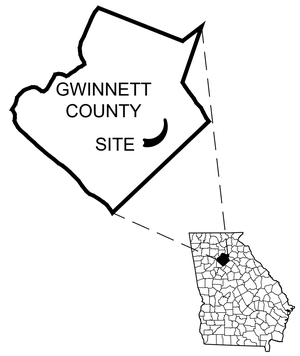
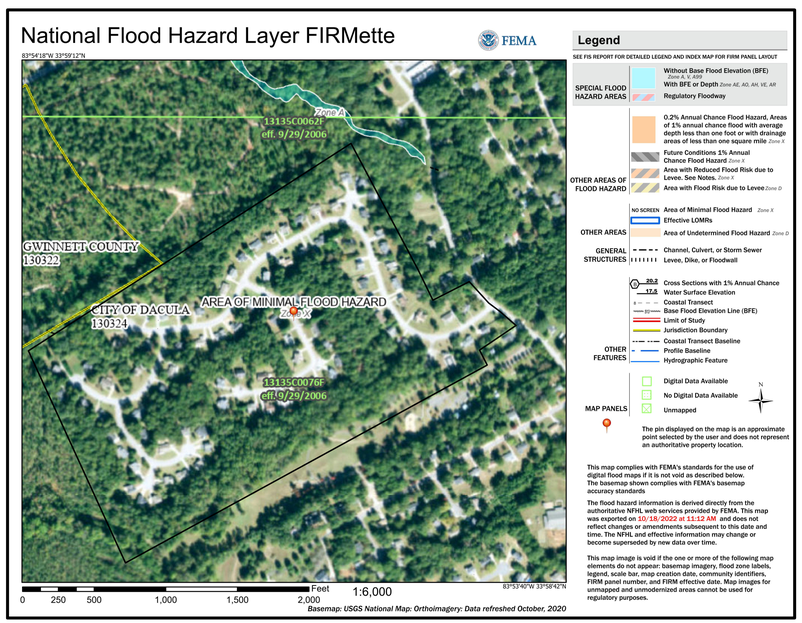
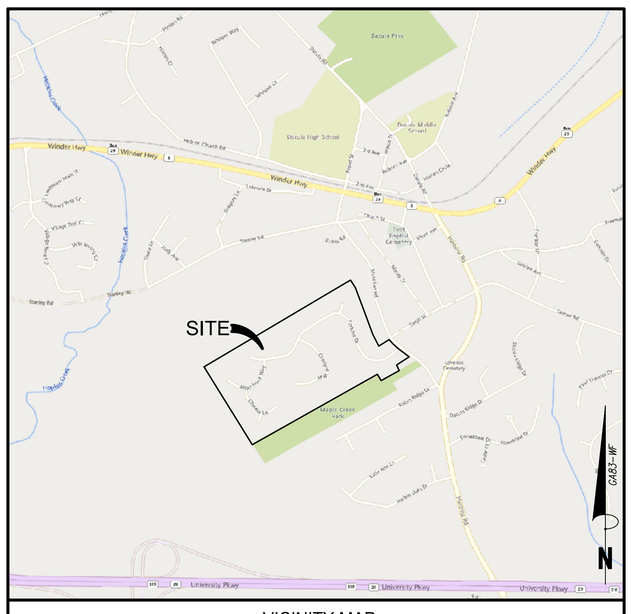
2022 CDBG - BROOKTON STATION SUBDIVISION ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT IMPROVEMENTS PROJECT FOR CITY OF DACULA





FLOOD PLAN NOTE:

PART OF THIS PROJECT DOES NOT LAY WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) PER FEMA FIRM PANEL 13135C0076F DATED 9/29/2006.



VICINITY MAP
SCALE : 1" = 1000'

DRAWING INDEX

SHEET NUMBER	SHEET NAME	SUBMITTALS 10/24/2022	2	3	4
C000	COVER SHEET	X			
C100	EROSION CONTROL PLANS	X			
C101	EROSION CONTROL NOTES	X			
C200	OVERALL SITE PLAN	X			
C201	SITE PLAN	X			
C202	SITE PLAN	X			
C203	SITE PLAN	X			
C204	SITE PLAN	X			
C205	SITE PLAN	X			
C206	SITE PLAN	X			
C207	SITE PLAN	X			
C208	SITE PLAN	X			
C300	CONSTRUCTION DETAILS	X			

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COVER SHEET
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT IMPROVEMENTS PROJECT
FOR CITY OF DACULA
CITY OF DACULA, GA GWINNETT COUNTY

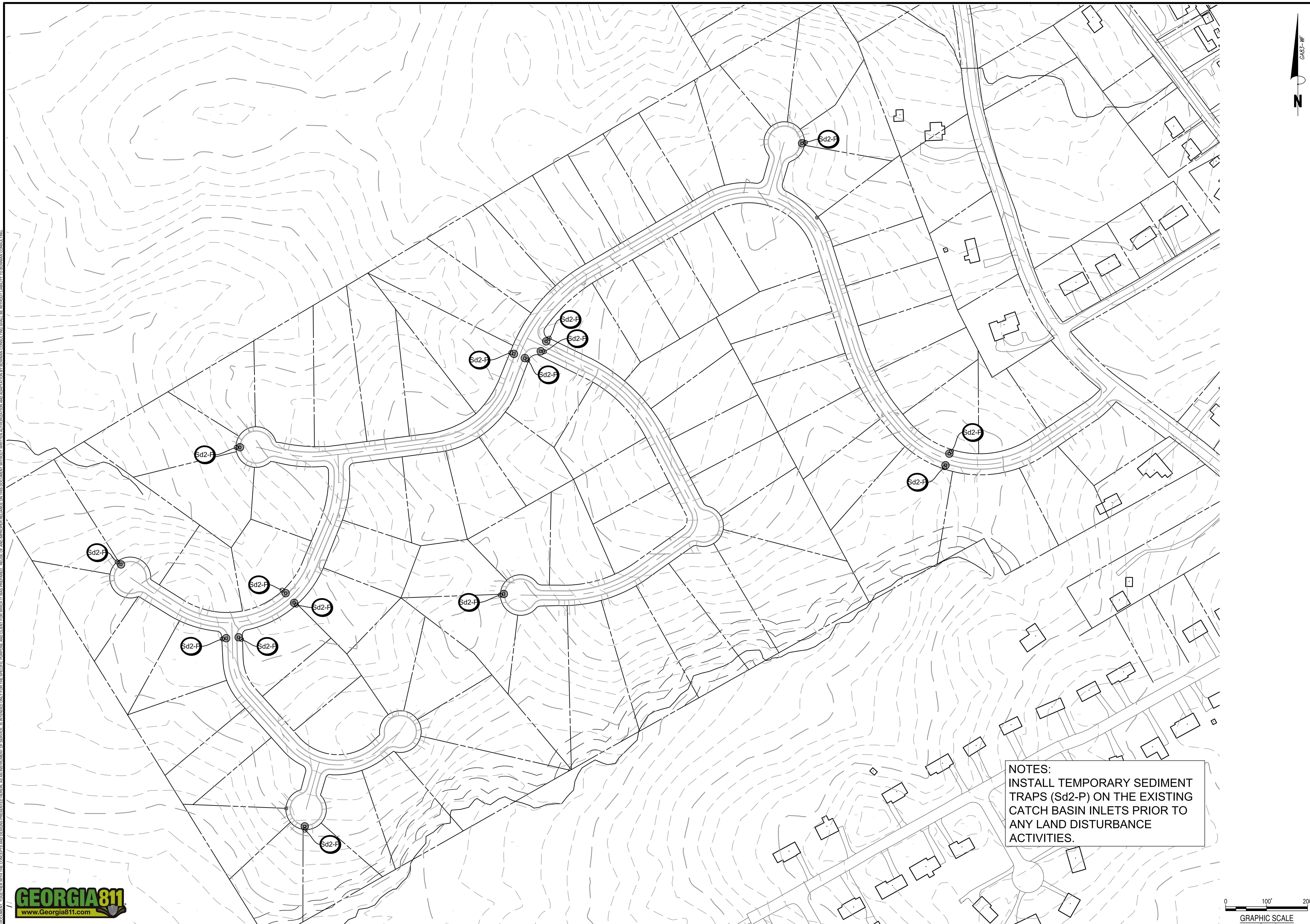
CONSULTANT PROJECT # 21-0114

PLAN STATUS

DATE	DESCRIPTION
2022/10/24	BID SET

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C000



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EROSION CONTROL PLAN
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT IMPROVEMENTS PROJECT FOR CITY OF DACULA

CITY OF DACULA, GA
GWINNETT COUNTY

CONSULTANT PROJECT #
21-0114

PLAN STATUS	
2022/10/24	BID SET
DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C100

October 19, 2022
File Path P:\2021\0114\ENGINEERING\SHEET FILES\21-0114 D-CD-ES1.dwg

PHASE I - INITIAL CLEARING PHASE:
Erosion Control Notes

1. PRIOR TO THE LAND DISTURBING CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION 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.
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.
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, OR CONCURRENT WITH, 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 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.
7. 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.
8. THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
9. THE CONSTRUCTION EXITS, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6-INCH THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLAN. THE STONE SIZE SHOULD CONSIST OF COURSE AGGREGATE BETWEEN 1-1/2" & 3-1/2" IN DIAMETER AND OVERLAID ON A GEOTEXTILE UNDERLINE. THE GEOTEXTILE UNDERLINE SHALL MEET THE REQUIREMENTS OF AASHTO M288-96, SECTION 7.3, SEPARATION REQUIREMENTS.
10. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE / EXITS, ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
11. 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 6-202. 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 REACHED ½ HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SIAD FENCING SHOULD BE REPAIRED IMMEDIATELY.
12. 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.
13. STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
14. TREE PROTECTION FENCING SHOULD 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 SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
15. 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 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 RUN OFF.
16. THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
17. NO BURN OF BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE.
18. 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.
19. 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.
20. ALL ITEMS IN THIS SECTION OF THE SPECIFICATION SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163, AND 164 OF THE GEORGIA D.O.T STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
21. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.
22. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
23. 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" 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.
24. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
25. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL 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. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
26. 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.
27. ALL AD VALOREM TAXES HAVE BEEN PAID.
28. ALL UNDISTURBED BUFFERS SHALL BE IDENTIFIED WITH ORANGE FOUR-FOOT TREE-SAVE FENCE PRIOR TO ANY LAND DISTURBANCE.

PHASE II - GRADING PHASE:
Erosion Control Notes

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF IT'S NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB PHASES 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 EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING PRELIMINARY GRADING PHASE OF CONSTRUCTION.
4. SEDIMENT SHALL NOT BE WASHED IN INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
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 BARRICADES WHILE 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.
8. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES ½ HEIGHT OF THE BARRIER. ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DRAINS TO CONTROL STORM WATER RUN OFF AS SHOWN ON THE PLANS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE AS 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.
9. CUT AND FILL SLOPES ARE NOT TO EXCEED "2H:1V".
10. ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF 10 FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATING 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 DETAIL FOR ADDITIONAL INFORMATION. ALL GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
15. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.
16. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.
17. AFTER PRELIMINARY GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BASINS UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE BASINS WHEN IT REACHES THE 1/3 VOLUME OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
18. 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 TRACKING 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. THE CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
19. 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.
20. 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.

Critical AREAS:
Erosion Control Notes

1. CRITICAL AREAS SHOWN ON GRADING PHASE EROSION CONTROL PLANS SHALL BE MAINTAINED DAILY. 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.

PHASE III - FINAL STABILIZATION PHASE:
Erosion Control Notes

1. THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION. 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. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH PERMANENT GRASSING.
2. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT BASINS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE BASINS WHEN IT BECOMES 1/3 FULL.
3. AFTER CURBING, GRADED AGGREGATE BASE AND PAVEMENT HAS 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.
4. 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.
5. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. THE CONSTRUCTION EXIT SHALL BE REMOVED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
6. THE CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
7. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF ALL 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.
8. 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.
9. 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 AREAS:
Erosion Control Notes

1. CRITICAL AREAS SHOWN ON FINAL PHASE EROSION CONTROL PLANS SHALL BE MAINTAINED DAILY. 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. ONCE FINAL STABILIZATION OF THE SITE IS COMPLETE, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BEFORE THE CONTRACTOR PERMANENTLY LEAVES THE SITE.

2. ALL INLET POINTS MUST RECEIVE INLET PROTECTION ON ALL PHASES, INCLUDING FINAL PHASE, UNTIL FINAL STABILIZATION IS ACHIEVED.

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EROSION CONTROL NOTES
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT
IMPROVEMENTS PROJECT
FOR CITY OF DACULA
CITY OF DACULA, GA GWINNETT COUNTY

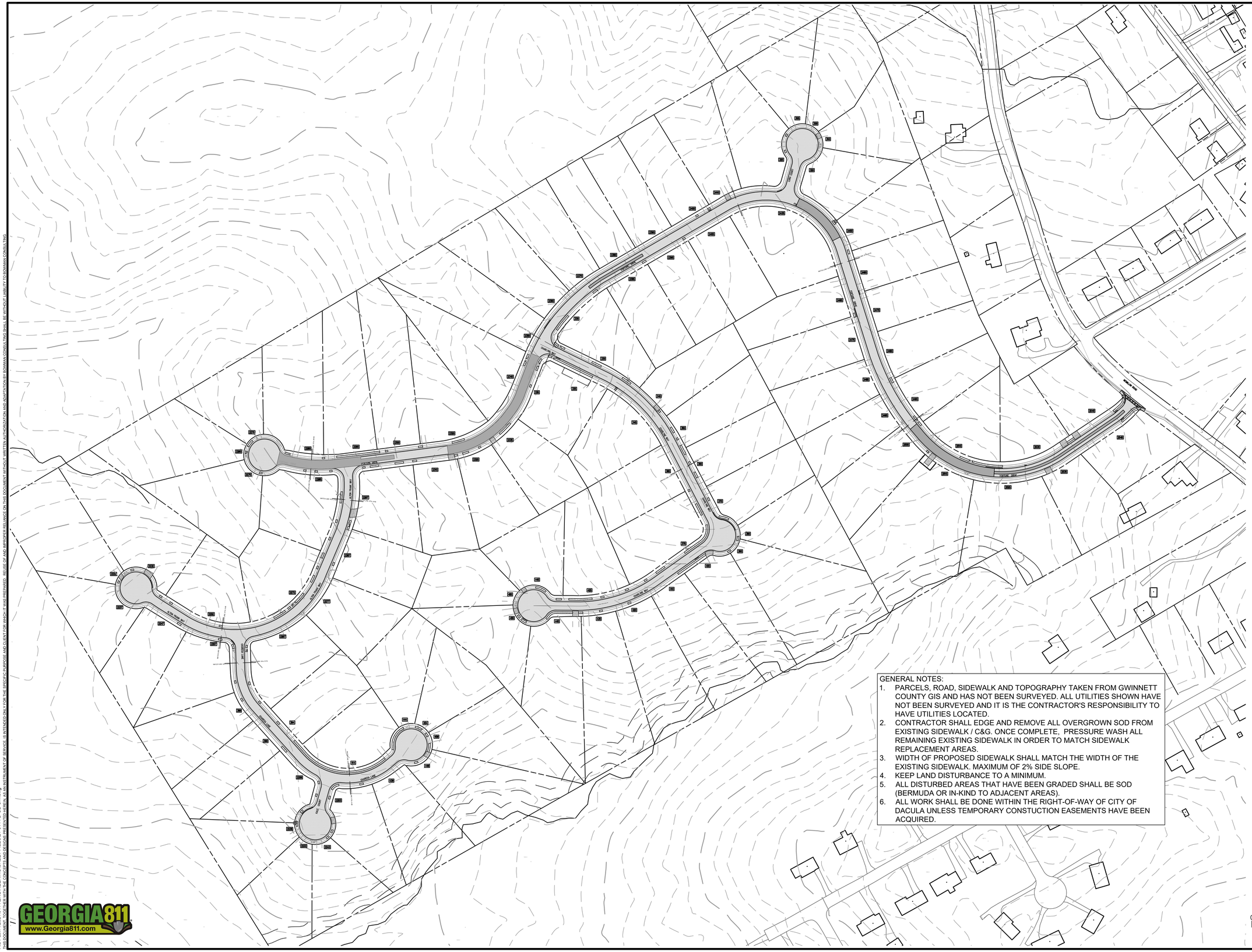
CONSULTANT PROJECT #
21-0114

PLAN STATUS

DATE	DESCRIPTION
2022/10/24	BID SET

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C101



GENERAL NOTES:

1. PARCELS, ROAD, SIDEWALK AND TOPOGRAPHY TAKEN FROM GWINNETT COUNTY GIS AND HAS NOT BEEN SURVEYED. ALL UTILITIES SHOWN HAVE NOT BEEN SURVEYED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE UTILITIES LOCATED.
2. CONTRACTOR SHALL EDGE AND REMOVE ALL OVERGROWN SOD FROM EXISTING SIDEWALK / C&G. ONCE COMPLETE, PRESSURE WASH ALL REMAINING EXISTING SIDEWALK IN ORDER TO MATCH SIDEWALK REPLACEMENT AREAS.
3. WIDTH OF PROPOSED SIDEWALK SHALL MATCH THE WIDTH OF THE EXISTING SIDEWALK. MAXIMUM OF 2% SIDE SLOPE.
4. KEEP LAND DISTURBANCE TO A MINIMUM.
5. ALL DISTURBED AREAS THAT HAVE BEEN GRADED SHALL BE SOD (BERMUDA OR IN-KIND TO ADJACENT AREAS).
6. ALL WORK SHALL BE DONE WITHIN THE RIGHT-OF-WAY OF CITY OF DACULA UNLESS TEMPORARY CONSTUCTION EASEMENTS HAVE BEEN ACQUIRED.

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0 100' 200'

GRAPHIC SCALE
1"=100'

N

GA83-WF

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Suwanee, GA 30024
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OVERALL SITE PLAN

2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT
IMPROVEMENTS PROJECT
FOR CITY OF DACULA

CITY OF DACULA, GA

GWINNETT COUNTY

CONSULTANT PROJECT #
21-0114

PLAN STATUS	
2022/10/24	BID SET
DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE

JOB No. 21-0114

DATE : OCTOBER 24, 2022

FILE No.

SHEET No. C200

October 19, 2022
File Path:P:\2021\01140\ENGINEERING\SHEET FILES\21-0114 D-CD-SIT.dwg

DEMOLISH & REPLACE ± 20' OF CONCRETE SIDEWALK BETWEEN DRIVEWAYS (3 / C300)

2490

MATCH LINE: STA. 6+50

DEMOLISH & REPLACE ± 10' OF ±4' WIDE CONCRETE SIDEWALK ON EITHER SIDE OF EXISTING SINGLE WING CATCH BASIN (3 / C300)

6+00

5+50

5+00

PROPOSED DEEP PATCH MILL, FULL WIDTH X ±229' LENGTH

2510

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

+/- 22'

+/- 34'

4+50

A2

2515

Sd2-P / C300 PROTECT EXISTING DOUBLE WING CATCH BASIN

DEMOLISH & REPLACE CONCRETE DRIVEWAY FROM EDGE OF PAVEMENT TO NEAREST JOINT PAST DAMAGED DRIVEWAY SECTION. RAISE, FILL, AND COMPACT DEPRESSED AREAS OF SUBGRADE AND ADJACENT SHOULDER FOR PROPER DRAINAGE. PROPOSED DRIVEWAY REPAIR SHALL HAVE CONSTANT SLOPE FROM EDGE OF PAVEMENT DOWN DRIVEWAY FOR PROPER DRAINAGE. REPLACE BROKEN CURB & GUTTER ADJACENT TO DRIVEWAY. REPLACE SOD IN-KIND. (4 / C300)

±22' x ±34' TEMPORARY CONSTRUCTION EASEMENT

1072.6

1080

4+00

4+50

5+00

5+50

FORTUNE DRIVE

2525

PROPOSED 2-1/2" MILL. INSTALL 1" 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

TYPICAL DEEP PATCH MILL
6-1/2" DEPTH & CURB EDGE MILL AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1B / C300)

4 / C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

3 / C300 DEMOLISH & REPLACE ± 12' OF CONCRETE SIDEWALK BETWEEN DRIVEWAYS

4 / C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

PROTECT EXISTING DOUBLE WING CATCH BASIN, TIE SIDEWALK TO MATCH TOP ELEVATION (Sd2-P / C300)

DEMOLISH & REPLACE ± 104' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ±40' OF EXISTING CURB & GUTTER (2 / C300)

DEMOLISH & REPLACE ±10' OF EXISTING CURB & GUTTER (2 / C300)

2530

±16'

2535

±13'

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

1097.5

1100

MCMILLAN ROAD

TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK

PROPOSED ADA RAMP w/ DETECTABLE WARNING STRIP (5 / C300)

DEMOLISH & REPLACE ±10' OF EXISTING CURB & GUTTER

PROPOSED ±4' CONCRETE SIDEWALK & ±2' GRASS STRIP, MATCH EXISTING WIDTH (3 / C300)

DEMOLISH & REMOVE EXISTING ADA RAMP REPLACE CURB AND GUTTER, TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK (3 / C300)

PROPOSED DEEP PATCH MILL, APPROX. ±6' WIDE X ±367' LENGTH (1B / C300)

2540

EXISTING ±4' CONCRETE SIDEWALK

A1

0+00

0+50

1+00

1+50

2+00

2+50

3+00

3+50

PROPOSED GA DOT STD CROSSWALK STRIPING

END OF RE-TOPPING OF ASPHALT

TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK

PROPOSED ADA RAMP w/ DETECTABLE WARNING STRIP (5 / C300)

PROPOSED ±4' CONCRETE SIDEWALK & ±2' GRASS STRIP, MATCH EXISTING WIDTH (3 / C300)

DEMOLISH & REMOVE EXISTING ADA RAMP REPLACE CURB AND GUTTER, TIE PROPOSED SIDEWALK TO EXISTING SIDEWALK (3 / C300)

2545

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

EXISTING ±4' CONCRETE SIDEWALK

TYPICAL DEEP PATCH MILL
6-1/2" DEPTH AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1B / C300)

GA83-WF

N

0 20' 40'

GRAPHIC SCALE
1"=20'

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SITE PLAN
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT
IMPROVEMENTS PROJECT
FOR CITY OF DACULA
CITY OF DACULA, GA GWINNETT COUNTY

CONSULTANT PROJECT # 21-0114

PLAN STATUS

DATE	DESCRIPTION
2022/10/24	BID SET

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C201

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CITY OF DACULA, GA
GWINNETT COUNTY

CONSULTANT PROJECT #
21-0114

PLAN STATUS	
2022/10/24	BID SET
DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .

JOB No. 21-0114

DATE : OCTOBER 24, 2022

FILE No.

SHEET No. C202

October 19, 2022

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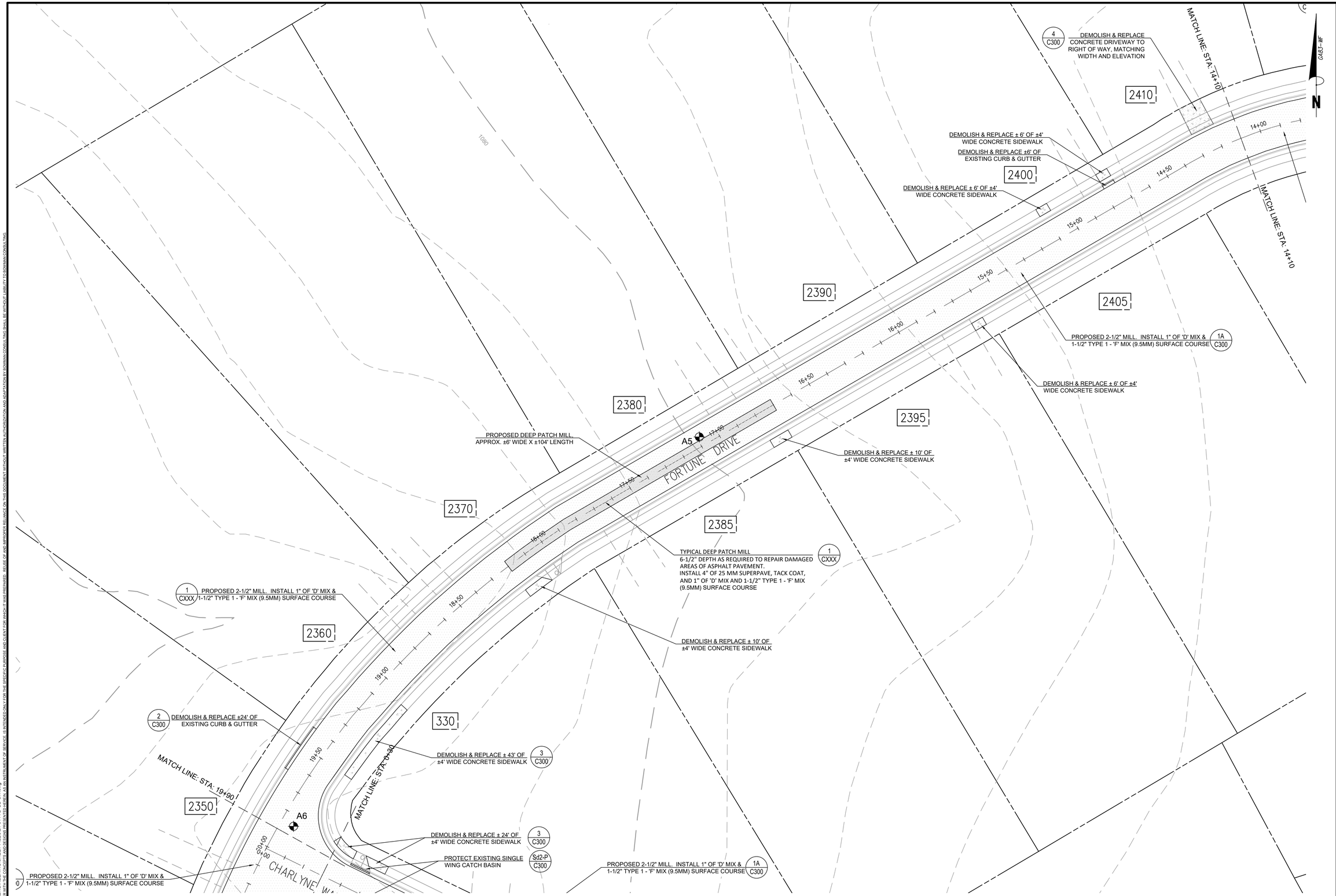

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CITY OF DACULA, GA
GWINNETT COUNTY

CONSULTANT PROJECT # 21-0114

PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C203

October 19, 2022

File Path:P:\2021\011\4-ENGINEERING\SHEET FILES\21-0114 D-CD-SIT.dwg

2350

2340

2320

2300

2290

2280

2335

335

2325

2315

2285

2297

A6

A7

A8

D1

MATCH LINE: STA: 19+90

MATCH LINE: STA: 0+30

MATCH LINE: STA: 26+90

MATCH LINE: STA: 0+90

CHARLYNE WAY

FORTUNE DRIVE

ALTON FRANK WAY

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

3 C300 DEMOLISH & REPLACE ± 12' OF ±4' WIDE CONCRETE SIDEWALK

Sd2-P C300 PROTECT EXISTING SINGLE WING CATCH BASIN

3 C309 DEMOLISH & REPLACE ± 12' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 104' OF ±4' WIDE CONCRETE SIDEWALK. FILL AND COMPACT FOR 2% CROSS SLOPE TOWARDS STREET.

DEMOLISH & REPLACE ± 12' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

TYPICAL DEEP PATCH MILL 6-1/2" DEPTH AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE 1B C300

PROPOSED DEEP PATCH MILL, FULL WIDTH X ±303' LENGTH

TYPICAL DEEP PATCH MILL 6-1/2" DEPTH AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE 1A C300

PROPOSED DEEP PATCH MILL, APPROX. ±9' WIDE X ±84' LENGTH

3 C300 DEMOLISH & REPLACE ± 30' OF ±4' WIDE CONCRETE SIDEWALK

DEMOLISH & REPLACE ± 10' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

PROPOSED PATCH DEEP MILL, FULL WIDTH X ±200' LENGTH 1B C300

DEMOLISH & REPLACE ± 104' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

PROPOSED 1-1/2" ASPHALT TOPPING

DEMOLISH & REPLACE ± 36' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION 4 C300

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 30' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 21' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE 1A C300

DEMOLISH & REPLACE ± 10' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 21' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION 4 C300

DEMOLISH & REPLACE ± 27' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

1065.4

1067.2

1080

1070.5

GRAPHIC SCALE
1"=20'
0 20' 40'

GA83-WF

N

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IMPROVEMENTS PROJECT
FOR CITY OF DACULA
CITY OF DACULA, GA GWINNETT COUNTY

CONSULTANT PROJECT #
21-0114

PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.

SHEET No. C204

October 19, 2022
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1B C300 TYPICAL DEEP PATCH MILL 6-1/2" DEPTH AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 27' OF ±4' WIDE CONCRETE SIDEWALK

4 C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 14' OF ±4' WIDE CONCRETE SIDEWALK

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

Sd2-P C300 PROTECT EXISTING SINGLE WING CATCH BASIN

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 13' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 8' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 17.5' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 40' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

RAISE SIDEWALK TO BE FLUSH w/ WATER VALVE @ FIRE HYDRANT

3 C300 DEMOLISH & REPLACE ± 31' OF ±4' WIDE CONCRETE SIDEWALK

Sd2-P C300 PROTECT EXISTING SINGLE WING CATCH BASIN

TRANSFORMER DIG OUT AROUND TRANSFORMER TO STORM PIPE, CHECK PIPE / MH CONNECTION, GROUT WATER TIGHT & BACKFILL, COMPACT & SOD

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

2 C300 DEMOLISH & REPLACE ±11' OF EXISTING CURB & GUTTER

3 C300 DEMOLISH & REPLACE ± 9' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 15' OF ±4' WIDE CONCRETE SIDEWALK

Sd2-P C300 PROTECT EXISTING SINGLE WING CATCH BASIN

3 C300 DEMOLISH & REPLACE ± 16' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

3 C300 DEMOLISH & REPLACE ± 12' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

1B C300 TYPICAL DEEP PATCH MILL 6-1/2" DEPTH AS REQUIRED TO REPAIR DAMAGED AREAS OF ASPHALT PAVEMENT. INSTALL 4" OF 25 MM SUPERPAVE, TACK COAT, AND 1" OF 'D' MIX AND 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 27' OF ±4' WIDE CONCRETE SIDEWALK

ALTON FRANK WAY

CHARESA LANE

FORTUNE DRIVE

MATCH LINE: STA: 0+90

MATCH LINE: STA: 0+70

MATCH LINE: STA: 5+80

MATCH LINE: STA: 26+90

2297 2287 2277 2272 2267 2257 2252 2270 2280 2260 2275 2285

D1 D2 A9

GRAPHIC SCALE 1"=20' (0, 20', 40')

GA83-WF

N

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SITE PLAN
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CITY OF DACULA, GA GWINNETT COUNTY

CONSULTANT PROJECT # 21-0114

PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C205

October 19, 2022

File Path:P:\2021\011\4-ENGINEERING\SHEET FILES\21-0114 D-CD-SIT.dwg

MATCH LINE: STA: 0+70

MATCH LINE: STA: 0+70

WING CATCH BASIN

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

389

1+00

1+50

2+00

CHARESA LANE

1045.7

E1

DEMOLISH & REPLACE ± 8' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

394

2+50

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

399

3+00

DEMOLISH & REPLACE ± 17' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 260' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

3+50

MATCH LINE: STA: 4+80

414

4+00

0+00

E2

4+50

5+00

CHARE

2258

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 6' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

0+50

MATCH LINE: STA: 4+80

2253

DEMOLISH & REPLACE ± 18' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 2' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION (4 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

1+00

1+20

KALE COURT

2238

F1

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

2233

0 20' 40'

GRAPHIC SCALE 1"=20'

2237

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

Sd2-P / C300 PROTECT EXISTING SINGLE WING CATCH BASIN

4 / C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

2222

3 / C300 DEMOLISH & REPLACE ± 5' OF ±4' WIDE CONCRETE SIDEWALK

D3

2232

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION (4 / C300)

8+14

8+00

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1 / CXXX)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

7+50

7+00

ALTON FRANK WAY

2252

DEMOLISH & REPLACE ± 7.5' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

MATCH LINE: STA: 5+80

2247

6+50

6+00

1048.1

DEMOLISH & REPLACE ± 10' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE (1A / C300)

2257

DEMOLISH & REPLACE ± 9' OF ±4' WIDE CONCRETE SIDEWALK (3 / C300)

MATCH LINE: STA: 5+80

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SITE PLAN

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IMPROVEMENTS PROJECT
FOR CITY OF DACULA

CITY OF DACULA, GA

GWINNETT COUNTY

CONSULTANT PROJECT # 21-0114

PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .

JOB No. 21-0114

DATE : OCTOBER 24, 2022

FILE No.

SHEET No. C206

October 19, 2022
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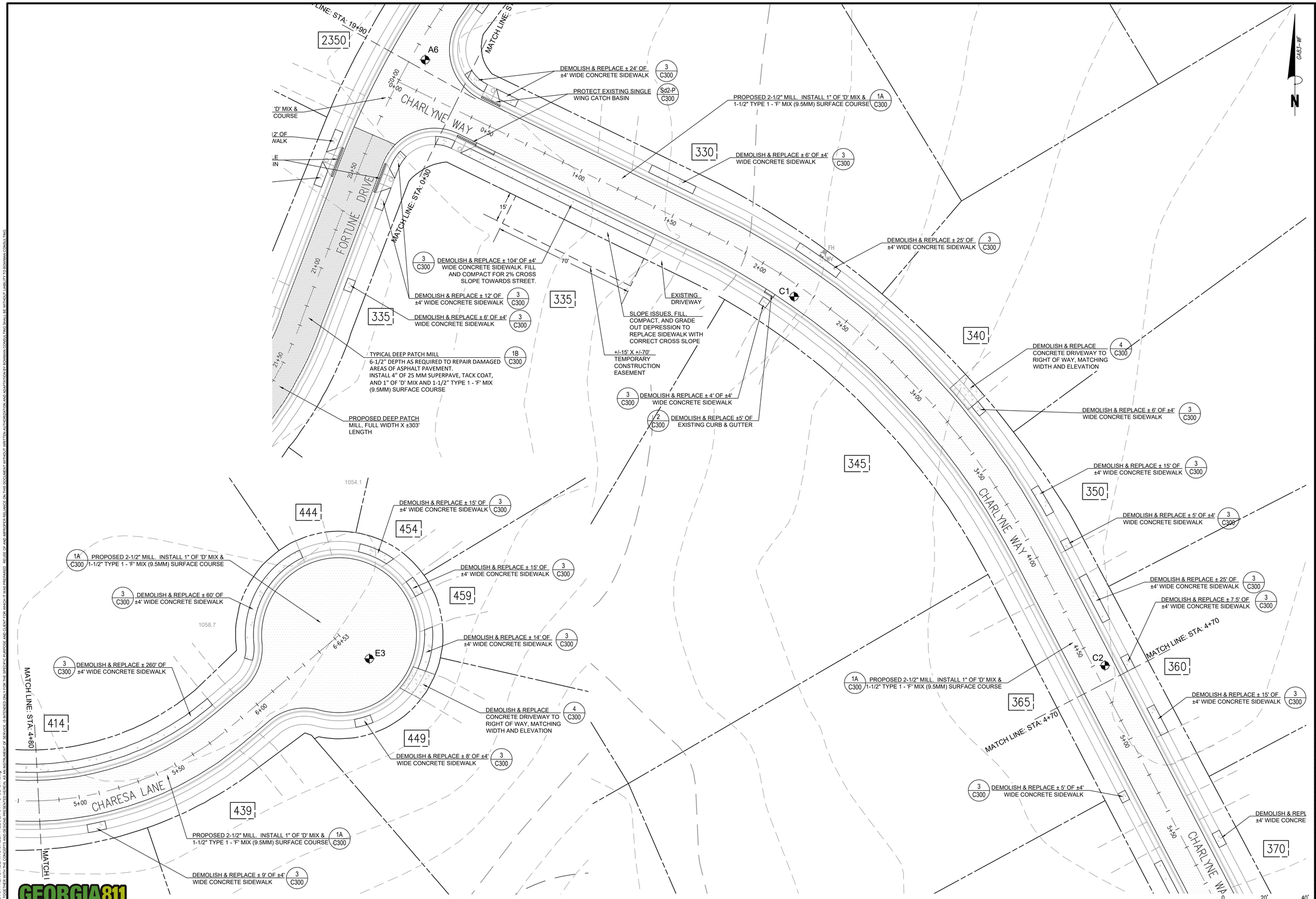

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GWINNETT COUNTY

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PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.

SHEET No. C207

DE CONCRETE SIDEWALK C300

OF 3 C300
WALK

4 C300

1070.5

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

MATCH LINE: STA: 4+70

MATCH LINE: ST

4+50

C2

360

365

DEMOLISH & REPLACE ± 15' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

5+00

3 C300 DEMOLISH & REPLACE ± 5' OF ±4' WIDE CONCRETE SIDEWALK

DEMOLISH & REPLACE ± 7.5' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

5+50

CHARLYNE WAY

370

DEMOLISH & REPLACE ± 23' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ±70' OF EXISTING CURB & GUTTER 2 C300

6+00

3 C300 DEMOLISH & REPLACE ± 30' OF ±4' WIDE CONCRETE SIDEWALK

DEMOLISH & REPLACE ± 10' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

3 C300 DEMOLISH & REPLACE ± 70' OF ±4' WIDE CONCRETE SIDEWALK

6+50

C3

380

375

FH WV

7+00

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

3 C300 DEMOLISH & REPLACE ± 25' OF ±4' WIDE CONCRETE SIDEWALK

390

DEMOLISH & REPLACE ± 7.5' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

7+50

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

400

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION 4 C300

3 C300 DEMOLISH & REPLACE ± 8' OF ±4' WIDE CONCRETE SIDEWALK

8+00

DEMOLISH & REPLACE ± 80' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

1A C300 PROPOSED 2-1/2" MILL. INSTALL 1" OF 'D' MIX & 1-1/2" TYPE 1 - 'F' MIX (9.5MM) SURFACE COURSE

DEMOLISH & REPLACE ± 25' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

3 C300 DEMOLISH & REPLACE ± 8' OF ±4' WIDE CONCRETE SIDEWALK

445

1063.4

DEMOLISH & REPLACE ± 13' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

DEMOLISH & REPLACE ± 56' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

4 C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

425

8+50

C4

410

9+00

CHARLYNE WAY

455

4 C300 DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION

9+50

11+32

11+00

10+50

10+00

1058.6

C5

420

450

DEMOLISH & REPLACE ± 7.5' OF ±4' WIDE CONCRETE SIDEWALK 3 C300

3 C300 DEMOLISH & REPLACE ± 7' OF ±4' WIDE CONCRETE SIDEWALK

3 C300 DEMOLISH & REPLACE ± 13' OF ±4' WIDE CONCRETE SIDEWALK

2 C300 DEMOLISH & REPLACE ±13' OF EXISTING CURB & GUTTER

440

430

DEMOLISH & REPLACE ±10' OF EXISTING CURB & GUTTER 2 C300

DEMOLISH & REPLACE CONCRETE DRIVEWAY TO RIGHT OF WAY, MATCHING WIDTH AND ELEVATION 4 C300

DEMOLISH & REPLACE ±70' OF EXISTING CURB & GUTTER 2 C300

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GRAPHIC SCALE 1"=20'
0 20' 40'

GRID N
GRID E

N

October 19, 2022
File Path:P:\2021\0114\ENGINEERING\SHEET FILES\21-0114-D-CD-SIT.dwg

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SITE PLAN
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT
IMPROVEMENTS PROJECT
FOR CITY OF DACULA
CITY OF DACULA, GA GWINNETT COUNTY

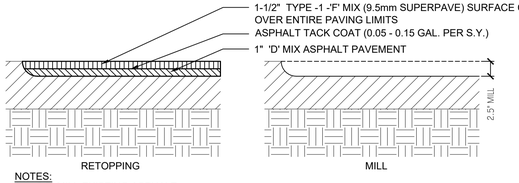
CONSULTANT PROJECT # 21-0114

PLAN STATUS	
2022/10/24	BID SET

DATE	DESCRIPTION

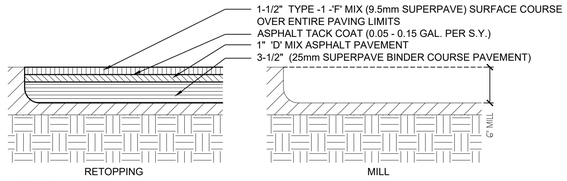
KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C208



NOTES:
1. 2.5" MILL EXISTING ASPHALT.
2. INSTALL 1" 'D' MIX OVER ENTIRE PAVING LIMITS.
3. INSTALL TACK COAT.
4. INSTALL 1-1/2" 'F' MIX (9.5mm) SURFACE COURSE.
5. RE-STRIPE PAVEMENT AND PARKING MARKINGS TO MATCH EXISTING CONDITIONS.
6. REFER TO SHEET C100 FOR MILLING LIMITS AND C200 FOR PAVEMENT LIMITS.

A MILL & RE-TOPPING

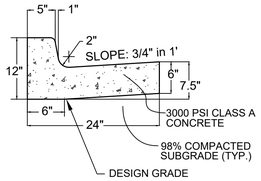


NOTES:
1. 6" MILL EXISTING ASPHALT.
2. INSTALL 3-1/2" (25mm SUPERPAVE).
3. INSTALL 1" 'D' MIX OVER ENTIRE PAVING LIMITS.
4. INSTALL TACK COAT.
5. INSTALL 1-1/2" 'F' MIX (9.5mm SUPERPAVE) SURFACE COURSE.
6. RE-STRIPE PAVEMENT AND PARKING MARKINGS TO MATCH EXISTING CONDITIONS.
7. REFER TO SHEET C100 FOR MILLING LIMITS AND C200 FOR PAVEMENT LIMITS.

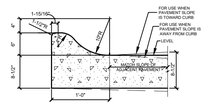
B DEEP PATCH MILL & RE-TOPPING

1 C300 PAVEMENT DETAILS

N.T.S.



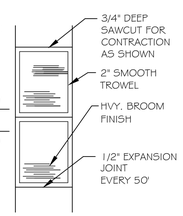
A STANDARD CURB & GUTTER



B ROLL-OVER CURB & GUTTER

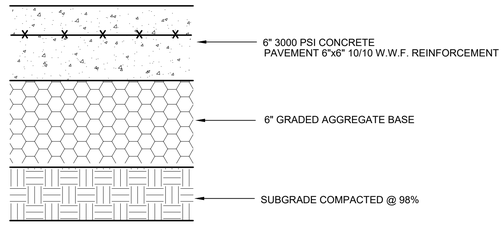
2 C300 CONCRETE CURB & GUTTER

N.T.S.



3 C300 CONCRETE SIDEWALK DETAILS

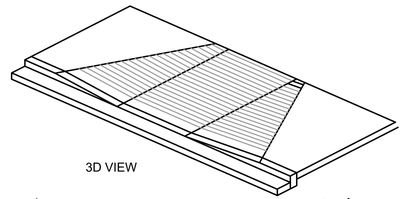
N.T.S.

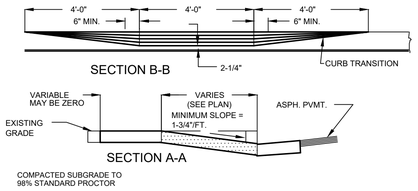


4 C300 CONCRETE DRIVEWAY DETAIL

N.T.S.

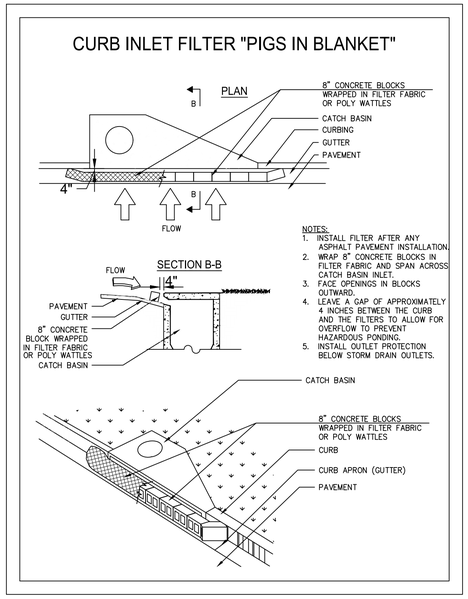
HANDICAP RAMP NOTES:
1. THE LOCATION OF CROSSWALK LINES AND STOP BARS, WHEN REQUIRED, WILL BE COORDINATED WITH THE RAMPS.
2. RAMPS WILL BE CONSTRUCTED FROM CONCRETE. SPECIFICATIONS FOR RAMP WILL BE THE SAME AS FOR CONCRETE SIDEWALK.
3. CURB RAMPS SHALL HAVE A DETECTABLE WARNING TO COMPLYING WITH RULE 120-3-20-40 OF THE GA ACCESSIBILITY CODE. THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP INCLUDING FLARES. DETECTABLE WARNING TEXTURES ON WALKING SURFACES SHALL CONSIST OF EXPOSED AGGREGATE CONCRETE, CUSHIONED SURFACES MADE OF RUBBER OR PLASTIC, RAISED STRIPS. TEXTURE SHALL CONTRAST WITH THAT OF THE SURROUNDING SURFACE. THE MATERIAL USED TO PROVIDE CONTRAST SHOULD CONTRAST BY AT LEAST 70%. SEE 120-3-20-40 OF THE GA ACCESSIBILITY CODE TO DETERMINE THIS VALUE.





5 C300 ADA RAMP & DETECTIBLE STRIP DETAIL

N.T.S.



NOTES:
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
3. FACE OPENINGS IN BLOCKS OUTWARD.
4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.

Sd2-P C300 TEMPORARY INLET SEDIMENT TRAP (Sd-2-P, PIG-N-BLANKET)

NTS

SOD PLANTING REQUIREMENTS

GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDAGRASS	COMMON TIFWAY TIFGREEN TIFLAWN	M-L, P, C P, C P, C P, C	WARM WEATHER
BABHIAGRASS	PENSACOLA	P, C	WARM WEATHER
CENTIPEDE	---	P, C	WARM WEATHER
ST. AUGUSTINE	COMMON BITTERBLUE RALEIGH	C	WARM WEATHER
ZOYSIA	EMERALD MYER	P, C	WARM WEATHER
TALL FESCUE	KENTUCKY 31	M-L, P	COOL WEATHER

LIME AND FERTILIZER - RATES AND ANALYSIS

A. WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED, AGRICULTURAL LIME SHALL BE APPLIED AS INDICATED BY SOIL TEST OR AT THE RATE OF 1 TO 2 TONS PER ACRE. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE. LIME SPREAD BY CONVENTIONAL EQUIPMENT CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 90 PERCENT OF THE MATERIAL WILL PASS THOUGH A 10-MESH SIEVE, NOT LESS THAN 25 PERCENT WILL PASS THROUGH A 100-MESH SIEVE. AGRICULTURAL LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT LIMESTONE." FINELY GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 98 PERCENT OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE AND NOT LESS THAN 70 PERCENT WILL PASS THROUGH 100-MESH SIEVE. IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOOD AREAS.

B. NO AGRICULTURAL LIME IS REQUIRED WHERE ONLY TEMPORARYSEEDING IS TO BE DONE OR WHERE ONLY TREES ARE PLANTED.

C. INITIAL FERTILIZATION REQUIREMENTS FOR EACH SPECIES OR COMBINATION OF SPECIES ARE LISTED IN TABLE 6-25.1, P 6-144. APPLY FERTILIZER: 5-10-15 @ 1500LBS/ACRE. (TYPICAL)

LIME FERTILIZER - APPLICATION

A. WHEN HYDRAULIC SEEDING EQUIPMENT IS USED:

1. THE INITIAL FERTILIZER WILL BE MIXED WITH SEED, INOCULANT (IF NEEDED) AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH AND APPLIED IN A SLURRY. THE SLURRY MIXTURE WILL BE AGITATED DURING APPLICATION TO KEEP THE INGREDIENTS THOROUGHLY MIXED. THE MIXTURE WILL BE SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER BEING PLACED IN THE HYDROSEEDER.

2. FINELY GROUND LIMESTONE WILL BE MIXED WITH WATER AND APPLIED IMMEDIATELY AFTER MULCHING IS COMPLETED OR IN COMBINATION WITH THE TOP DRESSING.

B. WHEN CONVENTIONAL PLANTING IS TO BE DONE, LIME AND FERTILIZER WILL BE APPLIED UNIFORMLY IN ONE OF THE FOLLOWING WAYS:

1. APPLY BEFORE LAND PREPARATION SO THAT IT WILL BE MIXED THE SOIL DURING SEEDBED PREPARATION: OR,

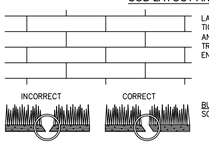
2. MIX WITH THE SOIL USED TO FILL THE HOLES, DISTRIBUTE IN FURROWS, OR

3. BROADCAST AFTER STEEP SURFACES ARE SCARIFIED, PITTED OR TRENCHED.

4. 'JA' FERTILIZER PELLET WILL BE PLACED AT ROOT DEPTH BESIDE EACH PINE TREE SEEDLING.

SOD MAINTENANCE AND INSTALLATION

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.

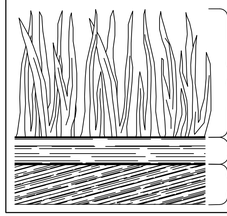
DIRECTIONS FOR INITIAL MAINTENANCE

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.

Ds4 C300 PERMANENT GRASSING SOD

NTS

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October 19, 2022
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CONSTRUCTION DETAILS
2022 CDBG - BROOKTON STATION SUBDIVISION
ASPHALT MILLING, REPAVING, AND SIDEWALK REPLACEMENT
IMPROVEMENTS PROJECTS
FOR CITY OF DACULA
GWINNETT COUNTY
CITY OF DACULA, GA

CONSULTANT PROJECT # 21-0114

PLAN STATUS

2022/10/24	BID SET

DATE	DESCRIPTION	
KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE .
JOB No. 21-0114
DATE : OCTOBER 24, 2022
FILE No.
SHEET No. C300