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# CONSTRUCTION PLANS

FOR

# SALEM PARK PARKING LOT

TAX PARCEL:16 044 03 003

LAND LOTS 353, 354, 355, 356, 367, 368, 3RD DISTRICT, 1ST SECTION



STANTEC CONSULTING SERVICES, INC.  
229 PEACHTREE ST NE #1900  
ATLANTA , GA 30303  
(P) - 770-358-8155  
CONTACT: STEPHEN HOPPER

## OWNER / DEVELOPER

CITY OF STONECREST  
3120 STONECREST BLVD #190  
STONECREST, GA 30338

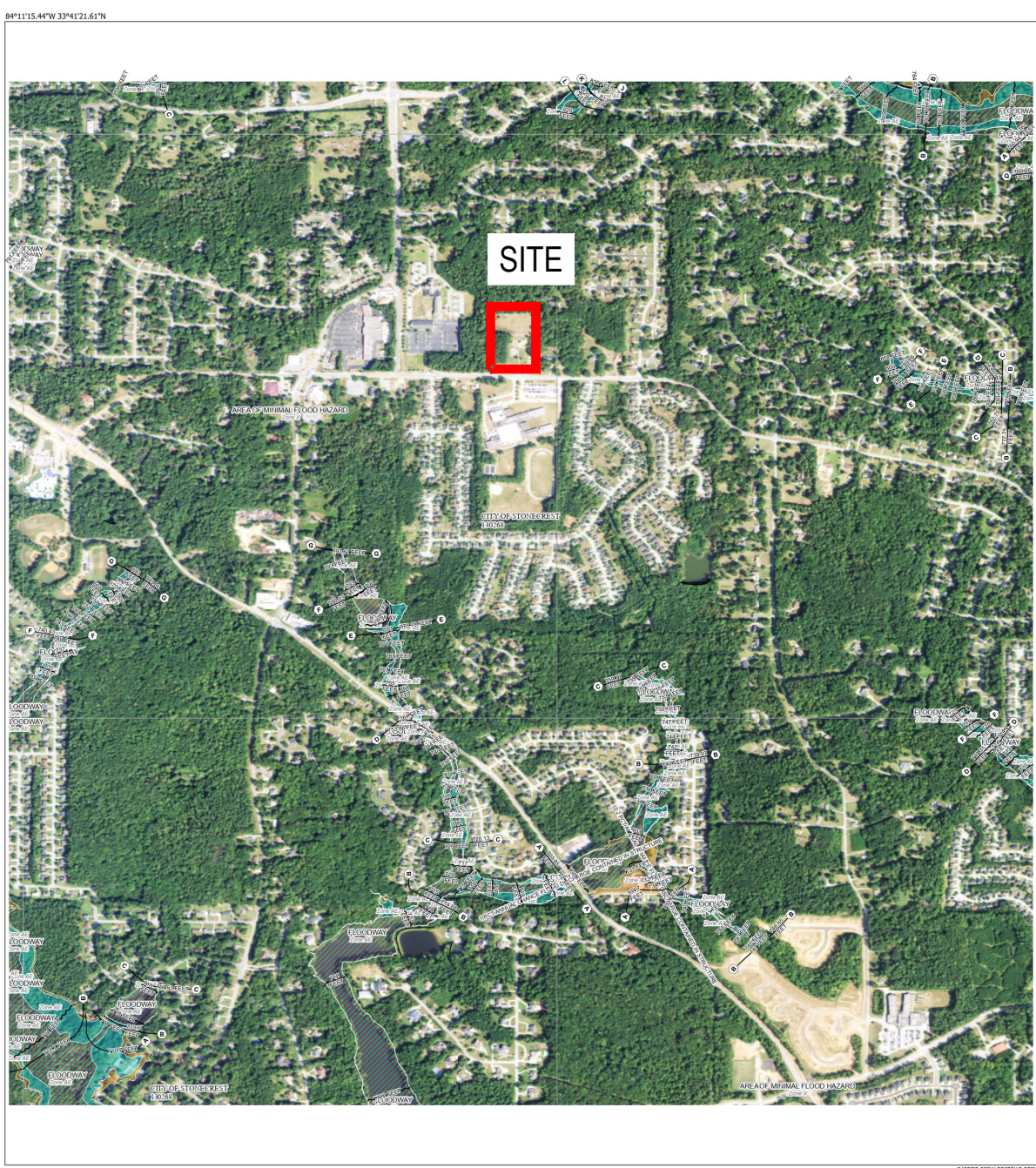
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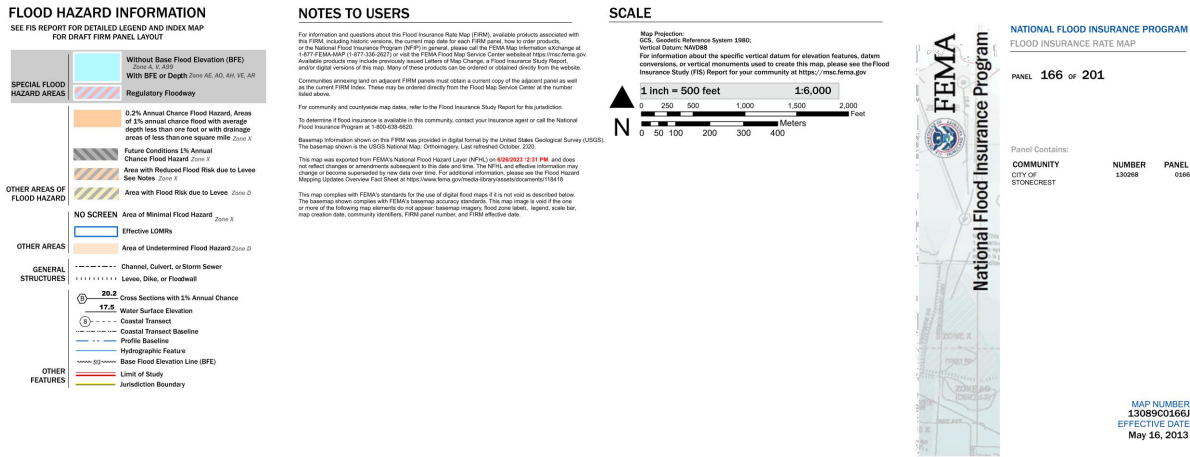
## REVIEWING AGENCY

JURISDICTION: CITY OF STONECREST, GA



## VICINITY MAP

NOT TO SCALE



### PROJECT DESCRIPTION:

THE PROJECT IS LOCATED IN STONECREST GA, IN SALEM PARK OFF OF SALEM ROAD. THE SCOPE OF THE PROJECT INCLUDES DEMOLISHING THE EXISTING PARKING LOT, INSTALLING A NEW PARKING LOT WITH 39 SPACES, AND CHANGES TO THE EXISTING DETENTION POND. TO THE NORTH AND EAST IS RESIDENTIAL LOTS. TO THE WEST IS RELIGIOUS INSTITUTIONS AND COMMERCIAL AREAS. TO THE SOUTH IS SALEM ROAD, EDUCATIONAL INSTITUTIONS AND ALSO RESIDENTIAL LOTS.

### CONSTRUCTION ENTRANCE LOCATIONS:

- CONSTRUCTION EXIT 1 LOCATED AT: N33.678628, W84.171820

### SITE DATA

**BOUNDARY:** BOUNDARY SURVEY AS SHOWN BY KCI, DATED JULY 5, 2023  
**TOPOGRAPHY:** FIELD RUN SURVEY BY KCI, DATED JULY 5, 2023  
**SITE AREA:** 11.37 AC  
**DISTURBED AREA:** 1.30 AC  
**TAX PARCEL ID:** 16 044 03 003  
**FLOOD INFO:** THIS SITE NOT NOT LOCATED WITHIN THE 100 YEAR FLOOD ZONE PER FEMA FLOOD PANELS # 13089C0166J, DATED MAY-16-2013.  
**EXISTING ZONING:** R-100

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### Consultant

DEVELOPER / CLIENT: CITY OF STONECREST

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### Permit/Seal



09/29/2023  
Client/Project Logo

Client/Project  
SALEM PARK - PARKING LOT DESIGN

SITE DEVELOPMENT

CITY OF STONECREST, GA

### Title

COVER SHEET

Project No. 215617717  
Revision Sheet Drawing No.

C-000



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GRADING NOTES:

- TOTAL SITE AREA = 11.37 AC, DISTURBED AREA = 1.30 AC
- ELEVATIONS ARE BASED ON MEAN SEA LEVEL.
- EXISTING CONDITIONS FROM FIELD RUN TOPOGRAPHY & BOUNDARY PREPARED BY KCI, DECEMBER 2, 2021.
- CONTOUR INTERVALS ARE 1.0 FEET.
- ALL TREE SAVE AREAS AND BUFFERS ARE TO BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- CLEARING AND GRUBBING: ON ALL AREAS WHERE GRADING, EXCAVATING AND FILL ARE TO BE DONE, ALL TIMBER BRUSH, STUMPS, ROOTS, RUBBISH AND ORGANIC MATERIALS SHALL BE REMOVED. STUMP HOLES SHALL BE FILLED WITH COMPACTED CLEAN SOIL. A MINIMUM OF SIX INCHES MUST BE CUT BELOW EXISTING GRADE FOR ENTIRE AREA RECEIVING FILL. STORM DETENTION MEASURES MUST BE ACCOMPLISHED CONCURRENT WITH THIS PHASE. REFER TO THE CURRENT EDITION OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL.
- ALL EARTHWORK OPERATION SHALL COMPLY WITH REQUIREMENTS OF OSHA CONSTRUCTION STANDARDS, PART 1926, SUBPART P, EXCAVATIONS, TRENCHING, AND SHORING, AND SUBPART O, MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS, AND SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO THE ENGINEER.
- FILL MATERIALS SHALL CONSIST OF CLEAN SOIL, FREE OF ORGANIC OR DELETERIOUS MATERIALS, ROCKS, OR BROKEN PIECES OF CONCRETE LARGER THAN THREE INCHES IN SIZE, OR OF ANY OTHER FOREIGN OBJECTS THAT COULD IMPEDE THE COMPACTION RESULTS.
- FILL MATERIALS SHALL BE SPREAD EVENLY IN HORIZONTAL LAYERS OF NOT MORE THAN 8 INCHES IN LOOSE LIFTS OVER THE FULL WIDTH OF FILL AND COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY BY STANDARD PROCTOR COMPACTION TEST ASTM D698.
- MAXIMUM CUT OR FILL SLOPES IS 2H:1V.
- GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS INTO STORM INLETS.
- SEE GEOTECHNICAL ENGINEER FOR RECOMMENDATIONS CONCERNING PROPER PLACEMENT AND COMPACTION OF STRUCTURAL FILL.
- THE SITE IS NOT LOCATED WITHIN ZONE A 100 YEAR FLOOD ZONE PER FEMA F.I.R.M. MAP 13089C0166J, EFFECTIVE MAY 16 2013.
- GRADE ALL HANDICAP RAMPS 12H:1V SLOPE MAXIMUM TO TOP OF CURB.
- ALL SPOT ELEVATIONS ARE FINISHED GRADE ELEVATIONS UNLESS OTHERWISE NOTED.
- STORM SEWER LINE SHALL BE AS FOLLOWS: CMP, FULLY COATED PER ASTM A444 OR ALUMINIZED TYPE I WITH REROLLED ENDS & BANDS, RCP, CLASS III PER AASHTO M170 AS INDICATED. UNLESS OTHERWISE NOTED.
- ALL CATCH BASINS ARE TO BE PER GDOT STANDARDS.
- THE INSTALLATION OF ALL EROSION CONTROL MEASURES AND DETENTION FACILITIES SHOULD BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- COMPACTION OF ALL FILL MATERIAL BETWEEN THE FRONT AND REAR BUILDING LINES TO BE 95% STANDARD PROCTOR MUST BE CERTIFIED BY GEORGIA REGISTERED PROFESSIONAL SOILS ENGINEER PRIOR TO THE INSTALLATION OF CURB. THIS CERTIFICATION WILL BE SUBMITTED TO THE CHIEF OF DEVELOPMENT INSPECTIONS. LOTS WITH TWO (2) OF FILL OR GREATER, AS DELINEATED ON THE CONSTRUCTION PLANS WILL REQUIRE A COMPACTION CERTIFICATION PRIOR TO ISSUANCE OF BUILDING PERMITS. THE ENGINEER WILL ALSO PROVIDE A LETTER LISTING THOSE LOTS THAT REQUIRE COMPACTION CERTIFICATION. THOSE LOTS THAT REQUIRE COMPACTION CERTIFICATION WILL BE INDICATED ON THE FINAL RECORDED PLAT.
- SATISFACTORY SOILS FOR STRUCTURAL FILL ARE AS FOLLOWS: SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP, AND SM ACCORDING TO ASTM D 2487, OR A COMBINATION OF THESE GROUPS; FREE FROM ROCK OR GRAVEL LARGER THAN 2 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER. LIQUID LIMIT: 40. PLASTICITY INDEX: A) UPPER FOUR FEET UNDER A BUILDING AND PAVEMENTS AND TWENTY FEET OUTSIDE: LESS THAN 12, B) BELOW UPPER FOUR FEET UNDER A BUILDING AND PAVEMENTS: LESS THAN 20. C) AREAS TWENTY FEET OUTSIDE BUILDING AND PAVEMENT AREAS: LESS THAN 30.

EROSION CONTROL NOTES:

- SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE OF THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATION, LATEST EDITION.
- ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS TO PREVENT THE RELEASE OF SILT FROM THE SITE.
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE.
- THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OFF SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES, 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 SHALL OCCUR INSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
- IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
- THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROLS WILL BE MAINTAINED UNTIL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
- THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION AND DETENTION FACILITIES ARE CONSTRUCTED.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. IF SEDIMENT PONDS ARE DEEMED NECESSARY, CONTRACTOR SHALL CLEAN OUT EACH AS REQUIRED BY ENGINEER OR GWINNETT COUNTY INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE UTILIZED FOR EROSION CONTROL.
- FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN A POSSIBILITY OF ALL CONSTRUCTION BEING STOPPED ON JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO CURRENT STDs.
- ALL SEWER EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION.
- ALL OPEN SWALES MUST BE GRASSED, AND RIP-RAP MUST BE PLACED AS REQUIRED TO CONTROL EROSION. A MINIMUM OF 4.5 SQUARE YARDS OF 50 LB STONES SHALL BE PLACED AT ALL DOWNSTREAM HEADWALLS IMMEDIATELY UPON THE INSTALLATION OF PIPES AND DRAINAGE DITCHES.
- SILT BARRIERS TO BE PLACED DOWNSTREAM OF ALL FILL SLOPES.

UTILITY NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE SPECIFICALLY RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES THAT MIGHT HAVE EXISTING UTILITIES ON SITE TO DETERMINE IF ANY EXIST AND HOW TO HANDLE. ENGINEER IS NOT RESPONSIBLE FOR EXISTENCE OR LOCATION OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR COORDINATING WITH THEM REGARDING UTILITY LOCATIONS, CONSTRUCTION AND SCHEDULES.
- ALL CONNECTIONS TO EXISTING UTILITIES AND ALL UTILITY INSTALLATIONS SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES.
- NEW TESTING IS REQUIRED FOR UTILITIES PER CITY OF STONECREST STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED, TO TV INSPECTION AND PRESSURE TESTING FOR SANITARY SEWER LINES AND MANHOLES. PRESSURE TESTING AND RECHLORINATION IS REQUIRED FOR THE WATER SYSTEM. ALL TESTING SHALL BE PER CITY OF STONECREST STANDARDS.
- SANITARY SEWER SHALL BE AS INDICATED: EITHER PVC, SDR 26 PER ASTM D3034 OR CLASS 50 DUCTILE IRON PIPE PER AWWA C150, PER CITY OF STONECREST SPECIFICATIONS. 6" OR 8" WATER PIPE SHALL BE DUCTILE IRON CLASS 50 AWWA C151 UNLESS OTHERWISE SPECIFIED AND SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT CITY OF STONECREST STANDARDS. WATER LINES SMALLER THAN 6" SHALL BE EITHER COPPER TUBE TYPE "K" (SOFT) PER ANSI B16.22.
- FOR GRADING AND DRAINAGE INFORMATION, SEE GRADING AND DRAINAGE PLAN.
- EXISTING SERVICES SHOWN WERE OBTAINED FROM AS BUILTS BY OTHERS AND ARE TO BE FIELD VERIFIED BY THE CONTRACTOR.
- AT COMPLETION OF SEWER AND WATER CONSTRUCTION, ALL MANHOLES, VALVE BOXES, METERS AND APPURTENANCES SHALL BE SET FOR PROPER FINISH GRADE AND SHALL BE NOTICEABLY STAKED AND FLAGGED. SITE UTILITY SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE ABOVE ITEMS UNTIL SYSTEM IS ACCEPTED BY OWNER.
- HYDRANTS AND MAINS SHALL BE INSTALLED AND UNDER PRESSURE BEFORE ANY COMBUSTIBLE CONSTRUCTION IS STARTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FORTY EIGHT INCHES (48") OF COVER OVER THE PROPOSED WATER MAINS AND EIGHTEEN INCHES (18") OF VERTICAL SEPARATION FROM OTHER UTILITIES, WHERE LIMITED ROOM EXISTS ABOVE STORM OR SANITARY SEWERS, WATER LINE SHALL BE CONSTRUCTED UNDERNEATH AT THOSE LOCATIONS, MAINTAINING THE EIGHTEEN INCH (18") SEPARATION REQUIREMENT. ALL UTILITY REQUIREMENTS WILL BE COMPLIED WITH AT CROSSINGS. ADDITIONALLY, A 10' HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATER AND SANITARY SEWER LINES.
- ALL SANITARY SEWER DUCTILE IRON PIPE SHALL HAVE PUSH-ON JOINTS PER AWWA C111.
- RIGID PIPE BEDDING SHALL BE PER ASTM C-1479, FLEXIBLE PIPE BEDDING PER ASTM D-2321.
- IRRIGATION WATER SERVICE SHALL BE IN METER BOX WITH BACKFLOW PREVENTOR PER JURISDICTIONAL REQUIREMENTS.
- SEE DETAIL SHEETS FOR UTILITY DETAILS.
- ALL WATER LINE CONSTRUCTION SHALL BE TO CITY OF STONECREST SPECIFICATIONS.
- ALL BACKFILL IN STREETS AND PARKING AREAS FOR PUBLIC SANITARY SEWER MAINS SHALL BE APPROVED BANK-RUN SAND OR GRAVEL OR CRUSHED STONE FREE FROM LARGE STONES AND CONTAINING NOT MORE THAN 10% BY WEIGHT OF LOAM OR CLAY.
- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS SET FORTH IN CITY OF STONECREST DEVELOPMENT REGULATIONS FOR ALL UTILITY INSTALLATIONS.

GENERAL NOTES:

- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS THAT ARE PERTINENT TO THIS WORK.
- AREAS OUTSIDE THE PROJECT LIMITS ARE DESIGNATED AS RESTRICTED AREAS. THE CONTRACTOR'S FORCES ARE PROHIBITED FROM ENTERING RESTRICTED AREAS AT ANY TIME, UNLESS SPECIFICALLY AUTHORIZED BY THE ADJACENT OWNER.
- THE CONTRACTOR SHALL CONTROL DUST AND DEBRIS FROM HIS OPERATION TO A LEVEL ACCEPTABLE TO THE COUNTY AT ALL TIMES. THE CONTRACTOR SHALL HAVE ON THE PROJECT SITE: VACUUM SWEEPERS, WATERING TRUCKS, AND OTHER EQUIPMENT NECESSARY TO CONTROL DUST AT ALL TIMES. ALL METHODS FOR CONTROLLING DUST SHALL BE SUBJECT TO THE COUNTY'S APPROVAL. FAILURE TO PROPERLY CONTROL DUST OR TO RESPOND TO ANY REQUEST TO DO SO WILL RESULT IN CONSTRUCTION ACTIVITIES BEING STOPPED.
- ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA AS SHOWN ON THE PHASED EROSION CONTROL PLAN.
- THE ROADS USED BY THE CONTRACTOR FOR ACCESS OR HAULING SHALL BE KEPT CLEAN AND ACCESSIBLE TO ALL OTHER TRAFFIC FOR THE ENTIRE DURATION OF THE PROJECT. HAUL TRUCKS MUST BE COVERED AND ANY SPILLAGE OR DEBRIS BUILDUP PROMPTLY REMOVED FROM ALL HAUL ROUTES ON AIRPORT AND PUBLIC ROADS.

MATERIAL NOTES:

- PRECAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION. ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I.

TRAFFIC CONTROL NOTES:

- THIS WORK CONSISTS OF PROVIDING MAINTENANCE OF TRAFFIC CONTROL DEVICES INCLUDING FLAGMEN TO INSURE ROADWAY SAFETY BY PROVIDING FOR SAFE ORDERLY AND PREDICTABLE MOVEMENT OF TRAFFIC THROUGH ALL ADJACENT PUBLIC ROADS AND THE AREAS TO BE CONSTRUCTED. ALL TRAFFIC CONTROL DEVICES SHALL BE AS REQUIRED BY THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, STATE AND LOCAL AGENCIES, OR AS SHOWN BY THE CONSTRUCTION DRAWINGS, WHICHEVER IS MORE STRINGENT.
- CONTRACTOR SHALL SUBMIT TO ENGINEER FOR HIS APPROVAL A COMPREHENSIVE PLAN DETAILING HOW TRAFFIC WILL BE MAINTAINED UNDER THIS CONTRACT. CONSTRUCTION AFFECTING TRAFFIC SHALL NOT COMMENCE UNTIL THIS PLAN IS APPROVED.
- THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL REQUIRED DEVICES, INCLUDING BUT NOT LIMITED TO: SIGNAGE, STRIPING, FLAGGER LOCATIONS, BARRELS, AND CONES TO MEET THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). TAPER LENGTHS, DISTANCES BETWEEN TRAFFIC CONTROL MEASURES, AND DIMENSIONS BETWEEN SIGNS MUST BE SHOWN.



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	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit/Seal



09/29/2023  
Client/Project Logo

Client/Project  
SALEM PARK - PARKING LOT DESIGN

SITE DEVELOPMENT

CITY OF STONECREST, GA

Title

GENERAL NOTES

Project No. 215617717	Scale
Revision	Sheet
	Drawing No.

C-001



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Client/Project  
SALEM PARK - PARKING LOT DESIGN

SITE DEVELOPMENT

CITY OF STONECREST, GA

Title  
LEGENDS

Project No. 215617717	Scale
Revision	Sheet
	Drawing No.

C-002

LEGAL / BOUNDARY LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY BOUNDARY	---
---	LOT LINE	---
---	EASEMENT LINE	---
---	SETBACK LINE	---
---	RIGHT OF WAY LINE	---
---	SECTION LINE	---
---	QUARTER LINE	---

SITE / MISC. LEGEND

EXISTING	DESCRIPTION	PROPOSED
+	RAILROAD TRACK	+
X	FENCE LINE	X
o	GUARD RAIL	o
o	RETAINING WALL	o
hatched	BUILDING	hatched
---	DITCH CENTERLINE	---
---	WETLAND BOUNDARY	---
hatched	WETLAND	hatched
.	SIGN	.
o	BOLLARD/POST	o
o	UTILITY POLE	o
o	ANCHOR CABLE	o
o	LIGHT POLE	o
o	DECORATIVE LIGHT	o
o	ANTENNA	o
o	BENCH	o
o	AIR CONDITIONER	o
o	SOIL BORING	o
o	MAILBOX	o
o	HANDICAP PARKING SPACE	o
o	RAILROAD CROSSING SIGNAL	o
o	STOP LIGHT	o
o	HAND HOLE	o
o	PARKING COUNT	o

GRADING / TOPOGRAPHY LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	MINOR CONTOUR	---
---	MAJOR CONTOUR	---
---	GRADING LIMITS	---
---	CONSTRUCTION LIMITS	---
o	SPOT ELEVATION	o
---	SURFACE GRADE & FLOW DIRECTION	---
---	SURFACE SLOPE (H:V) & FLOW DIRECTION	---

PAVEMENT LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	EDGE OF PAVEMENT / GRAVEL	---
---	ROAD CENTERLINE	---
---	CURB AND GUTTER	---
---	TIP-OUT CURB AND GUTTER	---
hatched	CONCRETE PAVEMENT	hatched
hatched	HEAVY DUTY CONCRETE PAVEMENT	hatched
hatched	BITUMINOUS PAVEMENT	hatched
hatched	LIGHT DUTY BITUMINOUS PAVEMENT	hatched
hatched	HEAVY DUTY BITUMINOUS PAVEMENT	hatched
hatched	GRAVEL SURFACE	hatched

UTILITY LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	STORM SEWER	---
---	SANITARY SEWER	---
---	FORCEMAIN	---
---	WATERMAIN	---
---	IRRIGATION LINE	---
---	UNDERGROUND GAS LINE	---
---	UNDERGROUND COMMUNICATION LINE	---
---	UNDERGROUND FIBER OPTIC LINE	---
---	UNDERGROUND ELECTRIC LINE	---
---	OVERHEAD UTILITY LINE	---
o	DRAINTILE	o
o	PIPE CASING	o
o	SANITARY MANHOLE	o
o	CLEANOUT	o
o	STORM SEWER MANHOLE	o
o	STORM SEWER INLET	o
o	FLARED END SECTION	o
o	CURB STOP	o
o	HYDRANT	o
o	WATER VALVE	o
o	REDUCER	o
o	FIRE DEPARTMENT CONNECTION	o
o	WATER WELL	o
o	AUTO SPRINKLER	o
o	POST INDICATOR VALVE	o
o	WATER METER	o
o	SPRINKLER HEAD	o
o	IRRIGATION CONTROL VALVE	o
o	GAS MARKER	o
o	GAS VALVE	o
o	GAS METER	o
o	COMMUNICATIONS PEDESTAL	o
o	TELEPHONE MANHOLE	o
o	ELECTRICAL PEDESTAL	o
o	ELECTRIC METER	o
o	TRANSFORMER	o
o	ELECTRIC MANHOLE	o

VEGETATION / LANDSCAPING LEGEND

EXISTING	DESCRIPTION	PROPOSED
o	TREE LINE	o
o	STUMP	o
o	SHRUB/PERENNIAL PLANT	o
o	DECIDUOUS TREE	o
o	CONIFEROUS TREE	o
o	ORNAMENTAL TREE	o
o	ROCK MULCH	o
o	WOOD MULCH	o
o	SEED	o
o	SOD	o
o	75' IMPERVIOUS SETBACK	o
o	CREEK SETBACK	o
o	WETLAND LIMITS	o
o	CREEK CENTERLINE	o
o	WETLAND	o
o	WATER	o

REMOVALS LEGEND

DESCRIPTION	PROPOSED
REMOVE EXISTING BUILDING	hatched
CLEAR AND GRUB AREA	hatched
REMOVE TREE/SHRUB/STUMP	hatched
SAWCUT & REMOVE CURB AND GUTTER AT HEADER CURB LOCATION	hatched
REMOVE & SALVAGE SIDEWALK PAVERS	hatched
REMOVE ASPHALT PAVEMENT	hatched
REMOVE CONCRETE PAVEMENT	hatched
SAWCUT PAVEMENT	hatched

EROSION CONTROL LEGEND

DESCRIPTION	PROPOSED
ROCK CONSTRUCTION EXIT	hatched
EROSION CONTROL BLANKET	hatched
TURF REINFORCEMENT MAT	hatched
SEED	hatched
SOD	hatched
RIPRAP	hatched
VEGETATED RIPRAP	hatched
SILT FENCE	hatched
FLOTATION SILT CURTAIN	hatched
BIOLOG (OR DITCH CHECK)	hatched
INLET PROTECTION	hatched
HAY BALES	hatched
CULVERT PROTECTION	hatched
TREE PROTECTION	hatched
TEMPORARY DIVERSION DITCH	hatched
TEMPORARY SEDIMENT TRAP DISCHARGE	hatched





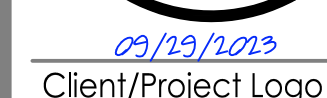


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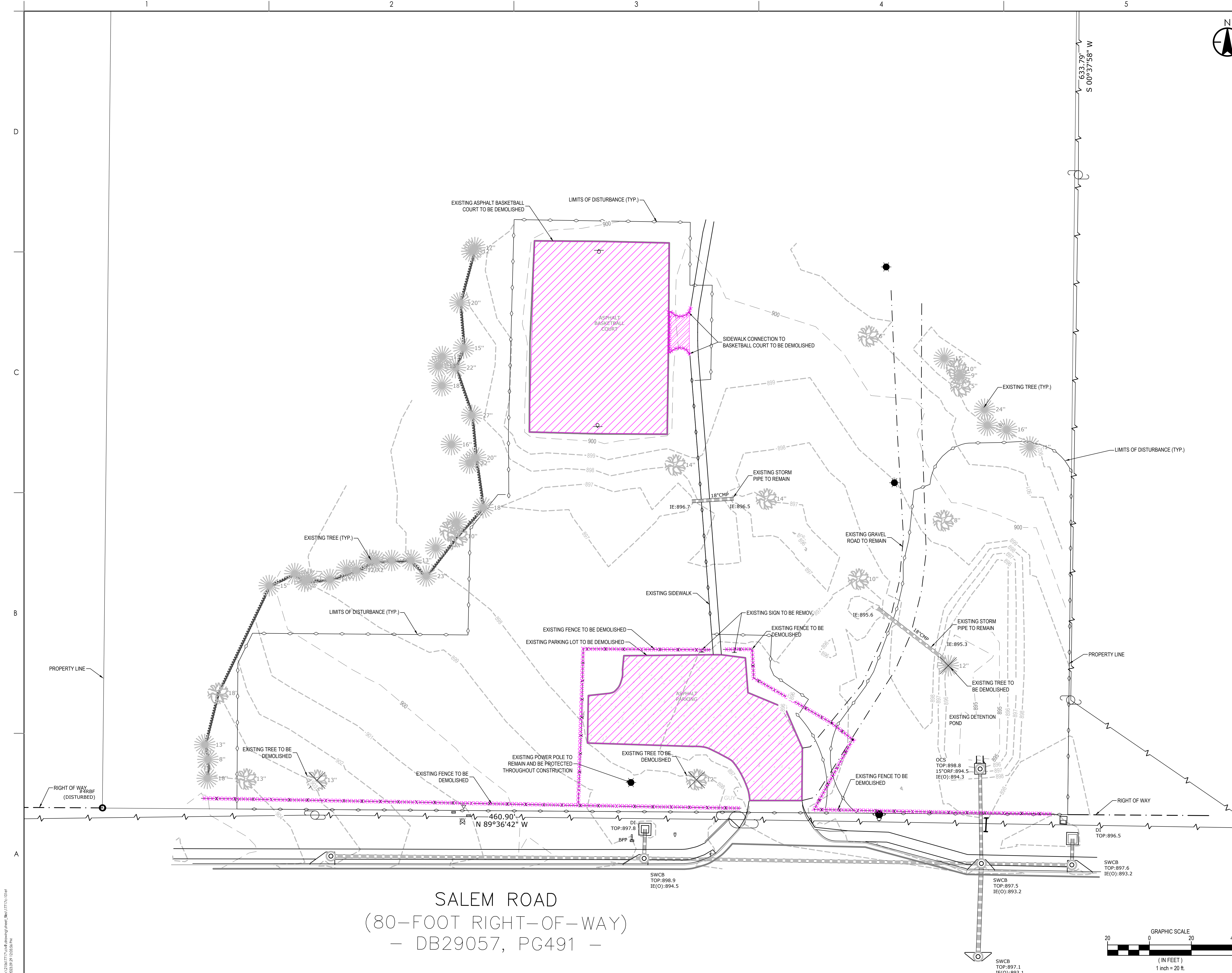
Consultant

CONTACT: HARI KARIKARAN

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Project No. 215617717		Scale
Revision	Sheet	Drawing No.







Revision	By	Appd	YYYY.MM.DD
Issued	By	Appd	YYYY.MM.DD
File Name: 17717C-200SP			2023.09.29
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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09/29/2023  
Client/Project Logo

Client/Project  
SALEM PARK - PARKING LOT DESIGN

## SITE DEVELOPMENT

CITY OF STONECREST, GA

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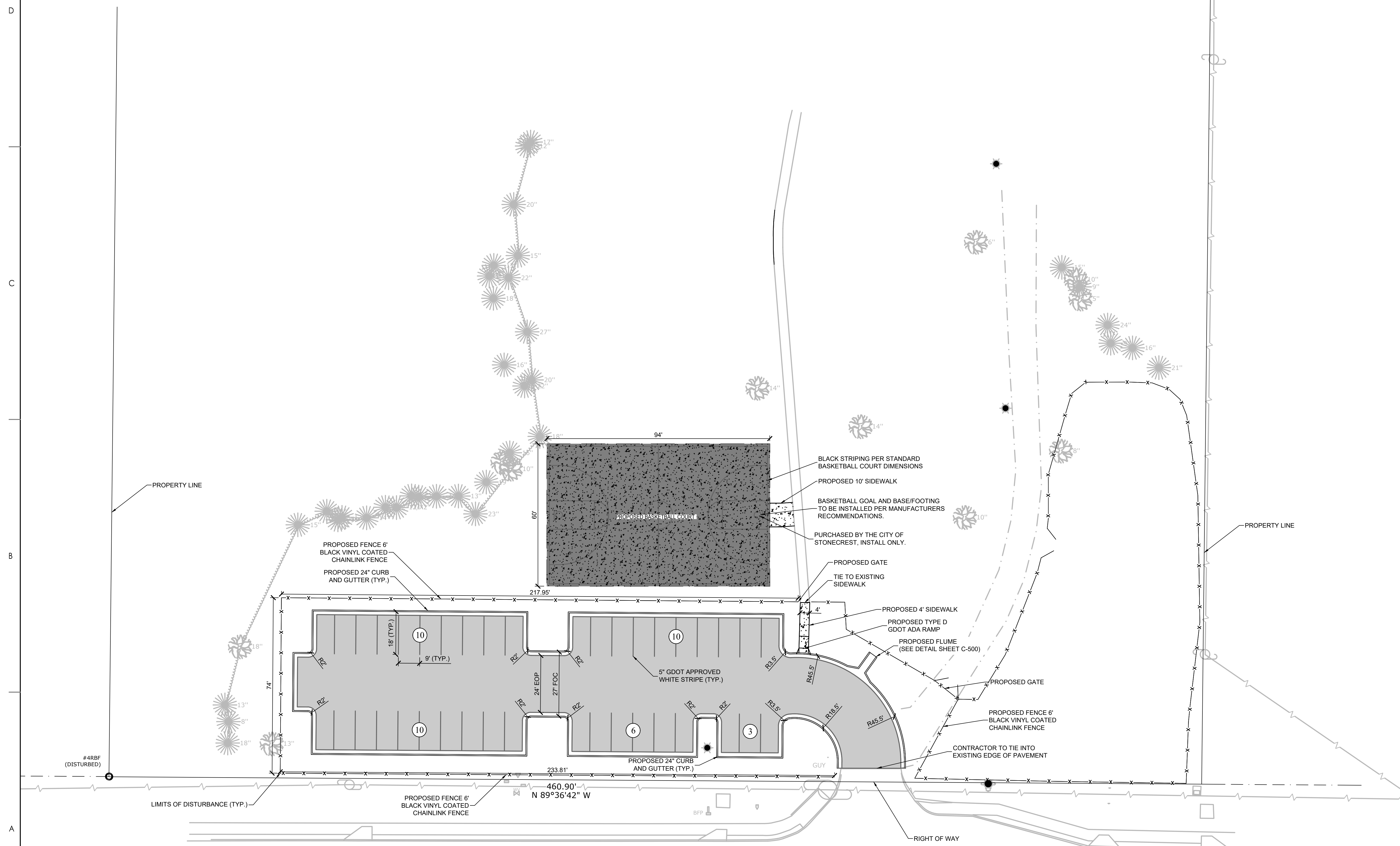
Title

## SITE PLAN




Project No. 215617717	Scale
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Revision	Sheet	Drawing No.
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C-200

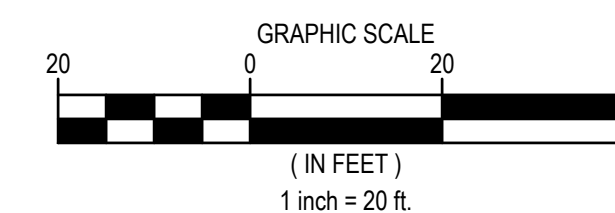


SALEM ROAD  
(80-FOOT RIGHT-OF-WAY)  
- DB29057, PG491 -

HATCH LEGEND	
SIDEWALK CONCRETE, 3,000 PSI	
ASPHALT	
BASKETBALL COURT CONCRETE 6" THICK 3,000PSI	

NOTES:

- 39 PROPOSED PARKING SPACES





1. PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
2. SEE PROFILE SHEET FOR STORM SEWER PROFILES OF ALL LABELED STORM LINES.
3. MAXIMUM NEW CUT/FILL SLOPE IS 2H:1V.
4. MATCH EXISTING GRADE AT THE INTERFACE BETWEEN NEW AND EXISTING SURFACES.
5. NOTIFY ENGINEER IMMEDIATELY IF DESIGN GRADIES DIFFER.
6. CLEAN AND FLUSH EXISTING STORM STRUCTURE AND/OR LINE. CONTRACTOR SHALL REMOVE ALL DEBRIS & SEDIMENT WITH VACUUM TRUCK & REMOVE FROM SITE. DO NOT FLUSH DEBRIS OR SEDIMENT DOWNSTREAM.
6. PROVIDE 1/2" PER FOOT CROSS SLOPE FOR ALL CROWNED DRIVEWAYS.
7. ADJUST THE TOPS OF ALL EXISTING STORM STRUCTURES TO FINAL GRADE.
8. CONTRACTOR SHALL PROVIDE PROPER DRAINAGE, GUTTERVAL, AND/OR CURB & GUTTER WITH EXISTING AT ALL CONNECTION POINTS. PROVIDE SEALANT AT ALL JOINTS BETWEEN EX. AND PROPOSED ASPHALT PAVEMENTS TO PROVIDE A SMOOTH & SEAMLESS TRANSITION.
9. THE INSTALLATION OF ALL EROSION CONTROL MEASURES AND DETENTION FACILITIES SHALL BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.



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Client/Project  
SALEM PARK - PARKING LOT DESIGN

## SITE DEVELOPMENT

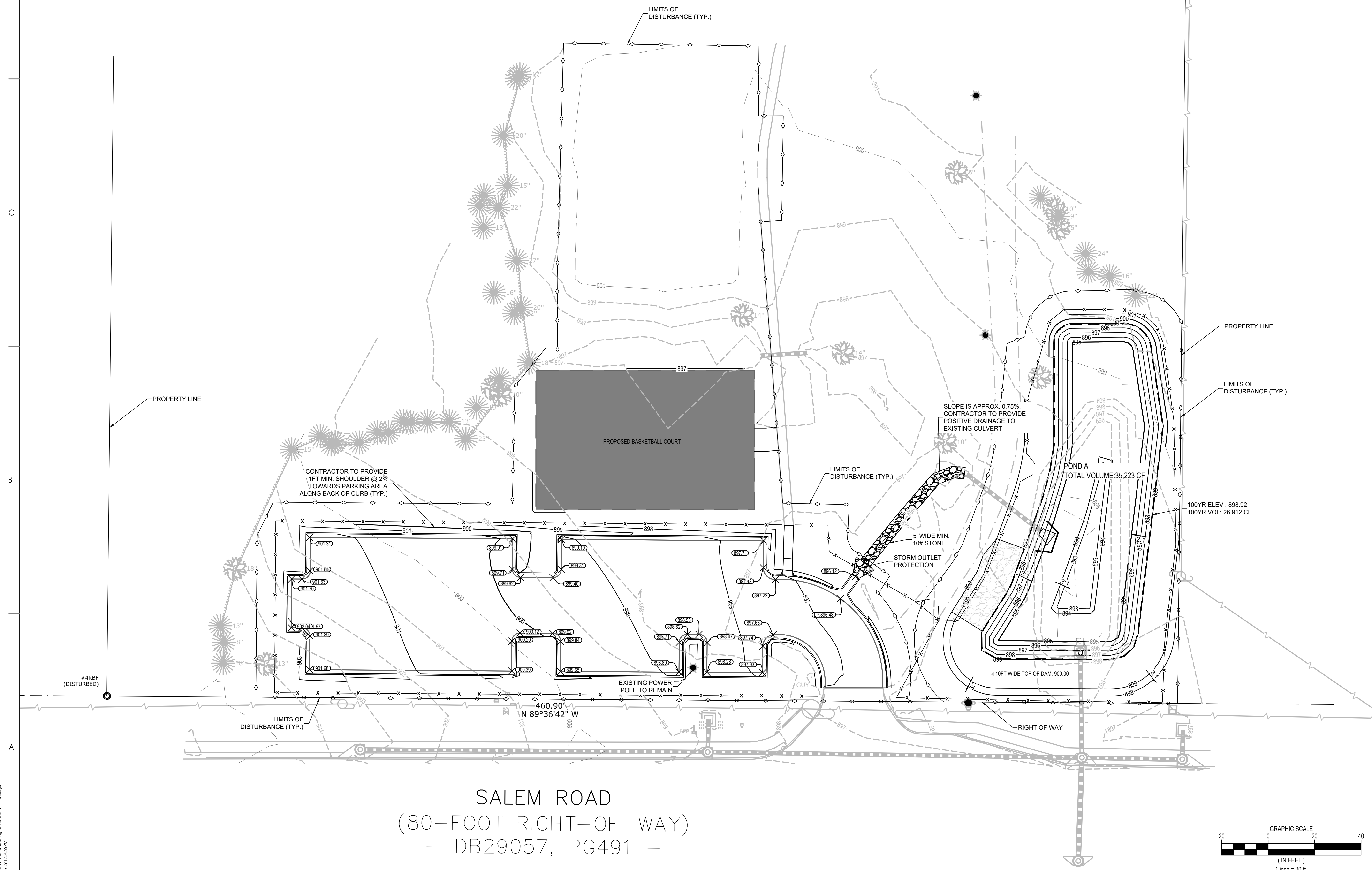
CITY OF STONECREST, GA

Title

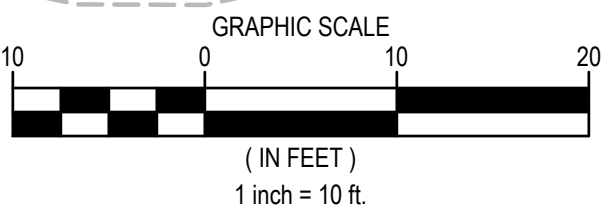
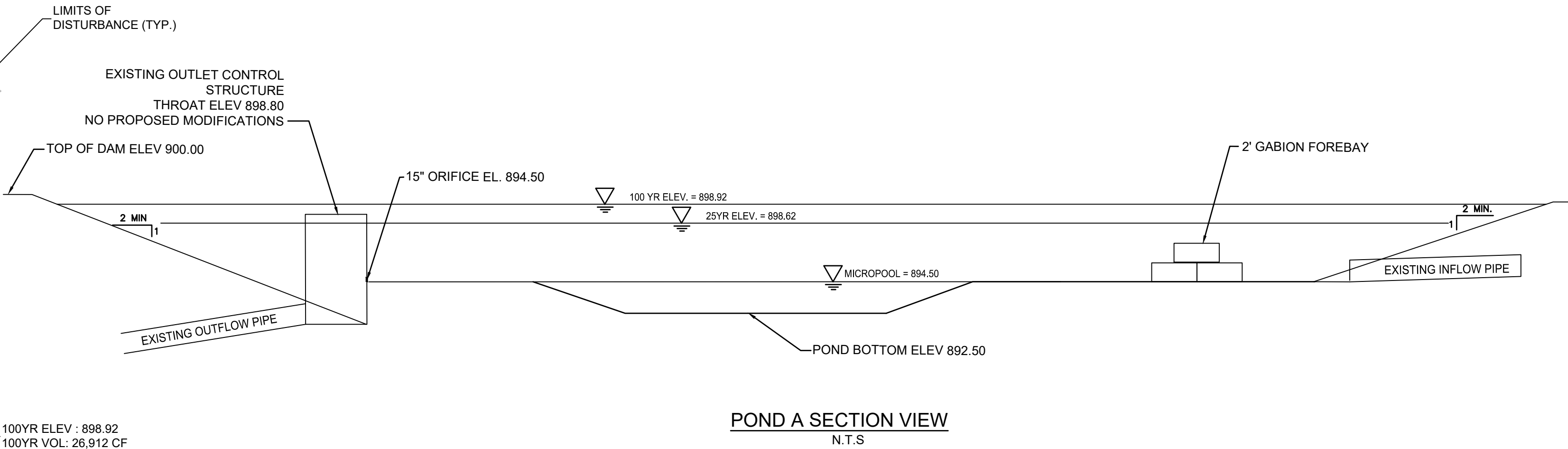
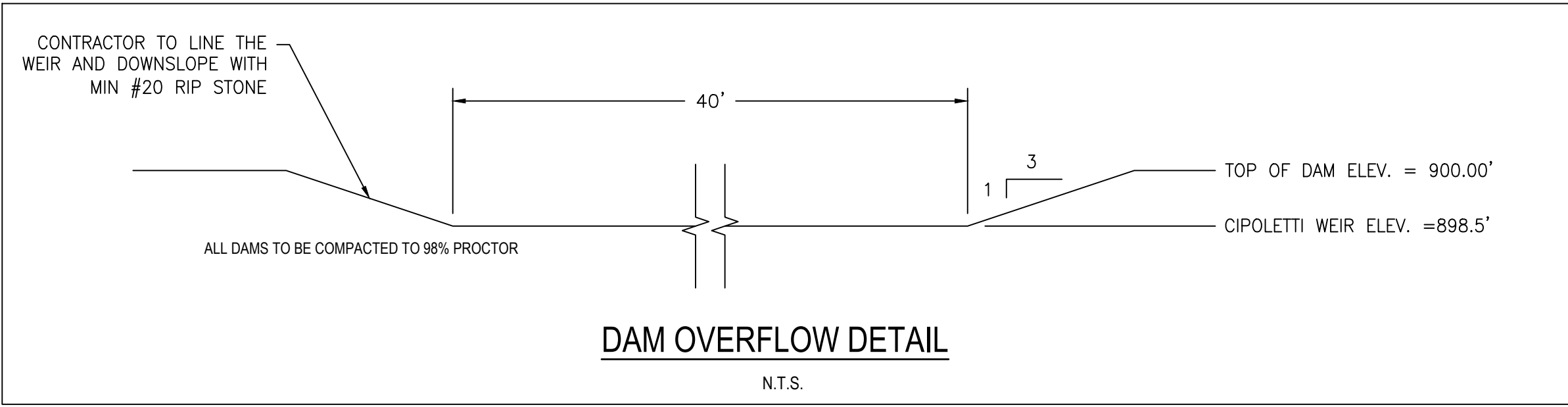
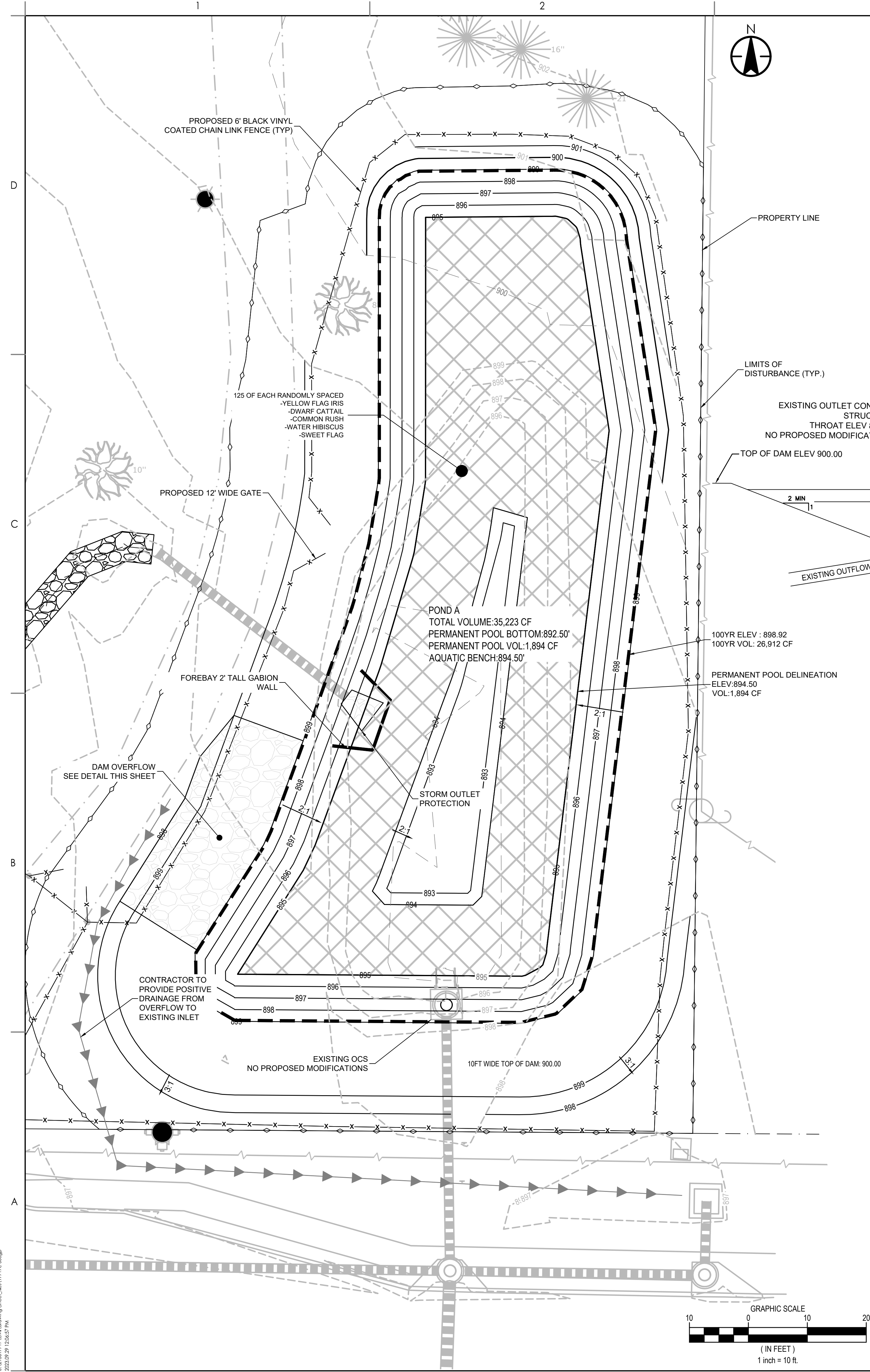
GRADING PLAN & UTILITY PLAN

Project No. 215617717		Scale
Revision	Sheet	Drawing No.

# C-300







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SALEM PARK - PARKING LOT DESIGN

SITE DEVELOPMENT

CITY OF STONECREST, GA

Title  
POND DETAIL SHEET

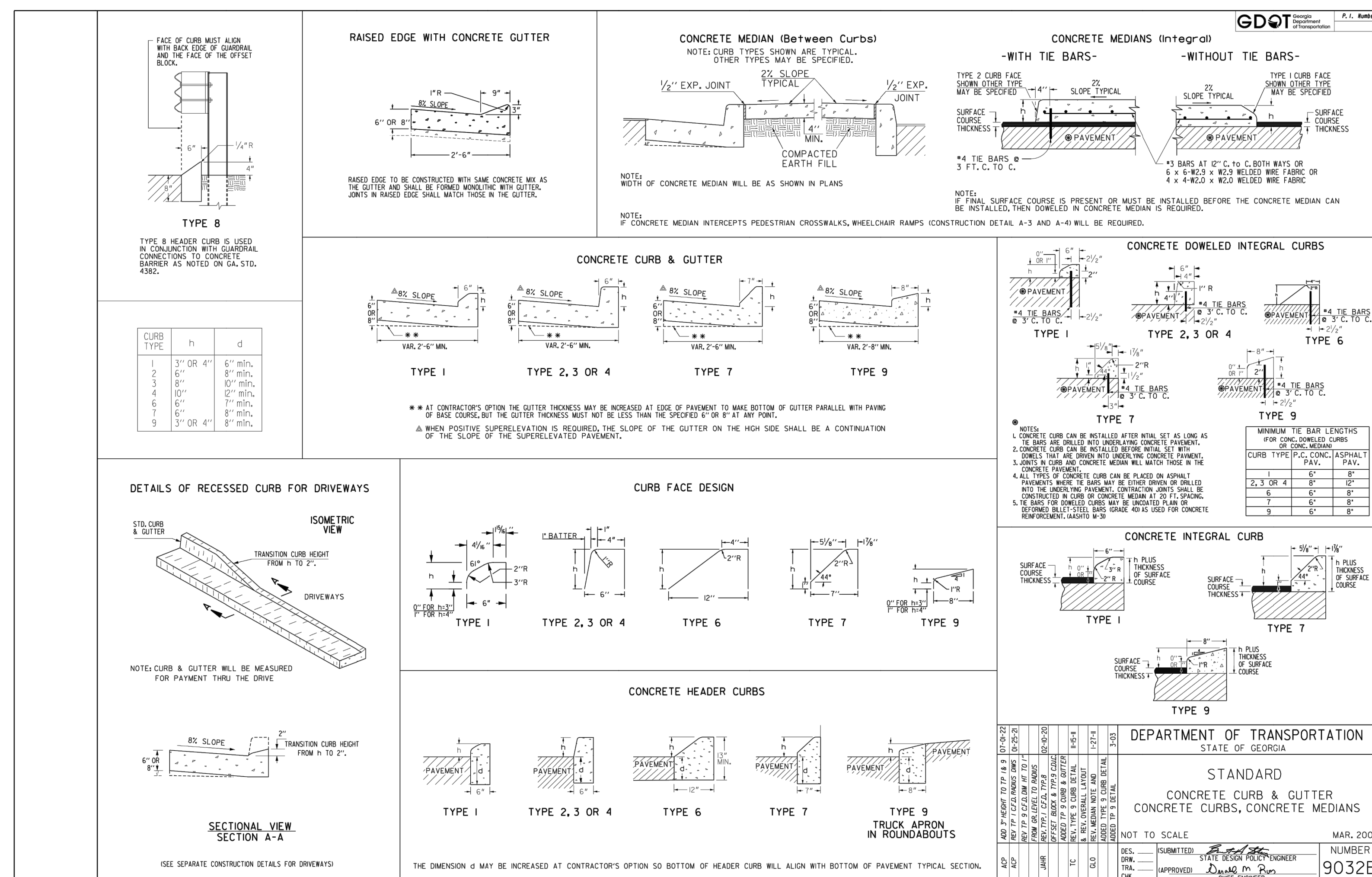
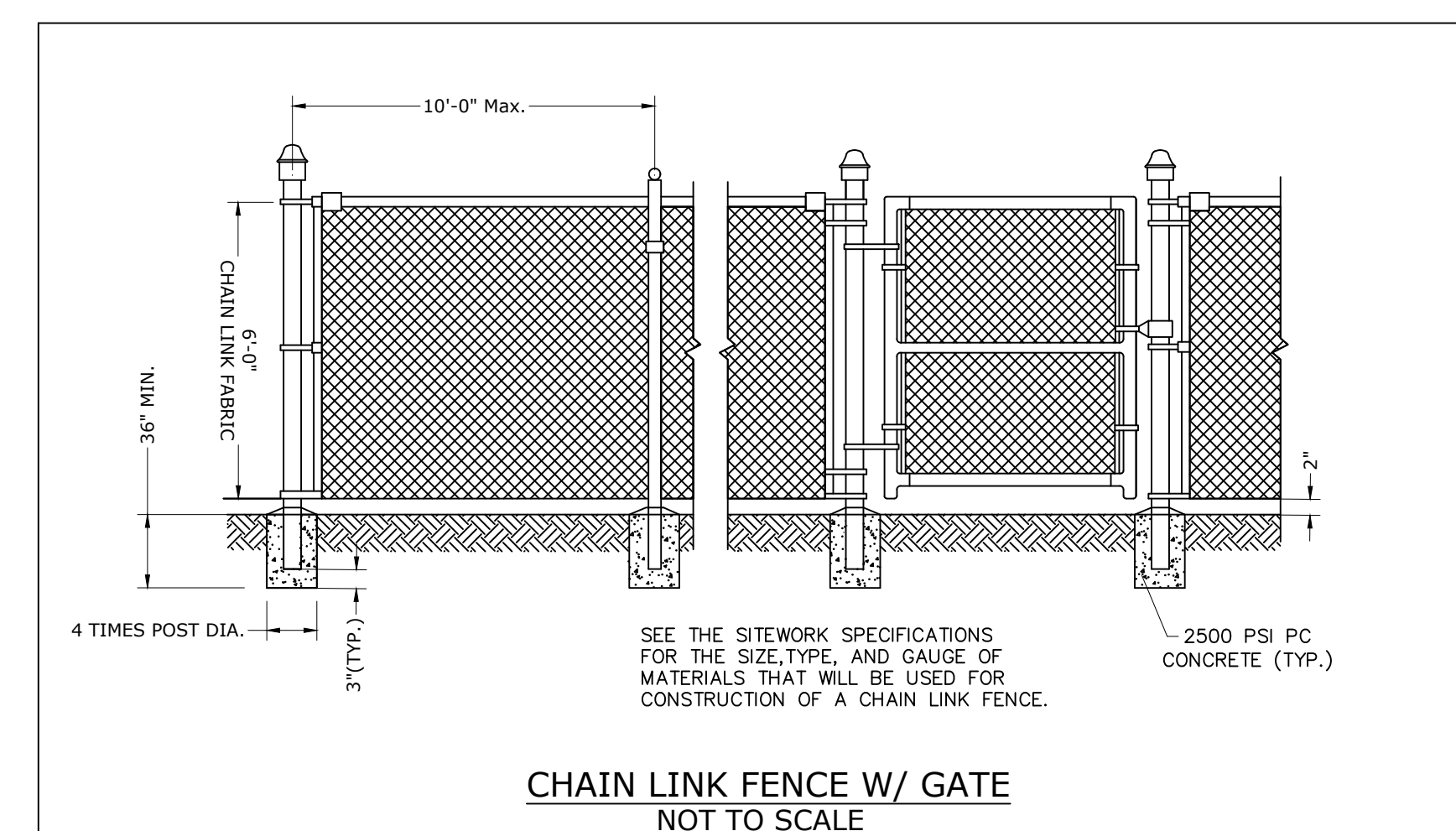
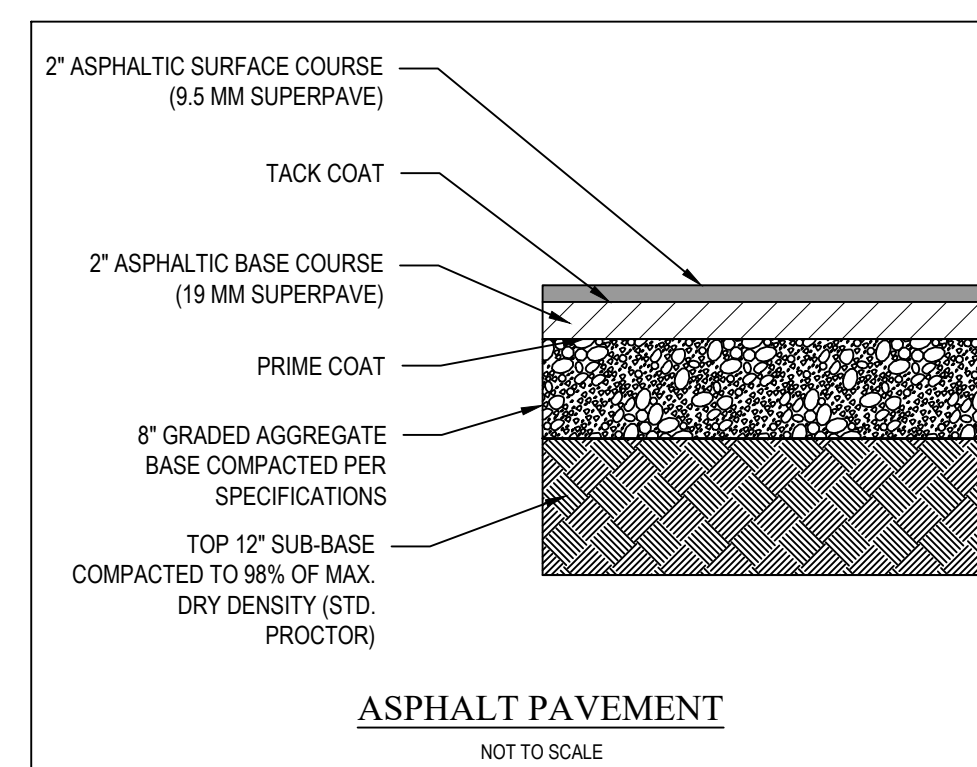
Project No. 215617717 Scale  
Revision Sheet Drawing No.



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File Name: 17717-C:500DT			2023.09.29
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Revision	Sheet	Drawing No.





CLEARING PHASE EROSION CONTROL NOTES:

1. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS SHOWN FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING NECESSARY VARIANCES AND PERMITS.
2. 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 ENSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY AS NEEDED TO INSTALL THE INITIAL BMP'S AND AS DESCRIBED IN THE PLANS.
3. THE OWNER AGREES TO PROTECT 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. 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.
4. PRIOR 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 ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
5. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.
6. THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
  - 6.1. THE CONSTRUCTION EXIT, CONSISTING OF A MINIMUM PAD SIX OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLAN AND AS DETAILED IN MANUAL FOR EROSION CONTROL IN GEORGIA. THE STONE SIZE SHOULD CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3 1/2" IN DIAMETER AND OVERLAP ON A GEOTEXTILE UNDERLINER. THE GEOTEXTILE UNDERLINER SHALL MEET THE REQUIREMENTS OF AASHTO M288-96, SECTION 7.3 SEPARATION REQUIREMENTS.
  - 6.2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES (IF ALSO INTENDED FOR SEDIMENT STORAGE) SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN. IN SOME INSTANCES, SOME PRELIMINARY GRADING MAY BE REQUIRED TO INSTALL STORMWATER MANAGEMENT FACILITIES OR TEMPORARY SEDIMENT BASINS. IMMEDIATELY FOLLOWING PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT POND UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT SURROUNDING 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.
  - 6.3. SILT FENCE (SENSITIVE AND NON-SENSITIVE) 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 6-20.2. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL. RECORD, SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SALT FENCING SHOULD BE REPAIRED IMMEDIATELY.
  - 6.4. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
  - 6.5. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPE IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SALT FENCING SHOULD BE REPAIRED IMMEDIATELY.
  - 6.6. NO OTHER ACTIVITIES SHALL OCCUR UNTIL THE CONSTRUCTION PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANTS ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTOR.
  8. AMENDMENTS/REVISIONS TO THE EROSION CONTROL PLAN THAT HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
  9. AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUN OFF. THE CONTRACTOR MAY UTILIZE DOWNED TREES AND OTHER CUT VEGETATION FOR SEDIMENT CONTROL OR AS A "BRUSH BARRIER" IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR. A NO BURN OR BURY FITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE MUNICIPALITY, OWNER AND/OR ENGINEER OF RECORD.
  10. ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLAN 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.
  11. ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983 EDITION.
  12. ALL ITEMS IN THIS SECTION SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163 AND 184 OF THE GEORGIA D.O.T. STANDARD SPECIFICATIONS, FOR ROADS AND BRIDGES.
  13. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND DISTURBANCE.
  14. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
  15. 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.
  16. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS WILL 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.
  17. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
  18. 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.
  19. 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.
  20. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE HALF WAY POINT ON THE RISER.
  21. 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 WILL 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.
  22. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
  23. 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.
  24. 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.
  25. 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

1. SHADED AREAS SHOWN ON GRADING PHASE EROSION CONTROL PLANS 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 DOWN DRAINS 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. (NO CRITICAL AREAS EXIST ON THIS SITE)
2. EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
3. 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.
4. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.
5. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.



GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Kevin Wayne Clark

Level II Certified Design Professional

CERTIFICATION NUMBER

0000011388

ISSUED:

05/31/2009

EXPIRES:

05/31/2024

GRADING PHASE EROSION CONTROL NOTES:

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY WHERE NECESSARY TO PERFORM GRADING AND INSTALL UTILITIES. NOTE ANY SUB PHASES THAT MAY BE SHOWN ON PLANS.
2. EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.
3. THE FOLLOWING CONSTRUCTION ACTIVITIES AND IMPLEMENTATION OF EROSION CONTROL MEASURES MAY OCCUR DURING THE INTERMEDIATE/GRADING PHASE OF CONSTRUCTION.
  - 3.1. GRADING AND EARTHWORK
  - 3.2. MAJOR UTILITIES INSTALLATION SUCH AS STORM DRAINAGE, SANITARY SEWER AND POTABLE WATER LINE
  - 3.3. ROADWAY PREPARATION AND PAVING
  - 3.4. MAINTENANCE AND MODIFICATIONS TO TEMPORARY EROSION CONTROL MEASURES AS DEPICTED IN THE PLANS
4. SEDIMENT SHALL NOT BE ALLOWED TO DRAIN INTO EXISTING OR PROPOSED INLETS. SEDIMENT COLLECTED DURING MAINTENANCE OF EROSION CONTROL DEVICES SHALL BE REMOVED FROM THE SITE OR SPREAD IN LANDSCAPED OR NATURALLY VEGETATED AREAS, SEEDED AND COVERED WITH STRAW OR MULCH.
5. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
6. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHILE CONSTRUCTION IS IN PROGRESS. ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
  7. TYPE "C" SILT FENCE SHOULD BE INSTALLED AT THE TOE OF ALL FILL SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-20.2. 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 BARRIER. ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SALT FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORM WATER RUN OFF AS SHOWN ON THE PLANS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING SILT BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE SHOWN IN THE PLANS. THESE BARRIERS MAY BE RELOCATED AND REPAIRED 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.
  9. CUT AND FILL SLOPES ARE NOT TO EXCEED 2H:1V
  10. ALL SLOPES STEEPER THAN 2:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
  11. TYPE "C" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
  12. 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.
  13. STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
  14. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
  15. ALL DRAINAGE SWALES SHALL BE STABILIZED AND VEGETATED AS SOON AS FINAL GRADE IS ACHIEVED.
  16. ALL GRADED AREAS SHALL RECEIVE VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
  17. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF LAND DISTURBANCE.
  18. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.
  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 SERVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
  20. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS WILL 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.
  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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.
  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 PLANS.

FINAL PHASE EROSION CONTROL NOTES:

- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION.
1. SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS, SPREAD ON SITE AND STABILIZED SO THAT IT CANNOT ENTER THE INLETS AGAIN.
  2. FINAL GRASSING (SEEDING OR MULCH) ALONG WITH ANY PROPOSED LANDSCAPING SHALL BE PERFORMED AS SOON AS PRACTICAL UPON COMPLETION OF CONSTRUCTION. OTHERWISE ALL ESPC MEASURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION IS ACCOMPLISHED.
  3. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT POND 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.
  4. AFTER INSTALLATION OF CURBING AND ROADWAY PAVEMENT, ANY INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CULVERTS SHALL BE MAINTAINED ALONG WITH MULCH AND INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.
  5. THE GRADED SHOULDER OF ALL ROADWAY AND PARKING AREAS SHOULD BE STABILIZED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
  6. 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 WILL 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.
  7. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
  8. 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.
  9. 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.
  10. 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

ACTIVITY SCHEDULE		WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17	WEEK 18	WEEK 19	WEEK 20	WEEK 21	WEEK 22	WEEK 23	WEEK 24	WEEK 25	WEEK 26	WEEK 27
INSTALLATION OF EROSION CONTROL TREE SAVES/FENCING																												
CLEARING AND GRUBBING																												
INSTALLATION OF DETENTION FACILITY																												
GRADING ACTIVITIES																												
INSTALLATION OF SANITARY SEWER																												
INSTALLATION OF STORM SEWER																												
STABILIZATION OF SITE																												
INSTALLATION OF WATER																												
INSTALLATION OF PAVING																												
STABILIZATION OF SITE PERMANENT GRASSING																												
MAINTENANCE OF EROSION CONTROL																												
REMOVAL OF EROSION CONTROL AND CLEAN OUT STORM PIPES																												
TOTAL SITE AREA = 11.37 ACRES																												
TOTAL DISTURBED AREA = 1.30 ACRES ±																												
SHOULD DISTURBED AREA EXCEED THE GAR 10000 PERMIT LIMITS, MONITORING SHALL APPLY TO THIS DEVELOPMENT.																												

28. DURING CONSTRUCTION, PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION EXITS, SILT FENCING, INLET PROTECTION, SLOPE STABILIZATION, DUST CONTROL, TEMPORARY AND PERMANENT SEEDING.

GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

PERMIT COVERAGE:

THIS PLAN HAS BEEN PREPARED TO MEET THE REQUIREMENTS UNDER THE STATE OF GEORGIA, DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION (EPD), GENERAL PERMIT NO. GAR100001 FOR AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR STAND-ALONE DEVELOPMENTS.

AUTHORIZED DISCHARGES:

1. ALL DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY THAT WILL RESULT IN LAND DISTURBANCE EQUAL TO OR GREATER THAN ONE ACRE. PART I.C.1.a-b
2. ALL DISCHARGES COVERED BY THIS PERMIT SHALL BE COMPOSED ENTIRELY OF STORM WATER EXCEPT AS PROVIDED IN PART I.C.2 AND PART III.A.2 OF THE PERMIT.
3. AUTHORIZED MIXED STORM WATER DISCHARGES: PART I.C.2
  - a. 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 STORM WATER 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. STORM WATER 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-STORM WATER DISCHARGES: PART III.A.2  
THE FOLLOWING NON-STORM WATER DISCHARGES MAY BE AUTHORIZED BY THIS PERMIT PROVIDED THE NON-STORM WATER COMPONENT OF THE DISCHARGE IS EXPLICITLY LISTED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND IS IN COMPLIANCE WITH PART IV.D.7.; DISCHARGES FROM FIRE FIGHTING ACTIVITIES; FIRE HYDRANT FLUSHING; POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING; IRRIGATION DRAINAGE; AIR CONDITIONER CONDENSATE; SPRINGS; UNCONTAMINATED GROUND WATER; AND FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS.

LIMITATIONS ON COVERAGE PART I.C.3:

- THE FOLLOWING STORM WATER 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 WHICH ARE IDENTIFIED IN PART III.A.2 OF THIS PERMIT AND WHICH ARE IN COMPLIANCE WITH PART IV.D.7 (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.

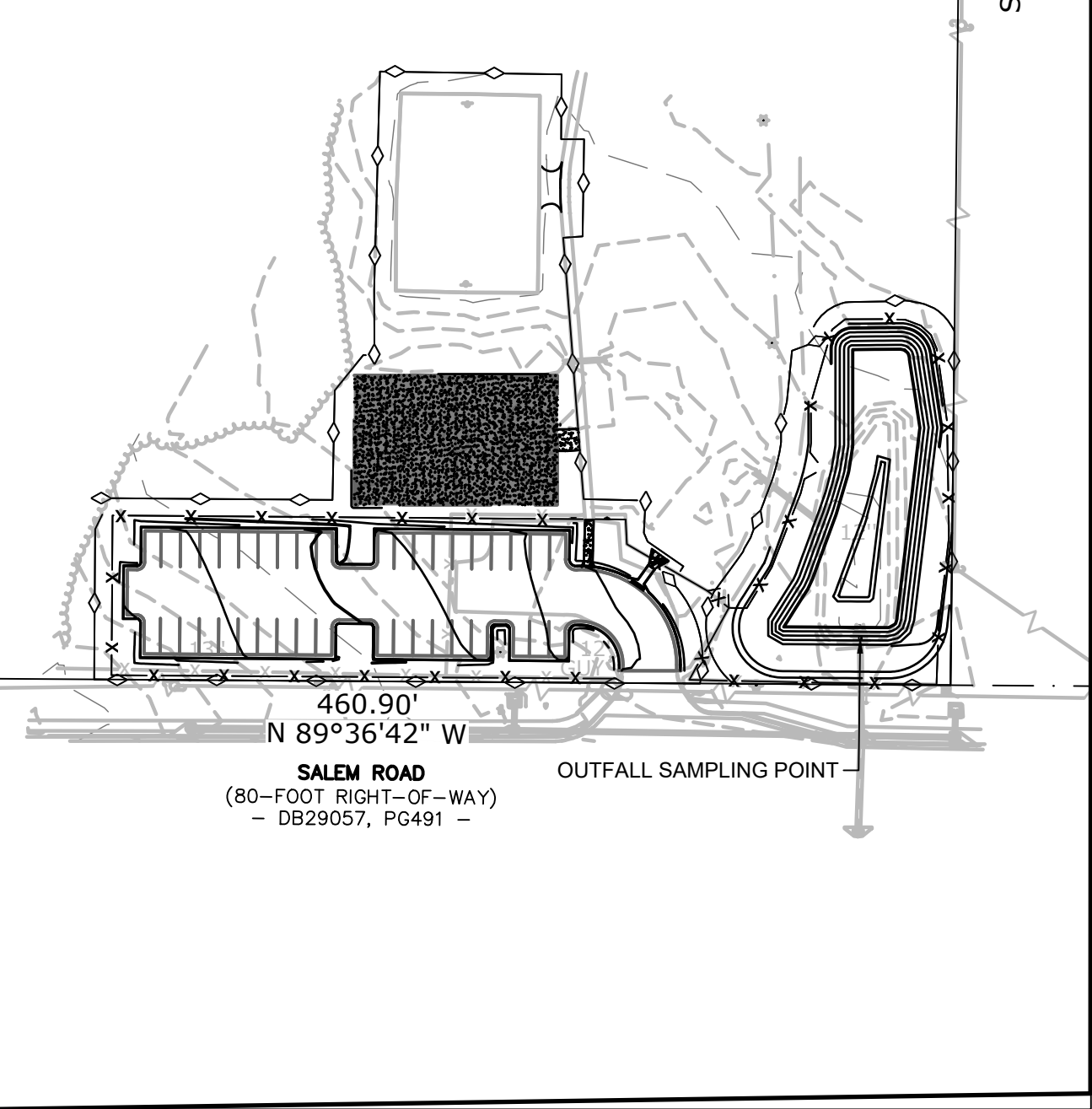
WATER QUALITY COMPLIANCE PART I.C.4:

NO DISCHARGES AUTHORIZED BY THIS PERMIT SHALL CAUSE VIOLATIONS OF GEORGIA'S IN-STREAM WATER QUALITY STANDARDS AS PROVIDED BY THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL. CHAPTER 391-3-6-03.

26. SEDIMENT STORAGE IS PROPOSED DURING CONSTRUCTION TO PREVENT OFFSITE SOIL LOSS. A STORMWATER POND WITH A MICROPOLL PER THE GSWMM IS PROVIDED TO MEET THE WATER QUALITY REQUIREMENTS

GENERAL NOTES:

1. AMENDMENTS/REVISIONS TO THE ESAP PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
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 40 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: EPC AT (404) 656-4883 OR (800) 241-4113, OR THE NATIONAL RESPONSE CENTER (NRC) AT (800) 424-8802. PART III.B.1
3. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES RESULTING FROM AN ONSITE SPILL. PART III.B.2
4. NO SPECIFIC SUBSTITUTE FOR TYPE C SILT FENCE IS PROPOSED FOR THIS PROJECT. HOWEVER, SHOULD THE CONTRACTOR CHOOSE TO UTILIZE AN ALTERNATIVE TYPE C SILT FENCE TECHNOLOGY, IT SHALL BE IDENTIFIED IN GOOD DOCUMENT PER 36. ANY ALTERNATIVE TECHNOLOGY NOT IDENTIFIED IN THIS DOCUMENT CANNOT BE UTILIZED WITHOUT REVISING THE APPROVED ESAP PLAN WITH THE LOCAL ISSUING AUTHORITY.
5. THIS PROJECT DOES NOT USE ALTERNATIVE BMP'S FOR APPLICATION TO THE EQUIVALENT BMP LIST. PLEASE REFER TO APPENDIX A-2 OF THE MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA 2017 EDITION.
6. IF ALTERNATIVE BMP'S WHOSE PERFORMANCE HAS BEEN DOCUMENTED TO BE EQUIVALENT TO OR SUPERIOR TO CONVENTIONAL BMP'S AS CERTIFIED BY A DESIGN PROFESSIONAL (UNLESS DISAPPROVED BY EPD OR THE GSWCC) ARE TO BE USED, PLEASE REFER TO THE ALTERNATIVE BMP GUIDANCE DOCUMENT FOUND AT WWW.GASWCC.ORG
7. THE DESIGN PROFESSIONAL WHO PREPARED THE ESAP PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.



WASTE DISPOSAL:

1. WASTE MATERIALS SHALL NOT BE DISCHARGED TO THE WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
2. ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LOADED 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.
3. ALL CONSTRUCTION WASTE WILL BE SHIPPED ONSTREET.
4. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOB SITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

SPILL PREVENTION & CONTROL

1. PETROLEUM BASED PRODUCTS, INCLUDING FUELS, LUBRICANTS, TRANSFORMER OIL, TARS, ETC., KEPT ON SITE SHALL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED. ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE. ASPHALT SUBSTANCES SHALL BE APPLIED AS LABELED. LOCAL, STATE, AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. TYPICAL EQUIPMENT AND MATERIALS FOR CLEANUP INCLUDE GLOVES, GOGGLES, RAGS, RESPIRATORS, CAT LITTER, 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 SHALL BE CLEANED UP IMMEDIATELY FOLLOWING DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS.
2. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
3. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
4. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
5. 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.
6. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 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.
7. PETROLEUM STORAGE SHALL BE DONE IN ACCORDANCE WITH ONE OF THE TWO FOLLOWING METHODS TO PREVENT STORM WATER 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.
  - 7.1. ALL PETROLEUM STORAGE CONTAINERS SHALL BE COVERED WITH PLASTIC SHEETING OR BE LOCATED UNDER A TEMPORARY ROOF.
  - 7.2. ALL PETROLEUM STORAGE CONTAINERS SHALL BE LOCATED IN A SECONDARY CONTAINMENT AREA.

HAZARDOUS WASTES

1. 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 SHALL BE MAINTAINED ON THE JOB SITE AND ON THE EQUIPMENT. THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS, A 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 ESB AREA 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 THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.
2. FOR CONSTRUCTION ACTIVITIES THAT REQUIRE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THE ESAP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE COLLECTED IN A SUITABLE CONTAINER IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS. AREAS TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTES

1. A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY W







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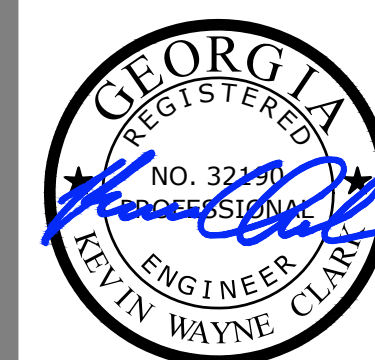
DEVELOPER / CLIENT: CITY OF STONECREST

CONTACT: HARI KARIKARAN

**24 HOUR CONTACT:**HARI KARIKARAN  
PHONE: (770) 224-0200  
EMAIL: HKARIKARAN@STONECRESTGA.GOV

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09/29/2023

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Client/Project Logo

Client/Project  
SALEM PARK - PARKING LOT DESIGN

## SITE DEVELOPMENT

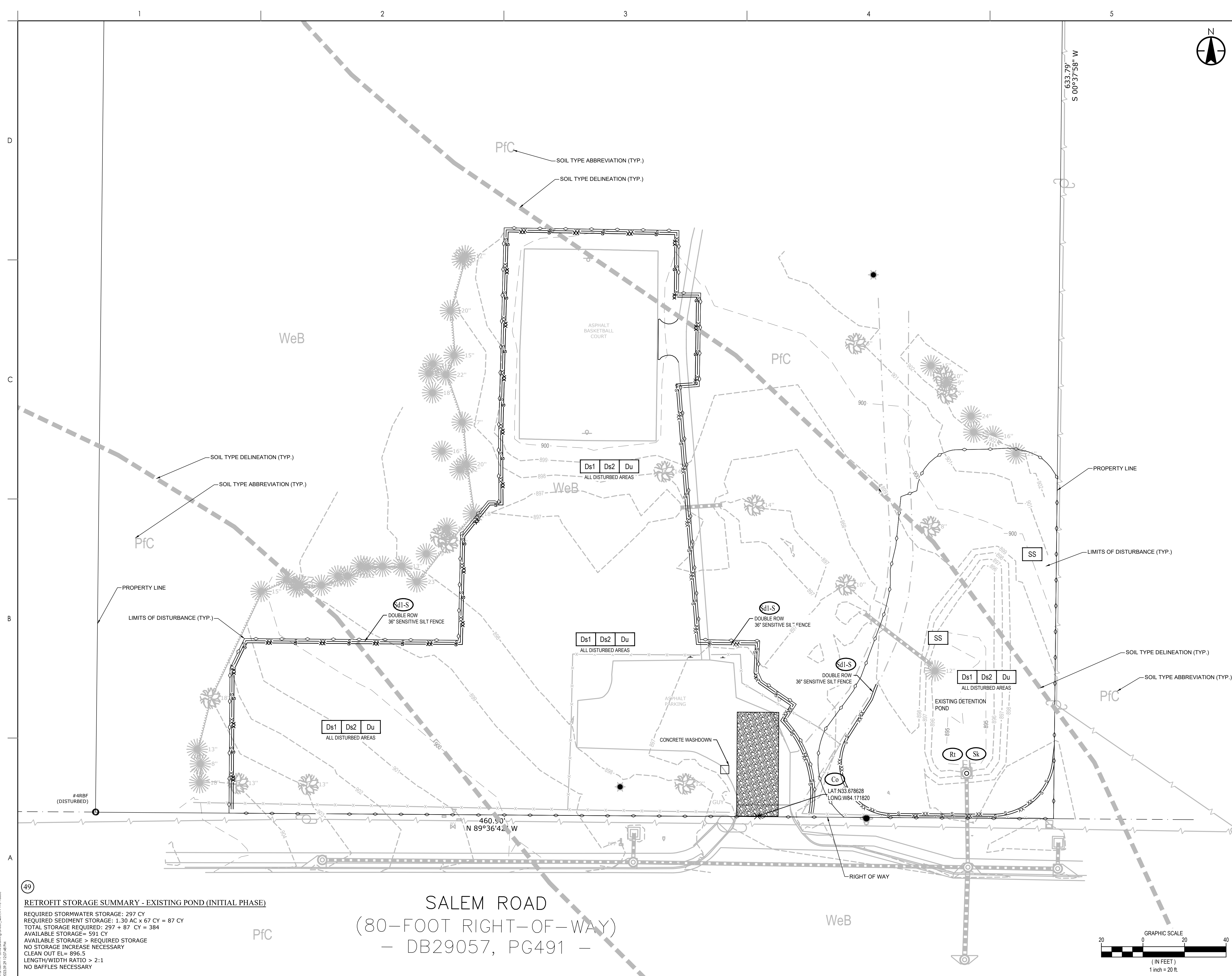
CITY OF STONECREST, GA

Title

INITAL EROSION CONTROL PLAN

Project No. 215617717		Scale
Revision	Sheet	Drawing No.

C-710



REQUIRED STORMWATER STORAGE: 297 CY  
REQUIRED SEDIMENT STORAGE: 1.30 AC x 67 CY = 87 CY  
TOTAL STORAGE REQUIRED: 297 + 87 CY = 384  
AVAILABLE STORAGE = 591 CY  
AVAILABLE STORAGE > REQUIRED STORAGE  
NO STORAGE INCREASE NECESSARY  
CLEAN OUT EL= 896.5  
LENGTH/WIDTH RATIO > 2:1  
NO BAFFLES NECESSARY

SALEM ROAD  
(80-FOOT RIGHT-OF-WAY)  
- DB29057, PG491 -



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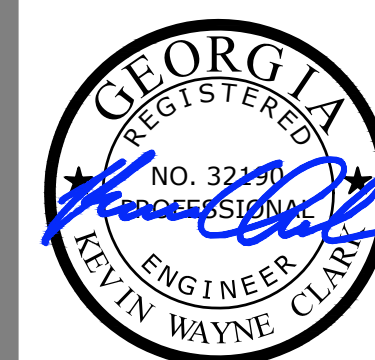
DEVELOPER / CLIENT: CITY OF STONECREST

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09/29/2013  
Client/Project Log

Client/Project  
SALEM PARK - PARKING LOT DESIGN

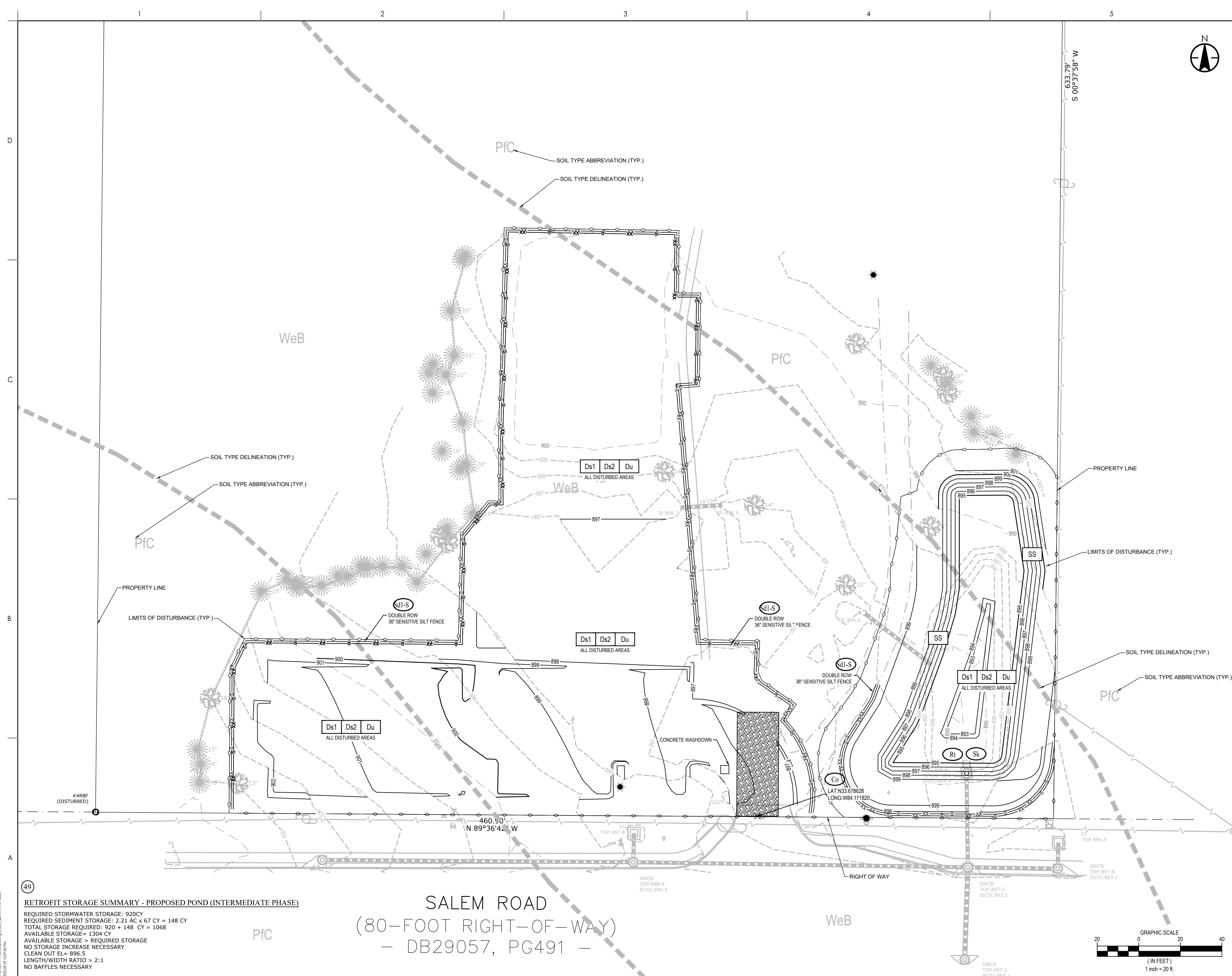
## SITE DEVELOPMENT

CITY OF STONECREST, GA

Title  
INTERMEDIATE EROSION CONTROL PLAN

Project No. 215617717		Scale
Revision	Sheet	Drawing No.

C-711



REQUIRED STORMWATER STORAGE: 920CY  
REQUIRED SEDIMENT STORAGE: 2.21 AC x 67 CY = 148 CY  
TOTAL STORAGE REQUIRED: 920 + 148 CY = 1068  
AVAILABLE STORAGE = 1304 CY  
AVAILABLE STORAGE > REQUIRED STORAGE  
NO STORAGE INCREASE NECESSARY  
CLEAN OUT EL = 896.5  
LENGTH/WIDTH RATIO > 2:1  
NO BAFFLES NECESSARY

SALEM ROAD  
(80-FOOT RIGHT-OF-WAY)  
- DB29057, PG491 -



$$\begin{aligned}d_{\text{MAX}} &= 1.5 \times d_{50} \\d_{\text{MAX}} &= 1.5 \times 0.60 \\d_{\text{MAX}} &= 0.90\end{aligned}$$
$$1.5 \times d_{\text{MAX}} = 1.35$$

1 CALCULATIONS St



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**Contact 811** before you dig

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## SITE DEVELOPMENT

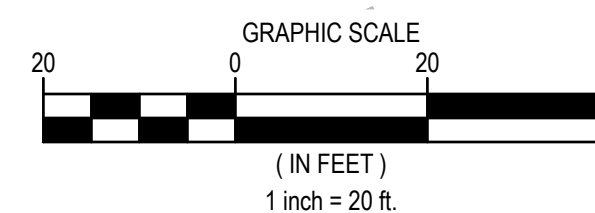
CITY OF STONECREST, GA

Title

FINAL EROSION CONTROL PLAN

Project No. 215617717		Scale
Revision	Sheet	Drawing No.

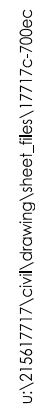
C-712



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ORIGINAL SHEET - ARCH D











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Revision	By	Appd.	YYYY.MM.DD
Issued	By	Appd.	YYYY.MM.DD
File Name: 17717-100LP			2023.09.29
	Dwn.	Dscr.	Chkd.

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08/23/2023

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SALEM PARK - PARKING LOT DESIGN

## SITE DEVELOPMENT

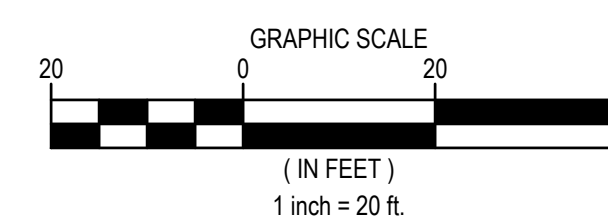
CITY OF STONECREST, GA

Title

LANDSCAPE PLAN

Project No. 215617717	Scale
Revision    Sheet	Drawing No.

L-100





QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
6	QUERCUS PHELLOS	WILLOW OAK	2" CAL./B&B	SEE PLANS
3	PRUNUS YEDEONSIS	YOSHINO CHERRY	3" CAL./B&B	SEE PLANS
125	ACORUS CALAMUS	SWEET FLAG	1 GAL.	24"
125	HIBISCUS SABDARIFFA	WATER HIBISCUS	1 GAL.	24"
125	IRIS PSEUDACORUS	YELLOW FLAG IRIS	1 GAL.	24"
125	JUNCUS EFFUSUS	COMMON RUSH	1 GAL.	24"
125	TYPHA MINIMA	DWARF CATTAIL	1 GAL.	24"

2 MULTI-TRUNK TREE PLANTING DETAIL  
L-101 NOT TO SCALE