTS PER MANUFACTURER'S SPECIFICATIONS. SUBMIT SHOP DRAWINGS.
	COLOR TO BE SELECTED BY OWNER.

3 BENCH
SCALE: N.T.S.

TRASH RECEPTACLE:

MANUFACTURER :	BELSON
PRODUCT:	32 GALLON STEEL TRASH RECEPTACLE | DIAMOND PATTERN (W/ 32 GALLON BIN LINER AND ROUND DOME LID)
MODEL NO.:	TRASH RECEPTACLE: EX-32 ROUND DOME LID: RT-32 32 GALLON BIN LINER: PL32
CONTACT:	800-323-5664
NOTES:	SURFACE MOUNT ASSEMBLE & INSTALL ALL PARTS PER MANUFACTURER'S SPECIFICATIONS. SUBMIT SHOP DRAWINGS.
	COLOR TO BE SELECTED BY OWNER.

4 TRASH RECEPTACLE
SCALE: N.T.S.



NOTE: ORNAMENTAL STEEL FENCE, 3.5' H, MONTAGE PLUS 3-RAIL, AS MANUFACTURED BY AMERISTAR, 1-800-333-3422 OR APPROVED EQUAL. COLOR/MATERIAL TO BE SELECTED BY OWNER.

NOTE: GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO ORDERING, INSTALLATION, ETC. INSTALL ALL FOOTINGS AND COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS.

5 ORNAMENTAL FENCE
SCALE: N.T.S.

FAYETTE COUNTY PARKS & RECREATION
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SHEET TITLE: SITE DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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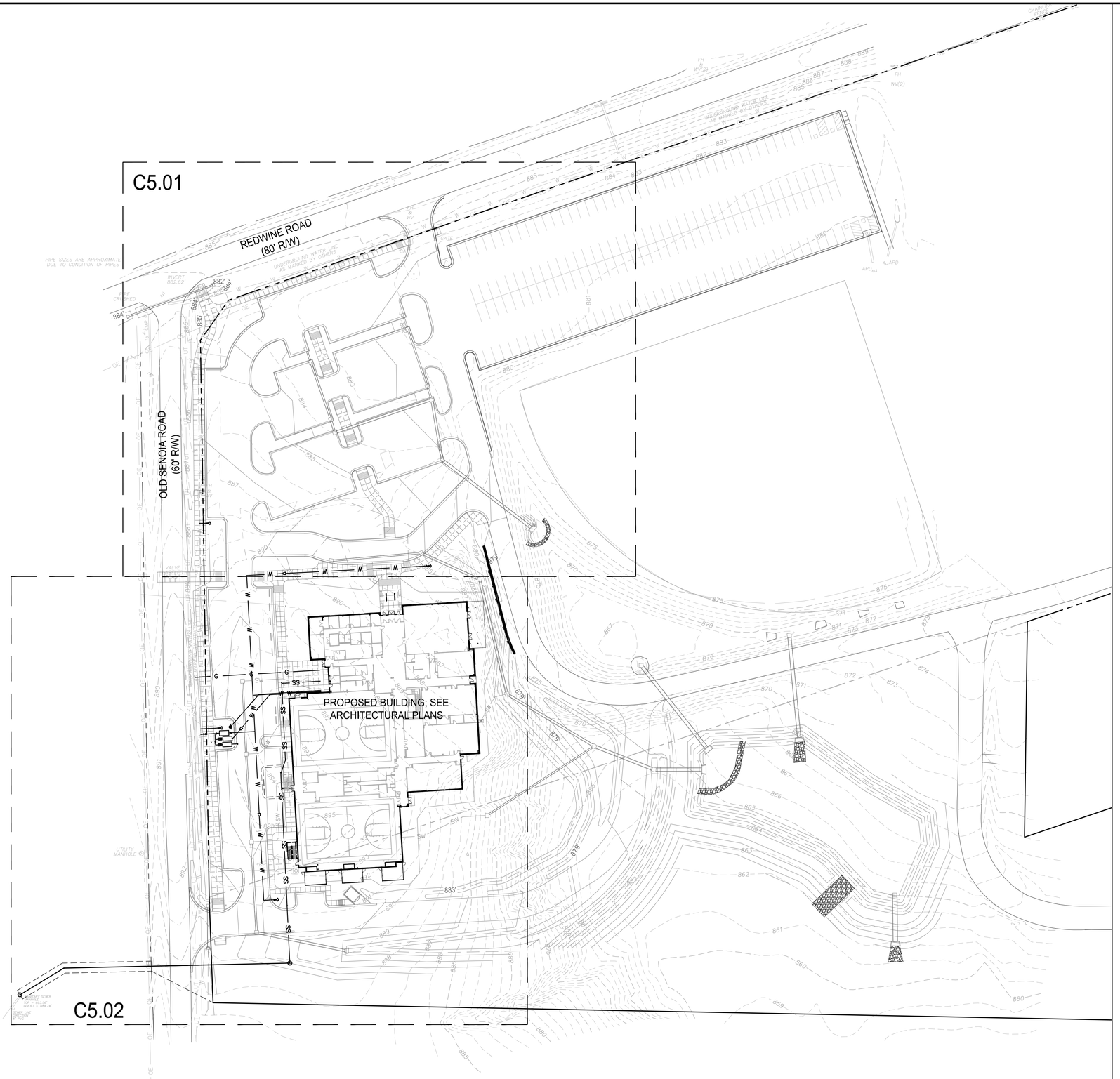
SHEET NO. C4.02



SANITARY SEWER NOTES:

1. ALL WASTEWATER PIPE CONSTRUCTION MUST CONFORM TO ALL REGULATED COUNTY & CITY SEWERAGE DEPT. SEWER STANDARDS AND SPECIFICATIONS.
2. CONSTRUCTION PERMIT AND A MANDATORY PRE-CONSTRUCTION CONFERENCE, WITH INSPECTOR BY APPOINTMENT ONLY, ARE REQUIRED PRIOR TO ANY SEWER WORK.
3. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 96% OF THE THEORETICAL MAXIMUM DENSITY. BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. CONTRACTOR TO FIELD VERIFY LOCATION AND INVERT ELEVATIONS OF WASTEWATER PIPE FOR CONNECTION TO EXISTING WASTEWATER SYSTEMS.
5. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK STABILIZATION AND PROTECTION SHALL BE REQUIRED AS PER EROSION CONTROL REQUIREMENTS AND THE LAWS OF FAYETTE COUNTY.
6. ALL PROPOSED SANITARY SEWER PIPING IS TO BE INSTALLED AT A MINIMUM SLOPE OF 1.0% UNLESS OTHERWISE STATED (SEE SANITARY SEWER PROFILES FOR ADDITIONAL INFORMATION).
7. SEWERS SHOULD BE LAID AT LEAST 10' HORIZONTALLY AND 18" VERTICALLY FROM ANY EXISTING OR PROPOSED WATER MAIN WITH THE WATER MAIN ABOVE THE SEWER PIPE. SEWERS CROSSING WATER MAINS SHALL BE ARRANGED SO THAT THE SEWER THE SEWER JOINTS WILL BE EQUAL DISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHERE A WATER MAIN CROSSES UNDER A SEWER, EITHER THE WATER MAIN OR THE SEWER SHOULD BE DUCTILE IRON OR SHALL BE ENCASED IN DUCTILE IRON OR CONCRETE FOR A MINIMUM OF ONE FULL JOINT LENGTH ON EACH SIDE OF THE CROSSING.
8. ALL SANITARY SEWER PIPE SHALL BE PVC SCHEDULE 40 FOR DEPTHS FROM 6' TO 16' AND D.I.P. FOR DEPTHS LESS THAN 6' OR MORE THAN 16'.

WATER NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS USED IN THE WATER SYSTEM MUST COMPLY IN ALL REGULATED COUNTY & CITY SEWERAGE DEPT. STANDARDS, SPECIFICATIONS AND INSPECTION REQUIREMENTS.
2. THRUST BLOCKS TO BE USED AT ALL BENDS, PLUGS, AND TEES ON LINES 4" AND LARGER.
3. FIRE HYDRANTS SHOWN IN THE RADIUS OF A CURVE SHALL BE FIELD ADJUSTED SO THAT THE ACTUAL INSTALLATION OF FIRE HYDRANTS WILL BE A MIN. OF 3' OUTSIDE IF CURVE RADIUS.
4. ANY CHANGES TO THE WATER DRAWINGS MUST BE APPROVED BY THE REGULATED COUNTY & CITY SEWERAGE DEPT.
5. ALL FIRE HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE REGULATED COUNTY & CITY SEWERAGE DEPT.
6. ALL WATER SERVICE LINES SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES.

0 50 100 150

SCALE: 1" = 50 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 036870
SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

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UTILITY PLAN KEY

PROJECT NO. 21091	DATE 9 / 6 / 2024
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CHECKED BY OM	

SHEET NO.

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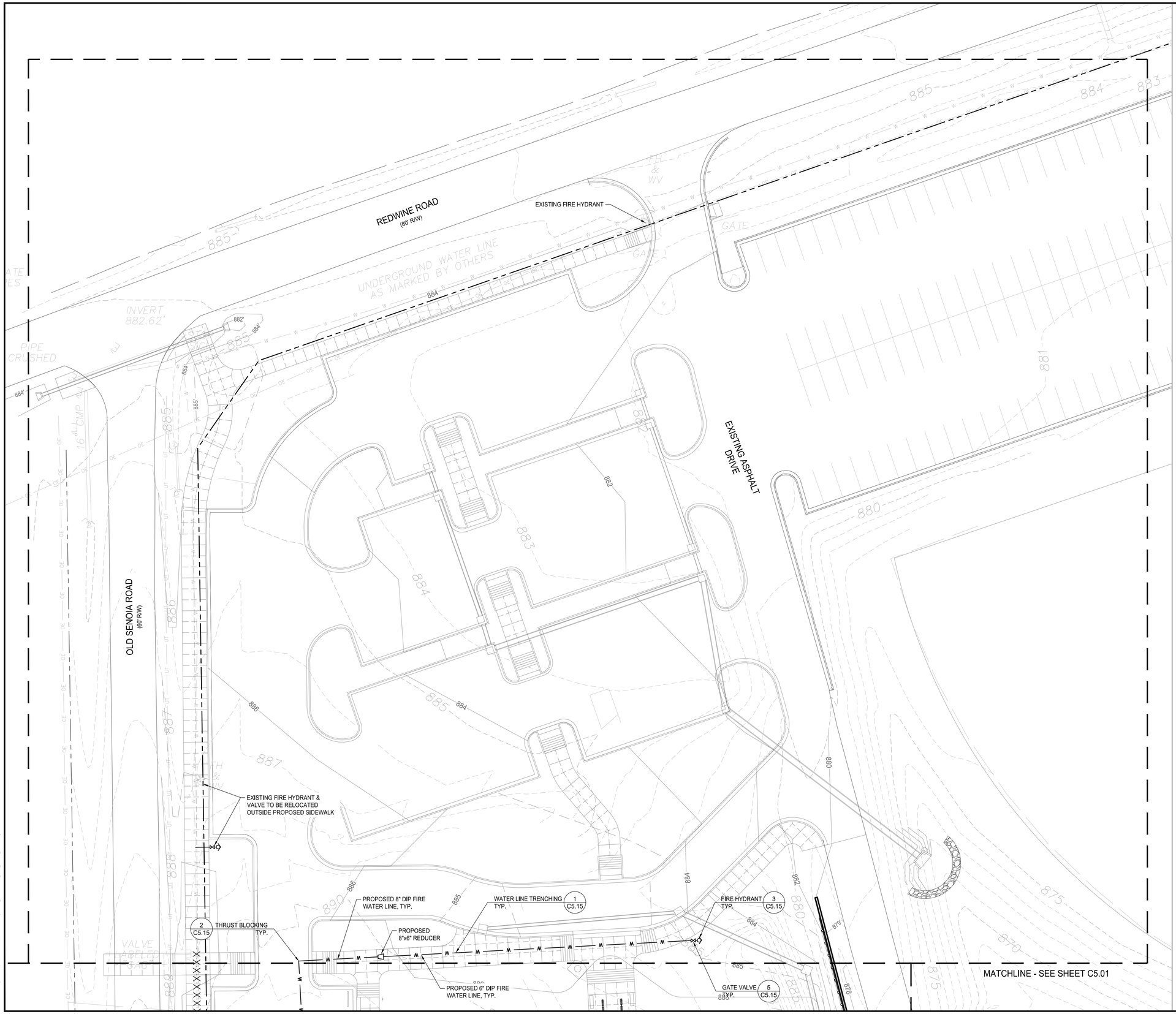

SANITARY SEWER NOTES:

1. ALL WASTEWATER PIPE CONSTRUCTION MUST CONFORM TO ALL REGULATED COUNTY & CITY SEWERAGE DEPT. SEWER STANDARDS AND SPECIFICATIONS.
2. CONSTRUCTION PERMIT AND A MANDATORY PRE-CONSTRUCTION CONFERENCE, WITH INSPECTOR BY APPOINTMENT ONLY, ARE REQUIRED PRIOR TO ANY SEWER WORK.
3. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 96% OF THE THEORETICAL MAXIMUM DENSITY. BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. CONTRACTOR TO FIELD VERIFY LOCATION AND INVERT ELEVATIONS OF WASTEWATER PIPE FOR CONNECTION TO EXISTING WASTEWATER SYSTEMS.
5. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK STABILIZATION AND PROTECTION SHALL BE REQUIRED AS PER EROSION CONTROL REQUIREMENTS AND THE LAWS OF FAYETTE COUNTY.
6. ALL PROPOSED SANITARY SEWER PIPING IS TO BE INSTALLED AT A MINIMUM SLOPE OF 1.0% UNLESS OTHERWISE STATED (SEE SANITARY SEWER PROFILES FOR ADDITIONAL INFORMATION).
7. SEWERS SHOULD BE LAID AT LEAST 10' HORIZONTALLY AND 18" VERTICALLY FROM ANY EXISTING OR PROPOSED WATER MAIN WITH THE WATER MAIN ABOVE THE SEWER PIPE. SEWERS CROSSING WATER MAINS SHALL BE ARRANGED SO THAT THE SEWER THE SEWER JOINTS WILL BE EQUAL DISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHERE A WATER MAIN CROSSES UNDER A SEWER, EITHER THE WATER MAIN OR THE SEWER SHOULD BE DUCTILE IRON OR SHALL BE ENCASED IN DUCTILE IRON OR CONCRETE FOR A MINIMUM OF ONE FULL JOINT LENGTH ON EACH SIDE OF THE CROSSING.
8. ALL SANITARY SEWER PIPE SHALL BE SDR-35 PVC OR SCHEDULE 40 FOR DEPTHS FROM 6' TO 16' AND DIP FOR DEPTHS LESS THAN 6' OR MORE THAN 16'.

WATER NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS USED IN THE WATER SYSTEM MUST COMPLY IN ALL REGULATED COUNTY & CITY SEWERAGE DEPT. STANDARDS, SPECIFICATIONS AND INSPECTION REQUIREMENTS.
2. THRUST BLOCKS TO BE USED AT ALL BENDS, PLUGS, AND TEES ON LINES 4" AND LARGER.
3. FIRE HYDRANTS SHOWN IN THE RADIUS OF A CURVE SHALL BE FIELD ADJUSTED SO THAT THE ACTUAL INSTALLATION OF FIRE HYDRANTS WILL BE A MIN. OF 3' OUTSIDE IF CURVE RADIUS.
4. ANY CHANGES TO THE WATER DRAWINGS MUST BE APPROVED BY THE REGULATED COUNTY & CITY SEWERAGE DEPT.
5. ALL FIRE HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE REGULATED COUNTY & CITY SEWERAGE DEPT.
6. ALL WATER SERVICE LINES SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES.

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 036870
SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

UTILITY PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY NW	SCALE 1" = 20'
CHECKED BY OM	

SHEET NO.

C5.01

MATCHLINE - SEE SHEET C5.00

CONTRACTOR TO LOWER EXISTING WATER LINE AS NEEDED TO PROVIDE 4 FT. COVER (MIN.)

WATER LINE TRENCHING TYP. 1 C5.15

PROPOSED 8"x6" REDUCER

FIRE HYDRANT TYP. 3 C5.15

APPROX. LOCATION OF R/W LINE

APPROXIMATE LOCATION OF PROPOSED 3" GAS LINE CONNECTION TO EXISTING MAIN. CONTRACTOR TO LOCATE EXISTING GAS MAIN IN FIELD.

PROPOSED 8" DIP FIRE WATER LINE, TYP.

COORDINATE ALL UTILITY CONNECTION LOCATIONS WITH ARCH / MEP PLANS FOR EXACT TIE IN LOCATIONS.

PROPOSED 3" GAS LINE. COORD. W/ LOCAL GAS CO.

PROPOSED GAS ENTRY (LOAD OF 2,948 CFH).

SANITARY SEWER SERVICE LATERAL.

12" HDPE STORM PIPE

PROPOSED 6" D.I.P. TO REMOTE FDC.

45° BEND W/ THRUST BLOCKING (TYP)

6 INCH DCDA TYP. 3 C5.16

3 C5.15 FIRE HYDRANT TYP.

8"x8"x6" TEE W/ THRUST BLOCKING (TYP)

CLEANOUT (C.O.), TYP.

PROPOSED 6" D.I.P. FIRE WATER LINE, TYP.

PROPOSED 2.5" PVC DOMESTIC WATER LINE, TYP.

5 C5.15 GATE VALVE TYP.

REMOTE FDC

DCDA AND DCVA IN CONC. VAULTS BELOW GROUND.

PROPOSED BUILDING; SEE ARCHITECTURE DRAWINGS

EXPANDER TO 2.5" WATER LINE

8" TAP TO EXISTING WATER LINE WITH TAPPING SLEEVE, SADDLE, THRUST BLOCK AND GATE VALVE

DCDA

DCVA

RPZ

(PIV)

8" TEE W/ THRUST BLOCKING (TYP)

±162 L.F. OF 6" SANITARY SEWER FROM ARCH / MEP PLANS

3" WATER LINE

2" WATER LINE, GATE VALVE, METER, AND DOUBLE CHECK VALVE ASSEMBLY (DCVA) FOR DOMESTIC WATER SERVICE.

2 INCH DCVA 2 C5.16

SEE IRRIGATION PLANS FOR RPZ DETAILS AND CONTINUATION OF IRRIGATION WATER LINE

1 C5.16 2 INCH METER DOMESTIC

RPZ IN ABOVE GROUND BOX

1.5" WATER LINE, GATE VALVE, AND METER FOR IRRIGATION

PROPOSED 8" DIP FIRE WATER LINE, TYP.

±12 L.F. OF 6" SANITARY SEWER FROM ARCH / MEP PLANS

EXISTING WATER MAIN (TO BE LOWERED FOR GRADING)

INV=881.50' SEE ARCH / MEP PLANS SHEET P0.03 FOR CONTINUATION

PROPOSED 8"x6" REDUCER

SSWR SERVICE & CLEANOUT TYP. 5 C5.05

PROPOSED 6" DIP FIRE WATER LINE, TYP.

OLD SENOJA ROAD (60' R/W)

UTILITY MANHOLE

BORING CONTACT DETAILS WITH THE COUNTY:
CONTRACTOR TO NOTIFY WATER AND PUBLIC WORKS FOR ALL WORK WITHIN COUNTY RIGHT OF WAY.

CONTACT JAMES ROSSER FIELD OPERATIONS SPECIALIST WITH FAYETTE COUNTY WATER SYSTEM
JROSSER@FAYETTECOUNTYGA.GOV - 770-320-6020
PRIOR TO WORKS FOR PERMITTING AND INSPECTIONS.

CONTACT STEVE HOFFMAN FAYETTE COUNTY PUBLIC WORKS
SHOFFMAN@FAYETTECOUNTYGA.GOV, 770-320-6012
FOR CONSTRUCTION WITHIN THE EXISTING ROW (DIGGING, BORING, PAVING, ETC.)

SEWER SERVICE TO BE COORDINATED WITH CITY OF FAYETTEVILLE CONTACT - 770-460-4258

165 L.F. OF 6" SANITARY SEWER SERVICE LINE @ 1.0% MIN SLOPE.

2 C5.15 THRUST BLOCKING TYP.

5 C5.15 GATE VALVE TYP.

CLEANOUT (C.O.), TYP.

CONTRACTOR TO LOWER EXISTING WATER LINE AS NEEDED TO PROVIDE 4 FT. COVER (MIN.)

3 C5.15 FIRE HYDRANT TYP.

6" SANITARY WITH CONC. ENCASEMENT BELOW STORM

THRUST BLOCK TYP. 3 C5.05

4 C5.05 STEEL ENCASEMENT TYP.

120 DEGREE 2" HDPE ELBOW OR BEND

51 LF 2" HDPE FORCE MAIN

225 L.F. OF 2" HDPE FORCE MAIN

EX MH: TC=893.934
EX PIPE INV=885.06
NEW PIPE INV=885.73

PROPOSED 10' WIDE FORCE MAIN EASTMENT

2 C5.05 FORCE MAIN TRENCH TYP.

1 C5.05 GRINDER PUMP TYP.

SS MANHOLE - LIFT STATION
TC=886.50
SUMP=874.50
PIPE IN INV=877.00'
PIPE OUT INV= CALLOUT BY VENDER

SANITARY SEWER MANHOLE
TOP – 893.56'
INVERT – 884.74'

SEWER LINE DIRECTION
8" PVC

APPROX. LOCATION OF R/W LINE

MATCHLINE - SEE SHEET C5.02

SCALE: 1" = 20'

SANITARY SEWER NOTES:

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LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. PE036870
SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

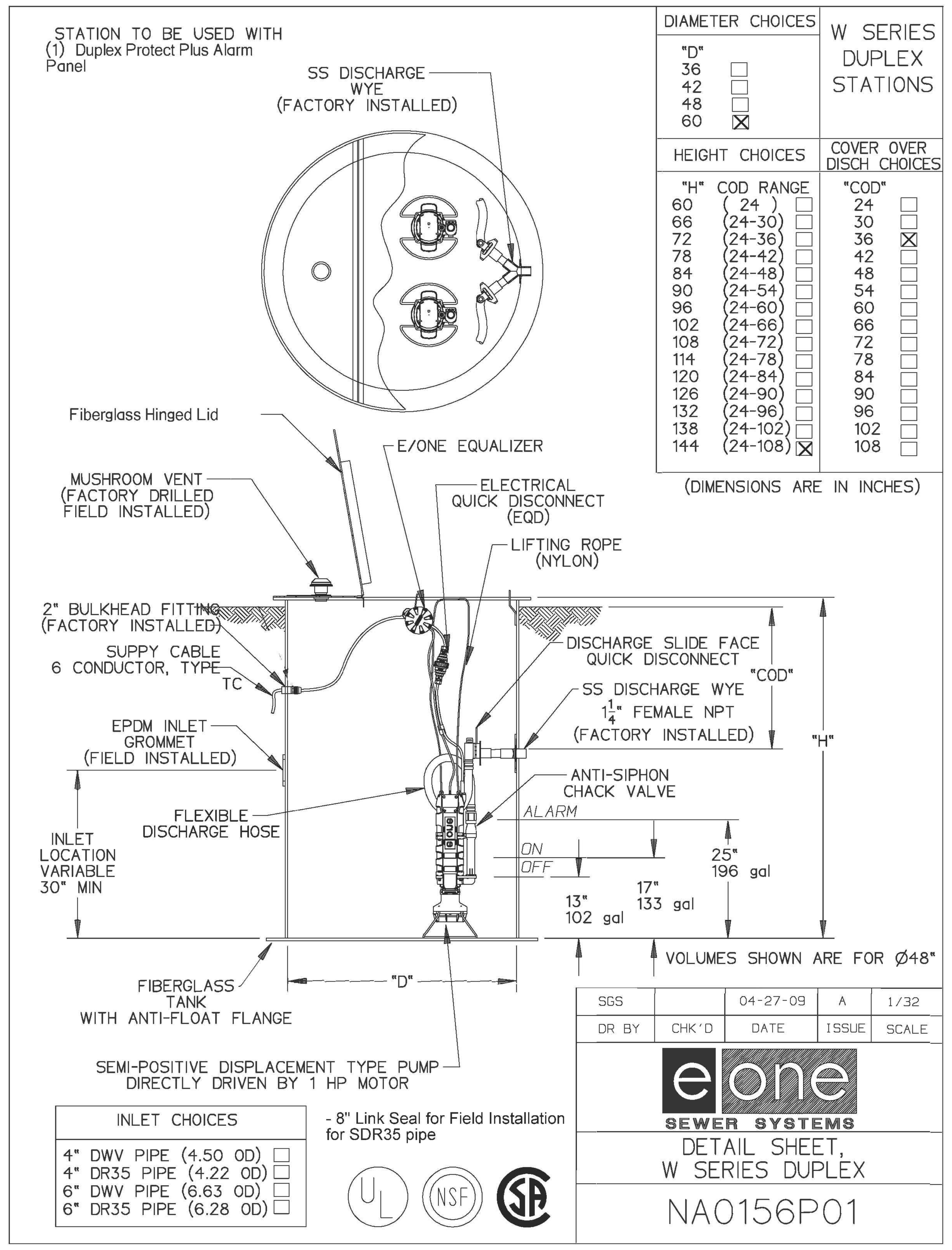
SHEET TITLE

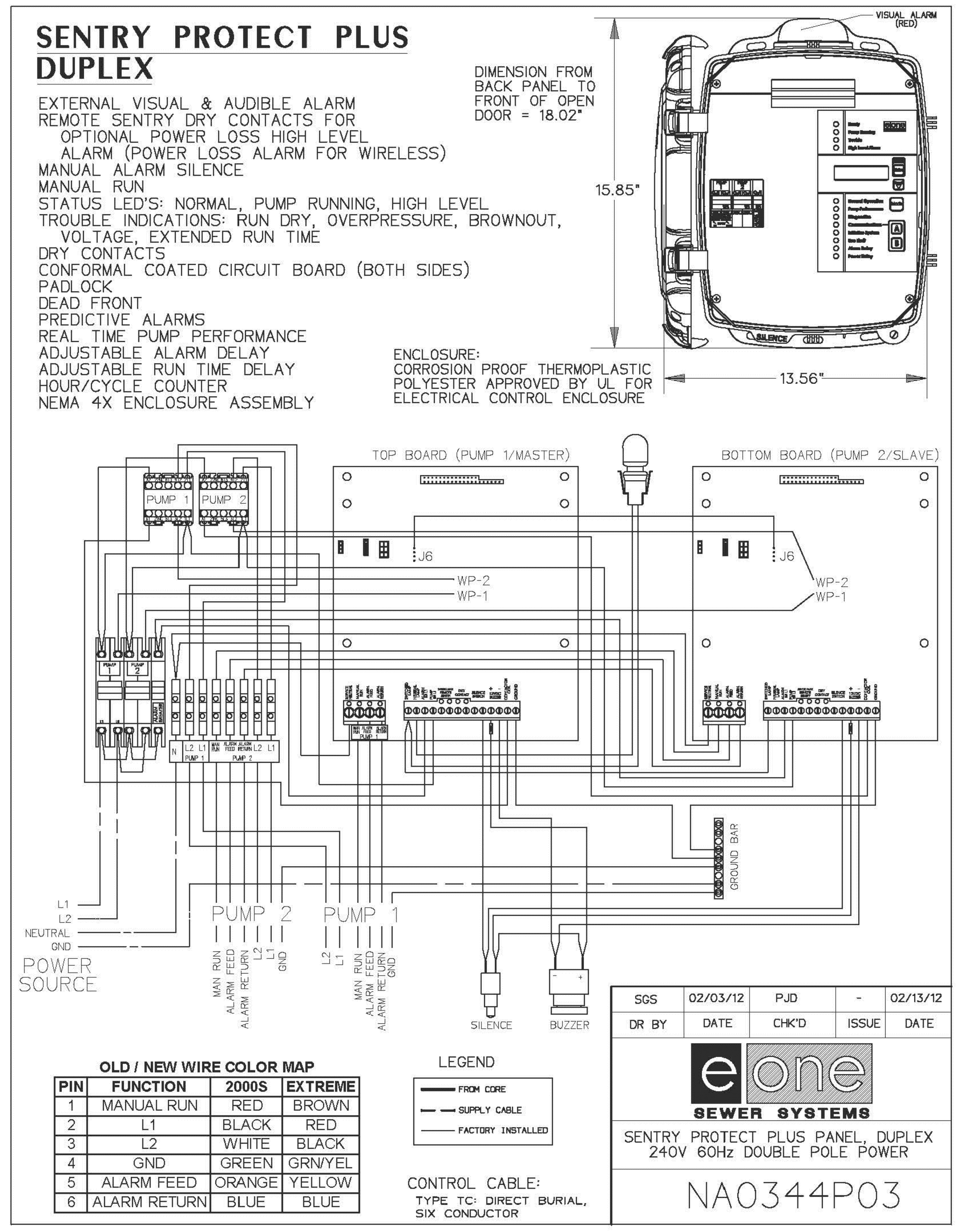
UTILITY PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY NW	SCALE 1" = 20'
CHECKED BY OM	

SHEET NO.

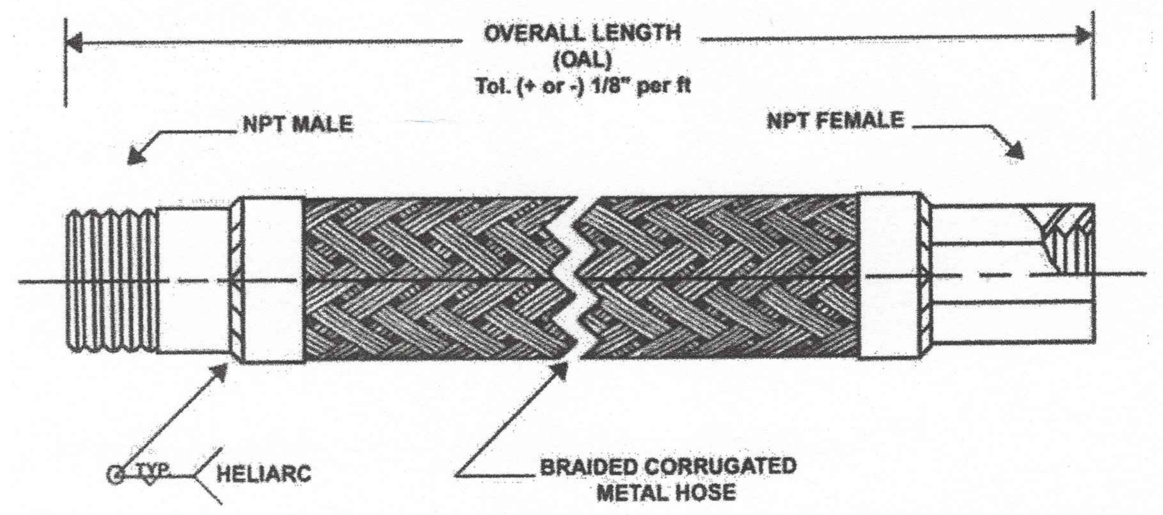
C5.02


STATION TO BE USED WITH (1) Duplex Protect Plus Alarm Panel
SS DISCHARGE WYE (FACTORY INSTALLED)
DIAMETER CHOICES
"D"
36
42
48
60
W SERIES DUPLEX STATIONS
HEIGHT CHOICES
COVER OVER DISCH CHOICES
"H" COD RANGE
60 (24)
66 (24-30)
72 (24-36)
78 (24-42)
84 (24-48)
90 (24-54)
96 (24-60)
102 (24-66)
108 (24-72)
114 (24-78)
120 (24-84)
126 (24-90)
132 (24-96)
138 (24-102)
144 (24-108)
"COD"
24 30 36 42 48 54 60 66 72 78 84 90 96 102 108
(DIMENSIONS ARE IN INCHES)
Fiberglass Hinged Lid
E/ONE EQUALIZER
MUSHROOM VENT (FACTORY DRILLED FIELD INSTALLED)
ELECTRICAL QUICK DISCONNECT (EQD)
LIFTING ROPE (NYLON)
2" BULKHEAD FITTING (FACTORY INSTALLED)
SUPPY CABLE 6 CONDUCTOR, TYPE TC
DISCHARGE SLIDE FACE QUICK DISCONNECT
"COD"
SS DISCHARGE WYE 1¼" FEMALE NPT (FACTORY INSTALLED)
EPDM INLET GROMMET (FIELD INSTALLED)
"H"
ANTI-SIPHON CHACK VALVE
FLEXIBLE DISCHARGE HOSE
ALARM
ON
OFF
INLET LOCATION VARIABLE 30" MIN
25" 196 gal
17" 133 gal
13" 102 gal
VOLUMES SHOWN ARE FOR Ø48"
FIBERGLASS TANK WITH ANTI-FLOAT FLANGE
"D"
SEMI-POSITIVE DISPLACEMENT TYPE PUMP DIRECTLY DRIVEN BY 1 HP MOTOR
INLET CHOICES
4" DWV PIPE (4.50 OD)
4" DR35 PIPE (4.22 OD)
6" DWV PIPE (6.63 OD)
6" DR35 PIPE (6.28 OD)
- 8" Link Seal for Field Installation for SDR35 pipe
SGS 04-27-09 A 1/32
DR BY CHK'D DATE ISSUE SCALE
eone SEWER SYSTEMS
DETAIL SHEET, W SERIES DUPLEX
NA0156P01


SENTRY PROTECT PLUS DUPLEX
EXTERNAL VISUAL & AUDIBLE ALARM
REMOTE SENTRY DRY CONTACTS FOR
OPTIONAL POWER LOSS HIGH LEVEL
ALARM (POWER LOSS ALARM FOR WIRELESS)
MANUAL ALARM SILENCE
MANUAL RUN
STATUS LED'S: NORMAL, PUMP RUNNING, HIGH LEVEL
TROUBLE INDICATIONS: RUN DRY, OVERPRESSURE, BROWNOUT,
VOLTAGE, EXTENDED RUN TIME
DRY CONTACTS
CONFORMAL COATED CIRCUIT BOARD (BOTH SIDES)
PADLOCK
DEAD FRONT
PREDICTIVE ALARMS
REAL TIME PUMP PERFORMANCE
ADJUSTABLE ALARM DELAY
ADJUSTABLE RUN TIME DELAY
HOUR/CYCLE COUNTER
NEMA 4X ENCLOSURE ASSEMBLY
DIMENSION FROM BACK PANEL TO FRONT OF OPEN DOOR = 18.02"
15.85"
13.56"
ENCLOSURE: CORROSION PROOF THERMOPLASTIC POLYESTER APPROVED BY UL FOR ELECTRICAL CONTROL ENCLOSURE
TOP BOARD (PUMP 1/MASTER)
BOTTOM BOARD (PUMP 2/SLAVE)
L1
L2
NEUTRAL
GND
POWER SOURCE
PUMP 2
MAN RUN ALARM FEED ALARM RETURN L2 L1 GND
PUMP 1
L2 L1 MAN RUN ALARM FEED ALARM RETURN GND
SILENCE
BUZZER
LEGEND
FROM CORE
SUPPLY CABLE
FACTORY INSTALLED
CONTROL CABLE:
TYPE TC: DIRECT BURIAL, SIX CONDUCTOR
SGS 02/03/12 PJD - 02/13/12
DR BY DATE CHK'D ISSUE DATE
eone SEWER SYSTEMS
SENTRY PROTECT PLUS PANEL, DUPLEX 240V 60Hz DOUBLE POLE POWER
NA0344P03

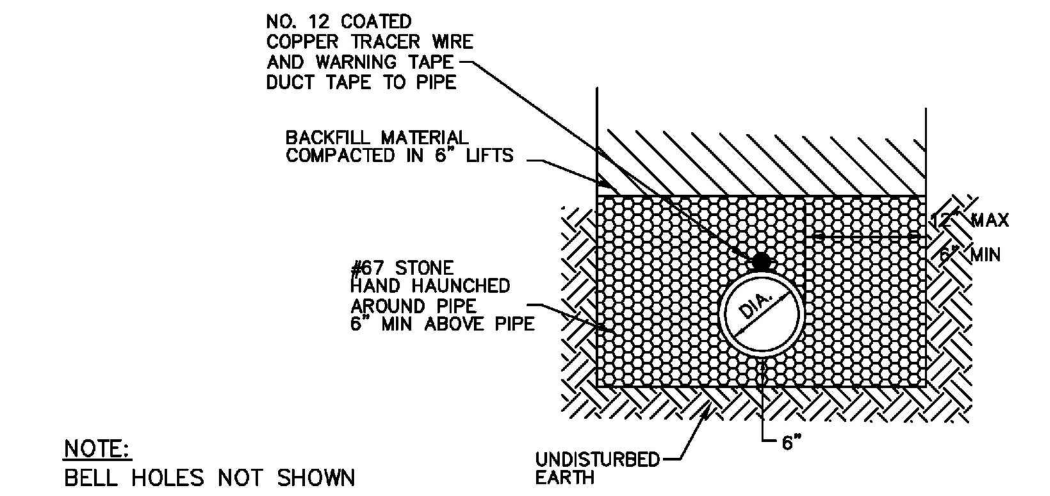
OLD / NEW WIRE COLOR MAP

PIN	FUNCTION	2000S	EXTREME
1	MANUAL RUN	RED	BROWN
2	L1	BLACK	RED
3	L2	WHITE	BLACK
4	GND	GREEN	GRN/YEL
5	ALARM FEED	ORANGE	YELLOW
6	ALARM RETURN	BLUE	BLUE



MATERIALS:							
	HOSE:	321SS					
	BRAID:	304SS					
	NPT MALE:	304SS					
	NPT FEMALE:	150# 304SS HALF COUPLING					
				PSIG		TEMP	*LATERAL
ITEM NO.	QTY	SIZE	OAL	OPER.	TEST	°F	OFFSET
1	1	1 1/4"	12"	563	845	70	

1 GRINDER PUMP
SCALE: NTS



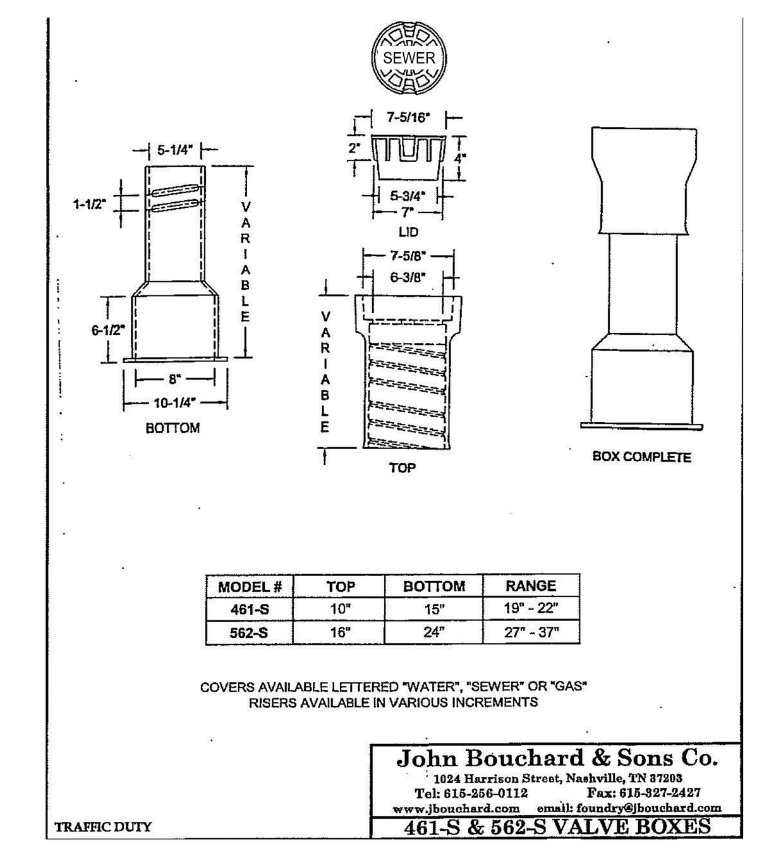
NOTE:
BELL HOLES NOT SHOWN

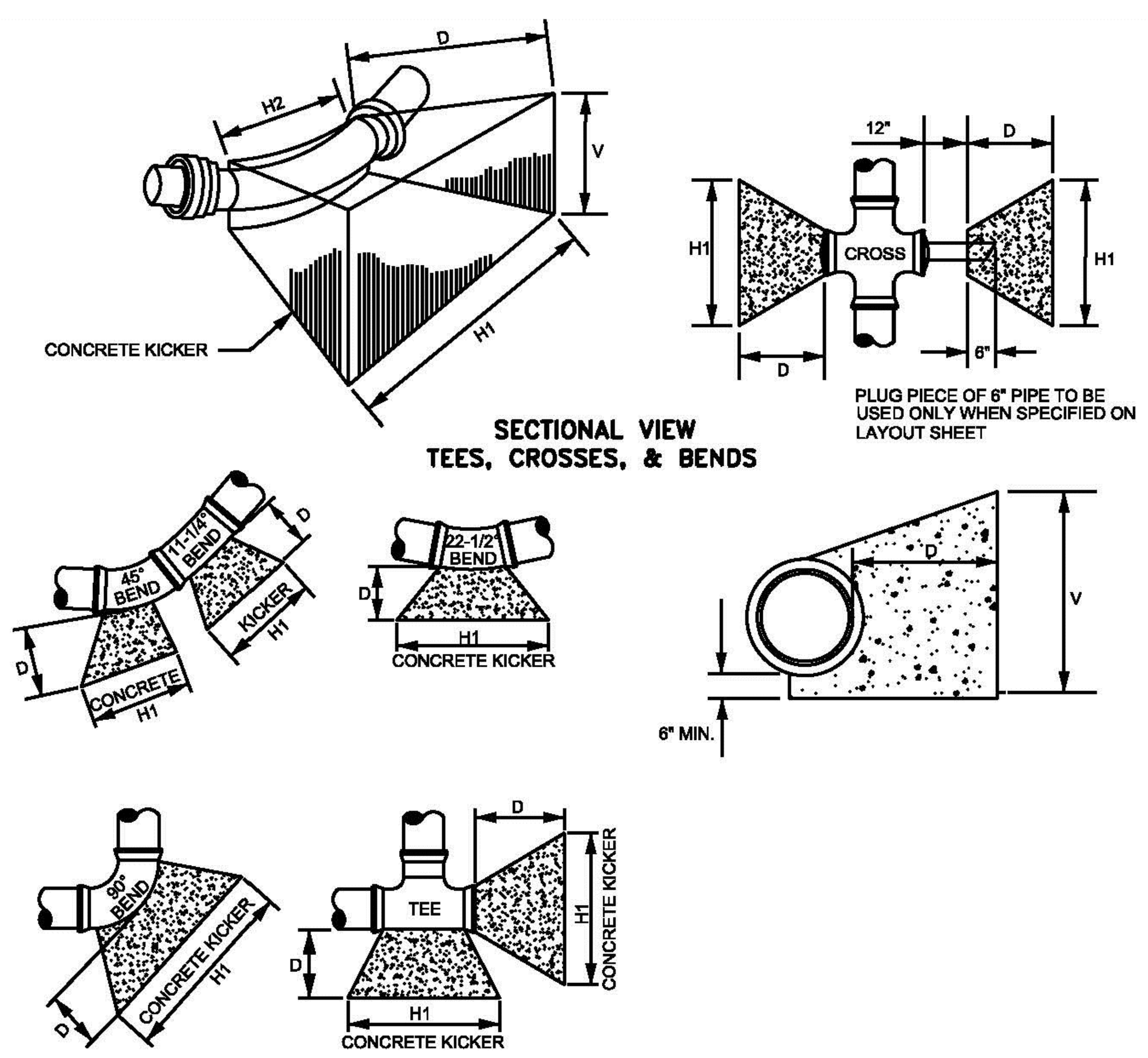
STANDARD EXCAVATION

NOTE: 1. CONSTRUCTION OF TRENCHES SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY AND HEALTH REGULATIONS WHICH HAVE JURISDICTION AT THE PROJECT SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE APPLICABLE REGULATIONS AND FOLLOW THEM ACCORDINGLY.

TYPICAL SEWER FORCE MAIN TRENCHING DETAILS
NOT TO SCALE

2 FORCE MAIN TRENCH
SCALE: NTS

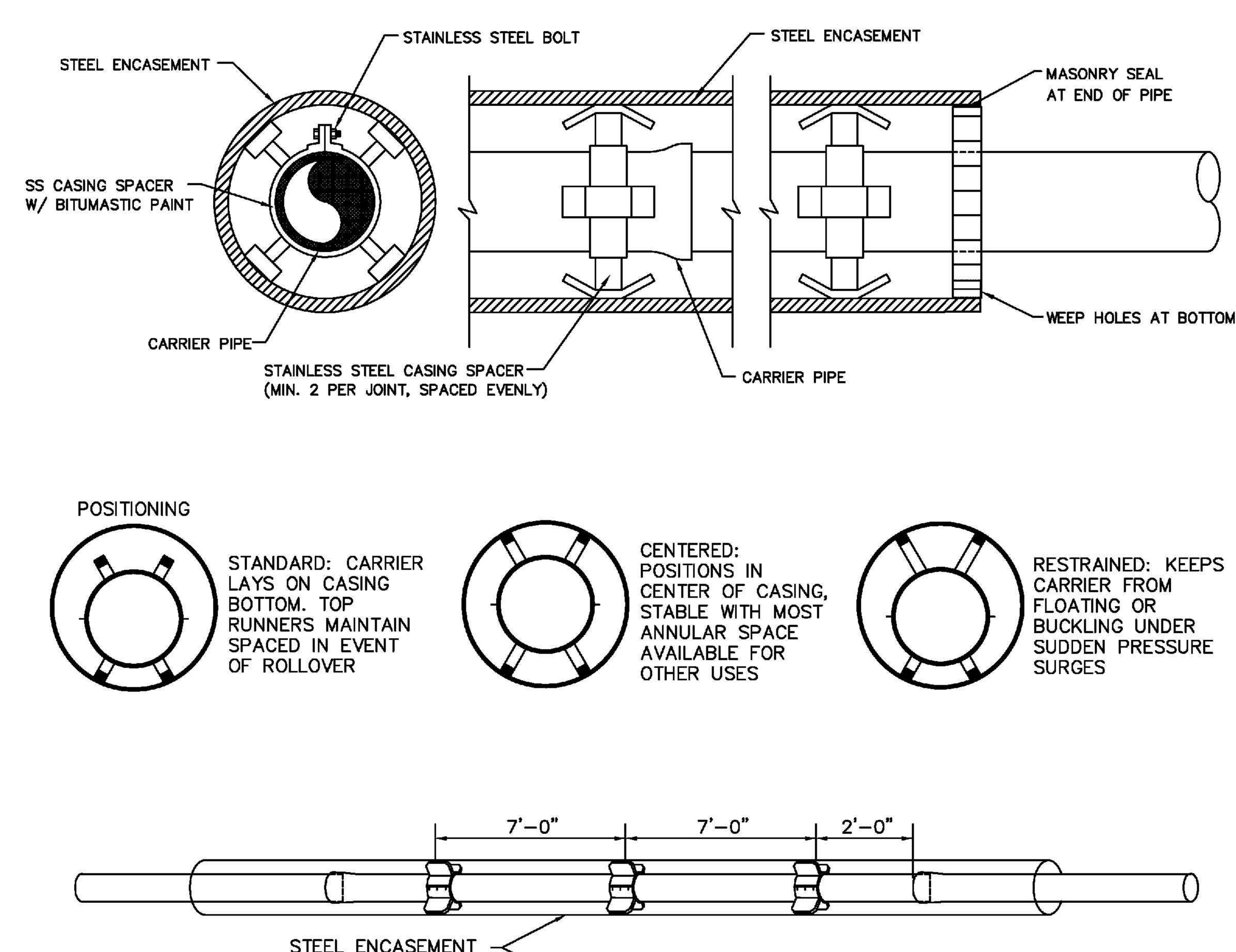




TAPPING SLEEVES TEES, CROSSES & PLUGS					90° BENDS					45° BENDS					22½° BENDS					11¼° BENDS					PIPE SIZE
H1	H2	V	D	C.F.	H1	H2	V	D	C.F.	H1	H2	V	D	C.F.	H1	H2	V	D	C.F.	H1	H2	V	D	C.F.	
24"	12"	12"	18"	2.25	24"	12"	12"	18"	2.25	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60	3" &4"
24"	16"	18"	18"	3.50	30"	16"	18"	18"	4.05	24"	10"	16"	18"	3.20	24"	10"	16"	18"	3.20	24"	10"	16"	18"	3.20	6"
36"	18"	18"	18"	5.05	39"	18"	24"	18"	7.30	30"	12"	18"	18"	3.95	24"	12"	18"	18"	3.95	24"	12"	16"	18"	3.40	8"
48"	24"	18"	24"	7.15	54"	32"	24"	18"	10.25	36"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60	10"
54"	30"	24"	24"	13.40	54"	32"	36"	24"	18.15	42"	18"	24"	24"	9.60	24"	18"	24"	24"	6.60	24"	18"	21"	24"	6.10	12"
66"	34"	36"	24"	22.50	69"	48"	48"	24"	29.00	48"	30"	36"	24"	17.00	36"	30"	27"	24"	11.80	27"	24"	27"	24"	9.10	16"

NOTES:
1. RESTRAINED JOINT PIPE AND FITTINGS IS THE STANDARD REQUIREMENT OF WSD.
2. THIS DETAIL IS ONLY APPLICABLE WHEN RESTRAINED JOINT PIPE AND FITTINGS CANNOT BE UTILIZED AND WHEN APPROVED BY WSD.
3. THRUST BLOCKS ARE REQUIRED AT ALL TAPPING TEES.
4. THRUST BLOCKS MAY BE REQUIRED IN OTHER LOCATIONS WHERE DIRECTED BY THE WATER AND SEWER DEPARTMENT.
5. CONCRETE FOR THRUST BLOCKS SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH.
6. THRUST BLOCKS SHALL NOT BE POURED IN WET OR FROZEN GROUND.
7. THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED MATERIAL.
8. PLASTIC SHEETING SHALL BE PROVIDED AT FITTINGS SO AS TO PREVENT COVERING ANCHOR BOLTS WITH CONCRETE.

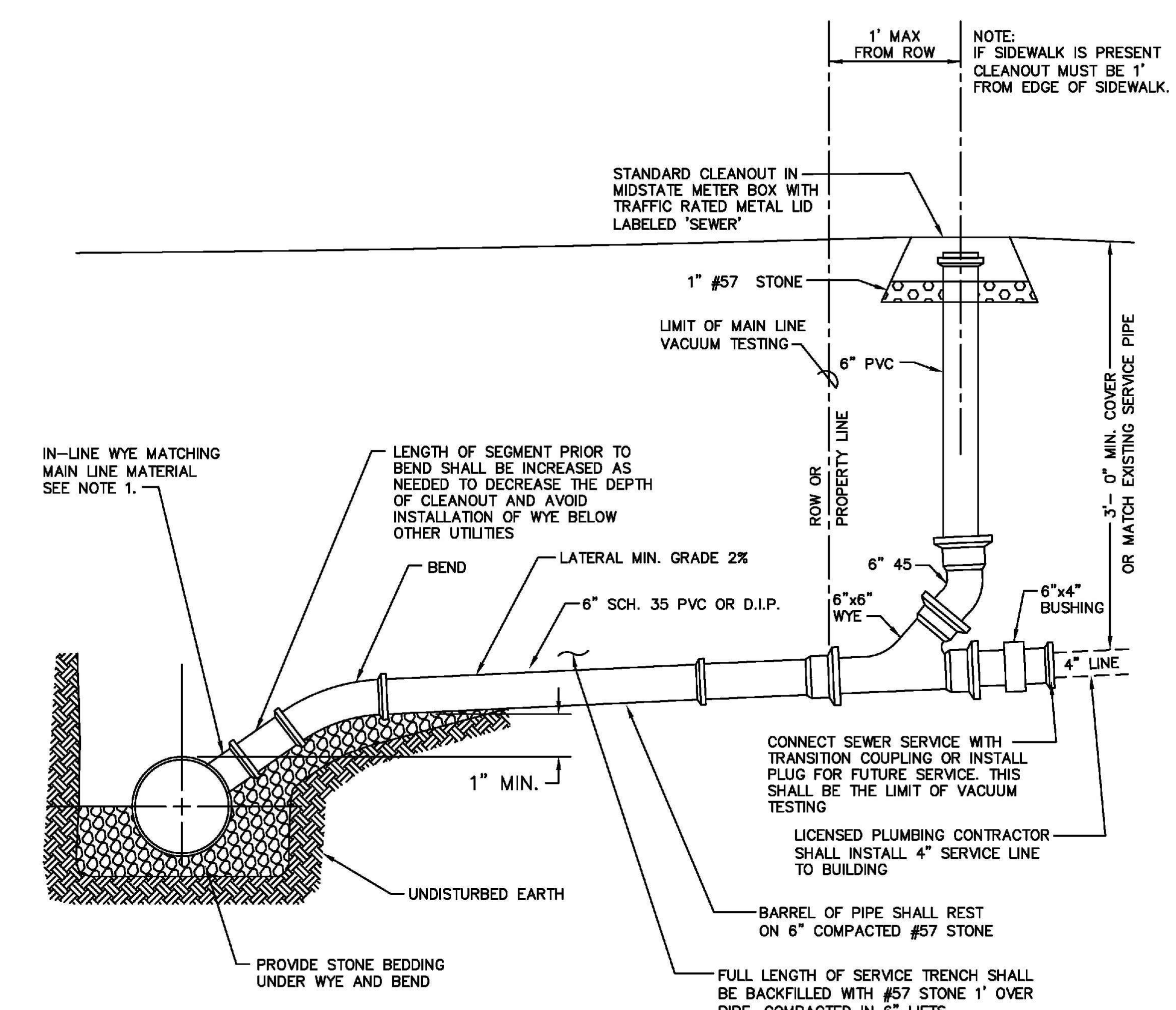
3 THRUST BLOCK
SCALE: NTS


STEEL ENCASEMENT
STAINLESS STEEL BOLT
STEEL ENCASEMENT
MASONRY SEAL AT END OF PIPE
SS CASING SPACER W/ BITUMASTIC PAINT
CARRIER PIPE
STAINLESS STEEL CASING SPACER (MIN. 2 PER JOINT, SPACED EVENLY)
CARRIER PIPE
WEEP HOLES AT BOTTOM
POSITIONING
STANDARD: CARRIER LAYS ON CASING BOTTOM. TOP RUNNERS MAINTAIN SPACED IN EVENT OF ROLLOVER
CENTERED: POSITIONS IN CENTER OF CASING, STABLE WITH MOST ANNULAR SPACE AVAILABLE FOR OTHER USES
RESTRAINED: KEEPS CARRIER FROM FLOATING OR BUCKLING UNDER SUDDEN PRESSURE SURGES
7'-0"
7'-0"
2'-0"
STEEL ENCASEMENT

NOTE: STANDARD POSITIONING TO BE USED UNLESS OTHERWISE NOTED
ALL BELLS INSIDE CASING SHALL BE INSTALLED WITH A LOCKING GASKET
CASING SPACERS FOR GRAVITY SEWERS SHALL MAINTAIN SEWER LINE GRADE

CARRIER PIPE IN STEEL ENCASEMENT DETAIL
NOT TO SCALE

4 STEEL ENCASEMENT
SCALE: NTS


1' MAX FROM ROW
NOTE: IF SIDEWALK IS PRESENT CLEANOUT MUST BE 1' FROM EDGE OF SIDEWALK.
STANDARD CLEANOUT IN MIDSTATE METER BOX WITH TRAFFIC RATED METAL LID LABELED "SEWER"
1" #57 STONE
LIMIT OF MAIN LINE VACUUM TESTING
6" PVC
ROW OR PROPERTY LINE
3'- 0" MIN. COVER OR MATCH EXISTING SERVICE PIPE
IN-LINE WYE MATCHING MAIN LINE MATERIAL SEE NOTE 1.
LENGTH OF SEGMENT PRIOR TO BEND SHALL BE INCREASED AS NEEDED TO DECREASE THE DEPTH OF CLEANOUT AND AVOID INSTALLATION OF WYE BELOW OTHER UTILITIES
BEND
LATERAL MIN. GRADE 2%
6" SCH. 35 PVC OR D.I.P.
6" 45
6"x6" WYE
6"x4" BUSHING
4" LINE
CONNECT SEWER SERVICE WITH TRANSITION COUPLING OR INSTALL PLUG FOR FUTURE SERVICE. THIS SHALL BE THE LIMIT OF VACUUM TESTING
1" MIN.
LICENSED PLUMBING CONTRACTOR SHALL INSTALL 4" SERVICE LINE TO BUILDING
UNDISTURBED EARTH
BARREL OF PIPE SHALL REST ON 6" COMPACTED #57 STONE
PROVIDE STONE BEDDING UNDER WYE AND BEND
FULL LENGTH OF SERVICE TRENCH SHALL BE BACKFILLED WITH #57 STONE 1" OVER PIPE, COMPACTED IN 6" LIFTS

SANITARY SEWER SINGLE WYE CONNECTION AND TYPICAL CLEANOUT
NOT TO SCALE

NOTE:
1. TAPPING SADDLES ARE APPROVED FOR CONNECTIONS TO EXISTING SEWER LINES ONLY
2. INTERMEDIATE CLEANOUTS SHALL BE INSTALLED EVERY 75 LINEAR FEET OF CUSTOMER'S SEWER SERVICE LATERAL AND AT CHANGES IN DIRECTION.

5 SSWR SERVICE & CLEANOUT
SCALE: NTS

LOSE DESIGN SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER NO. 025879 SCOTT E. SAMUEL
09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

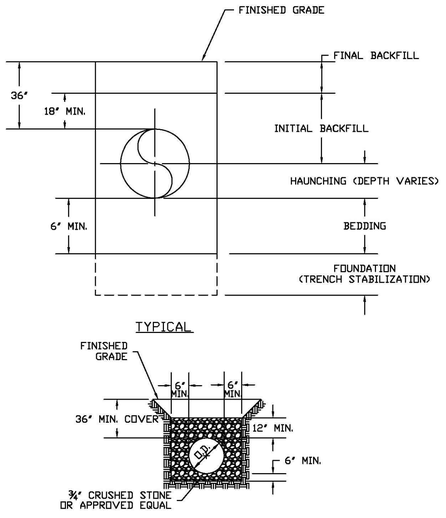
SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
SEWER DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
C5.05

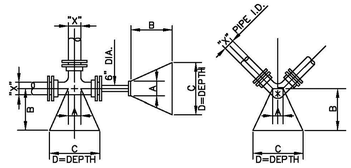


TYPICAL

ROCK / EARTH TRENCH

NOTES:
1. BEDDING, HAUNCHING AND INITIAL BACKFILL LAYERS SHALL BE ¾" CRUSHED STONE OR APPROVED EQUAL.
2. TRENCH SLOPE TO MEET CURRENT OSHA AND STATE GUIDELINES.

1 WATER LINE TRENCHING
SCALE: NTS



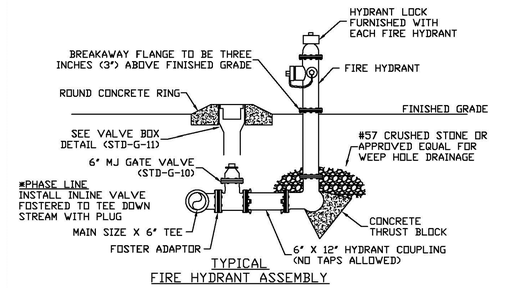
100 PSI TEST PRESSURE (SANITARY SEWER FORCE MAIN)
200 PSI TEST PRESSURE (WATER MAIN)
2000 PSF SOIL BEARING

BLOCKING DIMENSIONS						
		X✱	A	B	C	D
DEAD END & TEES		12"	1'-0"	2'-6"	4'-0"	2'-6"
		8"	0'-10"	2'-3"	3'-3"	2'-0"
		6"	0'-8"	1'-6"	2'-6"	1'-6"
BENDS	90°	12"	1'-0"	3'-6"	5'-0"	2'-9"
		8"	0'-10"	2'-9"	4'-0"	2'-3"
		6"	0'-8"	2'-0"	3'-0"	1'-9"
	45°	12"	1'-0"	1'-9"	3'-0"	2'-6"
		8"	0'-10"	1'-6"	2'-6"	2'-0"
		6"	0'-8"	1'-3"	2'-0"	1'-6"
	22½°	12"	1'-0"	1'-4"	2'-6"	1'-6"
		8"	0'-10"	1'-0"	2'-0"	1'-3"
		6"	0'-8"	0'-9"	1'-6"	1'-0"
	11¼°	12"	1'-0"	0'-6"	1'-6"	1'-3"
		8"	0'-10"	0'-6"	1'-4"	1'-0"
		6"	0'-8"	0'-6"	1'-0"	0'-9"

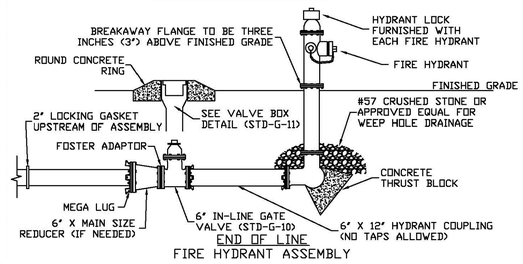
X✱ = DIAMETER OF PIPE TO BE BLOCKED

NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI.

2 THRUST BLOCKING
SCALE: NTS

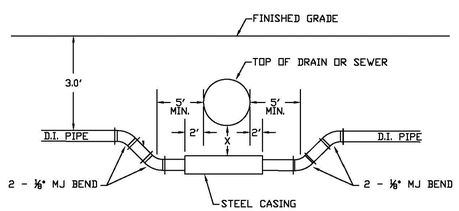


TYPICAL
FIRE HYDRANT ASSEMBLY



END OF LINE
FIRE HYDRANT ASSEMBLY

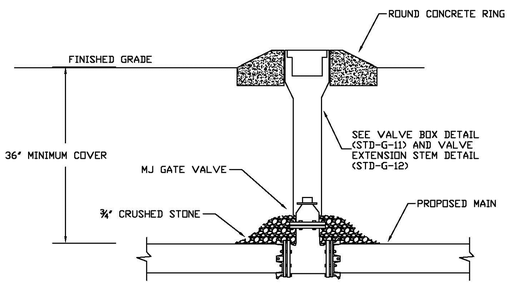
3 FIRE HYDRANT
SCALE: NTS



SIDE VIEW
(THIS DETAIL IS VERTICAL ONLY, NOT HORIZONTAL)

WATER CROSSING	
PIPE SIZE	MIN. CASING SIZE
6"	12"
8"	16"
12"	20"
16"	24"
24"	36"
30"	42"

4 UTILITY CROSSING
SCALE: NTS



NOTES:
1. VALVE STEM AND BOX EXTENSION TO COMPLY WITH CURRENT W.H.U.D. CONSTRUCTION SPECIFICATIONS.
2. IF MAIN IS DUCTILE IRON PIPE, INSTALL MECHANICAL JOINT RESTRAINTS AS PER MANUFACTURER'S SPECIFICATIONS.

5 GATE VALVE
SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 036879
SCOTT E. SAMMET

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

WATER DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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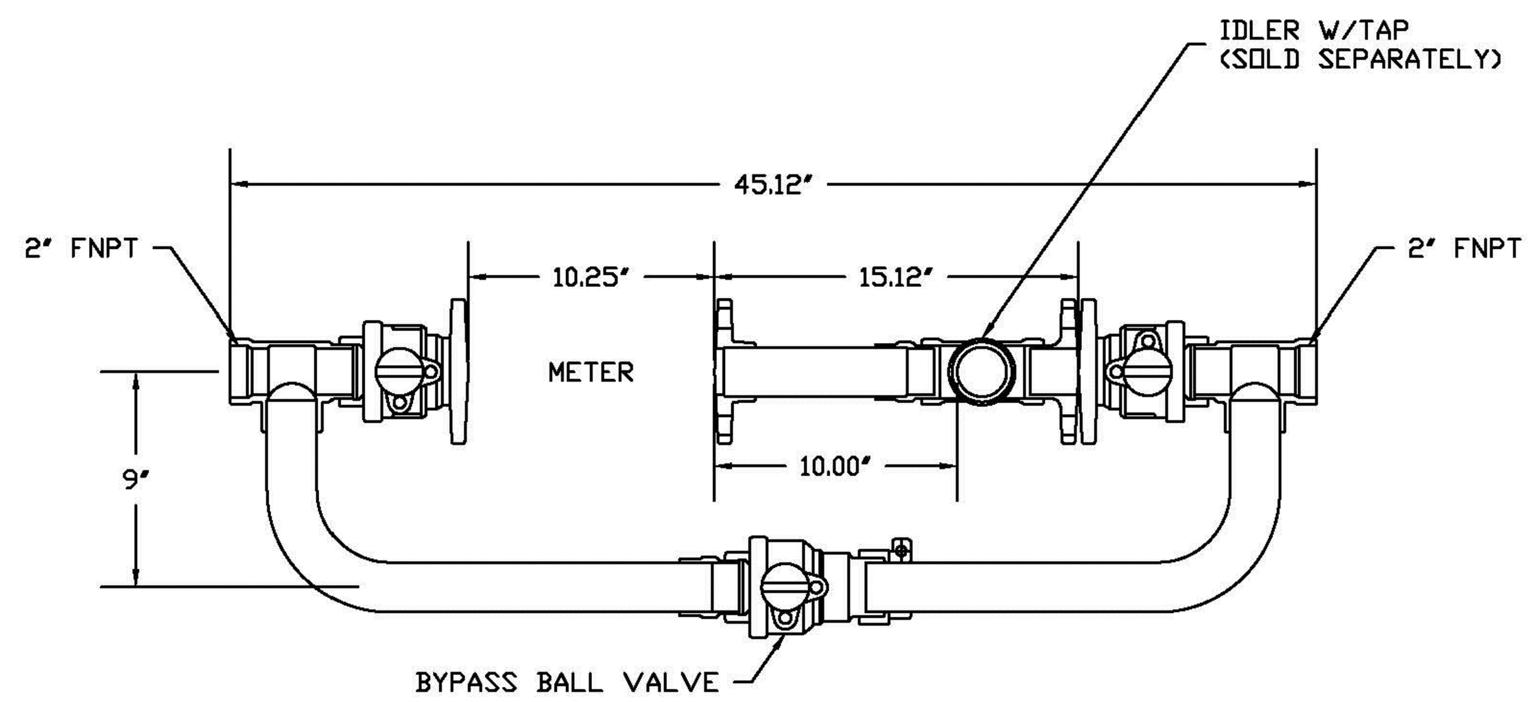
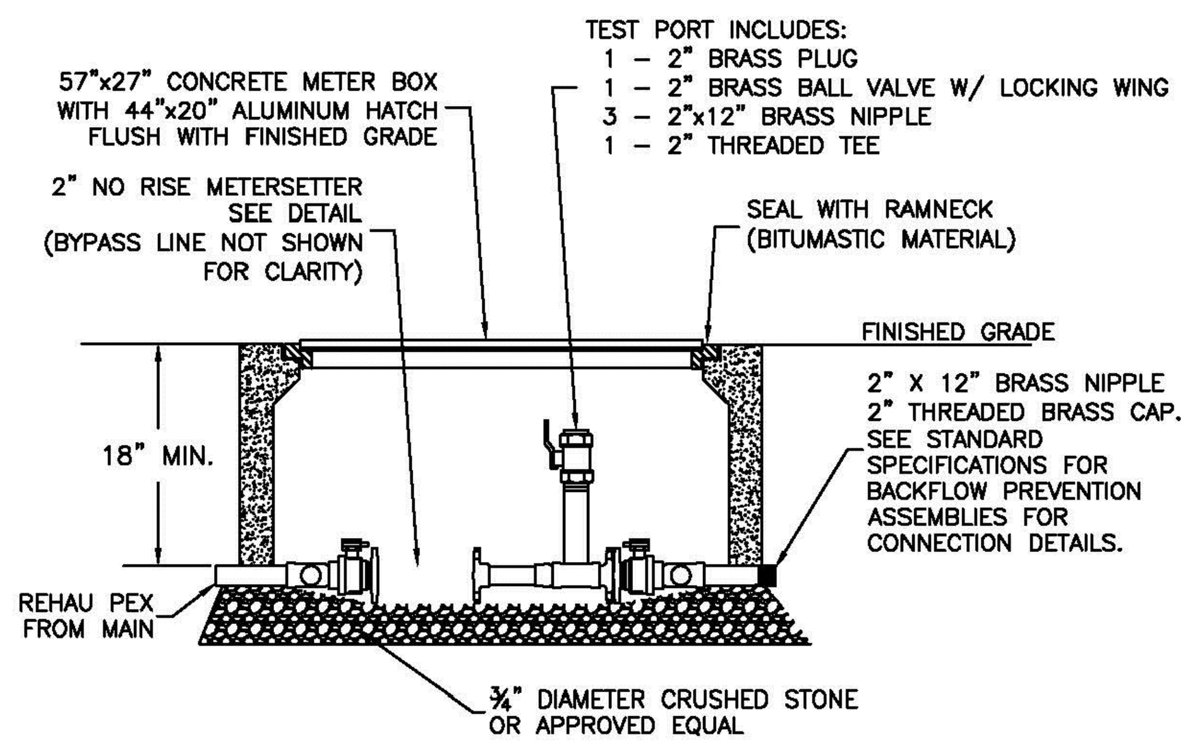
CHECKED BY OM	

SHEET NO.

C5.15





1 2 INCH METER

SCALE: NTS

ES-719

Job Name		Contractor	
Job Location		Approval	
Engineer		Contractor's P.O. No.	
Approval		Representative	

Series 719

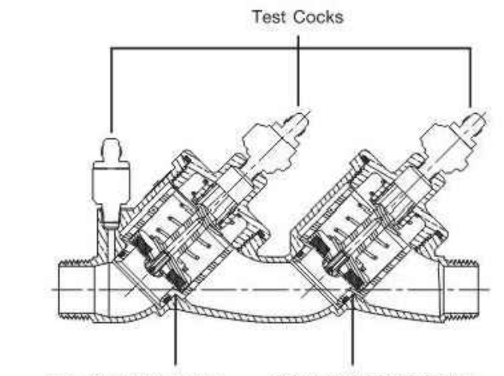
Double Check Valve Assemblies

Sizes: ½" – 2" (15 – 50mm)

Series 719 Double Check Valve Assemblies are designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements.

This series may be used in only those cross-connections identified by local inspection authorities as non-health hazard applications. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements. Series 719 meets the requirements of ASSE Std. 1015 and AWWA Std. C510.

719QT



Features

- Manufactured from bronze alloy
- Separate access, top entry check valve design
- Reversible seat disc rubber, extends check valve life
- Chloramine resistant elastomers
- Replaceable seats and seat discs
- Compact design
- Top mounted screwdriver slotted ball valve test cocks
- Low pressure drop
- ½" – 1" (15 – 25mm) have Tee handles
- No special tools required for servicing
- Plastic on plastic check guiding reduces potential binding due to mineral deposits

Specifications

Series 719 Double Check Valve Assembly shall be installed at each noted location. Provide assembly with integral shutoff valves that conform to ASSE 1015 and AWWA C510. The assembly shall have top entry bronze covered access points for each check assembly, screw driver slotted test cocks and require the use of no special tools for servicing. All wetted rubber parts shall be manufactured from silicone or chloramine resistant EPDM rubber. All valve seats and seat discs shall be replaceable. Seat discs shall be reversible to extend check valve life. Check valve guiding shall be plastic to plastic. The assembly shall be a Watts Series 719.

Now Available
WattsBox Insulated Enclosures.
For more information, refer to literature ES-WB.

NOTICE
Inquire with governing authorities for local installation requirements

NOTICE
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

***The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**

Available Models

Suffix:
- S – bronze strainer
- LF – without shutoff valves
- SH – stainless steel ball valve handles
- HC – 2½" (65mm) inlet/outlet fire hydrant fittings for 2" (50mm) valve
- QT – quarter-turn ball valves
- C&T – testcock caps and tethers
- AQT – street elbows with quarter-turn ball valves

Prefix:
- U – union connections

Pressure-Temperature

Operating Pressure: 175psi (12.1 bar)
Operating Temperature Range: 33°F – 180°F (0.5°C – 82°C)

Materials

Body:	Bronze
Elastomers:	Chloramine resistant silicone and EPDM
Check Seats:	Engineered Plastic
Disc Holders:	Engineered Plastic

Standards

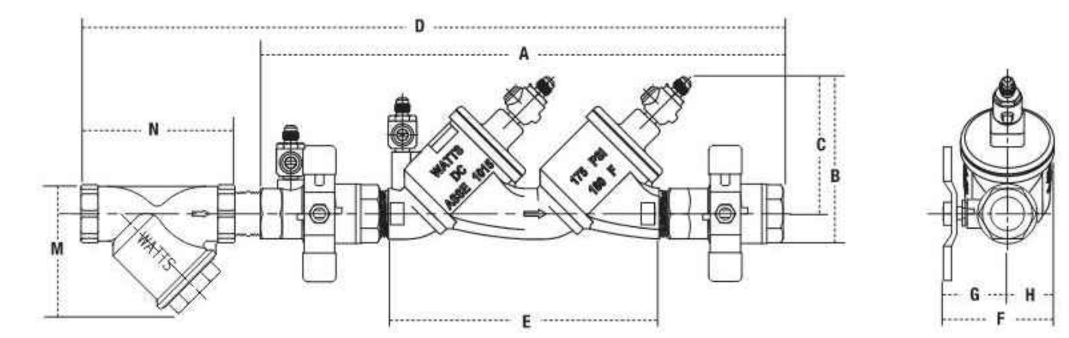
AWWA Std C510 compliant

Approvals

1015 ¾"-2" LF

Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California

Dimensions/Weights



719QT, 719QT-S

SIZE (DN)		DIMENSIONS										STRAINER DIMENSIONS								WEIGHT			
		A		B		C		D		E(LF)		F		G		H		M		N		719QT		719QT-S	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
½	15	9 9/16	242	3 11/16	94	2 15/16	73	12 9/16	318	5 13/16	147	2 7/16	62	1 11/16	43	¾	19	1 3/8	35	2 ¾	70	2.8	1.3	3.8	1.7
¾	20	12 1/8	307	4 ¼	108	3 ½	88	15 7/16	393	7 11/16	195	3 1/8	79	2 1/16	52	1 1/16	27	1 5/8	41	3 3/16	81	4.7	2.1	6.4	2.9
1	25	14 13/16	376	4 9/16	116	3 7/8	98	19 ½	495	9 5/8	244	3 ¾	95	2 7/16	62	1 5/16	33	2 1/8	54	3 ¾	95	7.4	3.4	9.4	4.3
1 ¼	32	18 15/16	480	6 1/8	156	5 1/8	129	24 1/16	610	11 11/16	297	4 ¼	108	2 5/8	67	1 5/8	41	2 ½	64	4 7/16	113	14.0	6.3	18.0	8.1
1 ½	40	18 15/16	480	6 1/8	156	5 1/8	129	25 ¼	640	11 11/16	297	4 ¾	121	3 1/8	79	1 5/8	41	3	76	4 7/8	124	16.1	7.3	19.9	9.0
2	50	21 3/16	538	7 1/16	179	5 5/8	142	28 15/16	735	13 3/8	340	5 3/8	137	3 7/16	87	1 15/16	49	3 9/16	90	5 15/16	151	25.7	11.6	33.4	15.2

2 2 INCH DCVA

SCALE: NTS

Series 709DCDA

Double Check Detector Assemblies

3" – 10"

Series 709DCDA Double Check Detector Assemblies are designed exclusively for use in accordance with water authority containment requirements. The series is mandatory to prevent the reverse flow of fire protection system substances, such as glycerin wetting agents, stagnant water, and water of non-potable quality from being pumped or siphoned into the potable water line. The valve body is fused with ArmorTek™ coating technology to resist corrosion due to microbial induced corrosion (MIC) or exposed metal substrate. All sizes are standardly equipped with resilient seated OSY shutoff valves, ⅝" x ¾" meter, and ball type test cocks.

709DCDAOSY

Benefits

- Detects leaks, with emphasis on the cost of unaccountable water
- Incorporates a meter allowing the water utility to (1) detect leaks underground that historically create great annual cost due to waste and (2) provide a detection point for unauthorized use, helping locate illegal taps
- Modular check design concept facilitates maintenance and assembly access.

Features

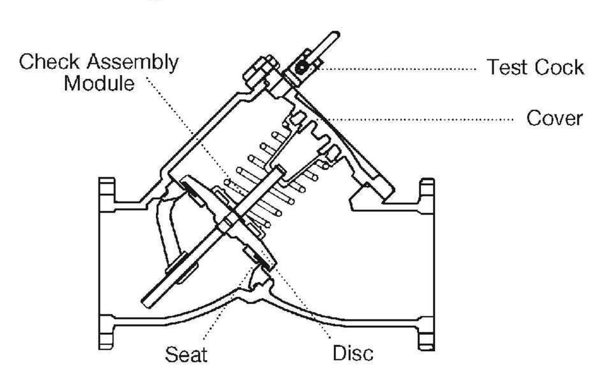
- Body construction fused epoxy coated cast iron
- Replaceable bronze seats
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Advanced ArmorTek™ coating technology to resist corrosion of internals
- Furnished with ⅝" x ¾" bronze meter
- No special tools required for servicing

Specification

A Double Check Detector Assembly shall be installed on fire protection systems when connected to a potable water supply. Degree of hazard present is determined by the local authority having jurisdiction. The unit shall be a complete assembly including UL Listed resilient seated OSY shutoff valves and test cocks. The unit shall be UL Classified and FM Approved with UL Classified and FM Approved OSY shutoff valves. The auxiliary line shall consist of an approved backflow preventer and water meter. The assembly shall meet the basic requirements of ASSE 1048; AWWA Std. C510 for Double Check Valves. The valve body shall utilize a coating system with built-in electrochemical corrosion inhibitor and microbial inhibitor. Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Assembly shall be a Watts Series 709DCDA.

Check Assembly Module

The check assembly features a modular design concept that facilitates complete maintenance and assembly by retaining the spring load. The first and second check valve spring modules are not interchangeable.



Now Available
WattsBox Insulated Enclosures
For more information, download ES-WB.

NOTICE
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Inquire with governing authorities for local installation requirements.

Materials

Body:	Epoxy coated cast iron
Seat:	Bronze
Disc Holder:	Bronze
Trim:	Stainless steel
Check Valve Discs:	Rubber
Test Cocks:	Bronze
Coating:	ArmorTek™

Models

Suffix:
- **OSY** UL Classified and FM Approved outside stem and yoke resilient seated gate valves
- **CFM** Cubic feet per minute meter
- **GPM** Gallons per minute meter
- **LF** 4" – 10" without shutoff valves

Pressure – Temperature

Temperature Range: 33°F – 110°F (0.5°C – 43°C) continuous, 140°F (60°C) intermittent
Maximum Working Pressure: 175 psi (12.1 bar)

Standards

AWWA Standard C510

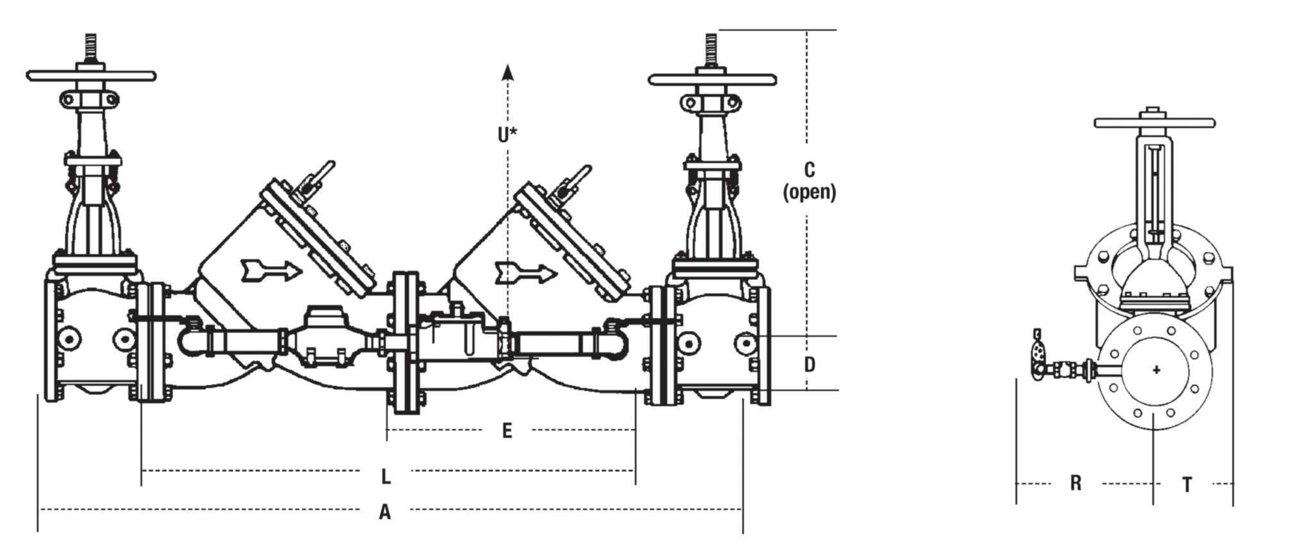
Approvals

B.64 1048

Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Sizes 4" – 10" approved for horizontal and vertical "flow up." Size 3" approved for horizontal only.

FM Approved 4" – 10" vertical "flow up."

Dimensions – Weights



SIZE	DIMENSIONS															WEIGHT	
	A		C		D		E		L		R		T		U*		W/OSY† gates	
In.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
3	40	1016	18⅞	479	3½	89	12	305	24	610	14	356	3	76	14	356	190	86
4	52	1321	22¾	578	3¾	95	17	432	34	864	15	381	6	152	14	356	403	183
6	62½	1588	30⅛	765	4½	114	21	533	41½	1054	16	406	7½	191	16	406	727	330
8	75	1905	37¾	959	5½	140	26	660	52	1321	17	432	9	229	21	533	1327	602
10	90	2286	45¾	1162	6½	165	32	813	64	1626	18	457	10¼	260	25	635	2093	949

* Service clearance for check assembly from center.
†UL Classified and FM Approved backflow preventers must include UL Classified and FM Approved OSY.

NOTES:
1. INSTALL PER MANUFACTURER'S SPECIFICATIONS
2. INSTALL IN GROUND IN LINE
3. CONTRACTOR MAY SUBSTITUTE FOR AN APPROVED EQUAL

3 6 INCH DCDA

SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED NO. 028879 PROFESSIONAL ENGINEER SCOTT E. SAMUEL

09 / 06 / 2024

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

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SHEET TITLE

WATER DETAILS

PROJECT NO. 21091	DATE 9 / 6 / 2024
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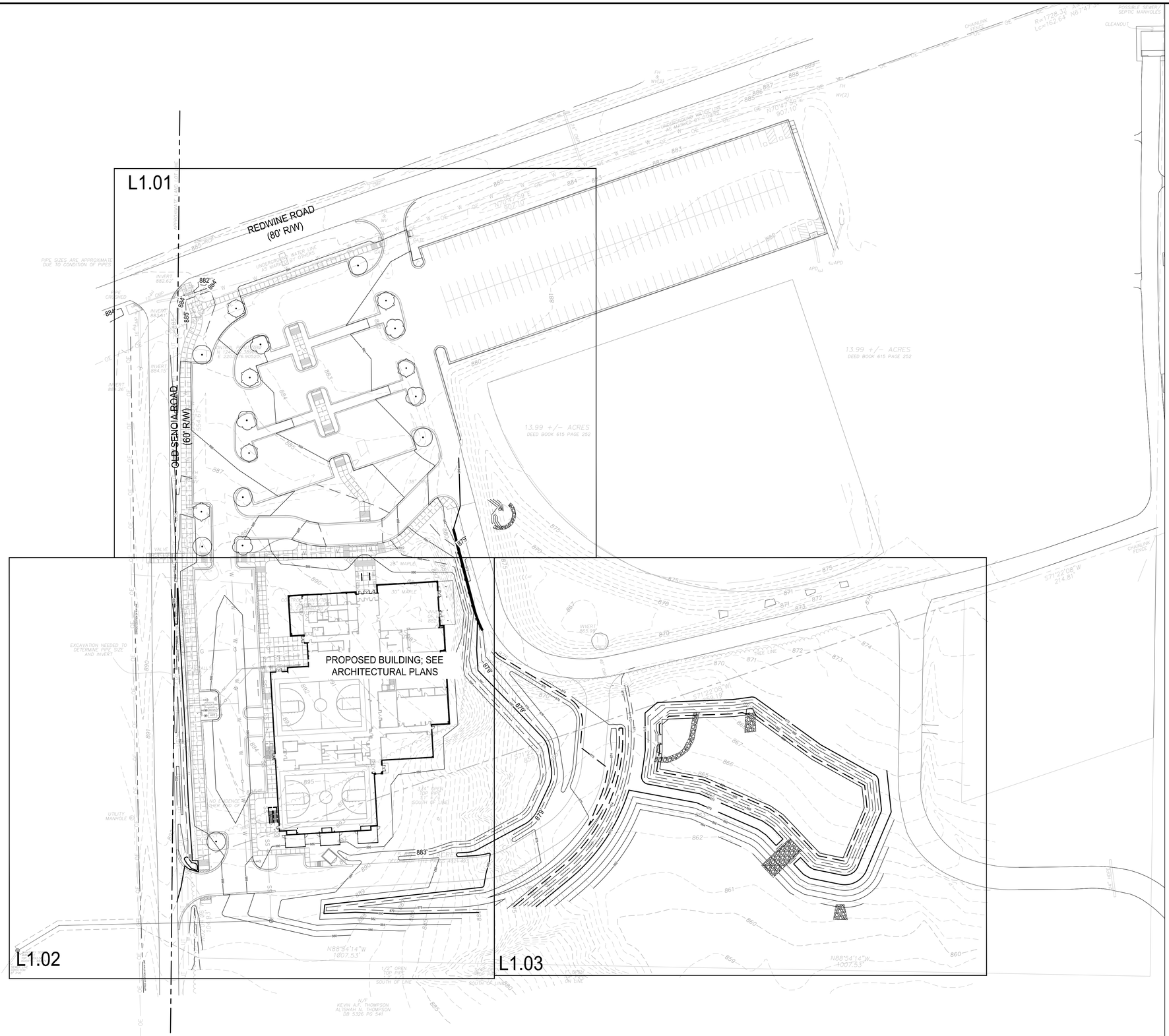
C5.16



NOTES

- ALTERNATE BID FOR SECOND GYM IS SHOWN. IN BASE BID, SEED AREA FOR ALTERNATE GYM LOCATION. SEEDING TO MATCH REQUIREMENT IN LANDSCAPE SCHEDULE.

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/9/2024 No. LA001294 LANDSCAPE ARCHITECT
WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

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NO.	DATE	DESCRIPTION

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LANDSCAPE SERIES

PROJECT NO. 21091	DATE 9 / 6 / 2024
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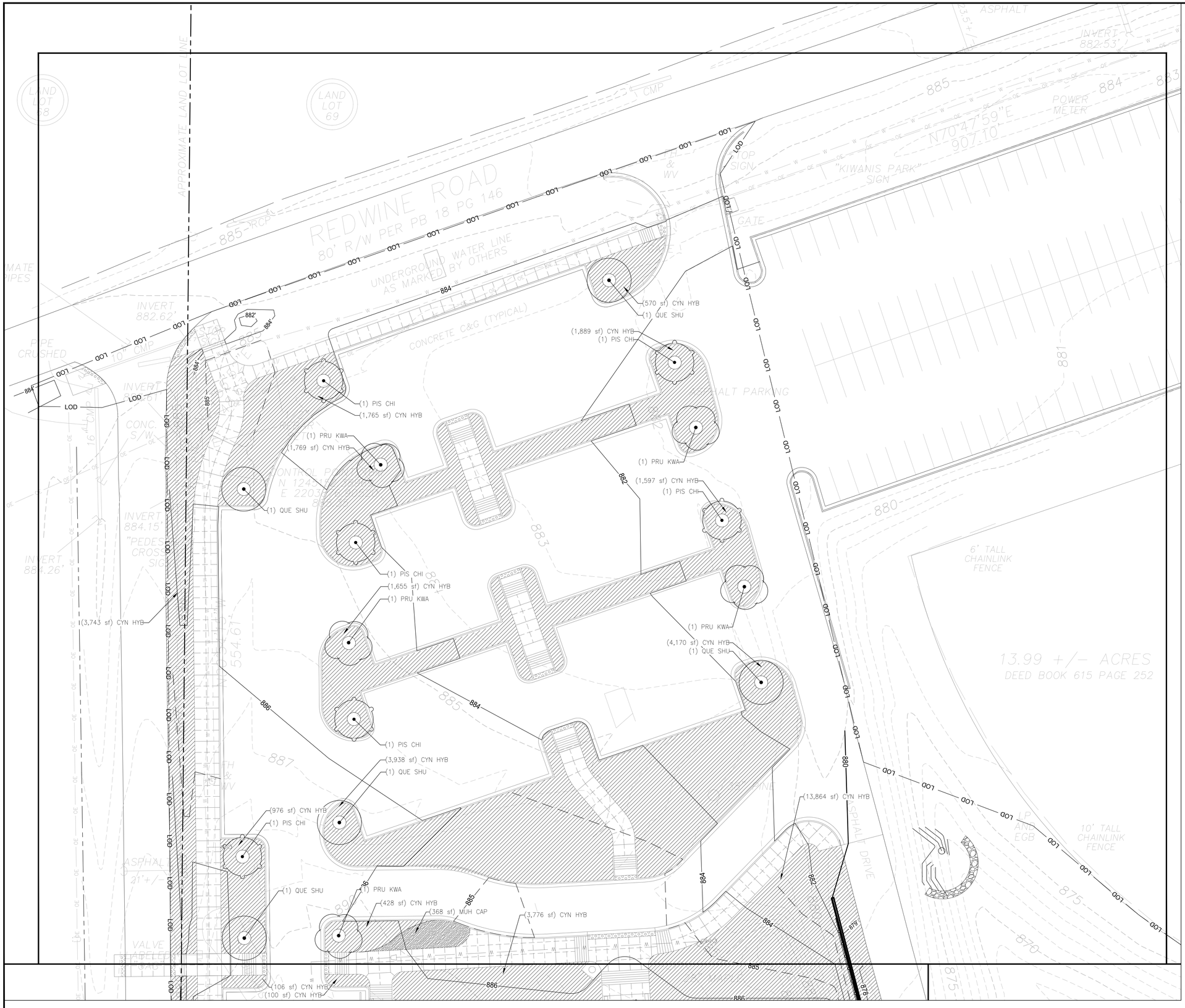
SHEET NO. L1.00	

NOTES

- ALTERNATE BID FOR SECOND GYM IS SHOWN. IN BASE BID, SEED AREA FOR ALTERNATE GYM LOCATION. SEEDING TO MATCH REQUIREMENT IN LANDSCAPE SCHEDULE.

- CONTRACTOR TO FURNISH AND APPLY APPROVED PLANT TOPSOIL AT LOCATIONS WHERE GRASSING, PLANTS, TREES, ETC. ARE TO BE INSTALLED



0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 8/15/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

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SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION

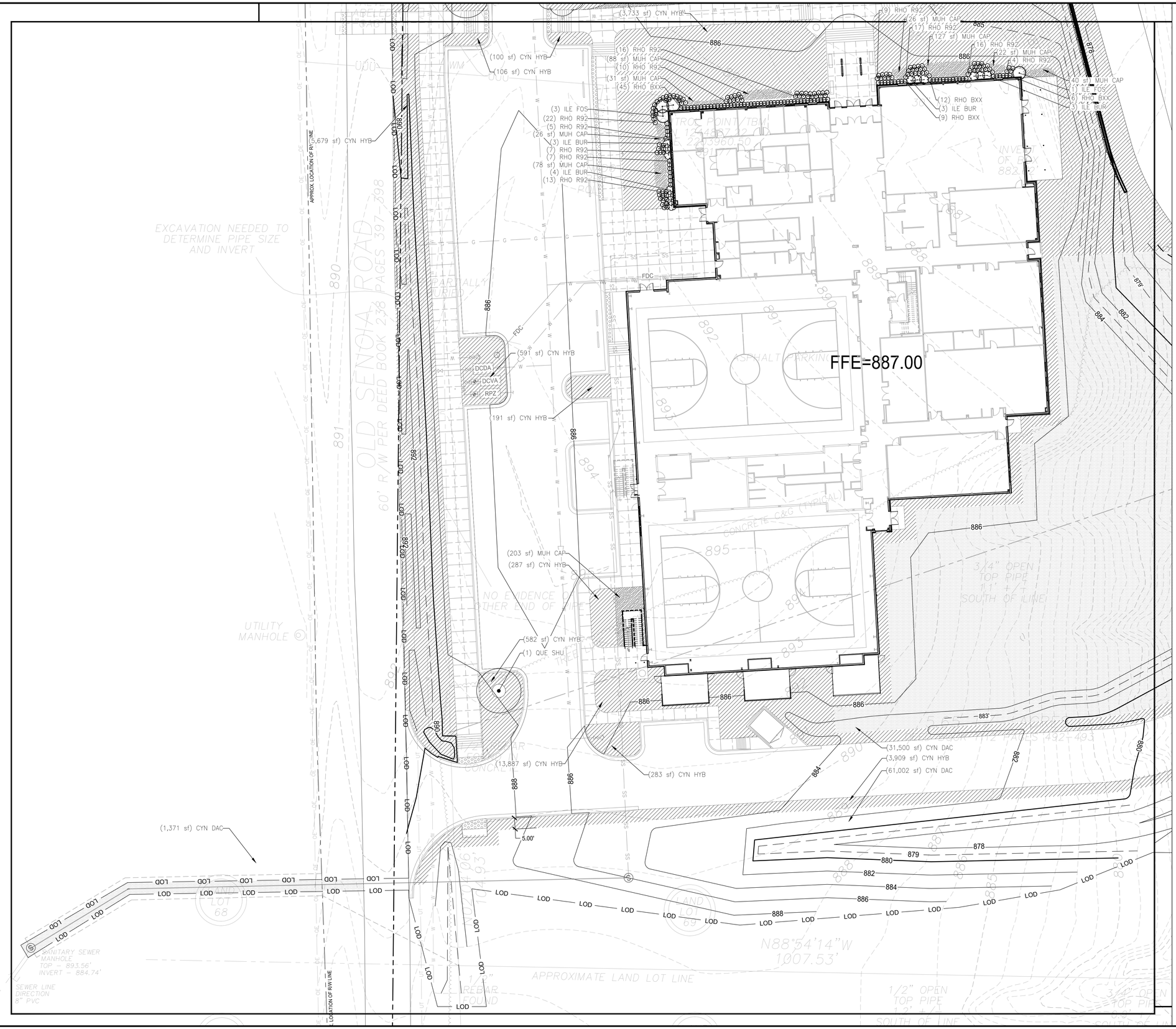
SHEET TITLE

LANDSCAPE SERIES

PROJECT NO.	DATE
21091	9 / 6 / 2024
DRAWN BY: SB	SCALE: NTS
CHECKED BY: OM	

SHEET NO.

L1.01



NOTES

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- CONTRACTOR TO FURNISH AND APPLY APPROVED PLANT TOPSOIL AT LOCATIONS WHERE GRASSING, PLANTS, TREES, ETC. ARE TO BE INSTALLED

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/9/2024 No. LA001294 LANDSCAPE ARCHITECT
WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
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FAYETTE COUNTY

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LANDSCAPE SERIES

PROJECT NO. 21091	DATE 9 / 6 / 2024
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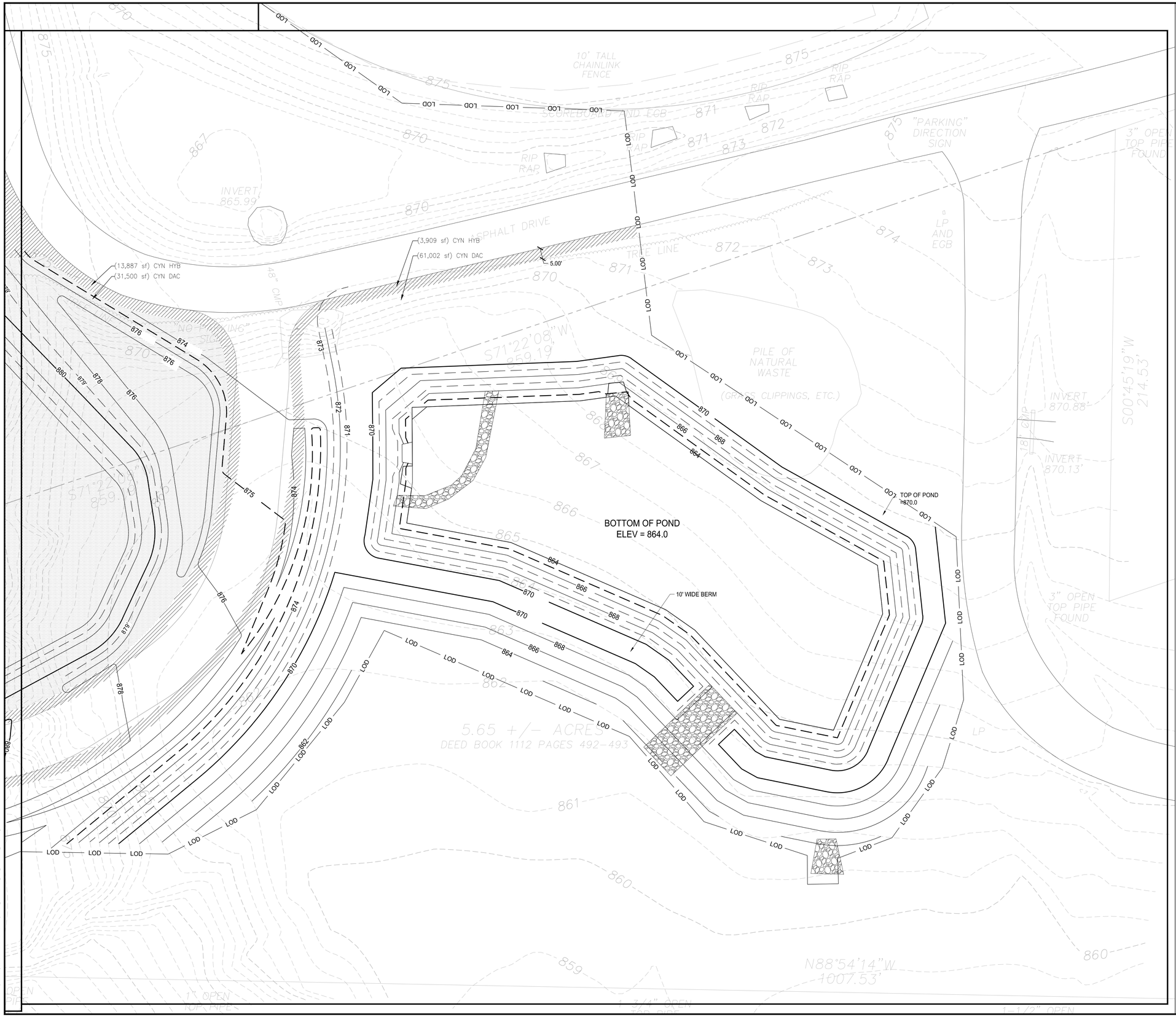
SHEET NO.

L1.02



SCALE: 1" = 20 '

NOTES

- ALTERNATE BID FOR SECOND GYM IS SHOWN. IN BASE BID, SEED AREA FOR ALTERNATE GYM LOCATION. SEEDING TO MATCH REQUIREMENT IN LANDSCAPE SCHEDULE.

- CONTRACTOR TO FURNISH AND APPLY APPROVED PLANT TOPSOIL AT LOCATIONS WHERE GRASSING, PLANTS, TREES, ETC. ARE TO BE INSTALLED

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 12/31/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

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CHECKED BY OM	

SHEET NO.

L1.03

GENERAL NOTES:

1. UNDERGROUND UTILITIES:
   - 1.1. UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. BEFORE YOU DIG, CALL GEORGIA811 OR 811 OR 1-800-282-7411.
   - 1.2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
2. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO INSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DIFFERENCES. NOTIFICATION SHALL BE IN THE FORM OF A DRAWING OR SKETCH INDICATION FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.

LANDSCAPE NOTES:

1. PLANTING BEDS AND PLANT LOCATIONS SHALL BE STAKED BY THE LANDSCAPE CONTRACTOR. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER OR THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION OF THE PLANTS.
2. PLANTING BEDS SHALL BE CLEARED OF ALL GRASS AND WEEDS PRIOR TO INSTALLATION OF PLANTS, INCLUDING SPRAYING "ROUND-UP" OR APPROVED SUBSTITUTE TO KILL ACTIVELY GROWING PLANTS. PLANT BEDS SHALL BE PREPARED AS CALLED FOR IN THE SPECIFICATIONS AND DETAILS.
3. ALL OTHER DISTURBED AREAS ARE TO BE SEEDED OR SODDED AS PER THE PLANS. ADDITIONAL SEEDING OR SODDING, IF REQUIRED, WILL BE AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE. SEE EROSION CONTROL SHEET FOR SEEDING.
4. PLANTING BEDS SHALL HAVE A THREE (3) INCH SHREDDED HARDWOOD BARK MULCH OVER THE ENTIRE BED, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
5. PRIOR TO PLANTING, ALL PLANTED AREAS SHALL BE TREATED WITH A WATER-SOLUBLE HERBICIDE FOR THE NON-SELECTIVE CONTROL OF ANNUAL AND PERENNIAL WEEDS PRIOR TO PLANTING.
6. ALL TREE AND SHRUB PLANTING PITS SHALL BE BACKFILLED WITH A PLANTING SOIL MIXTURE OF ONE (1) PART ORIGINAL SOIL AND ONE (1) PART TOPSOIL, THOROUGHLY MIXED. SAMPLE OF MIXTURE TO BE APPROVED IN WRITING BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
7. PLANT GROUNDCOVER & ANNUAL BEDS IN SAME MIXTURE AS SHRUBS. AFTER PLANTING & MULCHING, WATER AREAS TO POINT OF SATURATION.
8. ALL PLANTED AREAS ARE TO BE FERTILIZED WITH GRANULAR FERTILIZER. LANDSCAPE CONTRACTOR IS TO PROVIDE SOIL TEST RESULTS AND PROPOSED FERTILIZER APPLICATION RATES TO THE OWNER OR OWNER'S REPRESENTATIVE FOR APPROVAL.
9. ALL PLANT MATERIAL IS TO BE NURSERY GROWN AND TO COMPLY WITH AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60. 1-2004) OR LATEST EDITION. PLANTS NOT IN COMPLIANCE WILL BE REJECTED AND REPLACED WITH PLANTS THAT MEET THE STANDARDS.
10. SPRAY TREES AND SHRUBS WITH AN ANTI-DESICCANT IF FOLIAGE IS PRESENT.
11. EVERGREEN TREES AND SHRUBS SHALL BE PLANTED IN THE SAME MANNER AS DECIDUOUS MATERIAL IS PLANTED.
12. DO NOT PRUNE ANY PLANT MATERIAL UNTIL IT HAS BEEN INSPECTED AND ACCEPTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
13. ALL LANDSCAPE MATERIAL SHALL BE APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE BEFORE INSTALLATION. MATERIALS MAY BE VIEWED AT LANDSCAPE CONTRACTOR'S HOLDING SITE OR AT THIS SITE. IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE OF THE AVAILABILITY OF THE MATERIALS TO BE INSPECTED.
14. ALL MATERIALS INSPECTED ON THE SITE AND FOUND TO BE UNACCEPTABLE SHALL BE REMOVED FROM THE SITE ON THE DAY OF INSPECTION.
15. FIELD CHANGES MUST BE APPROVED IN WRITING BY THE OWNER OR OWNER'S REPRESENTATIVE.
16. EXISTING PLANT MATERIAL IS TO BE EVALUATED BY THE LANDSCAPE ARCHITECT FOR POSSIBLE RELOCATION ON SITE. THE LANDSCAPE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT FORTY-EIGHT (48) HOURS BEFORE BEGINNING WORK.
17. ALL PLANT MATERIAL SHALL BE SUPPLIED BY APPROPRIATE SOURCES TO PREVENT UNDUE STRESS OR PROLONGED ACCLIMATIZATION WHICH WOULD INHIBIT PLANT GROWTH.
18. LANDSCAPE CONTRACTOR IS TO VERIFY PLANT QUANTITIES SHOWN ON PLAN AND IN PLANT LIST. IF DISCREPANCIES OCCUR, LANDSCAPE CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT IMMEDIATELY. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE.
19. EVERGREEN TREES TO BE A MINIMUM OF 6' IN HEIGHT AT TIME OF PLANTING - DECIDUOUS TREES TO BE 2" DBH MIN AT TIME OF PLANTING. SEE PLANT LIST FOR LARGER MATERIAL REQUIRED.
20. MULTI-TRUNK PLANT MATERIAL SHALL BE ONE PLANT GROWN FROM SINGLE SEEDLING. NO CLUMP MULTI-PLANT STOCK WILL BE ACCEPTED.
21. IF IN THE OPINION OF THE LANDSCAPE ARCHITECT, THE CENTRAL LEADER OF ANY TREE HAS BEEN CUT IN THE HISTORY OF THE PLANT'S GROWTH, THE MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. THE DECISION OF THE LANDSCAPE ARCHITECT WILL BE FINAL.

PLANT STOCK NOTES:

1. ALL CANOPY TREES SHALL BE LIMBED UP AT LEAST 7' WITH A MINIMUM HEIGHT OF 12'.
2. ALL PEDESTRIAN ACCESS WAYS MUST HAVE AT LEAST 7' OF CLEARANCE.
3. ALL UNDERSTORY TREES SHALL BE LIMBED UP AT LEAST 4' WITH A MINIMUM HEIGHT OF 8'.
4. ALL CANOPY AND UNDERSTORY TREES SHALL HAVE ONE STRONG CENTRAL LEADER TRUNK. NO MULTI-TRUNK UNLESS SPECIFIED.
5. THE SOUTH SIDE OF ALL TREES SHALL BE MARKED BEFORE TRANSPLANT FOR DIRECTIONAL PLACEMENT AT THE TIME OF PLANTING. CONTRACTOR SHALL BE RESPONSIBLE FOR DIRECTIONAL PLACEMENT.
6. ALL TREES SHALL BE MATCHED SPECIMENS WITH A FULL CANOPY AND A UNIFORM BRANCHING HABIT.
7. EVERGREEN TREES SHALL BE FULL TO GROUND WITH A HEAVY CANOPY AND STRONG CENTRAL LEADER.
8. ALL SHRUBS SHALL HAVE A FULL, HEAVY BODY FOR THE COMPLETE HEIGHT OF THE SHRUB AND SHOULD NOT SHOW STRESS AT TIME OF PLANTING.
9. ALL SHRUBS SHALL HAVE A MINIMUM #3 CONTAINER AT TIME OF PLANTING. PLANT SELECTION MUST BE CHOSEN BY PLANT SIZE, NOT CONTAINER SIZE.
10. ALL SHRUBS, EXCEPT AS NOTED"*, SHALL BE PLANTED AND MAINTAINED IN THEIR NATURAL FORM TO CREATE A PLANT MASSING EFFECT. NO "GUMDROP" PRUNING IS ALLOWED.
11. MULCH "VOLCANOES" ARE UNACCEPTABLE. MULCH MUST BE INSTALLED PER DETAILS.
12. INSTALL ALL PLANTS IN ACCORDANCE WITH ALL APPLICABLE DETAILS AND SPECIFICATIONS INCLUDED WITHIN THE CONSTRUCTION PACKAGE.
13. ALL PLANTS MUST BE SELECTED, INSTALLED, AND MAINTAINED ACCORDING TO THE SPECIFICATIONS.
14. ALL TREES MUST BE PLANTED A MINIMUM OF 5 FEET FROM MAJOR UTILITY LINES. CONTACT LANDSCAPE ARCHITECT WHERE DISCREPANCIES OCCUR FOR FIELD ADJUSTMENT.

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
TREES							
	PRU KWA	5	PRUNUS SEMULATA 'Kwanzan'	KWANZAN JAPANESE FLOWERING CHERRY	B&B	3" CAL.	MATCHED TREES
	PIS CHI	6	PISTACIA CHINENSIS	CHINESE PISTACHE	B&B	3" CAL.	MATCHED TREES
	QUE SHU	6	QUERCUS SHUMARDII	SHUMARD OAK	B&B	3" CAL.	MATCHED TREES
SHRUBS							
	ILE BUR	13	ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY	CONT.	5 GAL.	30" O.C. SPACING
	ILE FOS	4	ILEX X ATTENUATA 'FOSTERI'	FOSTER'S HOLLY	CONT.	6' HT.	SELF FACING
	RHO BXX	72	RHODODENDRON X 'ROBLEG'	AUTUMN ANGEL® ENCORE® AZALEA	CONT.	5 GAL.	30" O.C. SPACING
	RHO R92	126	RHODODENDRON X 'ROBLES'	AUTUMN LILAC® ENCORE® AZALEA	CONT.	5 GAL.	30" O.C. SPACING
GROUND COVERS							
	CYN DAC	93,378 SF	CYNODON DACTYLON	BERMUDAGRASS	SEED		SOW AT 75LBS./AC. – REFER TO ESPC PLANS FOR AREAS THAT REQUIRE MATTING
	CYN HYB	51,876 SF	CYNODON DACTYLON '419 HYBRID'	BERMUDAGRASS	SOD		LAY WITHIN 36 HOURS OF CUTTING GEORGIA BLUETAG CERTIFIED
	MUH CAP	1,019 SF	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	CONT.	1 GAL.	30" O.C. SPACING

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/5/2024 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

NO.	DATE	DESCRIPTION
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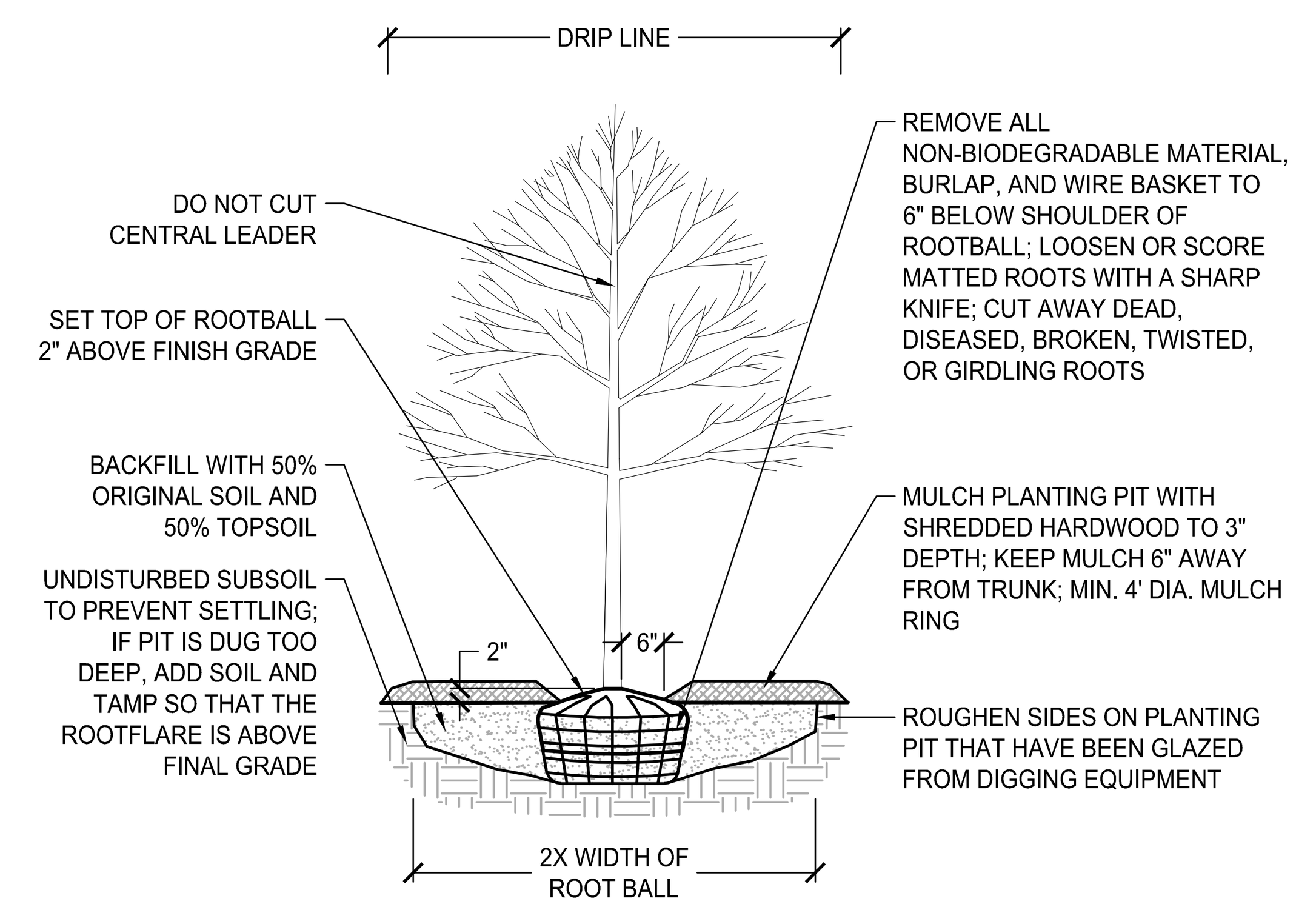
SHEET TITLE
NOTES & SCHEDULES

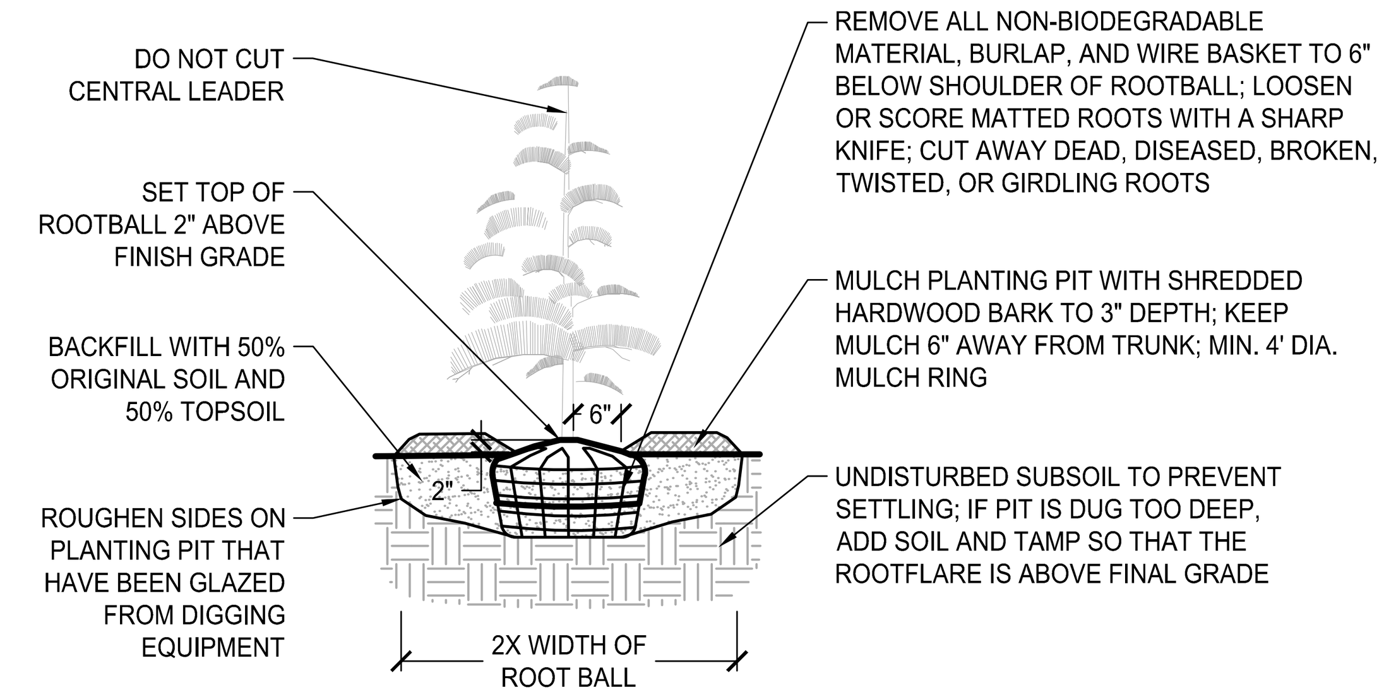
PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.
L1.10



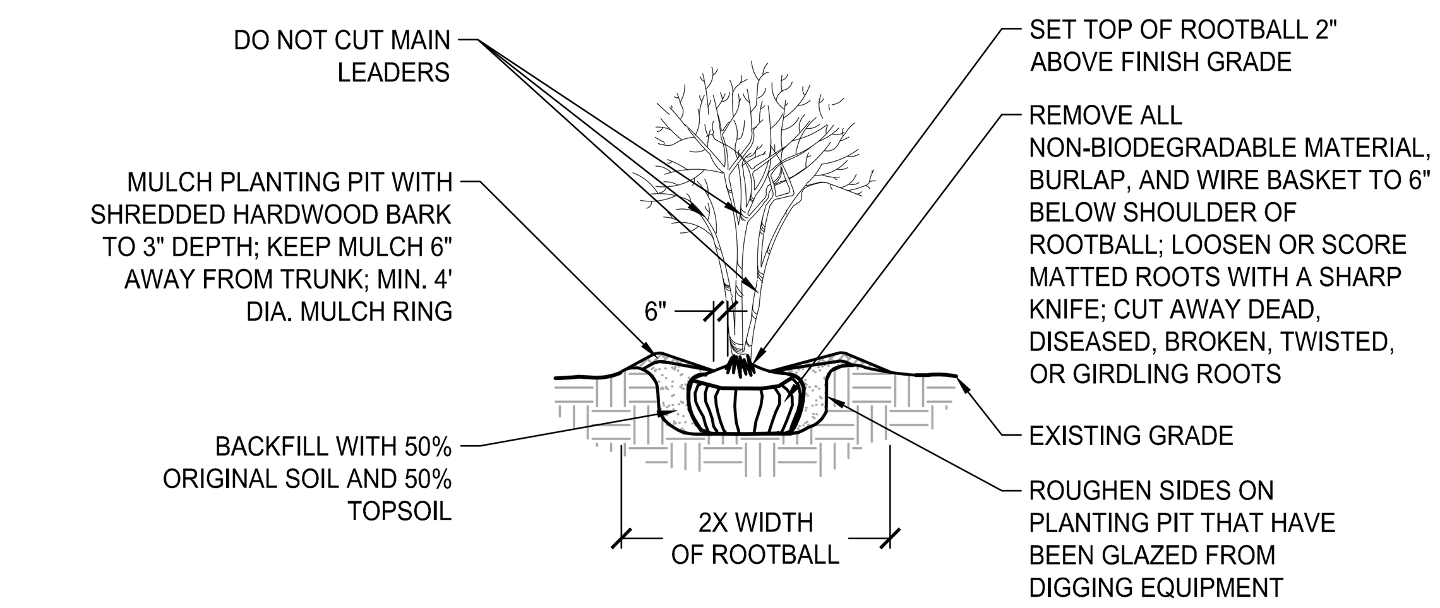
NOTES:
1. WATER TREES IMMEDIATELY AFTER PLANTING.
2. TREES OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH.
3. TREE MUST MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1)

1 DECIDUOUS TREE
SCALE: NTS



NOTES:
1. WATER TREES IMMEDIATELY AFTER PLANTING.
2. TREES OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH

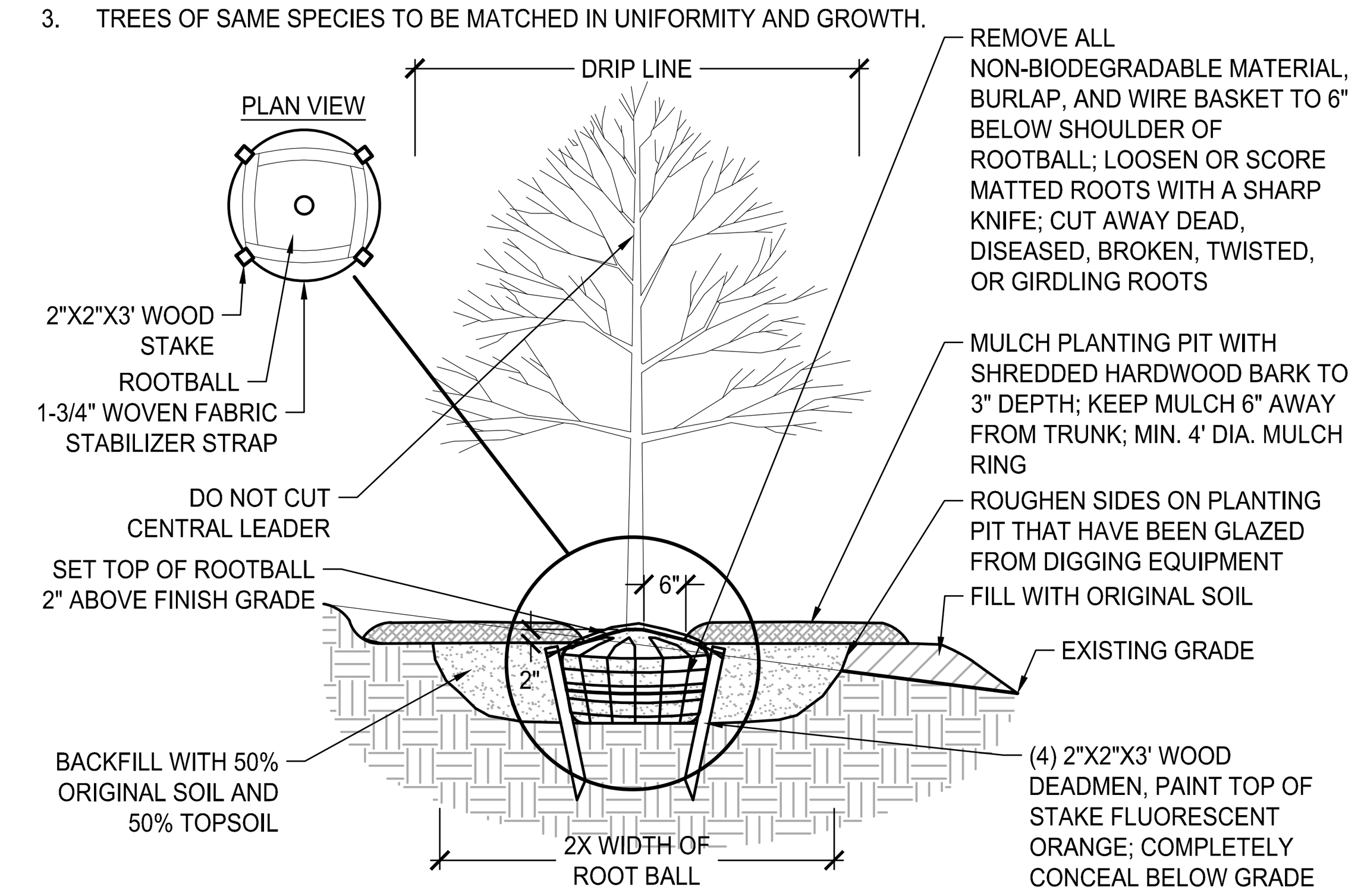
2 CONIFER TREE
SCALE: NTS



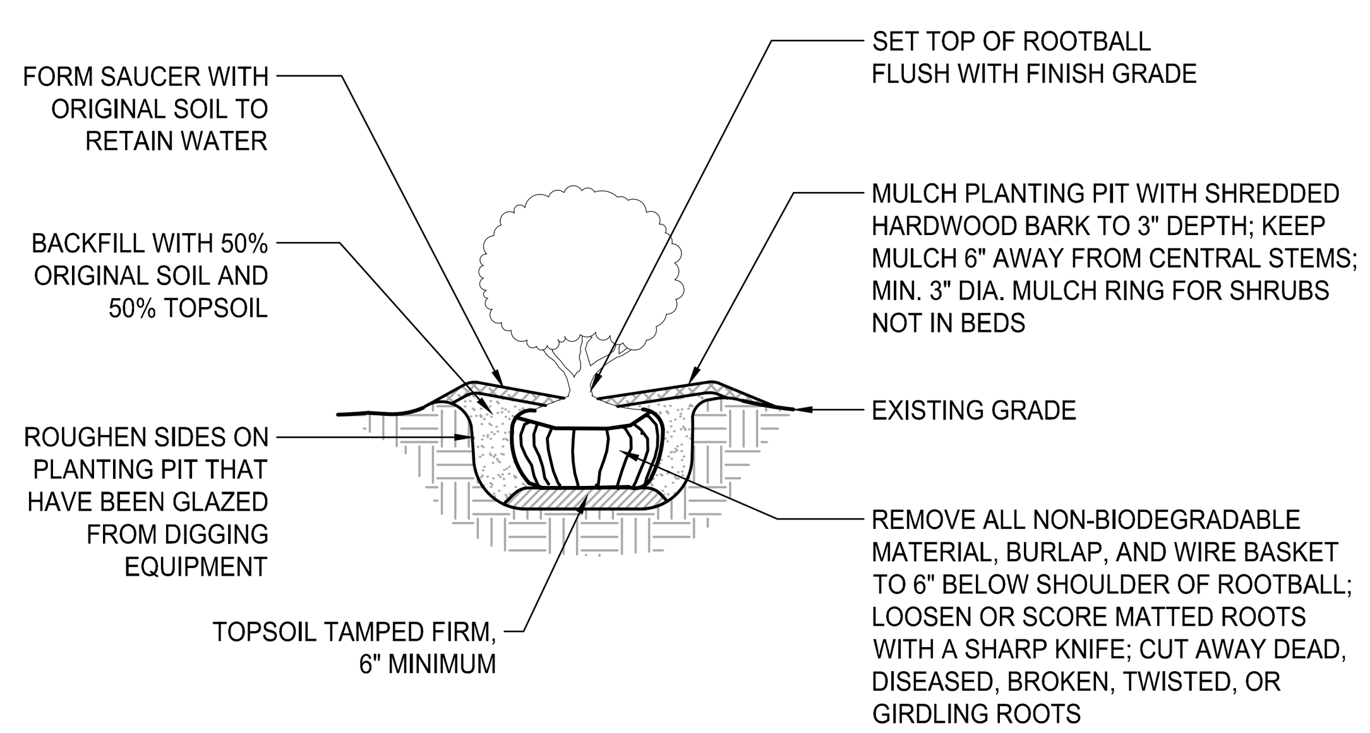
NOTES:
1. WATER MULTI-TRUNK TREES IMMEDIATELY AFTER PLANTING.
2. MULTI-TRUNK TREES OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH

3 MULTI-TRUNK TREE
SCALE: NTS

NOTES:
1. CONTRACTOR SHALL SECURE STABILIZER STRAPS ACROSS ROOTBALL AND TIGHTEN ONLY ENOUGH TO KEEP ROOT BALL INTACT; DO NOT DAMAGE ROOT BALL BY OVERTIGHTENING.
2. WATER TREES IMMEDIATELY AFTER PLANTING.
3. TREES OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH.

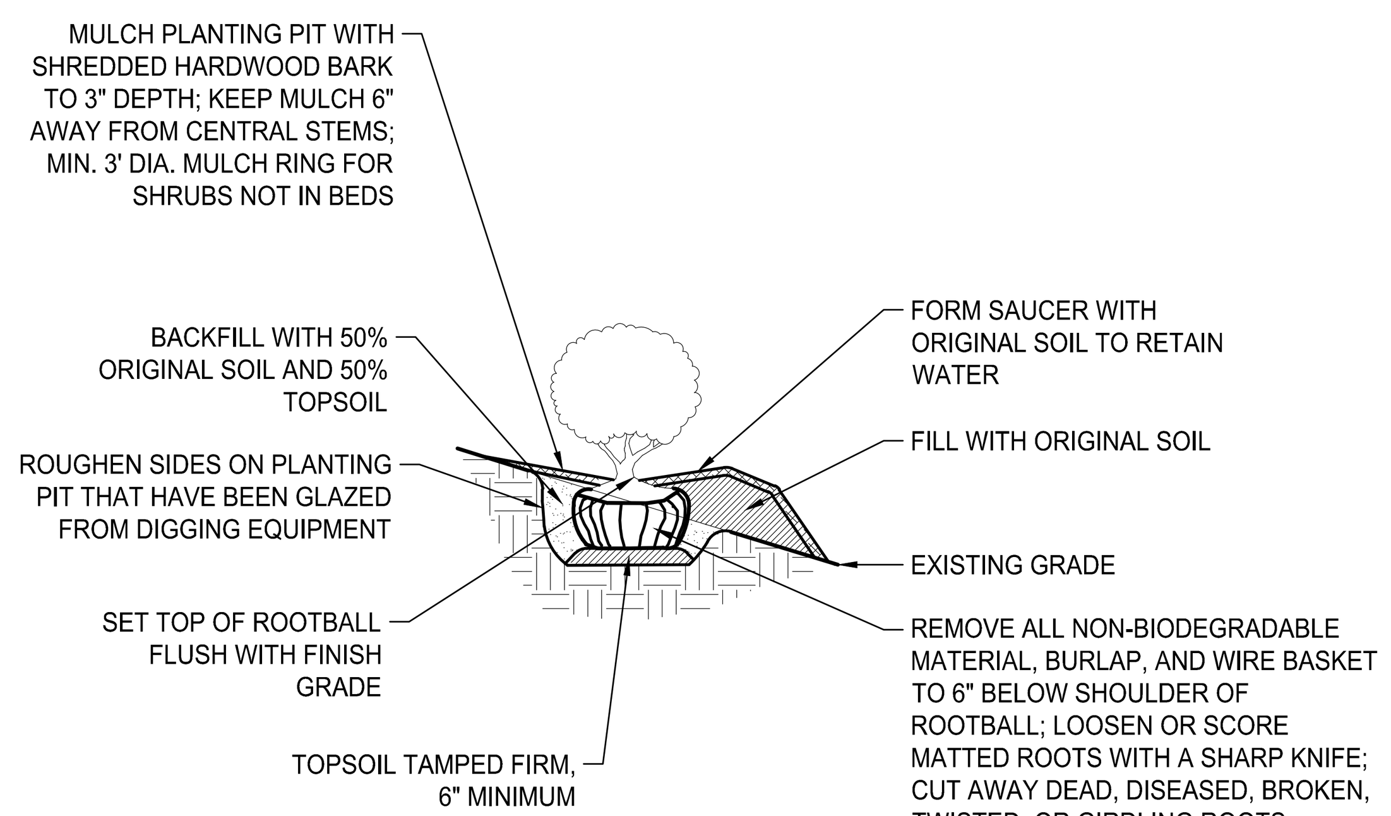


4 TREE ON SLOPE (10:1 TO 2:1 SLOPE)
SCALE: NTS



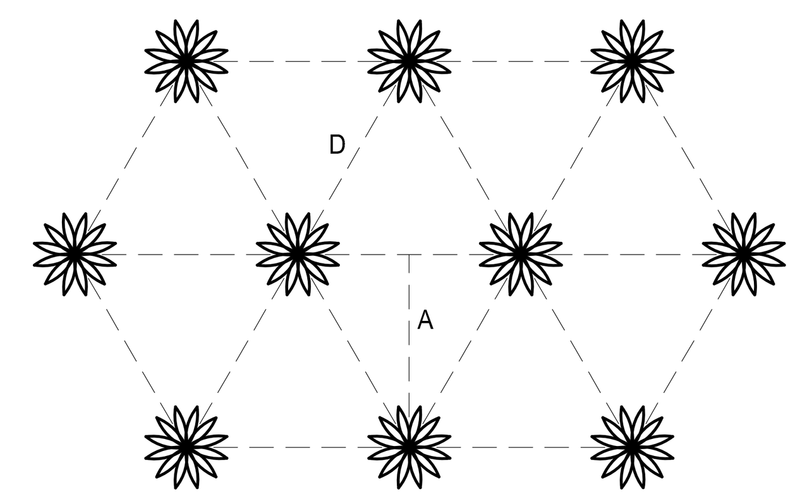
NOTES:
1. WATER SHRUBS IMMEDIATELY AFTER PLANTING.
2. SHRUBS OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH.

5 SHRUB PLANTING
SCALE: NTS



NOTES:
1. WATER SHRUBS IMMEDIATELY AFTER PLANTING.
2. SHRUBS OF SAME SPECIES TO BE MATCHED IN UNIFORMITY AND GROWTH

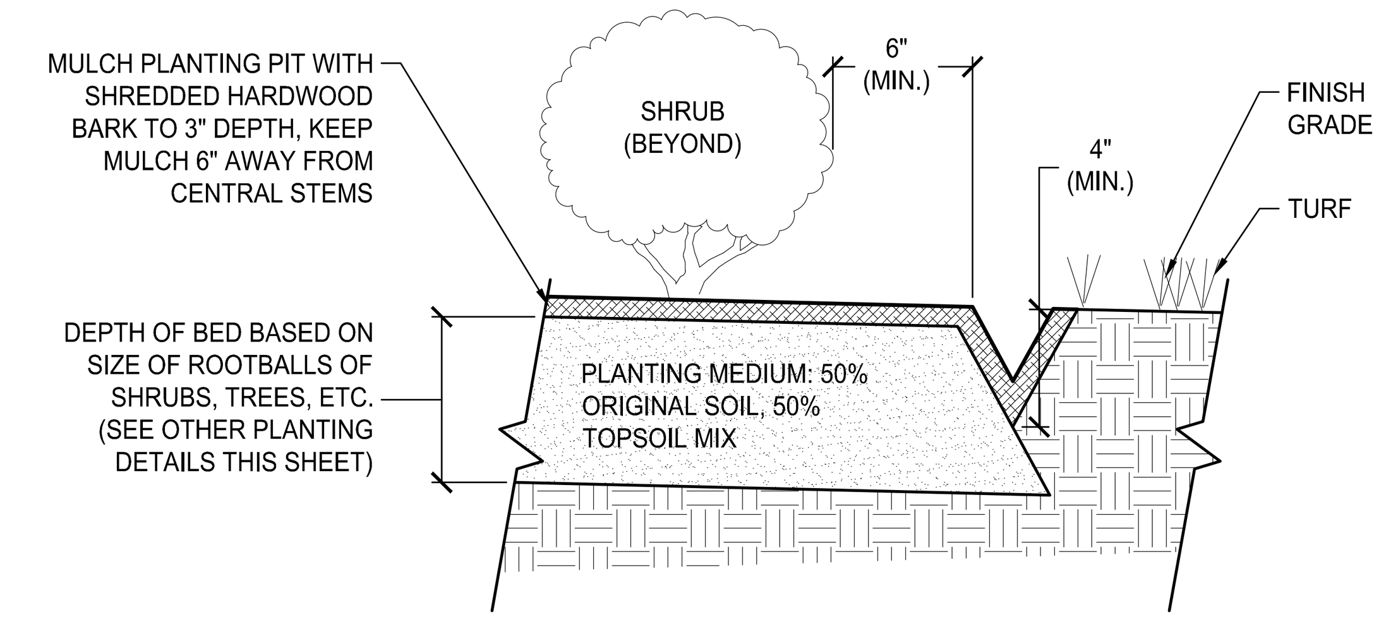
6 SHRUB PLANTING (ON SLOPE)
SCALE: NTS



SPACING "D"	ROW WIDTH "A"	PLANTS / S.F.
6" O.C.	5.2"	4.61
8" O.C.	6.9"	2.60
10" O.C.	8.7"	1.66
12" O.C.	10.4"	1.15
15" O.C.	13.0"	0.74
18" O.C.	15.6"	0.51
24" O.C.	20.8"	0.33

NOTES:
1. GROUNDCOVERS AND BULBS TO BE PLANTED ON TRIANGULAR GRID.
2. SEE PLANT SCHEDULES FOR REQUIRED SPACING.

7 GROUNDCOVER SPACING
SCALE: NTS



NOTES:
1. DIG TRENCH EDGE WITH SPADE CONTINUOUS ALONG EDGE OF BED AND TURF.
2. MULCH TRENCH AS SHOWN.
3. IF EDGE OF BED IS GROUNDCOVER, PLACE TRENCH AT EDGE OF GROUNDCOVER.

8 EDGING (TRENCH)
SCALE: NTS

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. LA001594 WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS

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SHEET TITLE
LANDSCAPE DETAILS

PROJECT NO. 21091
DATE 9 / 6 / 2024
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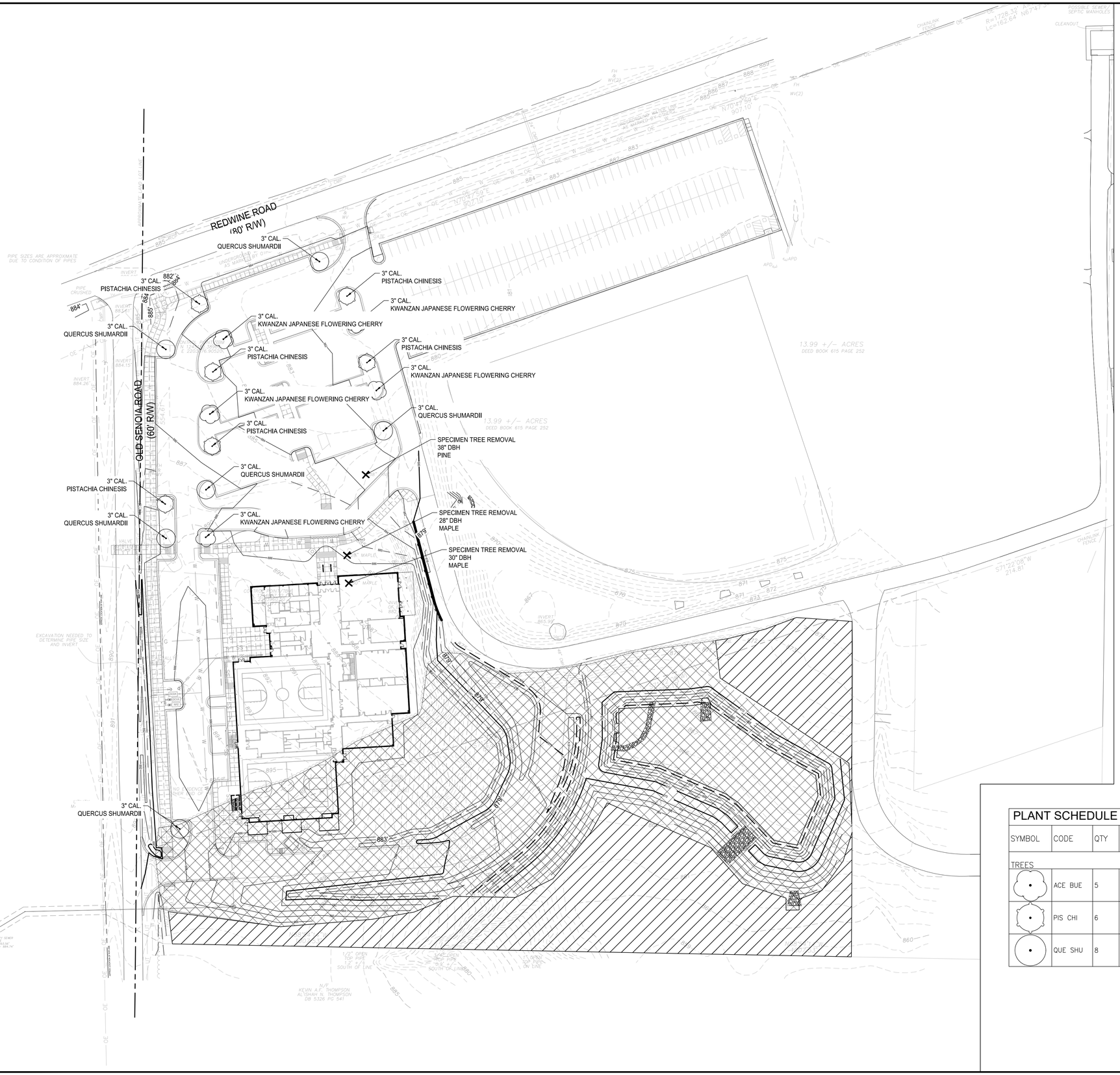
SCALE NTS
CHECKED BY OM
SHEET NO.
L1.11



TREE CALCULATIONS:

TREE DENSITY CALCULATIONS:	
DISTURBED AREA:	7.78 AC
EXISTING INCHES ON SITE:	96 INCHES
REQUIRED SDU (100 x 7.78):	778 SDU
SPECIMEN TREE CALCULATIONS:	
SPECIMEN INCHES REMOVED:	96 INCHES
TOTAL SDU (EDU + RDU):	51 SDU

NOTE:

EXISTING TREE SAVE AREA NOT INCLUDED IN THESE FIGURES

TREE SAVE AREA (1.48 ACRES)

TREE REMOVAL AREA

TREE REMOVAL

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	DBH	TOTAL RDU
TREES						
•	ACE BUE	5	ACER BUERGERIANUM	TRIDENT MAPLE	3	18
•	PIS CHI	6	PISTACIA CHINENSIS	CHINESE PISTACHE	3	18
•	QUE SHU	8	QUERCUS SHUMARDII	SHUMARD OAK	3	24

0 50 100 150

SCALE: 1" = 50 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/6/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
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FAYETTE COUNTY

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SHEET TITLE

TREE PROTECTION PLAN

PROJECT NO. 21091	DATE 9 / 6 / 2024
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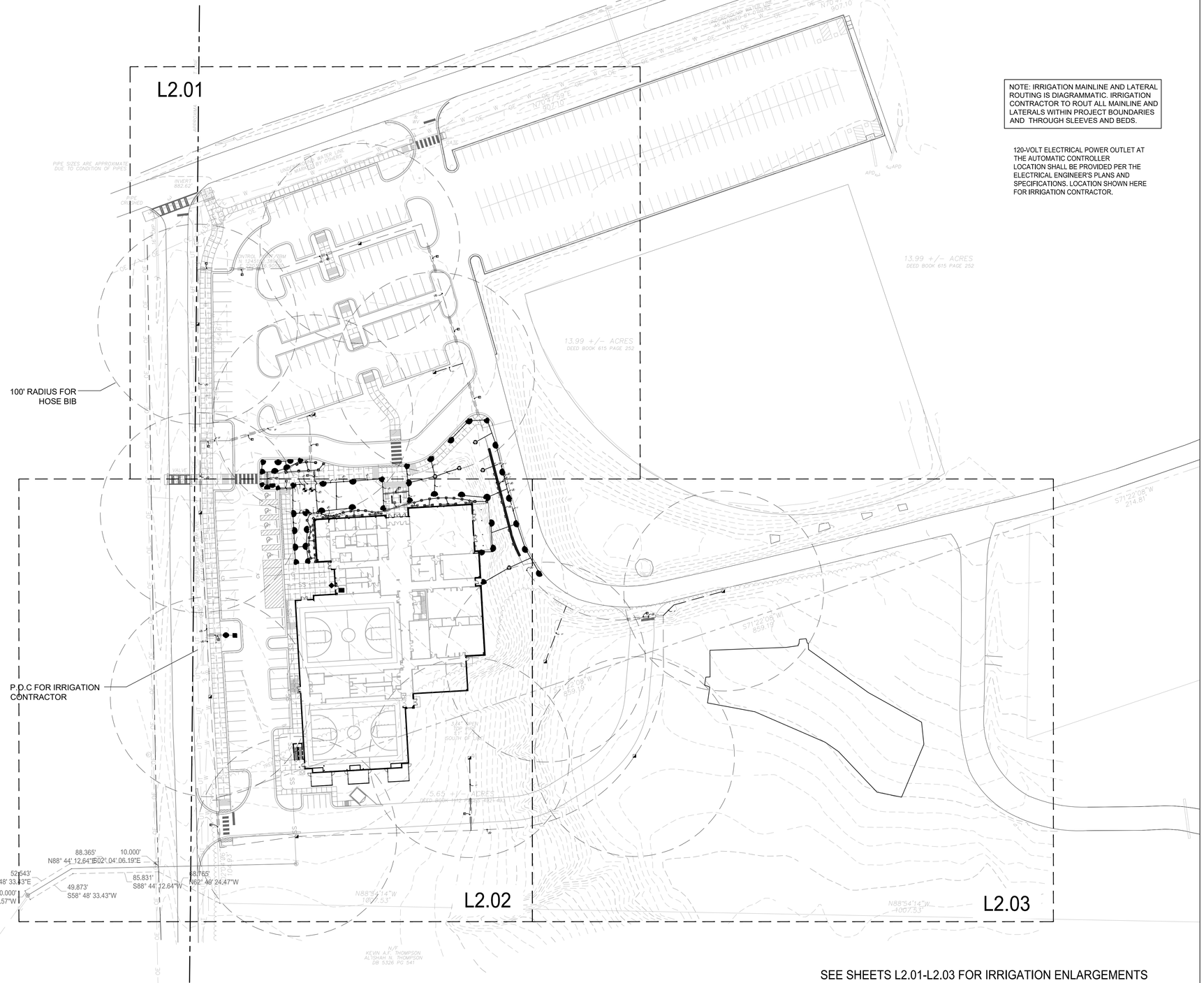
CHECKED BY OM	

SHEET NO.

L1.12



NOTE: IRRIGATION MAINLINE AND LATERAL ROUTING IS DIAGRAMMATIC. IRRIGATION CONTRACTOR TO ROUT ALL MAINLINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.

120-VOLT ELECTRICAL POWER OUTLET AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED PER THE ELECTRICAL ENGINEER'S PLANS AND SPECIFICATIONS. LOCATION SHOWN HERE FOR IRRIGATION CONTRACTOR.

SEE SHEETS L2.01-L2.03 FOR IRRIGATION ENLARGEMENTS
SEE SHEET L2.10 FOR IRRIGATION SCHEDULE AND NOTES
SEE SHEETS L2.11 FOR IRRIGATION DETAILS

IRRIGATION NOTES

1. ALL MAINLINES TO HAVE A MINIMUM OF 18" COVER AS SPECIFIED IN PROJECT MANUAL.
2. ALL LATERAL PIPE TO HAVE A MINIMUM OF 12" COVER.
3. NO ROCKS, BOULDER, OR OTHER EXTRANEOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCH.
4. ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.
5. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
6. ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
7. SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S SPECS.
8. ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS AS SHOWN ON DETAILS. USE 3M DBR-Y6 OR EQUIVALENT.
9. ALL EQUIPMENT NOT SPECIFIED IN THE LEGEND SHALL BE DETERMINED AND FURNISHED BY THE CONTRACTOR.
10. NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS. USE A DBY OR DBR SPLICE.
11. QUANTITIES SHOWN IN COMPONENTS LIST ARE TO BE VERIFIED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFFS. ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PRECEDING WITH THE WORK.
12. ON TWO WIRE SYSTEMS THE WIRE IS TO BE SPECIAL DIRECT BURIAL IRRIGATION CONTROL CABLE 14 OR 12 AWG WITH OUTER JACKET BEING PRESSURE EXTRUDED HIGH DENSITY PE CONFORMING TO ICEA S-61 ,402, AND NEMA WC5 JACKET THICKNESS 3/64" MIN. JACKET MATERIAL TO COMPLETELY FILL INTERSTICES BETWEEN THE TWO INSULATED CONDUCTORS.
13. ALL 2-WIRE TO BE INSTALLED IN 1" SCH 80 ELECTRICAL CONDUIT.
14. INSTALL A 16 GAUGE TRACER WIRE IN ALL TWO WIRE SYSTEM'S TRENCHES.
15. CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED. I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING OR PROPOSED SITE FEATURES.
16. CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, i.e. VERIFY ROOT BALL SIZE FOR PLANTING.
17. CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX. LEAVE TWENTY-FOUR (24) INCH LOOP OF WIRE AT EACH VALVE.
18. ALL SPRINKLERS TO BE MOUNTED ON SWING JOINTS - REFER TO DETAILS.
19. CONTRACTOR SHALL INSTALL A SEPARATE COMMON FOR EACH CONTROLLER.
20. 24 VOLT WIRE SHALL BE COLOR CODED; COMMON-WHITE, CONTROL-RED.
21. CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDED GROUNDING EQUIPMENT FOR POWER SUPPLY AND VALVE OUTPUT WITH (2) 5/8" COPPER CLAD GROUND RODS.
22. CONTRACTOR SHALL INSTALL GROUND AND LIGHTING PROTECTION AS CALLED FOR BY SPECIFICATIONS AND MANUFACTURER.
23. ALL MATERIAL TO BE SUPPLIED BY CONTRACTOR TO OWNER:
    A. TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER HEADS AND VALVE SUPPLIED.
    B. FOUR KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS.
    C. TWO QUICK COUPLER KEYS WITH MATCHING HOSE SWIVELS.
24. SYSTEM IS DIAGRAMMATIC TO IMPROVE CLARITY. ALL MAINLINE PIPING ELECTRIC VALVES AND WIRING ARE TO BE INSTALLED IN LANDSCAPE AREAS AND WITHIN PROPERTY BOUNDARIES. CONTRACTOR SHALL REFERENCE THE LANDSCAPE PLAN PRIOR TO THE INSTALLATION OF PIPING TO AVOID CONTACT WITH PLANT MATERIALS EXISTING OR NEW.
25. CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.
26. CONTRACTOR SHALL INSTALL ALL SPRINKLERS 4" FROM CURBS OR WALKS.
27. IRRIGATION CONTRACTOR RESPONSIBLE FOR ENTIRE IRRIGATION SYSTEM.
28. ALL FITTINGS FOR MAINLINE PIPES 4" AND LARGER WILL BE HARCO DUCTILE IRON GASKETED FITTINGS OR APPROVED EQUAL FOR USE WITH PVC.
29. PLACE TRACE WIRES ON ALL MAIN TRENCHES NOT RECEIVING CONTROL WIRES.
30. SYSTEM IS DESIGNED TO OPERATE AT 33 GPM AT 85 PSI.

GENERAL IRRIGATION NOTES:

1. UNDERGROUND UTILITIES;
   A. UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. BEFORE YOU DIG CALL 811.
   B. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.

2. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO INSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DIFFERENCES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.

3. THE CONTRACTOR SHALL BE AWARE THAT MINOR ADJUSTMENTS TO THE IRRIGATION SYSTEM MAY BE NECESSARY YO PROVIDE PROPER COVERAGE. THESE ADJUSTMENT COULD INCLUDE NOZZLE CHANGES AND/OR ADDITION OR DELETION OF INDIVIDUAL HEADS TO COMPENSATE FOR CHANGES MADE ON THE SITE.

4. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PROCURING ALL NECESSARY PERMITS TO COMPLETE INSTALLATION OF THE IRRIGATION SYSTEM.

5. ALL WORK IS TO MEET ALL STATE AND LOCAL CODES.

6. CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON PLAN AND IN LIST. IF DISCREPANCIES OCCUR, CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT IMMEDIATELY. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE.

7. THE IRRIGATION CONTRACTOR WILL BE HELD FINANCIALLY LIABLE FOR ANY DAMAGE CAUSED TO NEWLY POURED CONCRETE DRIVES, CURBING, OR SIDEWALKS BY THE INSTALLATION OF THE IRRIGATION SYSTEM.

0 50 100 150
SCALE: 1" = 50 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/12/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
FAYETTE COUNTY
GEORGIA
FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
IRRIGATION SERIES

PROJECT NO. 21091	DATE 9 / 6 / 2024
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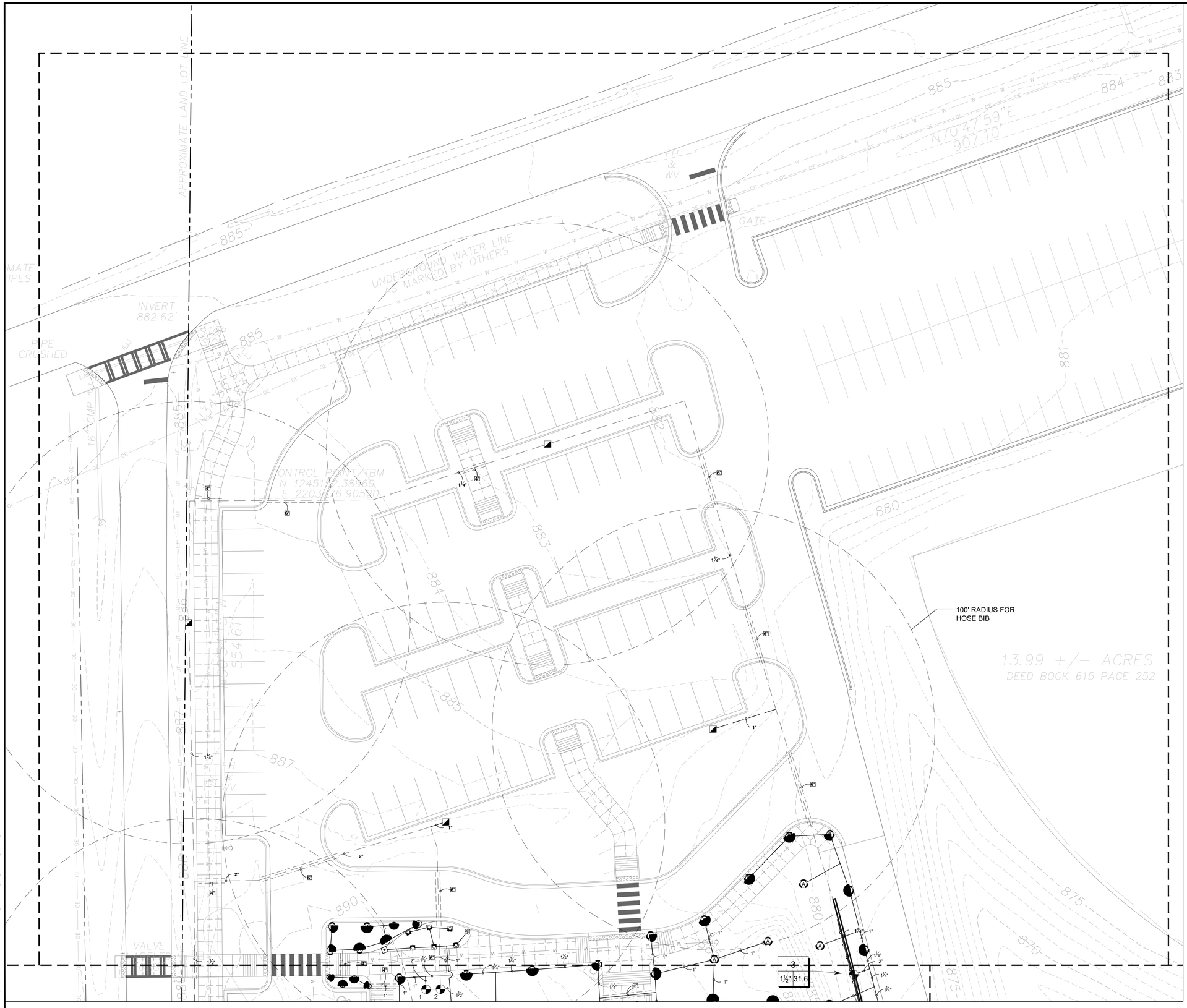
SHEET NO. L2.00	



NOTE: IRRIGATION MAINLINE AND LATERAL ROUTING IS DIAGRAMMATIC. IRRIGATION CONTRACTOR TO ROUT ALL MAINLINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09/12/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

FAYETTE COUNTY

GEORGIA

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IRRIGATION SERIES

PROJECT NO. 21091	DATE 9 / 6 / 2024
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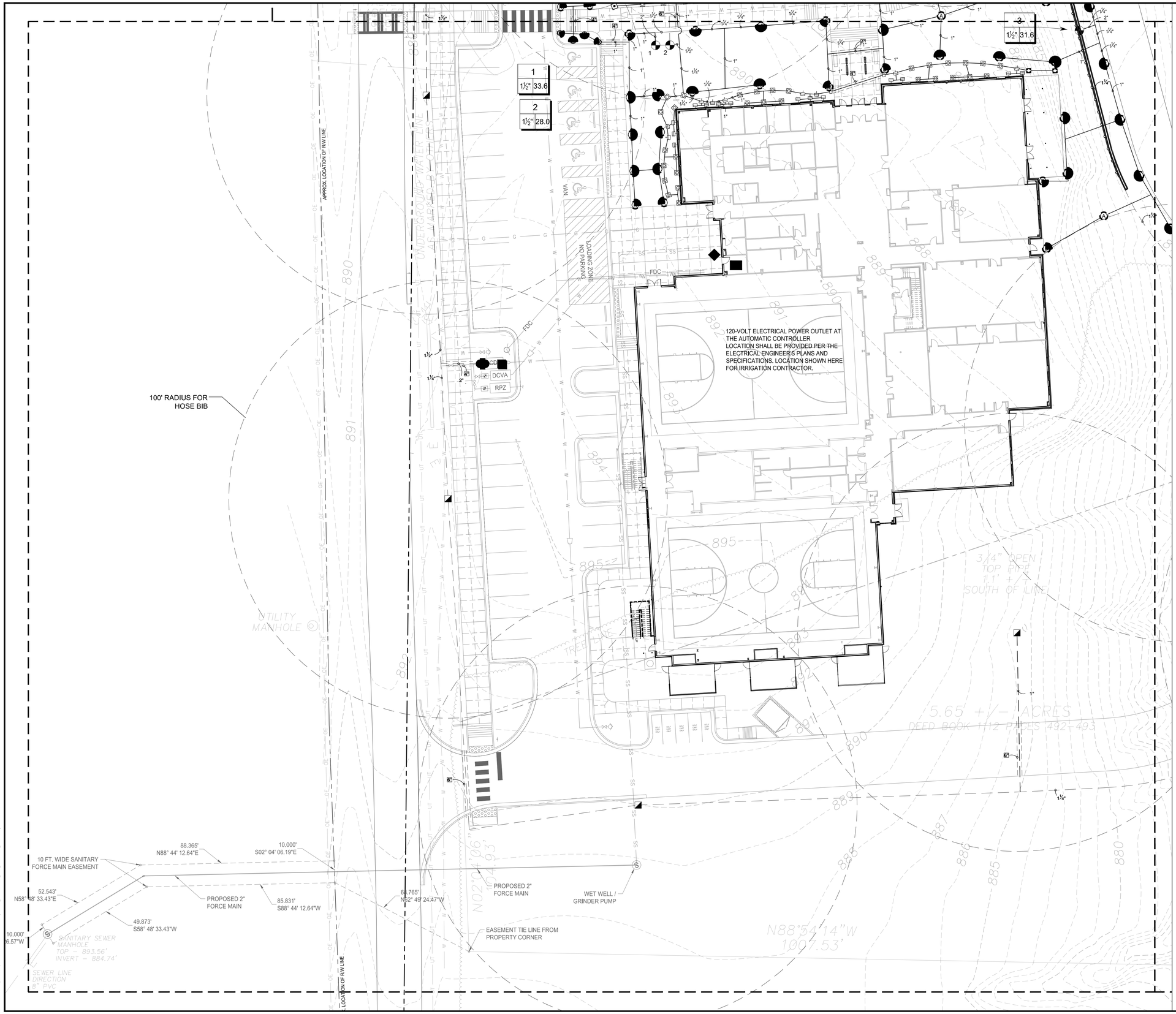
L2.01



NOTE: IRRIGATION MAINLINE AND LATERAL ROUTING IS DIAGRAMMATIC. IRRIGATION CONTRACTOR TO ROUT ALL MAINLINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 09/15/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY

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GEORGIA

FAYETTE COUNTY

SUBMITTALS / REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE

IRRIGATION SERIES

PROJECT NO. 2109.1	DATE 9 / 6 / 2024
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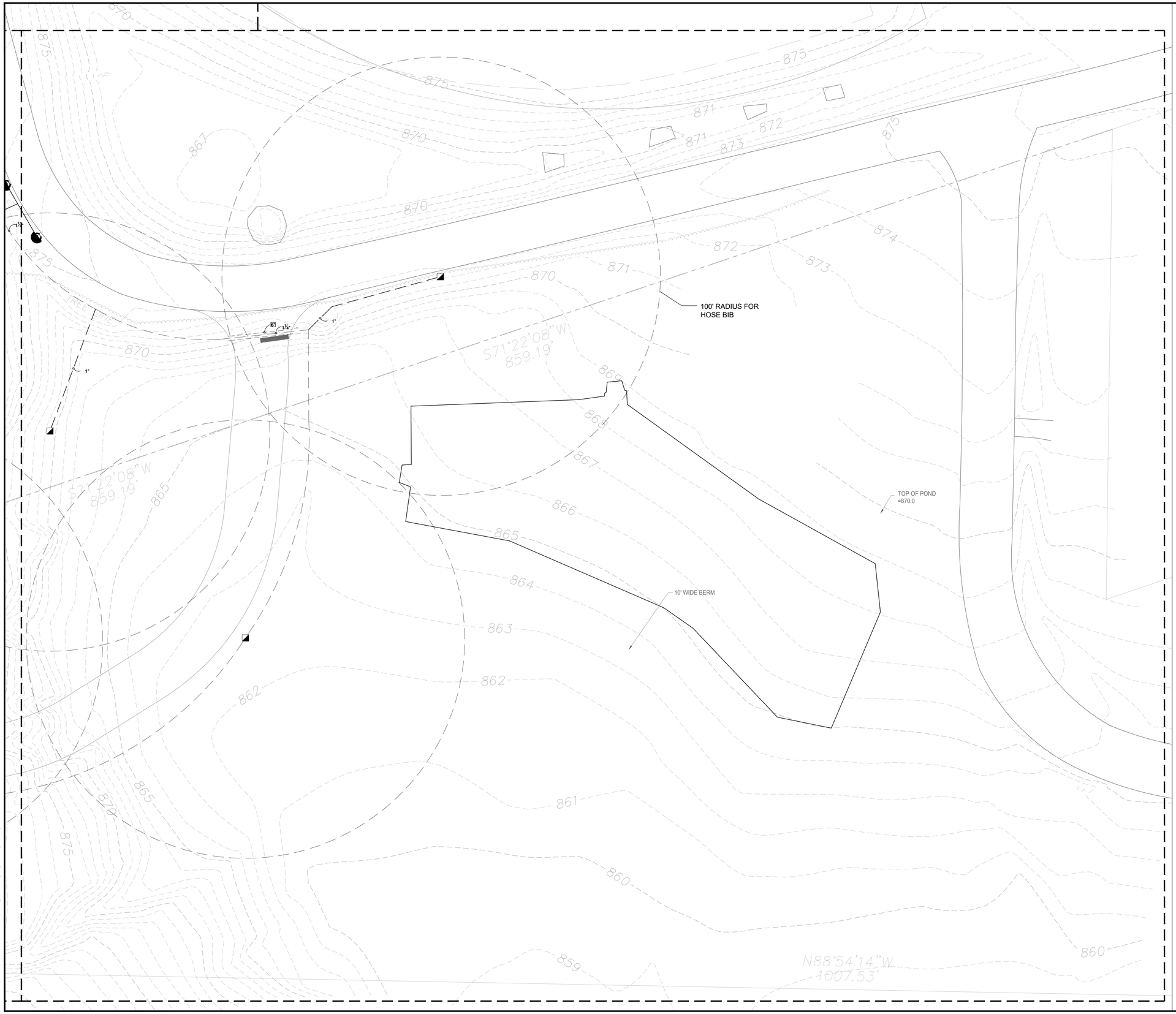
SHEET NO.

L2.02



NOTE: IRRIGATION MAINLINE AND LATERAL ROUTING IS DIAGRAMMATIC. IRRIGATION CONTRACTOR TO ROUT ALL MAINLINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.

0 20 40 60

SCALE: 1" = 20 '

LOSE DESIGN
SPACES FOR LIFE.

GEORGIA REGISTERED 9/5/24 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

FAYETTE COUNTY PARKS & RECREATION
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GEORGIA

FAYETTE COUNTY

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SHEET TITLE

IRRIGATION SERIES

PROJECT NO. 21091	DATE 9 / 6 / 2024
DRAWN BY SB	SCALE NTS
CHECKED BY OM	

SHEET NO.

L2.03

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
Q H F	HUNTER PROS-12-PRS30 5 SERIES SHRUB SPRAY, 30 PSI REGULATED 12IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	25	30
Q T H F	HUNTER PROS-12-PRS30 8 SERIES SHRUB SPRAY, 30 PSI REGULATED 12IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	27	30
Q T H F	HUNTER PROS-12-PRS30 10 SERIES SHRUB SPRAY, 30 PSI REGULATED 12IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	6	30
4 6 8 10 12 15 17	HUNTER PROS-12-PRS30 ADJ SERIES SHRUB SPRAY, 30 PSI REGULATED 12IN. POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	7	30
T	HUNTER MP CORNER PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. T=TURQUOISE ADJ ARC 45-105.	1	30
M L O	HUNTER MP1000 PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.	1	30
K G R	HUNTER MP2000 PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.	12	30
B Y A	HUNTER MP3000 PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.	25	30
LB	HUNTER MP3500 PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.	7	30
800 A 800 F	HUNTER MP800SR PROS-06-PRS30-CV TURF ROTATOR, 6IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 30 PSI, MP ROTATOR NOZZLE ON PRS30 BODY. ADJ=ORANGE AND GRAY (ARC 90-210), 360=LIME GREEN AND GRAY (ARC 360)	5	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER ICV-G 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	3
	HUNTER HQ-5LRC QUICK COUPLER VALVE, YELLOW LOCKING RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 1IN. NPT INLET, 1-PIECE BODY.	11
	FEBCO 825YA 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	1
	HUNTER P2C-400 LIGHT COMMERCIAL & RESIDENTIAL CONTROLLER, 4-STATION BASE MODULE CONTROLLER, 120 VAC, OUTDOOR/INDOOR MODEL	1
	HUNTER WR-CLIK RAIN SENSOR, INSTALL WITHIN 1000 FT OF CONTROLLER, IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED.	1
	WATER METER 1-1/2" VERIFY WATER PRESSURE BEFORE BEGINNING WORK	1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	1,580 L.F.
	IRRIGATION MAINLINE: PVC SCHEDULE 40	2,368 L.F.
	PIPE SLEEVE: PVC SCHEDULE 40	403.1 L.F.

Valve Callout

NOTE: MANUFACTURERS LISTED MAY CHANGE THEIR PRODUCT NUMBER OR DISCONTINUE PRODUCTS WITHOUT NOTICE. IF COMPONENTS ARE UNAVAILABLE, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY AND PROVIDE MANUFACTURER'S RECOMMENDED SUBSTITUTION FOR REVIEW PRIOR TO ORDERING OR INSTALLATION.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	HUNTER ICV-G	1-1/2"	TURF ROTARY	33.64	112.0	35.9	56.8	0.36 in/h
2	HUNTER ICV-G	1-1/2"	SHRUB SPRAY	27.97	112.0	35.1	53.0	1.14 in/h
3	HUNTER ICV-G	1-1/2"	TURF ROTARY	31.64	969.3	33.8	63.2	0.33 in/h
	Common Wire				2,368			

NOTE: IRRIGATION MAINLINE AND LATERAL ROUTING IS DIAGRAMMATIC. IRRIGATION CONTRACTOR TO ROUT ALL MAINLINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.

POSSIBLE WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	SUN	MON	TUE	WED	THU	FRI	SAT	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	HUNTER ICV-G	TURF ROTARY	0.36 in/h		70 min		70 min		70 min		1.25	209	7,031	2,344
2	HUNTER ICV-G	SHRUB SPRAY	1.57 in/h		10 min		10 min		10 min		0.75	29	875	292
3	HUNTER ICV-G	TURF ROTARY	0.33 in/h		77 min		77 min		77 min		1.25	230	7,277	2,426
		TOTALS:			157		157		157			468	15,183	5,061

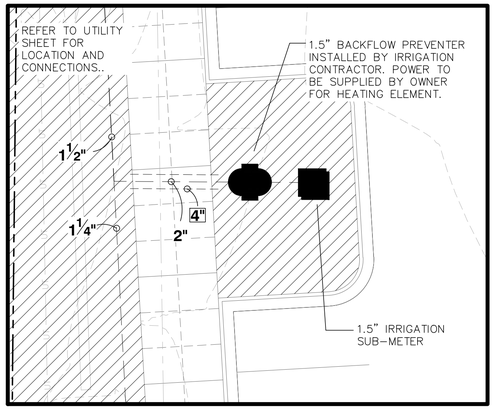
NOTE: IT SHALL BE THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO DETERMINE, PROVIDE AND WARRANT SPECIFIC WATER VOLUME, WATER QUALITY AND WATERING FREQUENCY FOR ALL SPECIES OF TREES, SHRUBS, GROUNDCOVERS AND SOD AS IDENTIFIED ON THE LANDSCAPE PLAN. SUBMIT WATER SCHEDULE TO OWNER WITH SEASONAL REQUIREMENTS.

CRITICAL ANALYSIS

Generated:	2024-06-20 09:29
P.O.C. NUMBER: 01	
Water Source Information:	Verify water pressure before beginning work
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available	75 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	85 PSI
Elevation Change:	5.00 ft
Service Line Size:	3"
Length of Service Line:	20 ft
Pressure Available:	83 PSI
DESIGN ANALYSIS	
Maximum Station Flow:	33.64 GPM
Flow Available at POC:	75 GPM
Residual Flow Available:	41.36 GPM
Critical Station:	3
Design Pressure:	30 PSI
Friction Loss:	2.08 PSI
Fittings Loss:	0.21 PSI
Elevation Loss:	0 PSI
Loss through Valve:	1.53 PSI
Pressure Req. at Critical Station:	33.8 PSI
Loss for Fittings:	1.43 PSI
Loss for Main Line:	14.3 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	11.6 PSI
Loss for Water Meter:	2.06 PSI
Critical Station Pressure at POC:	63.2 PSI
Pressure Available:	83 PSI
Residual Pressure Available:	19.8 PSI

LIABILITY STATEMENT:

THE PURPOSE OF THIS IRRIGATION PLAN IS TO PROVIDE A PHYSICAL LAYOUT OF IRRIGATION EQUIPMENT TO ASSIST THE CONTRACTOR IN ACCURATELY ESTIMATING THE COSTS TO BID THE SPRINKLER SYSTEM. THE DESIGN INTENT IS TO PROVIDE THE CONTRACTOR WITH A DIAGRAMMATIC LAYOUT OF SPRINKLER EQUIPMENT, WHICH WILL PROVIDE ADEQUATE WATER COVERAGE FOR THE LANDSCAPE MATERIALS WITHIN THE SCOPE OF WORK UNDER THIS CONTRACT. THESE PLANS AND THE MATERIAL'S SPECIFIED ARE SUBJECT TO CHANGE WITHOUT NOTICE TO THE CONTRACTOR. PRIOR TO BIDDING THIS CONTRACT THE CONTRACTOR WILL VERIFY ALL IRRIGATION MATERIAL MODEL NUMBERS, DIMENSIONS, COMPATIBILITY OF COMPONENT ASSEMBLIES, MAINLINE AND ZONE HYDRAULICS, ELECTRICAL COMPONENTS, WIRING, ALL SLEEVES, WATER AND ELECTRICAL SOURCE'S, PRESSURE AND APPLICABLE SITE CONDITIONS, WHICH MAY ADVERSELY AFFECT EITHER THE COST OR PERFORMANCE OF THIS SPRINKLER SYSTEM. IF A CONFLICT IS FOUND THE CONTRACTOR WILL NOTIFY THE OWNER IN WRITING AND WILL NOT BID THE WORK UNTIL THE OWNER HAS RESOLVED THE CONFLICT AND ISSUED IN WRITING A "NOTICE TO PROCEED". IF A CONFLICT IS FOUND AFTER THE CONTRACT HAS BEEN SIGNED THE CONTRACTOR WILL RESOLVE THE CONFLICT AT HIS OWN EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER. CHANGE ORDERS WILL NOT BE ACCEPTED FROM THE CONTRACTOR TO INCREASE THE CONTRACT AMOUNT AFTER THE CONTRACT HAS BEEN SIGNED FOR THE AREA WITHIN THE SCOPE OF WORK UNDER THIS CONTRACT. SLEEVING MAY OR MAY NOT BE SHOWN OR CALLED OUT ON THESE PLANS, IT REMAINS THE RESPONSIBLE OF THE CONTRACTOR TO INSTALL ALL SLEEVES NECESSARY WHEREVER THEY MAY BE REQUIRED.
THE IRRIGATION MATERIALS USED ON THIS PLAN HAVE BEEN CAREFULLY SELECTED FOR QUALITY, DURABILITY, AND LONGEVITY AND HAVE BEEN HYDRAULICALLY ENGINEERED INTO THIS PROJECT. CONSEQUENTLY THESE MATERIALS ARE NOT SUBJECT TO CHANGE WITHOUT WRITTEN APPROVAL FROM THE OWNER. PRIOR TO STARTING THE WORK THE CONTRACTOR WILL SUBMIT TO THE OWNER A CATALOG CUT SHEET, DESCRIPTION, QUANTITY AND COST OF EACH ITEM TO BE INSTALLED. THE CONTRACTOR WILL NOT START THE WORK UNTIL THE OWNER HAS APPROVED THE MATERIAL LIST AND ISSUED A WRITTEN "NOTICE TO PROCEED". THE CONTRACTOR MAY SUBMIT A WRITTEN REQUEST TO THE OWNER FOR A "MATERIAL SUBSTITUTION" IF A PRODUCT HAS BECOME OBSOLETE OR HAS A LEAD TIME THAT WILL DELAY THE PROJECT. THE CONTRACTOR WILL INCLUDE IN THE "REQUEST FOR MATERIAL SUBSTITUTION" THE COST OF THE ITEM SPECIFIED WITH THE COST OF THE ITEM BEING REQUESTED FOR SUBSTITUTION. IF THE COST OF THE PROPOSED ITEM FOR SUBSTITUTION IS LESS THAN THE ITEM SPECIFIED THE CONTRACTOR WILL DEDUCT THAT AMOUNT FROM THE CONTRACT. IF THE COST OF THE PROPOSED ITEM FOR SUBSTITUTION IS MORE THAN THE ITEM SPECIFIED THE CONTRACTOR MAY SUBSTITUTE THE ITEM AT NO ADDITIONAL EXPENSE OR COST TO THE OWNER. THE INTENT IS, THE CONTRACTOR WILL NOT BE ALLOWED TO MAKE HIGHER PROFITS BY SUBSTITUTING INFERIOR OR LESS EXPENSIVE PRODUCTS. PRIOR TO COMPLETION OF THE WORK THE CONTRACTOR WILL TURNOVER TO THE OWNER ALL "ORIGINAL INVOICE'S" SO THE OWNER CAN VERIFY THE "DATE OF PURCHASE" TO VALIDATE THE WARRANTEE TIME LIMIT. PRODUCTS INSTALLED THAT WERE NOT APPROVED BY THE OWNER OR ON THE ORIGINAL PLANS WILL BE ORDERED REMOVED AND REPLACED AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER; FINAL PAYMENT MAY BE WITHHELD UNTIL ALL PRODUCTS SPECIFIED HAVE BEEN PROPERLY INSTALLED.



IRRIGATION POINT OF CONNECTION

GEORGIA REGISTERED 9/5/2024 No. LA001294 LANDSCAPE ARCHITECT WHIT ALEXANDER

LOSE DESIGN SPACES FOR LIFE.

FAYETTE COUNTY PARKS & RECREATION
MULTI-USE FACILITY
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GEORGIA
FAYETTE COUNTY

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NOTES & SCHEDULES

PROJECT NO. 21091	DATE 9 / 6 / 2024
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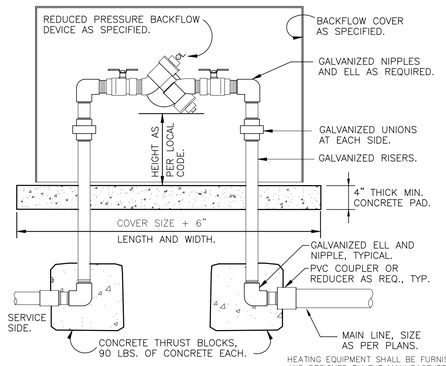
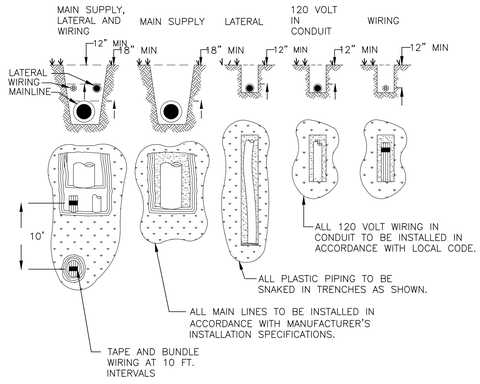
SAFE-T-COVER ENCLOSURE (1-800-245-6333)
MODEL 200S-AL WITH CHROMALOX-30 (HEAT CABLE) OR APPROVED EQUAL.



HEATING EQUIPMENT SHALL BE FURNISHED AND DESIGNED BY THE MANUFACTURER OF THE ENCLOSURE TO MAINTAIN AN INTERIOR TEMPERATURE OF +40°F WITH AN OUTSIDE TEMPERATURE OF -30°F. INSTALL HEATING EQUIPMENT AS PER MANUFACTURER'S INSTRUCTIONS AND GOVERNING LOCAL AND NATIONAL CODES.

1 RP BACKFLOW W/ENCLOSURE

1" = 1'-0" SITEBBQ-DG-24

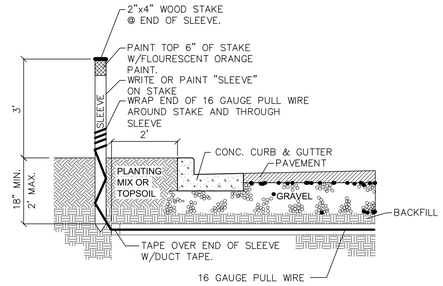


2 TYPICAL TRENCHING DETAILS

NTS

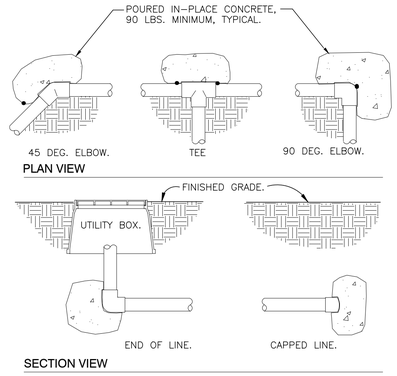
NOTE:

- ALL SLEEVES TO EXTEND 2' BEYOND BACK OF CURB ON EACH END.
- NO 90° OR 45° COUPLINGS TO BE USED ON SLEEVES.
- SLEEVES MUST BE STRAIGHT TO ALLOW PIPE TO BE INSERTED BY IRRIGATION CONTRACTOR.
- SLEEVES NOT INSTALLED AT PROPER DEPTH WILL BE REINSTALLED TO CONFORM TO DETAIL.
- CONTRACTOR TO VERIFY SLEEVE INTEGRITY PRIOR TO FINAL PAVING.
- CONTRACTOR MAY SUBSTITUTE MULTIPLE SMALL SLEEVES IN PLACE OF LARGER SLEEVES. SLEEVES NOT TO BE SMALLER THAN 2 (TWO) INCHES.
- IRRIGATION SLEEVES TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
- REFER TO SHEET LP2 FOR IRRIGATION DESIGN.



3 IRRIGATION SLEEVING DETAIL

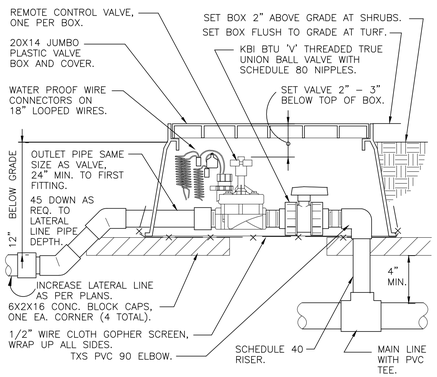
N.T.S.



THRUST BLOCK ALL FITTINGS ON LATERAL LINE PVC PIPE 2" AND ABOVE. POUR IN PLACE CONCRETE, 90 LBS MIN.

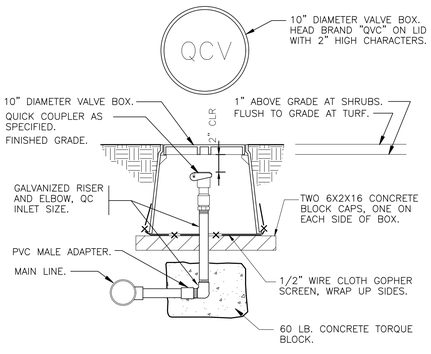
4 CONC. THRUST BLOCK FOR LATERAL LINES

1" = 1'-0" DETAIL-FILE



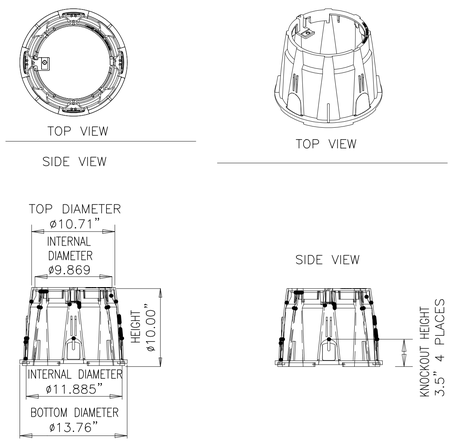
5 RCV WITH UNION S.O.V.

1 1/2" = 1'-0" SITEBBQ-DG-75



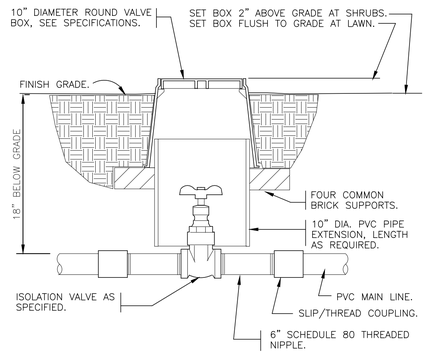
6 QUICK COUPLER VALVE IN BOX

1 1/2" = 1'-0" SITEBBQ-DG-13



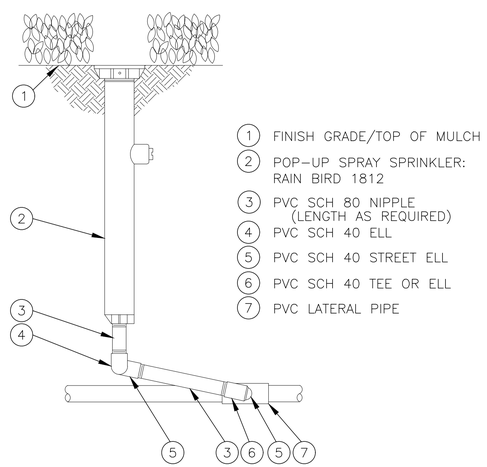
7 RAIN BIRD 10" ROUND VALVE BOX DIMENSIONS

N.T.S. SITEBBQ-DG-57

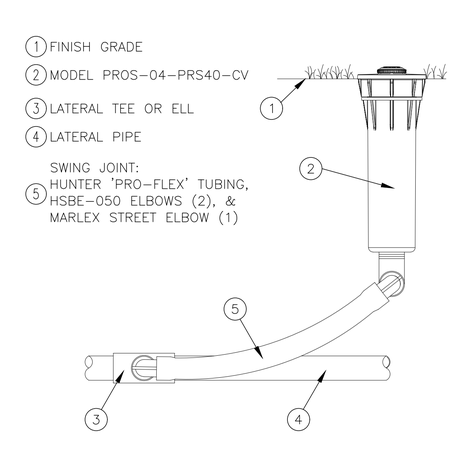


8 BRASS ISOLATION VALVE

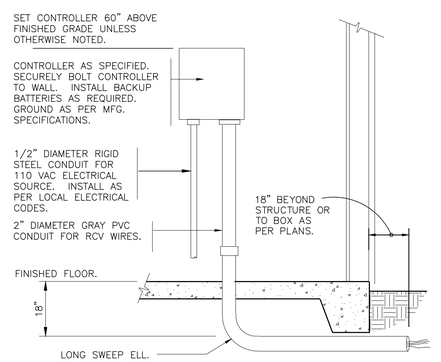
1 1/2" = 1'-0" 328406.33-01



9 POP-UP SPRAY SPRINKLER - 1812 W/SWING PIPE

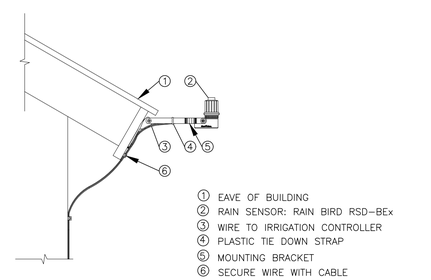


10 PROS-04-PRS40-CV - MP ROTATOR SPRINKLER



11 INTERIOR WALL MOUNT CONTROLLER

1" = 1'-0" SITEBBQ-DG-133



12 RAIN SENSOR RSD-BEX ROOF BRACKET

1" = 1'-0" SITEBBQ-DG-01

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