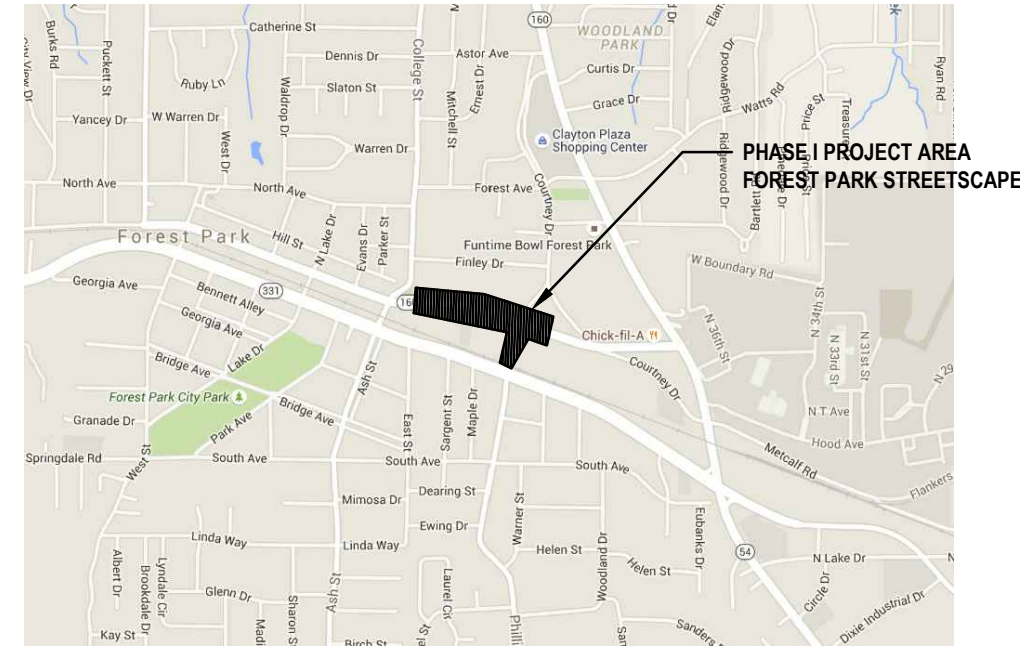


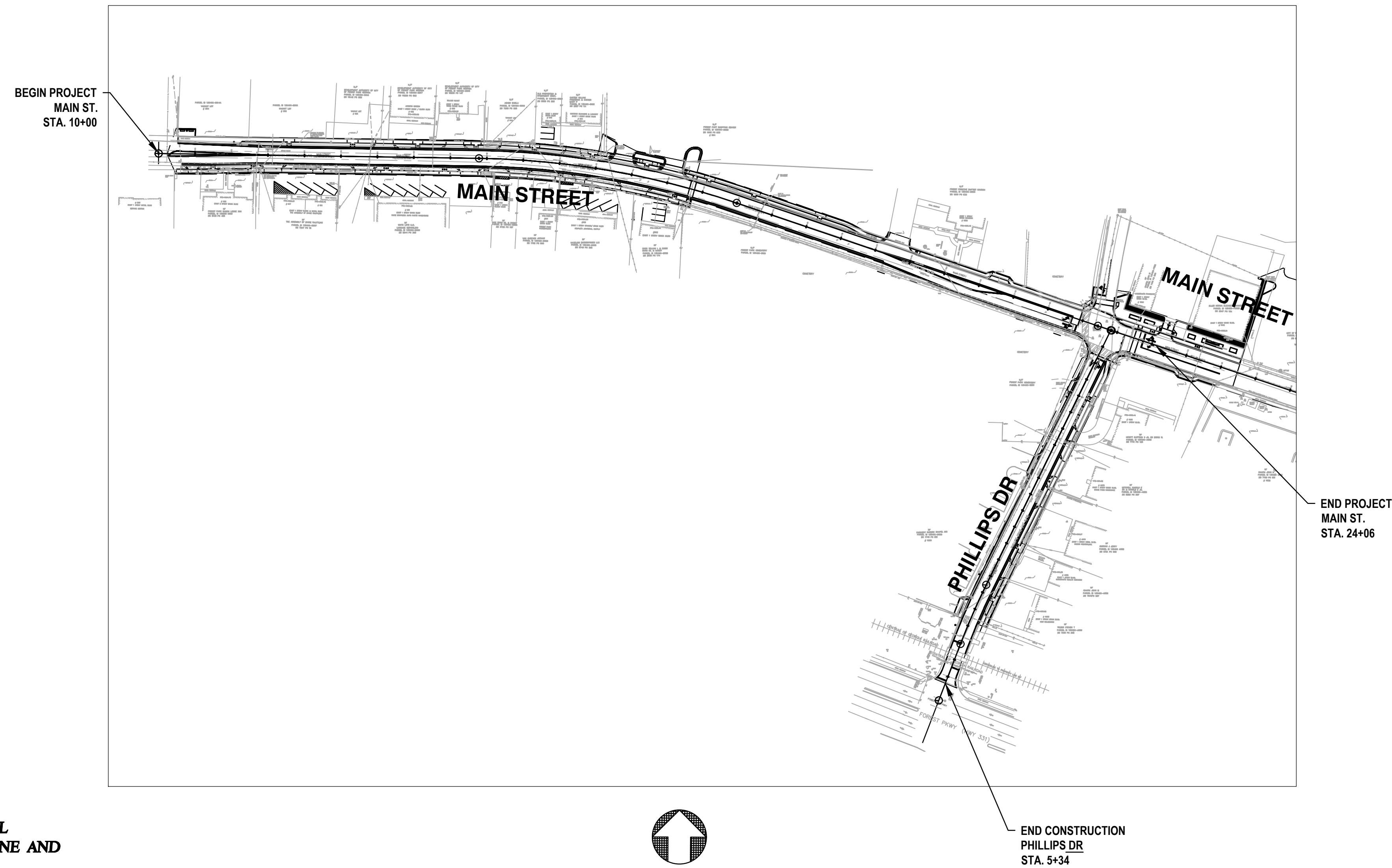
CITY OF FOREST PARK, GEORGIA

CONSTRUCTION PLANS FOR PROPOSED: FOREST PARK DOWNTOWN STREETScape PHASE 2A - MAIN STREET

LOCALLY FUNDED - APRIL 2022



PROJECT LOCATION MAP
NTS



THIS PROJECT IS PREPARED USING THE HORIZONTAL COORDINATE SYSTEM OF 1985 (NAD 83), GA EAST ZONE AND NORTH AMERICAN VERTICAL DATUM (NAVD 88).

PROJECT DESIGNATION: THIS PROJECT IS EXEMPT

THIS PROJECT IS LOCATED 100% IN CLAYTON COUNTY AND THE CITY OF FOREST PARK

PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2021 EDITION AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AS MODIFIED BY CONTRACT DOCUMENTS.



PROJECT MAP

SCALE: 1" = 100'
PREPARED BY:



LENGTH OF PROJECT	FEET
CLAYTON COUNTY	
NET LENGTH OF BRIDGES	N/A
NET LENGTH OF PROJECT	1,966
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	1,966



PROJECT NO.
2021008.20/1400400

COUNTY
CLAYTON

Robert and Company
Engineers, Designers, Planners
229 Peachtree Street, N.E. International Tower
Suite 2000, Atlanta, Georgia 30303-1629
404 577-4000 FAX: 404 577-7119
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REVISION	BY	DATE	SYMBOL



SPONSOR/CITY
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETScape

DATE
APRIL 2022

SCALE
AS SHOWN

PROJECT NO.
2021008.20/1400400

DRAWING TITLE
COVER SHEET

DRAWING NO.
G.01

SHEET 1 OF 130

PROJECT NOTES:

GENERAL NOTES:

- CONTRACTOR SHALL FOLLOW ALL GEORGIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, DETAILS AND STANDARDS, LATEST EDITION.
- THE COST FOR DEMOLITION AND REMOVAL OF ALL ITEMS SUCH AS CONCRETE, ASPHALT, CURB, PIPES, INLETS, AND OTHER MISCELLANEOUS ITEMS SHALL BE COVERED IN THE 'GRADING COMPLETE' PAY ITEM.
- THE COST FOR MOVING AND RESETTING ALL SIGNS, AND BOXES SHALL BE INCLUDED IN THE 'GRADING COMPLETE' PAY ITEM.
- 24 HOUR CONTACT: CITY OF FOREST PARK PUBLIC WORKS.
- CONTRACTOR IS TO MAINTAIN PUBLIC ACCESS TO ADJACENT PROPERTIES AT ALL TIMES.
- CONTRACTOR IS TO PROVIDE TEMPORARY WALKS, TEMP. SIGNAGE, TEMP. TRAFFIC SIGNALS (INCLUDING COVERING SIGNALS NOT IN USE) AND /OR OTHER MEANS AS NECESSARY TO ENSURE SAFETY AND UNINTERRUPTED FLOW OF VEHICULAR AND PEDESTRIAN TRAFFIC AT ALL TIMES DURING CONSTRUCTION. COST SHALL BE COVERED IN TRAFFIC CONTROL.
- ALL SIDEWALKS SHALL BE ADA COMPLIANT. SEE LOCAL AND NATIONAL ADA REQUIREMENTS FOR ALL CROSS SLOPES, GRADIENT SLOPES, HANDRAILS, RAMPS, LANDINGS, ETC.
- ALL DISTURBED AREAS NOT CALLED OUT AS LAWN OR PLANTED AREA IS TO BE SEEDED WITH BERMUDA GRASS.
- FOR EROSION CONTROL, FOREST PARK ALLOWS THE USE OF THE MEASURES SHOWN IN THE EROSION CONTROL PLANS SECTION 54. ANY DEVIATION FROM THIS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- CONTRACTOR TO RESET EXISTING DRAINAGE STRUCTURE ELEVATIONS TO FINISH GRADE AND THIS IS TO BE INCLUDED AS PART OF 'GRADING COMPLETE'.
- ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERE TO FOR ADDITIONAL INFORMATION.
- THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE CITY OF FOREST PARK.
- DISTURBED AREA FOR IS APPX. 0.46 ACRES, A NOI WILL BE REQUIRED FOR THIS PROJECT.
- ANY CONFLICT OR DEVIATION FROM THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH THE CITY OF FOREST PARK DURING ALL CONSTRUCTION ACTIVITIES INVOLVING UTILITY RELOCATION, REMOVAL, OR DEMOLITION.
- THE CONTRACTOR WILL PROVIDE THE CITY OF FOREST PARK WITH A PROPOSED SCHEDULE OF CONSTRUCTION PRIOR TO ANY CONSTRUCTION MEASURES. THE CITY OF FOREST PARK MUST APPROVE ANY DEVIATION FROM ORIGINAL SCHEDULE OF CONSTRUCTION ACTIVITIES.
- IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN SAFE, CLEARLY MARKED TEMPORARY PEDESTRIAN ACCESS BRIDGES AND/OR STABILIZED WALKWAYS TO ALL BUILDING ENTRANCES ADJACENT TO THE PROJECT SITE DURING NORMAL BUSINESS HOURS THROUGHOUT THE DEMOLITION AND CONSTRUCTION PROCESS.
- ALL ADA RAMPS AND CONCRETE SIDEWALK WITHIN THE INTERSECTION RADII ARE TO BE 8 INCH CONCRETE. THE COST FOR ADA RAMPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.
- ALL DRIVEWAYS ARE TO BE PAVED BACK TO THE TIE-IN POINT OR REQUIRED RIGHT OF WAY WHICHEVER IS GREATER. EARTH/GRAVEL DRIVEWAYS WILL BE PAVED WITH ASPHALT TO THE R/W LINE AND CONTINUED WITH AGGREGATE SURFACE COURSE TO THE TIE-IN POINT.
- ALL COMMERCIAL DRIVEWAYS ON THE PROJECT WILL BE CONCRETE WITH 8" THICKNESS.

TRAFFIC CONTROL NOTES

- PRICE BID FOR TRAFFIC CONTROL- LUMP SUM SHALL INCLUDE, BUT IS NOT LIMITED TO CONSTRUCTION MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES', CURRENT EDITION AND/OR AS DIRECTED BY THE ENGINEER.
- WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDING, UNLESS SPECIFIED DIFFERENTLY BY THE TRAFFIC ENGINEER TO BE INCLUDED IN 'TRAFFIC CONTROL'.
- ALL STRIPING AND SIGNAGE ITEMS MUST MEET LATEST MUTCD, GDOT, AND GEORGIA CODE.
- THE CONTRACTOR SHALL COVER ALL MILLED SURFACES BEFORE THEY ARE OPEN TO TRAFFIC.

LAYOUT NOTES

- ALL DIMENSIONS ARE THE FACE OF THE CURB, BUILDING, WALL, EDGE OF PAVEMENT, FACE OF CURB, ETC., UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE ELEMENTS FROM WHICH THEY ARE MEASURED, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- ANY DEVIATION FROM THESE DRAWINGS IN THE FIELD DURING CONSTRUCTION SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION AND THEN RECORDED ON 'AS BUILT' DRAWINGS.
- ALL PAVED AREAS ARE TO BE CONSTRUCTED IN SUCH A MANNER TO PREVENT PONDING OF WATER AND ALLOW FOR POSITIVE DRAINAGE. SIDEWALKS SHALL BE CONSTRUCTED IN SUCH A MANNER THAT PROVIDES POSITIVE DRAINAGE AT A MAXIMUM CROSS SLOPE OF 2%. SOME WARPING AROUND EXISTING FIXED ELEMENTS MAY BE REQUIRED. MINIMUM CROSS SLOPE ON SIDEWALKS SHALL BE 0.5% UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- WHERE NEW PAVEMENT MEETS EXISTING PAVING, CONTRACTOR SHALL MATCH EXISTING LINE AND GRADE UNLESS OTHERWISE NOTED IN THE PLANS.
- CONTRACTOR SHALL MATCH EXISTING GRADES AS SHOWN IN THE PLANS, TYPICAL SECTIONS, OR CROSS SECTIONS.
- CONTRACTOR TO CONFIRM POSITIVE DRAINAGE FROM EXISTING CONDITION PRIOR TO CONSTRUCTION. ALL NEW GRADING IS TO BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO LANDSCAPE PLANTINGS.
- CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS AND REPORT ALL LAYOUT DISCREPANCIES IMMEDIATELY TO ENGINEER. CONTRACTOR SHOULD VERIFY THAT ALL DIMENSIONS WORK IN THE FIELD PRIOR TO CONSTRUCTION.
- LIMIT OF WORK SHALL BE AS SHOWN ON PLANS UNLESS OTHERWISE NOTED.
- LAYOUT DIMENSIONS ARE TO THE CENTER OF TREES, POLES, POSTS, RADII, ETC UNLESS OTHERWISE NOTED.

GRADING NOTES:

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT EXISTING UTILITIES ARE SHOWN ON THESE PLANS IS PER THE SURVEY BY J. B. PRINCE & ASSOCIATES, INC. DATED 5/2013. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO HAVE UTILITIES MARKED IN THE FIELD.
- EXISTING DRAINAGE STRUCTURES ARE TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS. THIS SHALL BE INCLUDED UNDER 'GRADING COMPLETE' PAY ITEM.
- THE CONTOUR INTERVAL SHOWN IN THE PLANS IS AT 1 FOOT INTERVALS.
- THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER RECORD DRAWINGS OF 'AS-BUILT' CONDITIONS FOR THE DEVELOPMENT OF THE SITE. THIS INCLUDES DRAINAGE INVERTS AND ADJUSTED STORM PROFILES.
- CONTRACTOR TO RESET EXISTING DRAINAGE STRUCTURE ELEVATIONS TO PROPOSED FINISH GRADE AND TO BE INCLUDED AS PART OF GRADING COMPLETE.

TREE PROTECTION NOTES:

- THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENTS, STAGING, CONSTRUCTION, VEHICLE USE, BORROW OR WASTE ACTIVITIES, SEDIMENT BASINS, TRAILER PLACEMENT, ETC.) OCCUR UNDER THE DRIP LINE OF EXISTING TREES IN THE RIGHT OF WAY OR DIRECTLY ADJACENT TO THE LIMITS OF DISTURBANCE FOR THE PROJECT.

DEMOLITION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION ON SITE. ALL EXISTING FEATURES, UTILITIES AND ELEMENTS TO REMAIN, INCLUDING, BUT NOT LIMITED TO , THE EXISTING JUNCTION BOXES, PULL BOXES, FIRE HYDRANTS, METERS, HOUSINGS, VALVE BOXES, MANHOLES, FRAMES, COVERS AND GRATINGS, SHALL BE PROTECTED IN PLACE. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE TO ANY EXISTING FEATURE INTENDED TO REMAIN.
- THE CONTRACTOR SHALL TAKE THE PROPER PRECAUTIONS AS TO NOT DAMAGE EXISTING FEATURES TO ADJACENT PROPERTIES. THE CONTRACTOR SHALL RESTORE ANY DISTURBED AREAS ON ADJACENT PROPERTIES TO THEIR ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE NOTED.
- EXISTING PAVEMENT SHALL BE SAW CUT BEFORE REMOVAL. ALL SAW CUTS SHALL BE STRAIGHT, EVEN CUTS. JAGGED CUTS WILL NOT BE PERMITTED. THE SAWCUT IS TO BE AT THE FRONT EDGE OF THE CURB POUR. AREAS INDICATED ON THE PLANS ARE APPROXIMATE. CONTRACTOR MAY BE RESPONSIBLE FOR ADDITIONAL SAWCUTTING AS NEEDED. CONTRACTOR SHALL CLEAN UP ALL DEBRIS RELATED TO THE SAWCUT PROCESS ON THE SAME DAY THE CUT IS MADE.
- CONTRACTOR SHALL REMOVE AND SALVAGE ALL EXISTING STREET SIGNAGE AND TRAFFIC CONTROL SIGNS AND POSTS.
- THE CONTRACTOR IS TO REMOVE THE CURB AND GUTTER, AND EXISTING ASPHALT PAVEMENT FOR THE ROADS AS SHOWN ON THE PLANS. THIS SHALL BE INCLUDED IN THE 'GRADING COMPLETE' PAY ITEM.
- SEE GRADING AND DRAINAGE PLANS FOR DRAINAGE STRUCTURES TO BE REMOVED, RELOCATED OR PROTECTED IN PLACE, DURING DEMOLITION. THIS SHALL BE INCLUDED IN THE 'GRADING COMPLETE' PAY ITEM.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING ASPHALT, CONCRETE, AND SUBGRADE MATERIAL IN PROPOSED PLANTING AREAS. THE CONTRACTOR SHALL PROVIDE A MINIMUM DEPTH OF 18" OF PLANT MIXTURE IN THE FUTURE PLANTING AREAS. THE CONTRACTOR IS TO GRADE THE FUTURE LANDSCAPE AREAS SO AS POSITIVE DRAINAGE CAN OCCUR IN THE DIRECTION OF THE STREET. ALL SLOPED GRADES GOING INTO PLANTER EDGES ARE TO BE ONE INCH BELOW THE WALKWAY OR CURB HEIGHTS. THIS SHALL BE INCLUDED IN THE 'GRADING COMPLETE' PAY ITEM.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS OFF THE SITE DAILY. CONTRACTOR SHALL MINIMIZE DUST IMPLICATIONS FROM CONSTRUCTION AT THE END OF EACH WORK DAY. SEE GDOT EROSION CONTROL DUST CONTROL DETAIL. THIS SHALL BE INCLUDED IN THE 'GRADING COMPLETE' PAY ITEM.
- THE CONTRACTOR SHALL USE GDOT DETAIL 1401 FOR ALL EXCAVATION FOR STORM PIPE WHETHER PARALLEL OR PERPENDICULAR TO THE ROAD.

UTILITIES

- EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE PER THE SURVEY BY J.B. PRINCE & ASSOCIATES DATED 5/2013.
- CONTRACTOR TO COORDINATE WITH ALL UTILITY PROVIDERS REGARDING CONSTRUCTION SCHEDULE, UTILITY RELOCATION EFFORTS AND COORDINATION/SCHEDULING OF RELATED WORK PRIOR TO BEGINNING CONSTRUCTION.
- THE FOLLOWING UTILITY OWNERS HAVE FACILITIES WHICH MAY CONFLICT WITH CONSTRUCTION ON THIS PROJECT.

UTILITY OWNER	SERVICE
POWER	GEORGIA POWER
CABLE	COMCAST
TELEPHONE	AT&T
WATER & SEWER	CLAYTON COUNTY WATER
NATURAL GAS	ATLANTA GAS & LIGHT



STANDARD SIGNS NOTES

- ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
- SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.
- ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
- SINGLE PLATE. HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE INCH DIAMETER. DRILLED OR PUNCHED. AS SHOWN ON THE SIGN PLATE DETAILS.
- EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
- SIGN ASSEMBLIES SHALL BE MOUNTED ON ORNAMENTAL SIGN POLES AND WITH SIGN FRAMES AS DETAILED.
- TYPE 9 1 VERY HIGH INTENSITY REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
- TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).
- TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
- TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
- A 3/8" INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
- WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(ADDITIONAL 3/8 INCH DIAMETER HOLES) DRILLED OR PUNCHED SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
- FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS. SEE DETAILS OF MISCELLANEOUS SIGNS.
- THE CONTRACTOR WILL AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER. BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

PROJECT NO. 2021008.20/1400400	
COUNTY: CLAYTON	
 Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404-571-4800 FAX: 404-571-7179 www.robertandcompany.com	
REVISION	BY
DATE	DATE
SYMBOL	SYMBOL
 LEVEL 2 CERTIFICATION #4954	
SPONSOR/CLIENT	PROJECT
DATE	SCALE
CHECKED	AS SHOWN
DRAWN	PHASE 2A
DESIGNED	GENERAL NOTES
PROJECT NO.	DRAWING TITLE
DRAWING NO.	DRAWING NO.
04.04	
SHEET 4 OF 130	

TRAFFIC CONTROL	
150-1000	LUMP SUM

MOBILIZATION	
151-1000	LUMP SUM

EROSION CONTROL			
ITEM NO.	ITEM	UNIT	QUANT.
163-0232	TEMPORARY GRASSING	AC	1
163-0240	MULCH - HAY	TN	1
163-0300	CONSTRUCTION EXIT	EA	2
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	6
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TYPE C	LF	4100
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	12
167-1500	WATER QUALITY INSPECTIONS, MONITORING AND SAMPLING	MO	8
171-0030	TERMPORARY SILT FENCE, TYPE C	LF	4100

GRADING COMPLETE	
210-0100	LUMP SUM
*TO INCLUDE BUT NOT BE LIMITED TO ALL GRADING, DEMOLITION, AND MATCHING TO GRADE ANY UTILITIES.	

SIDEWALK & ROADWAY PAVING ITEMS			
ITEM NO.	ITEM	UNIT	QUANT.
402-1802	RECYCLED ASPH CONC PATCHING, INCL BIT MATL AND H LIME	SY	FIELD VERIFIED
402-1812	RECYCLED ASPH CONC LEVEL, INCL BIT MATL AND H LIME	SY	5000
402-3910	1.5" RECYC ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCLU BIT MATL. AND H LIME	SY	5000
413-1000	BITUM TACK COAT	GL	500
432-5010	MILL ASPHALT CONC. PVMT, VAR DEPTH	SY	5000
500-9999	CLASS A CONCRETE, BASE OF PAVEMENT WIDENING	CY	225
611-8050	ADJUST DROP INLET TO GRADE	EA	4
611-3100	RECONSTRUCT JUNCTION BOX	EA	4
550-1120	STORM DRAIN PIPE, 15" H 1-10	LF	50
611-8120	ADJUST WATER METER BOX TO GRADE (By Owner)	EA	8
611-8140	ADJUST WATER VALVE BOX TO GRADE (By Owner)	EA	4
611-5460	RESET WATER HYDRANT (By Owner)	EA	4
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	TN	850
310-5080	GR AGGR BASE CRS, 8 INCH, INCL MATL	TN	338
441-0016	DRIVEWAY CONCRETE, 6 IN	SY	575
441-0104B	CONCRETE SIDEWALK, 4 IN	SY	40
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2 - 24 IN DEPTH	LF	4100
900-0039A	BRICK PAVERS - DETECTABLE WARNING	SF	150
900-0039B	BRICK PAVERS - SIDEWALK	SF	12300
900-0039B	BRICK PAVERS - DRIVEWAY	SF	1700
444-1000	SAWED JOINTS IN EXISTING PAVEMENT - PCC	LF	300
	STAMPED ASPHALT	SF	1000

RETAINING WALLS			
ITEM NO.	ITEM	UNIT	QUANT.
500-3107	CLASS A CONCRETE, RETAINING WALL	CY	13
511-1000	BAR REINF STEEL	LF	300
516-0001	1/2" Ø PAINTED STEEL HANDRAIL, SPCL DES (IF NECESSARY)	LF	38
530-0105	WATERPROOFING	SY	8

REM PORTIONS OF EXISTING RETAINING WALL	
610-9005	LUMP SUM

LIGHTING (n/a To be completed by Georgia Power)			
ITEM NO.	ITEM	UNIT	QUANT.
615-1200	DIRECTIONAL BORE, 2-1/2" IN	LF	450
647-2160	PULL BOX, PB-6	EA	13
681-3600	LIGHTING STD. SPCL, DESIGN	EA	25
682-1403	CABLE, TP XHHW, AWG NO 12	LF	1600
682-1405	CABLE, TP XHHW, AWG NO 8	LF	8800
682-1406	CABLE, TP XHHW, AWG NO 6	LF	400
682-1413	CABLE, TP XHHW, AWG NO 1/0	LF	1200
682-6222	CONDUIT, NONMET, TP 2, 2 IN	LF	2600
682-8525	ELECTRICAL POWER SERVICE ASSEMBLY (UNDERGROUND SERVICE POINT)	EA	1

TRAFFIC MARKING, STRIPING, AND SIGNAGE			
ITEM NO.	ITEM	UNIT	QUANT.
636-2000	ORNAMENTAL SIGN POLE	EA	9
636-7020	SIGNAGE, VEHICULAR DIRECTIONAL	EA	4
636-7030	SIGNAGE, PEDESTRIAN	EA	2
636-7070	SIGNAGE, PEDESTRIAN DIRECTIONAL	EA	2
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	1
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	2
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	EA	4
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	2200
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	3640
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	100
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	350

GENERAL NOTE

PROJECT SHALL BE BID AND ADMINISTERED AS A LUMP SUM CONTRACT. QUANTITIES SHOWN HERE SHALL BE CONSIDERED APPROXIMATE, AND ARE PROVIDED FOR INFORMATION ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL QUANTITIES WHEN FORMULATING THEIR BID. UNIT PRICES ARE TO BE INSERTED INTO THE PROPOSAL FORM (SEC 00300).

LANDSCAPING PLANTS AND MATERIAL			
ITEM NO.	ITEM	UNIT	QUANT.
700-0001	GRASSING	SY	890
700-0710	AGRICULTURAL LIME	TN	1
700-8100	FERTILIZER NITROGEN CONTENT	TN	1
701-0020	FERTILIZER MIXED GRADE	GL	50
702-0016	ACER GINNALA 'RED NOVEMBER'	EA	20
702-0905	QUERCUS PHELLOS 'RT3' PP 1 6, 44	EA	2
702-0905	PRUNUS X INCAMP OKAME	EA	16
702-0570	LIRIOPE SPICATA	EA	8916
	RHAPHIOLEPIS X DELACOURIA 'GEORGIA WHITE'	EA	27
702-7502	TREE PROTECTION BARRIER, TYPE 2	LF	100
702-9025	LANDSCAPE MULCH - PINE STRAW	SY	1000
708-1000	PLANT TOPSOIL	CY	15

SITE FURNITURE			
ITEM NO.	ITEM	UNIT	QUANT.
754-4000	WASTE RECEPTACLE UNIT	EA	1
754-5001	BENCH - 8'	EA	2

MISCELLANEOUS CONSTRUCTION	
999-9000	LUMP SUM

PAY ITEM NOTES

- PAY ITEM SHALL INCLUDE CONCRETE FOR PAVER CONTAINMENT BANDING AT BACK OF SIDEWALKS. SEE DETAIL G, DWG 38-01.
- PAY ITEM SHALL INCLUDE CONCRETE HEADER BANDING AT CROSSWALKS. SEE DETAIL I, DWG 38-01.
- PAY ITEM SHALL INCLUDE CONCRETE FOR TURNDOWN SLABS. SEE DETAIL E, DWG 38-01.
- PAY ITEM SHALL INCLUDE CONCRETE BASE SLAB, SETTING BED, PAVERS, AND JOINT MATERIAL. SEE DETAIL C, DWG 38-01.
- PAY ITEM SHALL INCLUDE SETTING BED, PAVERS, AND JOINT MATERIAL ONLY. BASE MATERIAL INCLUDED UNDER PAY ITEMS 310-5080 & 402-3190. SEE DETAIL D, DWG 38-01.
- PAY ITEM "518-0001 PAINTED STEEL HANDRAIL" WILL ONLY BE REQUIRED IF THE PROPOSED RETAINING WALL EXCEEDS 18" IN HEIGHT. TO BE FIELD VERIFIED.

PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON



REVISION	DATE	BY

SPONSOR/CITY: CITY OF FOREST PARK, GEORGIA
PROJECT: FOREST PARK STREETSCAPE

DATE: APRIL 2022
SCALE: AS SHOWN
DESIGNED: MMR
DRAWN: JON
CHECKED: MBK
PROJECT NO.: 2021008.20/1400400
DRAWING TITLE: Phase 2A SUMMARY OF QUANTITIES STA. MAIN ST. 10+00 - 24+05 & PHILLIPS DR.

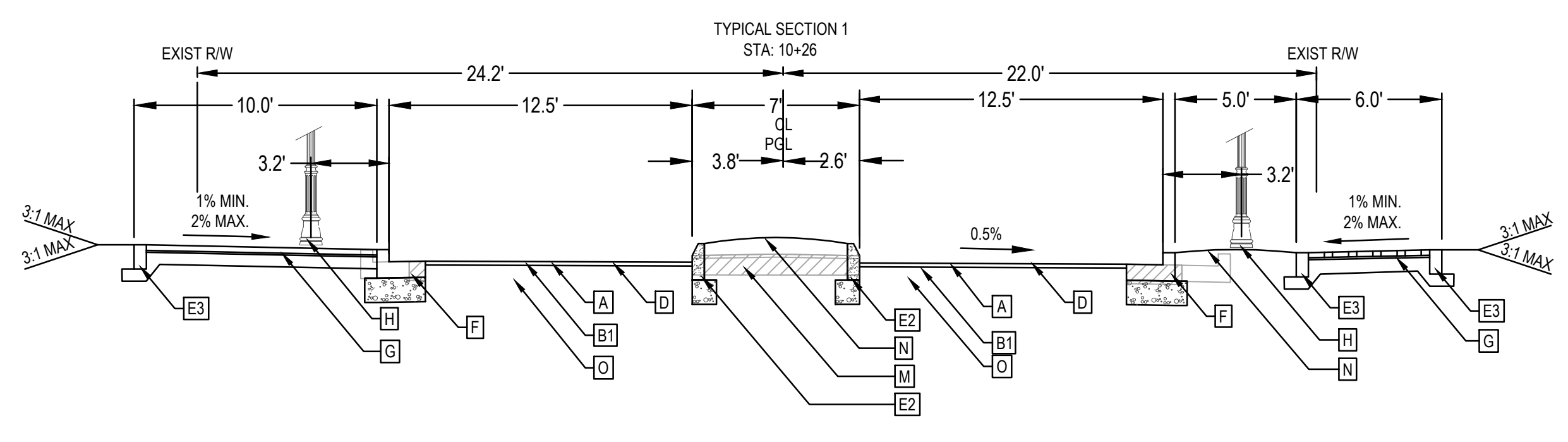
DRAWING NO.
05.01

REVISION	DATE	BY	SYMBOL

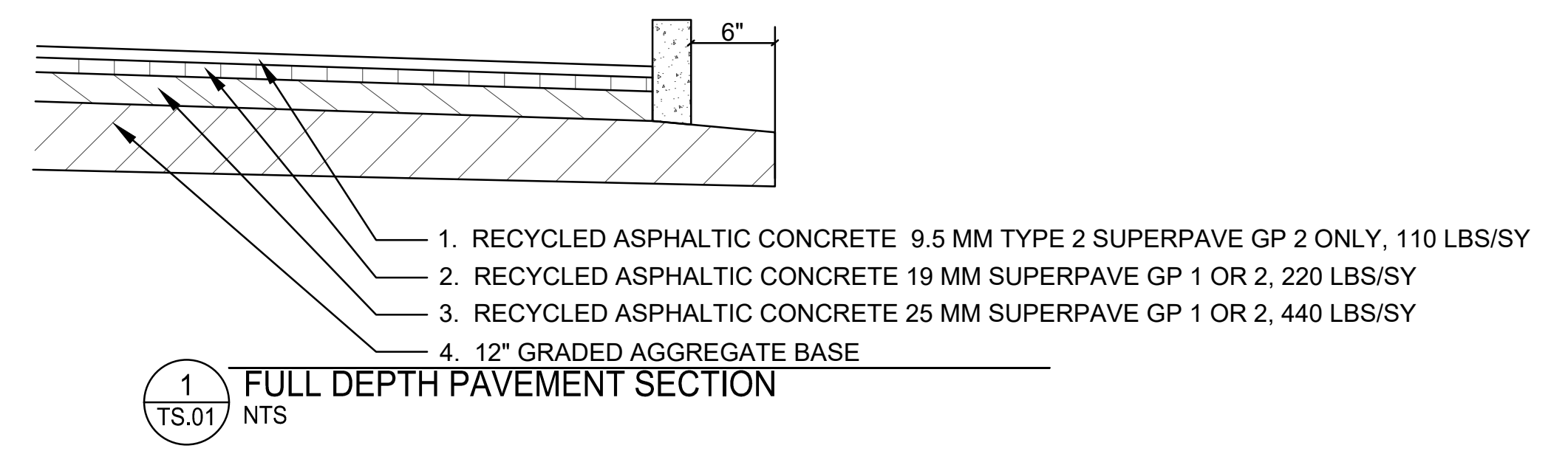
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SPONSOR/CITY OF FOREST PARK, GEORGIA	DATE APRIL 2022	SCALE AS SHOWN
PROJECT FOREST PARK STREETScape		

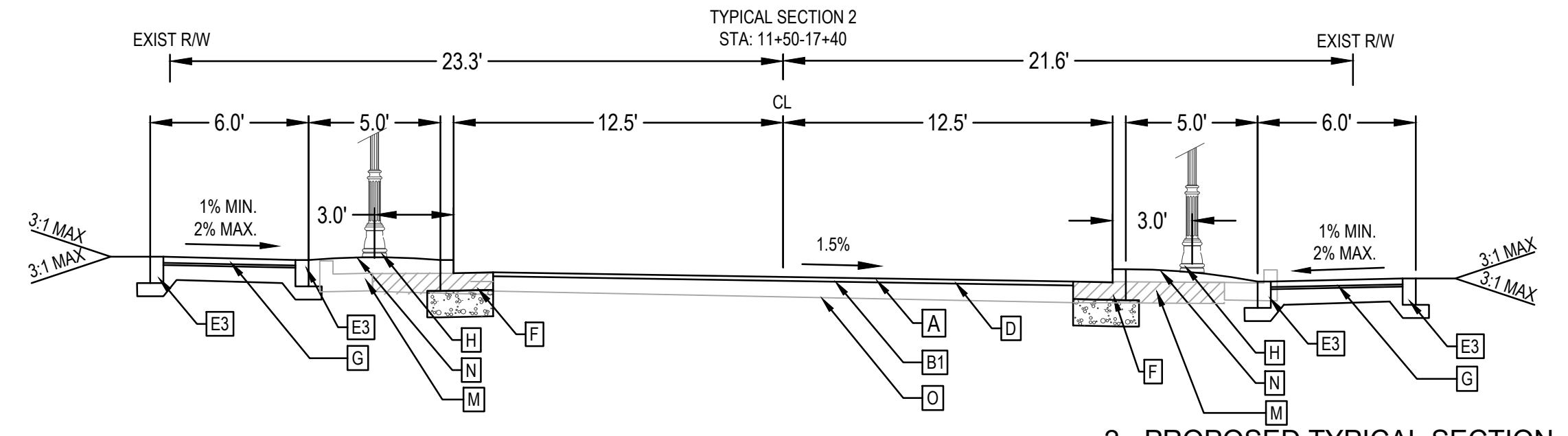
DESIGNED MMR	CHECKED MBK	DRAWING TITLE PHASE I TYPICAL SECTIONS
DRAWN JON	DATE APRIL 2022	
PROJECT NO. 2021008.20/1400400		



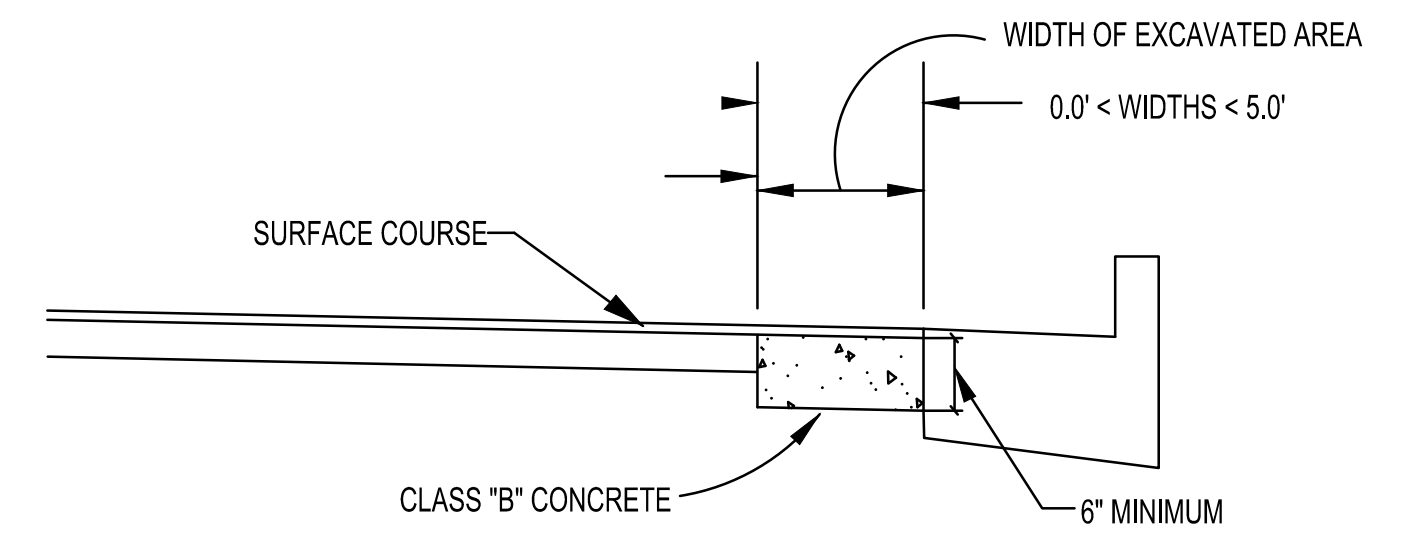
1 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



1
TS.01
NTS



2 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



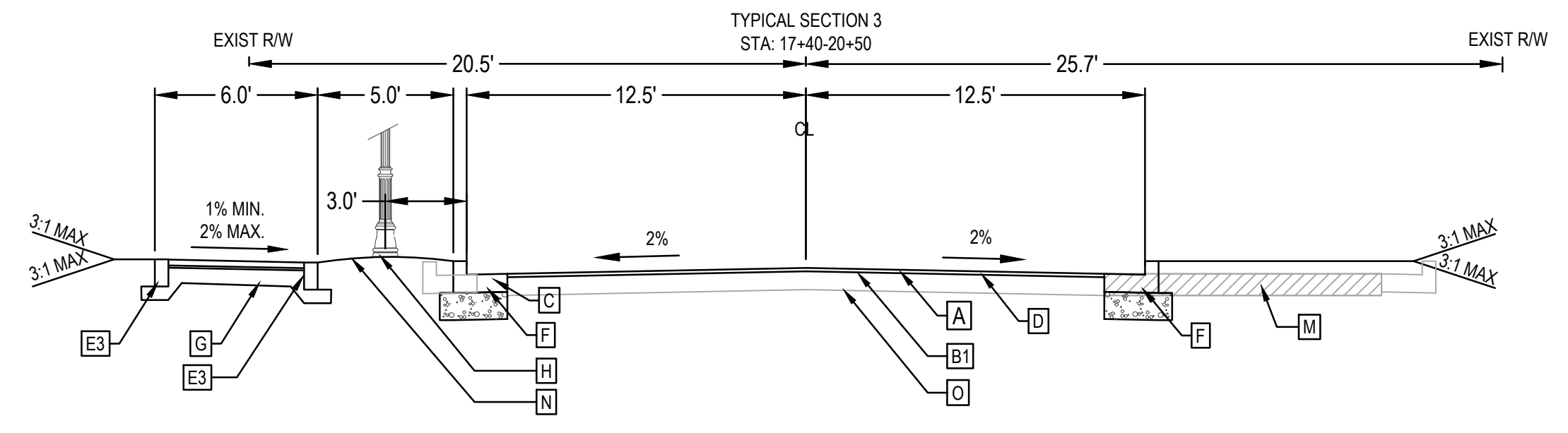
IN EXCAVATED AREAS BETWEEN THE EXISTING PAVING AND NEW CURB THAT ARE 5'-0" OR LESS IN WIDTH, CLASS "B" CONCRETE SHALL BE PLACED IN LIEU OF THE BASE AND PAVING SPECIFIED BY THE TYPICAL SECTION. PAYMENT WILL BE MADE UNDER "CLASS A CONCRETE BASE AND PAVEMENT WIDENING".

IN EXCAVATED AREAS GREATER THEN 5'-0" IN WIDTH, THE CONTRACTOR SHALL PLACE BASE AND PAVING AS SPECIFIED ON THE TYPICAL SECTION.

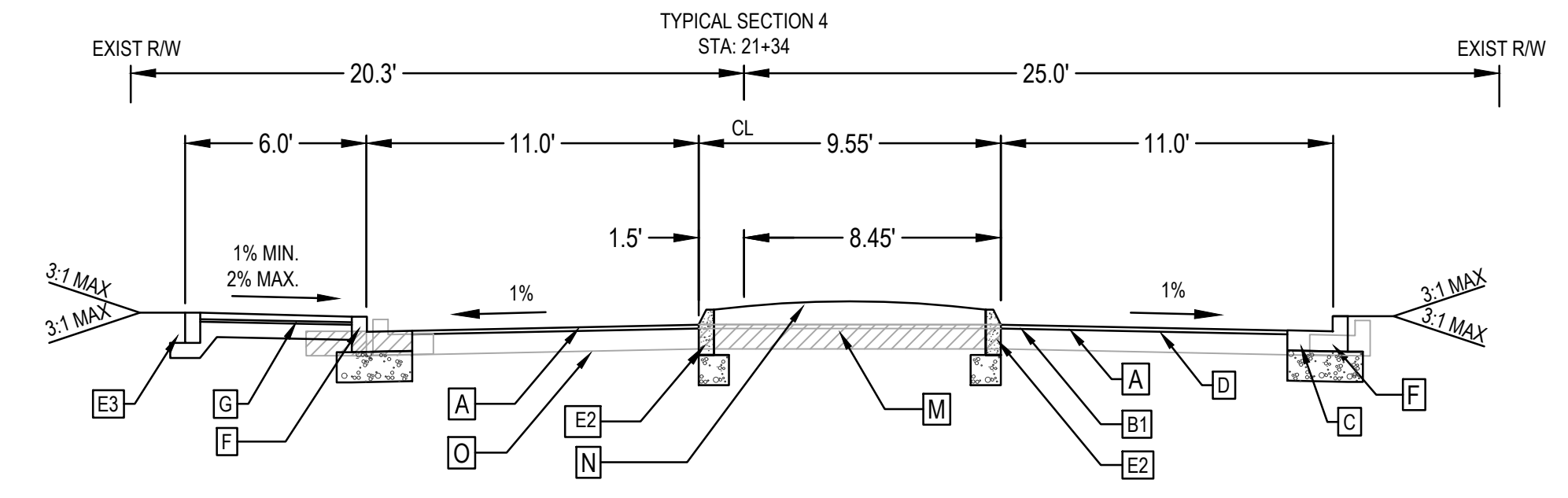
2
TS.01
NTS

- CL = CENTER LINE
PGL = PROFILE GRADE LINE
- (A) MILLING 1-1/2" OF EXISTING ASPHALT, SEE SECTION ROAD PROFILES AND CROSS SECTIONS.
 - (B1) 402-3130 1.5" RECYCLED ASPH CONC 9.5 MM SUPERPAVE TYPE 2, 165 LBS/SY, GP 2 ONLY, INCL BITUM MATL & H LIME
 - (C) CLASS A CONCRETE BASE OR PAVEMENT WIDENING, SEE FULL DEPTH PAVEMENT DETAIL 1 SHEET 5-01
 - (D) ASPHALT LEVELING AS REQUIRED, SEE SECTION 18-GRADING PLANS, AND SECTION 23-CROSS SECTIONS.
 - (E2) CONC HEADER CURB (RAISED) TYPE 7 - 6" X 18" AND BASE MATERIAL, SEE GDOT DETAIL 9032B
 - (E3) CONC HEADER CURB (FLUSH) - 6" X 12" AND BASE MATERIAL, SEE GDOT DETAIL 9032B
 - (F) 24" CONC CURB AND GUTTER, SEE SHEET 38.06
 - (G) CLAY BRICK PAVERS, SEE DETAIL 2 AND 3 SHEET 38.01
 - (H) PEDESTRIAN LIGHT POLE, SEE DETAIL 9 SHEET 38.02
 - (I) PROPOSED WALL, SEE WALL PROFILES
 - (J) PROPOSED HANDRAIL IN WALL, SEE DETAIL 3 SHEET 38.04
 - (K) CONCRETE SIDEWALK, SEE DETAIL 2 SHEET 38.02
 - (L) DISTURBANCE BEHIND WALL, SEE WALL DETAIL SECTION 32. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY SHORING WHICH WILL BE PAID FOR IN GRADING COMPLETE.
 - (M) REMOVE EXISTING ASPHALT AND SUB MATERIAL AND REPLACE WITH TOPSOIL
 - (N) LANDSCAPE AREA, TO BE FILLED WITH TOPSOIL TO A DEPTH OF 12". SEE LANDSCAPE PLANS.
 - (O) APPROXIMATE DEPTH OF EXISTING PAVEMENT

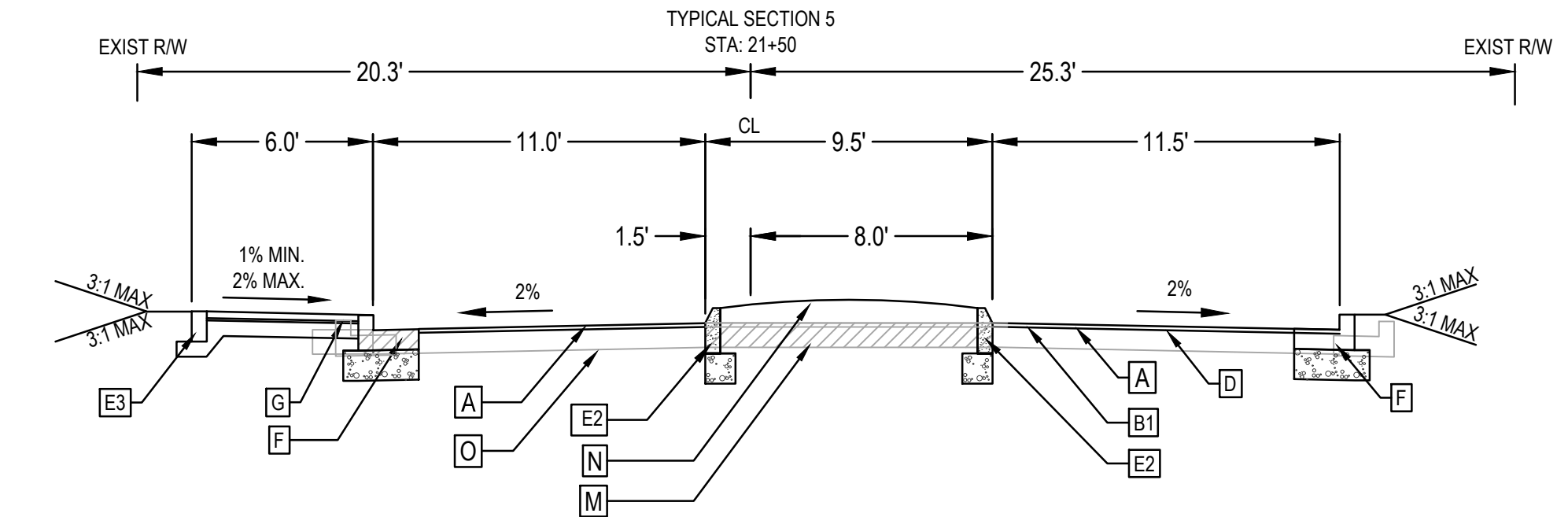
- NOTES:
1. THE TYPICAL SECTIONS ARE FOR REFERENCE OF THE GENERAL CONDITION IN A SPECIFIED STATION RANGE. SOME MINOR VARIATION MAY OCCUR INSIDE THE REFERENCED RANGES. SEE SECTION SITE AND LAYOUT PLANS FOR PROPOSED FEATURES. ANY DISCREPANCIES, REQUEST FOR CLARIFICATION, OR QUESTIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 2. STREET EDGE CONDITION VARIES, SEE SITE PLAN.
 3. TACK COAT TO BE PLACED BETWEEN ASPHALT LAYERS.
 4. SEE PAVEMENT FABRIC DETAIL FOR ROAD WIDENING FOR FULL DEPTH PAVEMENT DETAIL 1 SHEET 05-04.



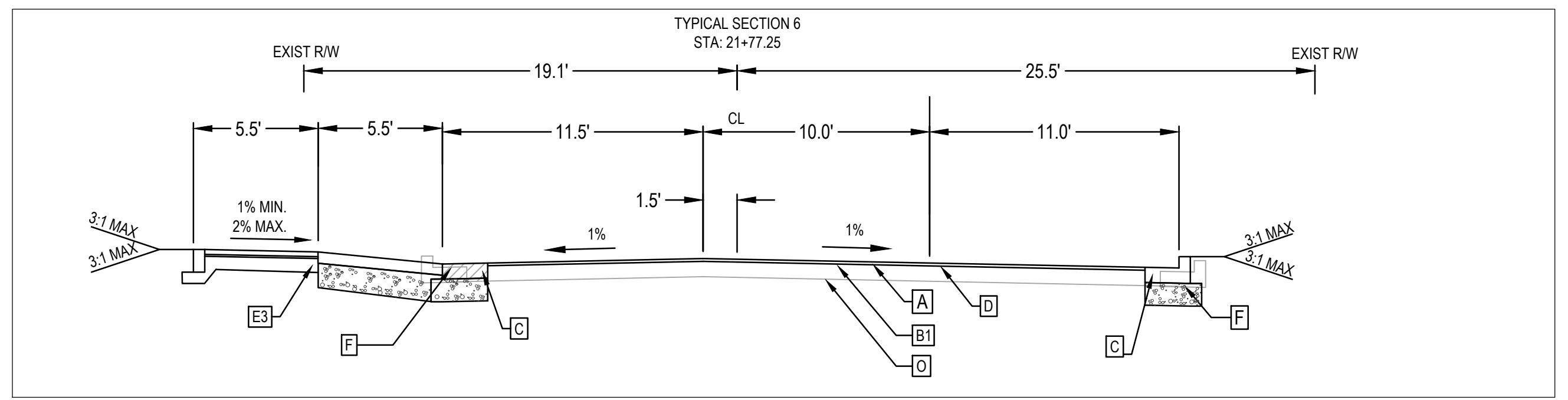
3 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



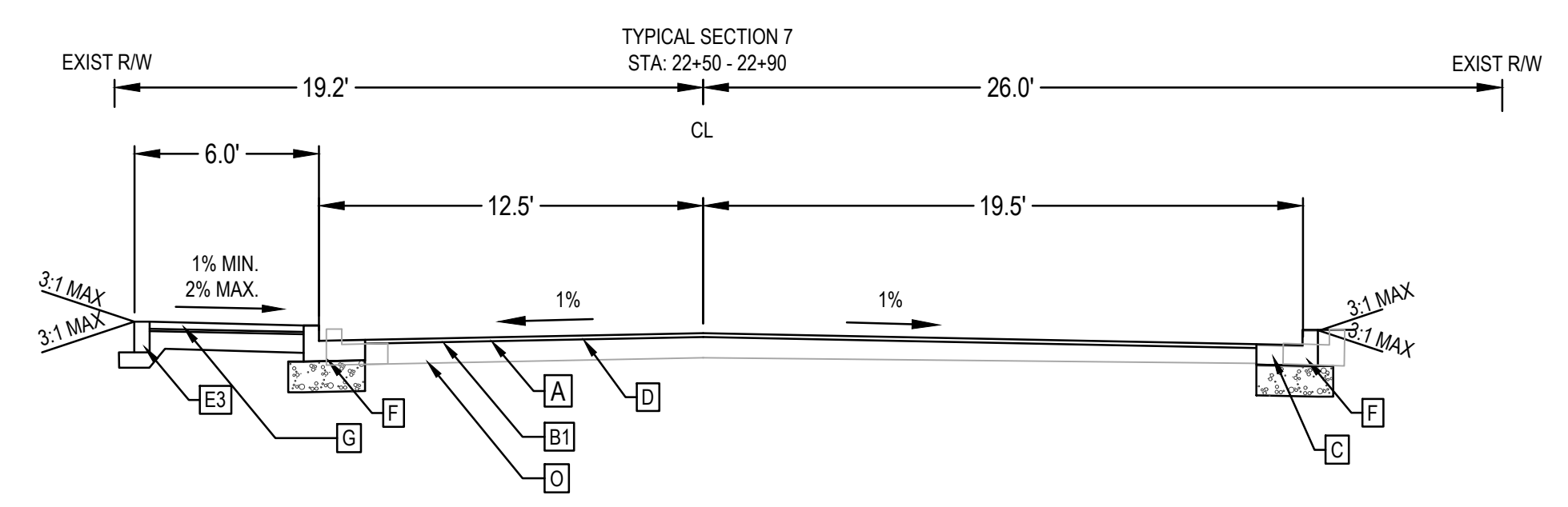
4 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



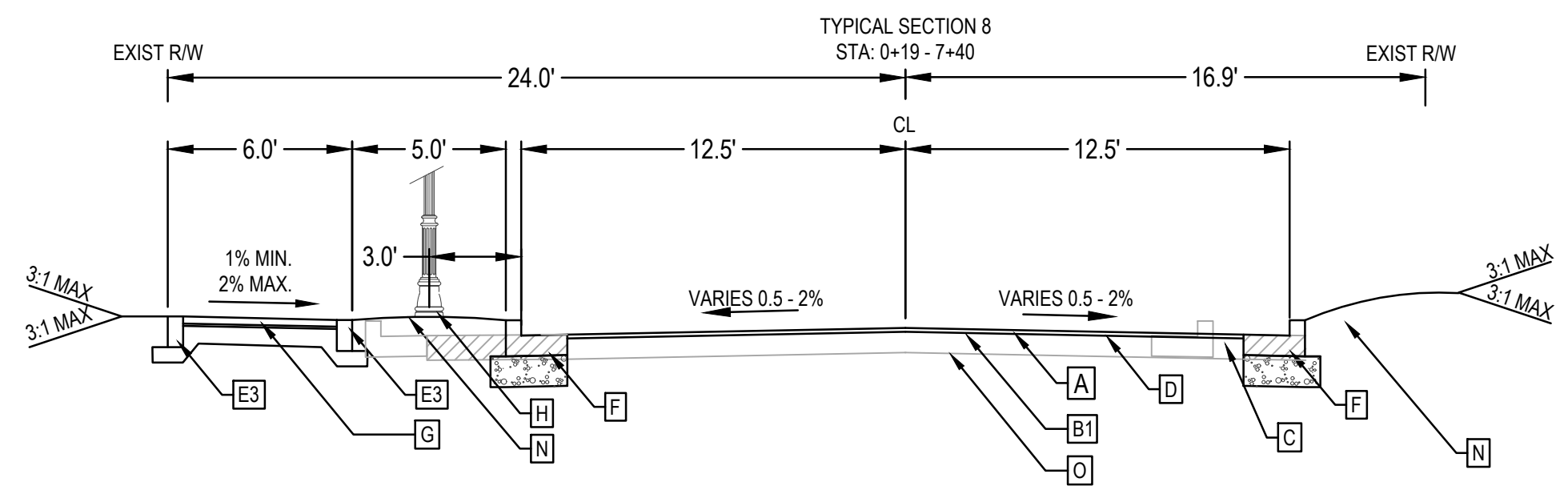
5 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



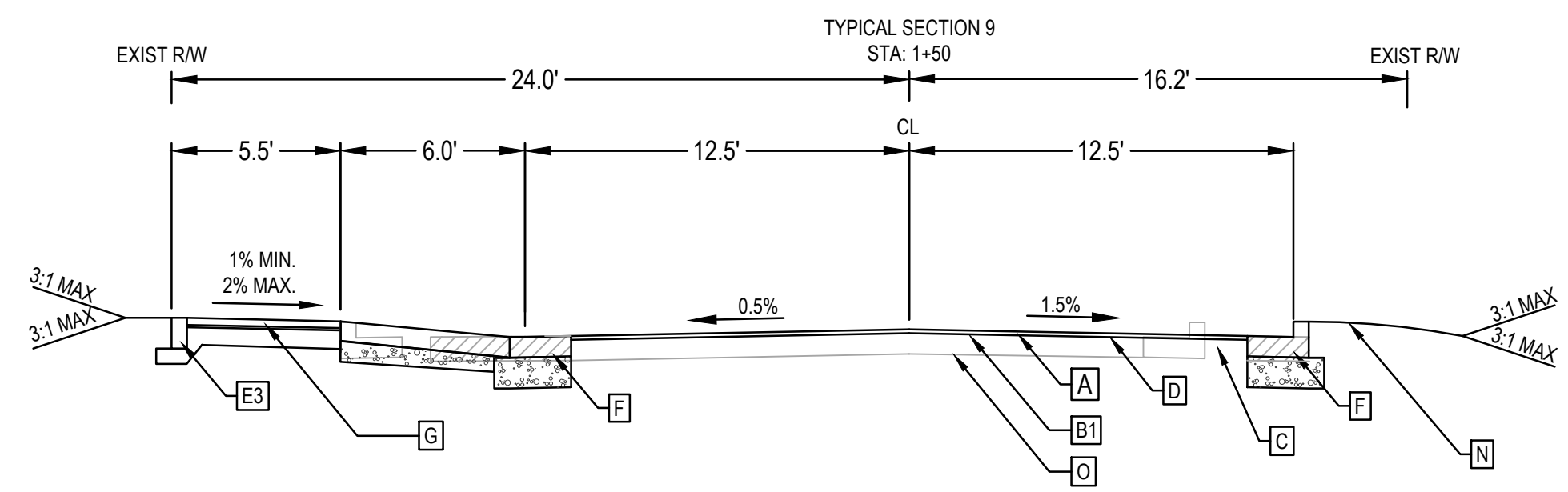
6 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



7 - PROPOSED TYPICAL SECTION - MAIN STREET
SCALE: 1" = 5'



8 - PROPOSED TYPICAL SECTION - PHILLIPS STREET
SCALE: 1" = 5'



9 - PROPOSED TYPICAL SECTION - PHILLIPS STREET
SCALE: 1" = 5'

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PGL = PROFILE GRADE LINE
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 - (B1) 402-3130 1.5" RECYCLED ASPH CONC 9.5 MM SUPERPAVE TYPE 2, 165 LBS/SY, GP 2 ONLY, INCL BITUM MATL & H LIME
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 - (O) APPROXIMATE DEPTH OF EXISTING PAVEMENT
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4. SEE PAVEMENT FABRIC DETAIL FOR ROAD WIDENING FOR FULL DEPTH PAVEMENT DETAIL 1 SHEET 05-04.

REVISION	BY	DATE	SYMBOL

SPONSOR/CITY OF FOREST PARK, GEORGIA	PROJECT FOREST PARK STREETScape
DATE APRIL 2022	SCALE AS SHOWN
CHECKED MBK	DESIGNED MMR
DRAWN JON	PROJECT NO. 2021008.20/1400400
DATE APRIL 2022	DRAWING TITLE PHASE I TYPICAL SECTIONS

DATE APRIL 2022	SCALE AS SHOWN
CHECKED MBK	DESIGNED MMR
DRAWN JON	PROJECT NO. 2021008.20/1400400
DATE APRIL 2022	DRAWING TITLE PHASE I TYPICAL SECTIONS

REVISION	BY	DATE	SYMBOL

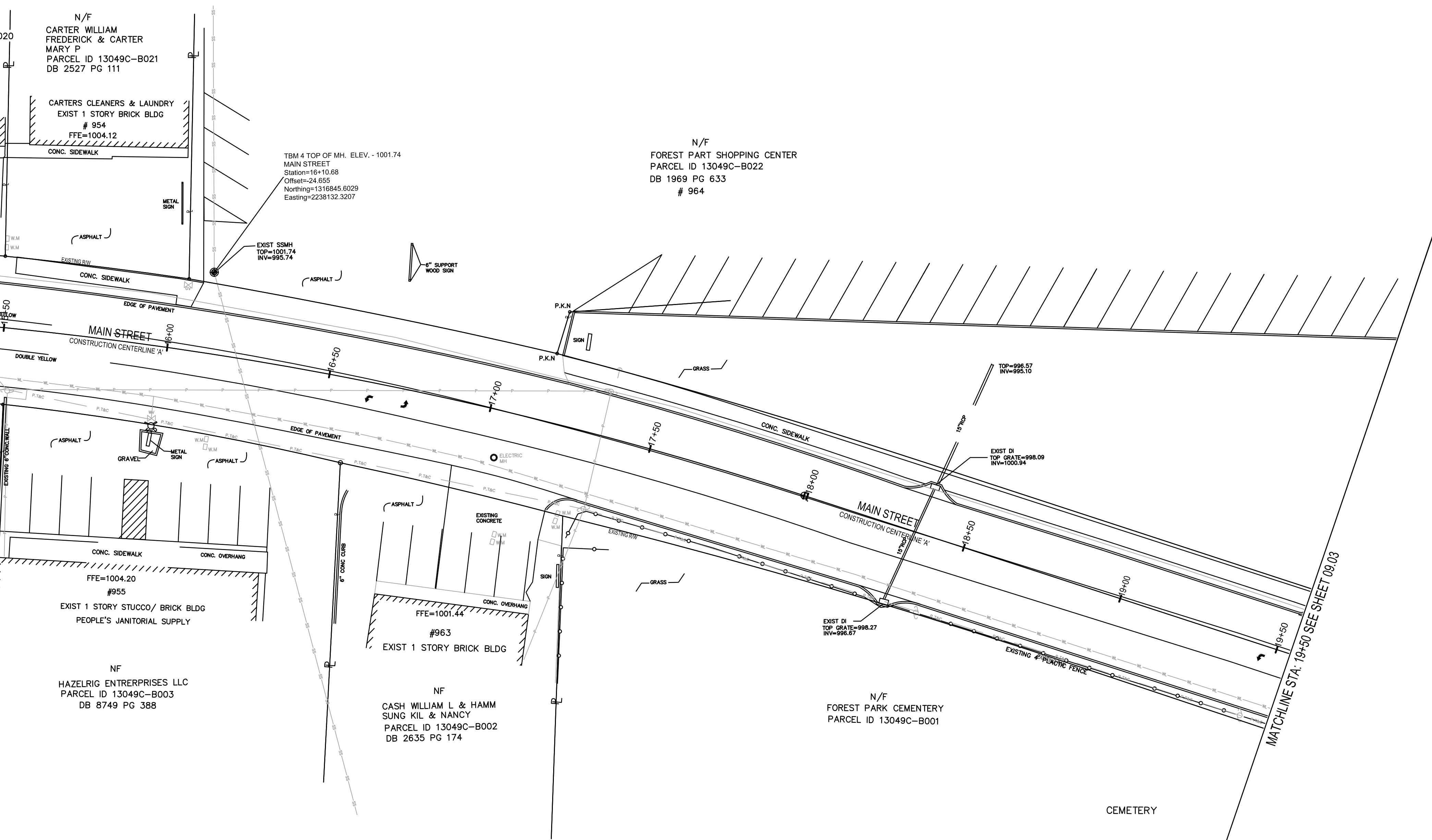


SPONSOR/CITY OF FOREST PARK, GEORGIA	PROJECT FOREST PARK STREETSCAPE
DATE APRIL 2022	SCALE AS SHOWN
CHECKED/MBK	DRAWING TITLE PHASE 2A EXISTING CONDITIONS PLAN
DESIGNED/IMMR	DRAWING NO. 09.02

DATE APRIL 2022	SCALE AS SHOWN
CHECKED/MBK	DRAWING TITLE PHASE 2A EXISTING CONDITIONS PLAN
DESIGNED/IMMR	DRAWING NO. 09.02
SHEET 9 OF 130	

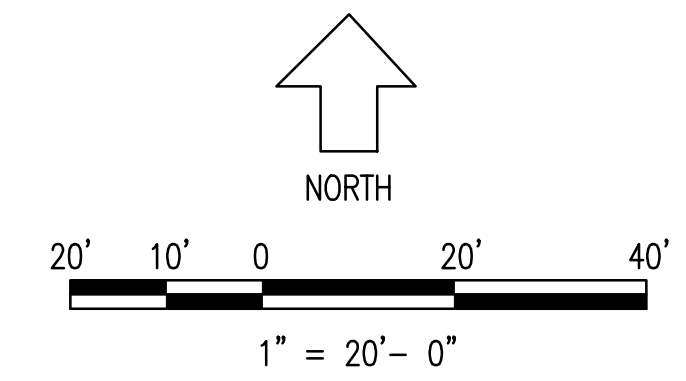
MATCHLINE STA: 15+50 SEE SHEET 09.01

MATCHLINE STA: 19+90 SEE SHEET 09.03



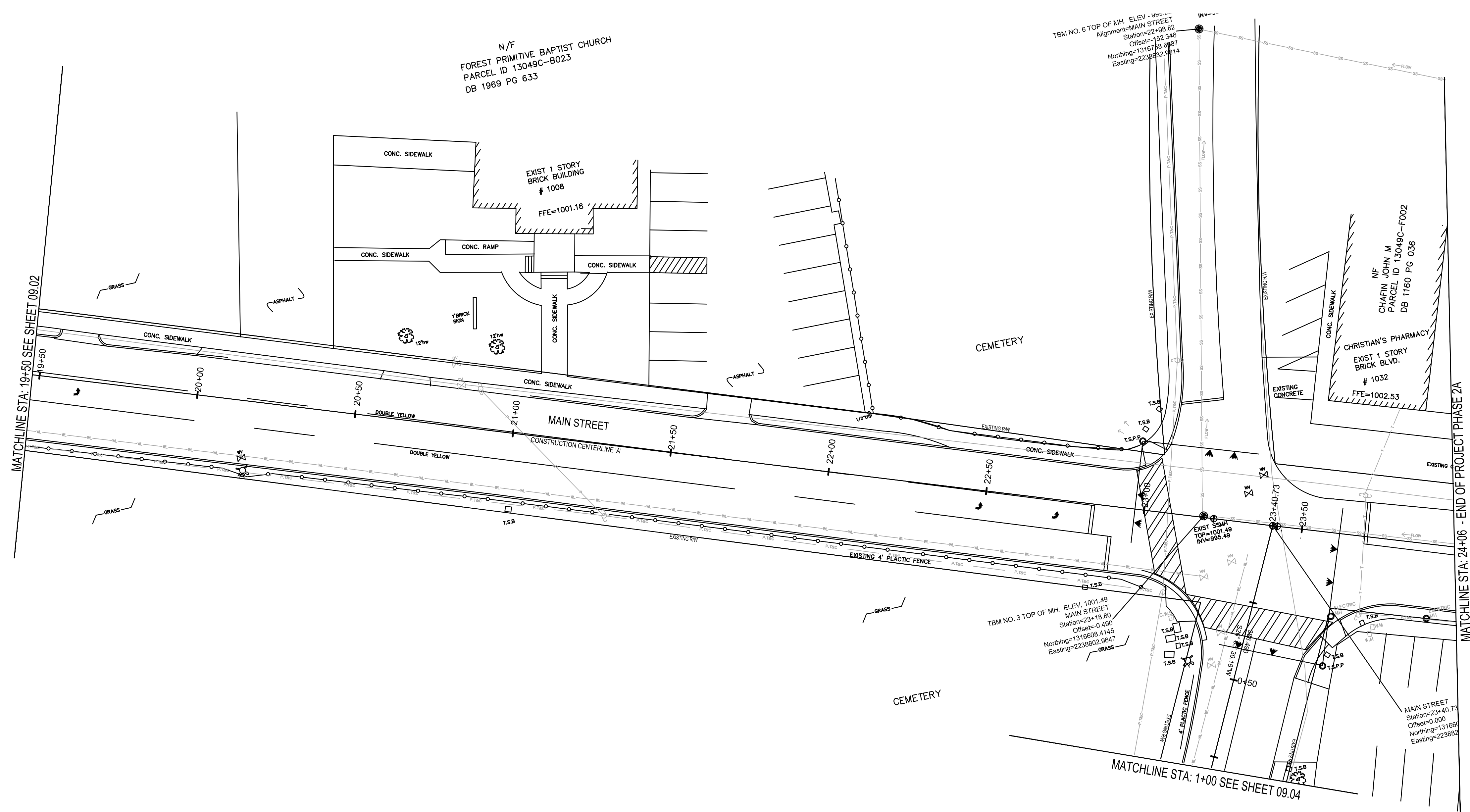
SURVEY COMPLETED BY:
J B PRINCE & ASSOCIATES, INC
110 NORTH BERRY STREET
STOCKBRIDGE, GEORGIA 30281-3424
PH. NO. 770-474-1487

SURVEY COMPLETED ON MAY 14, 2013



LEGEND

A	ARC	WV	WATER VALVE
R	RADIUS	TELE	TELEPHONE
C	CHORD	CI	CURB INLET
R/W	RIGHT OF WAY	GI	GRATE INLET
N/F	ADJOINING OWNERSHIP	WI	WEIR INLET
S/W	SIDEWALK	PWR	POWER TRANSFORMER
IPS	IRON PIN SET	DET.	DETENTION POND
IPF	IRON PIN FOUND	RET.	RETAINING WALL
EP	EDGE OF PAVEMENT	SWCB	SINGLE WING CATCH BASIN
C&G	CURB AND GUTTER	DWCB	DOUBLE WING CATCH BASIN
MON.	MONUMENT	RE-BAR	REINFORCED CONCRETE
RB	RE-BAR	OT	OPEN TOP PIPE
CT	CRIMP TOP PIPE	CONC.	CONCRETE
EM	ELECTRICITY METER	WM	WATER METER
WM	WATER METER	GM	GAS METER
GM	GAS METER	BFO	BURIED FIBER OPTICS
BFO	BURIED FIBER OPTICS	CLF	CHAIN LINK FENCE
CLF	CHAIN LINK FENCE	TYP	TYPICAL
RCP	REINFORCED CONCRETE PIPE	DE	DRAINAGE EASEMENT
CPP	CORRUGATED PLASTIC PIPE	SSE	SANITARY SEWER EASEMENT
CMP	CORRUGATED METAL PIPE	AE	ACCESS EASEMENT
DIP	DUCTILE IRON PIPE	T.S.P	TRAFFIC LIGHT POLE SIGN
SSMH	SANITARY SEWER MANHOLE	T.S.B	TRAFFIC SIGN BOX
		C.W.S	CROSS WALK SIGNAL



N/F
FOREST PRIMITIVE BAPTIST CHURCH
PARCEL ID 13049C-B023
DB 1969 PG 633

TBM NO. 6 TOP OF MH. ELEV. = 999.00
Alignment=MAIN STREET
Station=22+38.82
Offset=139.246
Northing=13187.586987
Easting=223882.9814

NF
CHARIN JOHN M
PARCEL ID 13049C-F002
DB 1160 PG 036

CHRISTIAN'S PHARMACY
EXIST 1 STORY
BRICK BLVD.
1032
FFE=1002.53

TBM NO. 3 TOP OF MH. ELEV. 1001.49
MAIN STREET
Station=23+18.80
Offset=0.490
Northing=1318608.4145
Easting=2238802.9647

MAIN STREET
Station=23+40.73
Offset=0.000
Northing=1318666
Easting=2238882

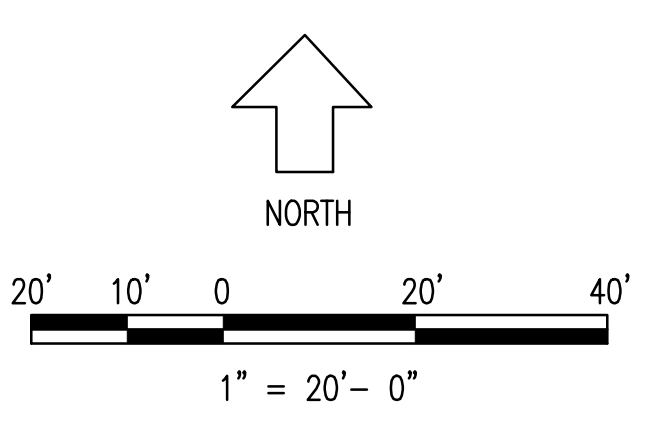
MATCHLINE STA: 24+06 - END OF PROJECT PHASE 2A

MATCHLINE STA: 19+50 SEE SHEET 09.02

MATCHLINE STA: 1+00 SEE SHEET 09.04

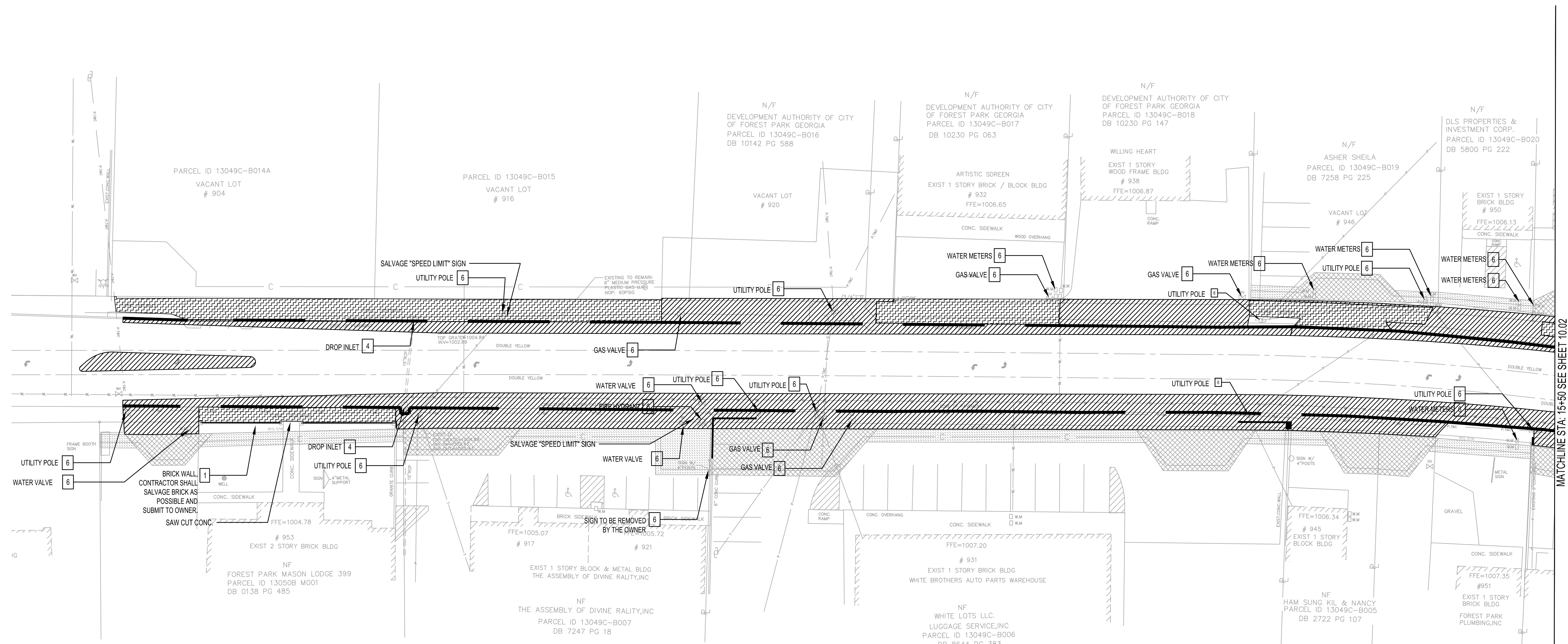
SURVEY COMPLETED BY:
J B PRINCE & ASSOCIATES, INC
110 NORTH BERRY STREET
STOCKBRIDGE, GEORGIA 30281-3424
PH. NO. 770-474-1487

SURVEY COMPLETED ON MAY 14, 2013



LEGEND			
A	ARC	WV	WATER VALVE
R	RADIUS	TELE	TELEPHONE
C	CHORD	CI	CURB INLET
R/W	RIGHT OF WAY	GI	GRATE INLET
N/F	ADJOINING OWNERSHIP	WI	WEIR INLET
S/W	SIDEWALK	PWR	POWER TRANSFORMER
IPS	IRON PIN SET	DET.	DETENTION POND
IPF	IRON PIN FOUND	RET.	RETAINING WALL
EP	EDGE OF PAVEMENT	SWCB	SINGLE WING CATCH BASIN
C&G	CURB AND GUTTER	DWCB	DOUBLE WING CATCH BASIN
MON.	MONUMENT	FH	FIRE HYDRANT
RB	RE-BAR	JB	JUNCTION BOX
OT	OPEN TOP PIPE	HW	HEADWALL
CT	CRIMP TOP PIPE	LP	LIGHT POLE
CONC.	CONCRETE	PP	POWER POLE
EM	ELECTRICITY METER	D.B.	DEED BOOK
WM	WATER METER	P.B.	PLAT BOOK
GM	GAS METER	PG.	PAGE
BFO	BURIED FIBER OPTICS	P.O.B.	POINT OF BEGINNING
CLF	CHAIN LINK FENCE	DE	DRAINAGE EASEMENT
RCP	REINFORCED CONCRETE PIPE	SSE	SANITARY SEWER EASEMENT
CPP	CORRUGATED PLASTIC PIPE	AE	ACCESS EASEMENT
CMP	CORRUGATED METAL PIPE	T.S.P	TRAFFIC LIGHT POLE SIGN
DIP	DUCTILE IRON PIPE	T.S.B	TRAFFIC SIGN BOX
SSMH	SANITARY SEWER MANHOLE	C.W.S	CROSS WALK SIGNAL

PROJECT NO. 2021008.20/1400400	
COUNTY: CLAYTON	
 Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404.577.4800 FAX: 404.577.7179 www.robertandcompany.com	
 LEVEL II CERTIFICATION #954	
SPONSOR/CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETSCAPE	
DATE APRIL 2022 SCALE AS SHOWN DRAWING TITLE PHASE 2A EXISTING CONDITIONS PLAN	
DESIGNED: MMR PROJECT NO.: 2021008.20/1400400 DRAWING NO.: 09.03	
CHECKED: MBK DATE: APRIL 2022	
DRAWN: JON SCALE: AS SHOWN	
REVISION:	
SHEET 10 OF 130	

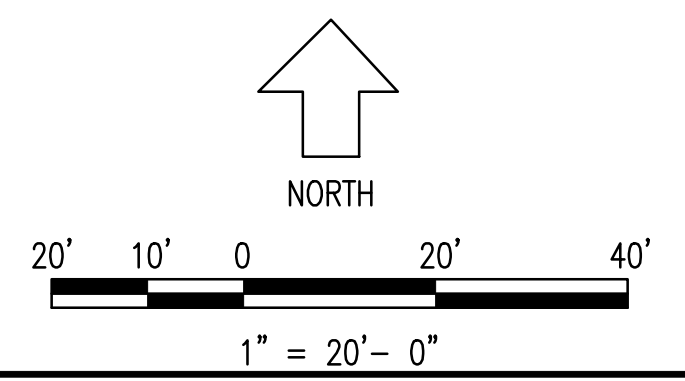


DEMOLITION NOTES

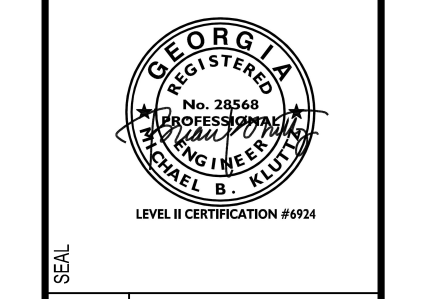
1. THE CONTRACTOR SHALL REMOVE ALL ITEMS NOTED AND SHALL DISPOSE OF ALL ITEMS AS REQUIRED BY LOCAL AUTHORITIES. LIMITS OF REMOVAL AS ILLUSTRATED IN THE DEMOLITION PLANS ARE APPROXIMATE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXTENTS OF DEMOLITION PER THE PLANS AND SITE. THE CONTRACTOR'S OVERALL BID SHALL INCLUDE ALL ITEMS TO BE REMOVED.
2. DISASSEMBLE AND REMOVE BENCHES, TRASH RECEPTACLES, HISTORIC MARKERS AND SIGNS. DISCARD OR STORE AS DIRECTED BY OWNER.
3. CUT AND REMOVE PAVING TO AN ADDITIONAL DEPTH OF 6" AT ALL CURBS AND GUTTER LOCATIONS. SEE LAYOUT PLAN AND SITE DETAILS. CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS, INCLUDING UNSUITABLE SOIL IF PRESENT, WITHIN ALL AREAS NOTED AS "ASPHALT ROADWAY PAVEMENT AND BASE REMOVAL" AND "SIDEWALK PAVEMENT AND BASE REMOVAL" TO A DEPTH SUFFICIENT FOR PREPARATION AND INSTALLATION OF NEW MATERIALS AND/OR SURFACES DEFINED IN THE SCOPE OF NEW WORK.
4. VERIFY TREE REMOVAL WITH FOREST PARK PRIOR TO REMOVAL.
5. REFER TO EROSION CONTROL PLAN, FOR MINIMUM EROSION CONTROL MEASURES AND REQUIREMENTS.
6. THE CONTRACTOR SHALL PROTECT ANY EXISTING STRUCTURES, PAVEMENTS, CURBS, SIDEWALKS, FENCES OR OTHER ELEMENTS DESIGNATED TO REMAIN. SAW CUT TO A STRAIGHT LINE ALL EDGES OF EXISTING PAVEMENT AREAS TO BE REMOVED PRIOR TO COMMENCEMENT OF DEMOLITION. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES IN AND ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES AND APPURTENANCES DURING CONSTRUCTION.
7. ANY EXISTING ELEMENT NOT INDICATED TO BE REMOVED, WHICH ARE DAMAGED DURING THE COURSE OF DEMOLITION OR CONSTRUCTION, SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED IN KIND, AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL MAINTAIN FIRE DEPARTMENT ACCESS TO ALL FIRE HYDRANTS OR PROVIDE TEMPORARY HYDRANTS WHERE ACCESS IS BLOCKED.
9. THE CONTRACTOR AT NO TIME SHALL ENCROACH UPON OR CAUSE DISRUPTIONS TO TRAFFIC FLOW ON ADJACENT STREET RIGHT-OF-WAY WITHOUT SECURING THE PROPER PERMITS PRIOR TO COMMENCING DEMOLITION OR CONSTRUCTION OPERATIONS.
10. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL SAFETY BARRIERS, TEMPORARY CONTROLS AND PROTECTION DEVICES TO COMPLY WITH CITY, COUNTY, STATE OR FEDERAL REQUIREMENTS THROUGHOUT THE ENTIRE PROJECT CONSTRUCTION PERIOD.
11. ALL DEMOLITION LINES BETWEEN PROPOSED AND REMAINING PAVEMENTS SHALL BE CUT STRAIGHT AND SMOOTH. ALL RADIAL CUTS SHALL BE CONSISTENT TO THE ARC AND COME TO A SMOOTH AND COMPLETE TRANSITION TO THE TANGENT.
12. PROTECT ALL EXISTING BENCH MARKS, IRON PINS, SURVEY CONTROL POINTS OR OTHER MONUMENTS TO REMAIN.
13. GEORGIA STATE LAW, REQUIRES ADVANCE NOTIFICATION THROUGH THE ONE-CALL SYSTEM CENTER AT LEAST THREE WORKING DAYS PRIOR TO EXCAVATING WITH MECHANIZED EQUIPMENT OR EXPLOSIVES. THE ONE-CALL SYSTEM PHONE NUMBER IS 811. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE ONE-CALL SYSTEM. THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE GEORGIA ONE-CALL SYSTEM.
14. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE. ANY EXISTING UTILITY OR UNDERGROUND STRUCTURE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT, WHICH IS DAMAGED BY THE CONTRACTOR'S OPERATIONS, SHALL BE IMMEDIATELY RESTORED AT NO ADDITIONAL COST TO THE OWNER.
15. EXISTING DRAINAGE SYSTEMS (SURFACE AND SUB-SURFACE) SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
16. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
17. COORDINATE WITH EROSION CONTROL PLAN.
18. ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
19. PEDESTRIAN ACCESSIBILITY TO ALL ENTRANCES OF BUILDINGS SHALL BE MAINTAINED DURING BUSINESS HOURS THROUGHOUT THE LIFE OF THE PROJECT. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT FACILITIES MUST BE MAINTAINED THROUGHOUT THE DEMOLITION AND CONSTRUCTION PROCESS.
20. CONTRACTOR SHALL COORDINATE WITH FED EX, UPS, AND USPS, TO CONTINUE USE AND OPERATION OF EXISTING DROP OFF BOXES.
21. REMOVE AND RETURN THE FOLLOWING TO OWNER: SIGNAGE, TRAFFIC SIGNALS AND DRAINAGE STRUCTURES SUBMIT TO MAINTENANCE STAFF.
22. ALL OVERHEAD UTILITIES AND POLES WILL BE RELOCATED BY THE UTILITY OWNERS PRIOR TO CONSTRUCTION. ANY UTILITY FOUND TO BE IN CONFLICT DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF FOREST PARK PUBLIC WORKS DEPARTMENT.

DEMOLITION LEGEND

	EXISTING CONDITIONS (SCREENED)
	ASPHALT ROADWAY/DRIVEWAY PAVEMENT AND BASE REMOVAL
	CONCRETE PAVEMENT AND BASE REMOVAL
	CONCRETE CURBING REMOVAL
	LIMITS OF CONSTRUCTION
1	TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR
2	TO BE REMOVED BY THE CONTRACTOR AND RETAINED FOR RE-USE AT THIS SITE
3	TO BE REMOVED BY THE CONTRACTOR AND TURNED OVER TO THE OWNER
4	TO BE MODIFIED OR ADJUSTED TO NEW FINISH GRADE BY THE CONTRACTOR
5	TO BE REMOVED BY THE OWNER
6	TO BE REMOVED, RELOCATED, MODIFIED OR ADJUSTED BY OTHERS
7	TO REMAIN IN PLACE AND PROTECTED

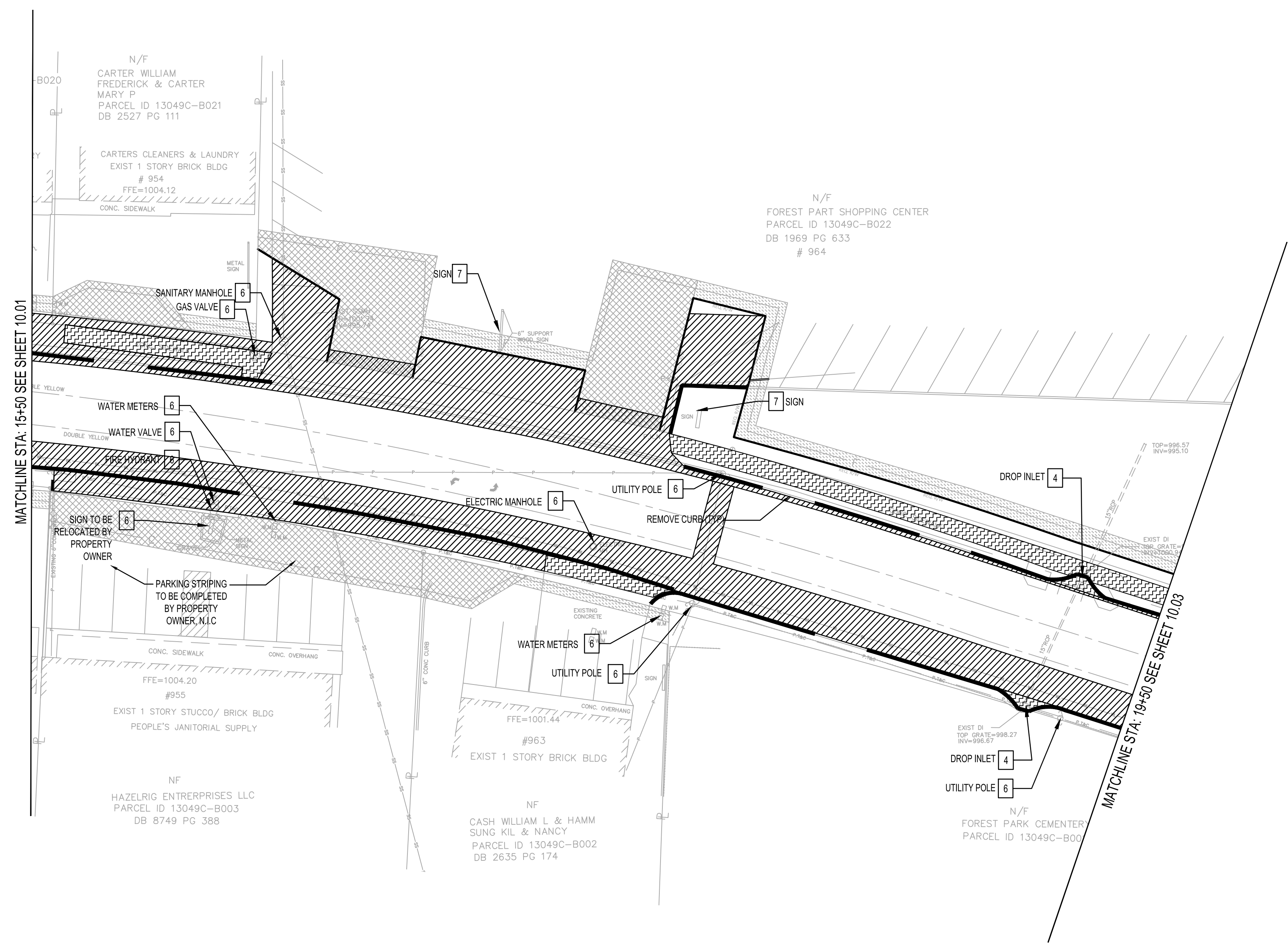


REVISION	BY	DATE	SYMBOL



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 CHECKED: JON
 DATE: APRIL 2022
 SCALE: AS SHOWN
 PROJECT NO: 2021008.20/1400400
 DRAWING TITLE: PHASE 2A DEMOLITION PLANS
 MAIN STREET STA. 10+00 - 15+50

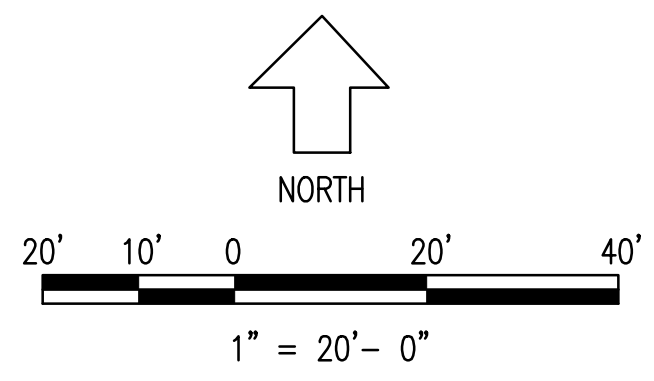


DEMOLITION NOTES

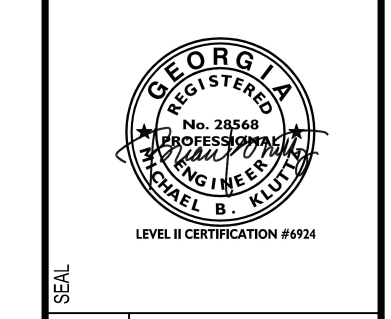
1. THE CONTRACTOR SHALL REMOVE ALL ITEMS NOTED AND SHALL DISPOSE OF ALL ITEMS AS REQUIRED BY LOCAL AUTHORITIES. LIMITS OF REMOVAL AS ILLUSTRATED IN THE DEMOLITION PLANS ARE APPROXIMATE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXTENTS OF DEMOLITION PER THE PLANS AND SITE. THE CONTRACTOR'S OVERALL BID SHALL INCLUDE ALL ITEMS TO BE REMOVED.
2. DISASSEMBLE AND REMOVE BENCHES, TRASH RECEPTACLES, HISTORIC MARKERS AND SIGNS. DISCARD OR STORE AS DIRECTED BY OWNER.
3. CUT AND REMOVE PAVING TO AN ADDITIONAL DEPTH OF 6" AT ALL CURB AND GUTTER LOCATIONS. SEE LAYOUT PLAN AND SITE DETAILS. CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS, INCLUDING UNSUITABLE SOIL IF PRESENT, WITHIN ALL AREAS NOTED AS "ASPHALT ROADWAY PAVEMENT AND BASE REMOVAL" AND "SIDEWALK PAVEMENT AND BASE REMOVAL" TO A DEPTH SUFFICIENT FOR PREPARATION AND INSTALLATION OF NEW MATERIALS AND/OR SURFACES DEFINED IN THE SCOPE OF NEW WORK.
4. VERIFY TREE REMOVAL WITH FOREST PARK PRIOR TO REMOVAL.
5. REFER TO EROSION CONTROL PLAN FOR MINIMUM EROSION CONTROL MEASURES AND REQUIREMENTS.
6. THE CONTRACTOR SHALL PROTECT ANY EXISTING STRUCTURES, PAVEMENTS, CURBS, SIDEWALKS, FENCES OR OTHER ELEMENTS DESIGNATED TO REMAIN. SAW CUT TO A STRAIGHT LINE ALL EDGES OF EXISTING PAVEMENT AREAS TO BE REMOVED PRIOR TO COMMENCEMENT OF DEMOLITION. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES IN AND ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY LINES AND APPURTENANCES DURING CONSTRUCTION.
7. ANY EXISTING ELEMENT NOT INDICATED TO BE REMOVED, WHICH ARE DAMAGED DURING THE COURSE OF DEMOLITION OR CONSTRUCTION, SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED IN KIND, AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL MAINTAIN FIRE DEPARTMENT ACCESS TO ALL FIRE HYDRANTS OR PROVIDE TEMPORARY HYDRANTS WHERE ACCESS IS BLOCKED.
9. THE CONTRACTOR AT NO TIME SHALL ENCR OACH UPON OR CAUSE DISRUPTIONS TO TRAFFIC FLOW ON ADJACENT STREET RIGHT-OF-WAY WITHOUT SECURING THE PROPER PERMITS PRIOR TO COMMENCING DEMOLITION OR CONSTRUCTION OPERATIONS.
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11. ALL DEMOLITION LINES BETWEEN PROPOSED AND REMAINING PAVEMENTS SHALL BE CUT STRAIGHT AND SMOOTH. ALL RADIAL CUTS SHALL BE CONSISTENT TO THE ARC AND COME TO A SMOOTH AND COMPLETE TRANSITION TO THE TANGENT.
12. PROTECT ALL EXISTING BENCH MARKS, IRON PINS, SURVEY CONTROL POINTS OR OTHER MONUMENTS TO REMAIN.
13. GEORGIA STATE LAW, REQUIRES ADVANCE NOTIFICATION THROUGH THE ONE-CALL SYSTEM CENTER AT LEAST THREE WORKING DAYS PRIOR TO EXCAVATING WITH MECHANIZED EQUIPMENT OR EXPLOSIVES. THE ONE-CALL SYSTEM PHONE NUMBER IS 811. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE ONE-CALL SYSTEM. THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE GEORGIA ONE-CALL SYSTEM.
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15. EXISTING DRAINAGE SYSTEMS (SURFACE AND SUB-SURFACE) SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
16. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
17. COORDINATE WITH EROSION CONTROL PLAN.
18. ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
19. PEDESTRIAN ACCESSIBILITY TO ALL ENTRANCES OF BUILDINGS SHALL BE MAINTAINED DURING BUSINESS HOURS THROUGHOUT THE LIFE OF THE PROJECT. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT FACILITIES MUST BE MAINTAINED THROUGHOUT THE DEMOLITION AND CONSTRUCTION PROCESS.
20. CONTRACTOR SHALL COORDINATE WITH FED EX, UPS, AND USPS, TO CONTINUE USE AND OPERATION OF EXISTING DROP OFF BOXES.
21. REMOVE AND RETURN THE FOLLOWING TO OWNER: SIGNAGE, TRAFFIC SIGNALS AND DRAINAGE STRUCTURES SUBMIT TO MAINTENANCE STAFF.
22. ALL OVERHEAD UTILITIES AND POLES WILL BE RELOCATED BY THE UTILITY OWNERS PRIOR TO CONSTRUCTION. ANY UTILITY FOUND TO BE IN CONFLICT DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF FOREST PARK PUBLIC WORKS DEPARTMENT.

DEMOLITION LEGEND

- EXISTING CONDITIONS (SCREENED)
- ASPHALT ROADWAY/DRIVEWAY PAVEMENT AND BASE REMOVAL
- CONCRETE PAVEMENT AND BASE REMOVAL
- CONCRETE CURBING REMOVAL
- LIMITS OF CONSTRUCTION
- 1 TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR
- 2 TO BE REMOVED BY THE CONTRACTOR AND RETAINED FOR RE-USE AT THIS SITE
- 3 TO BE REMOVED BY THE CONTRACTOR AND TURNED OVER TO THE OWNER
- 4 TO BE MODIFIED OR ADJUSTED TO NEW FINISH GRADE BY THE CONTRACTOR
- 5 TO BE REMOVED BY THE OWNER
- 6 TO BE REMOVED, RELOCATED, MODIFIED OR ADJUSTED BY OTHERS
- 7 TO REMAIN IN PLACE AND PROTECTED



REVISION	BY	DATE	SYMBOL

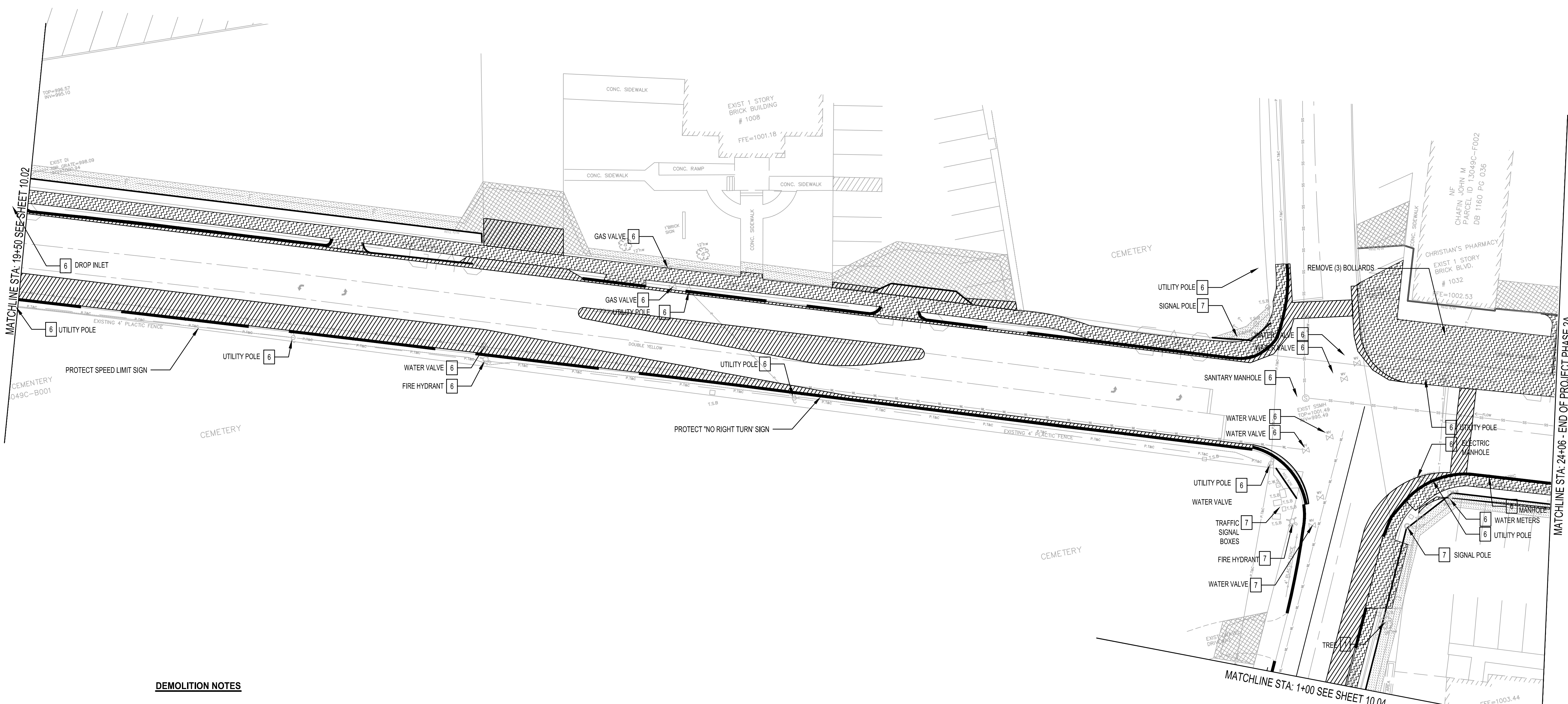


SPONSOR/CIENT	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE

DATE	APRIL 2022
SCALE	AS SHOWN
DRAWING TITLE	PHASE 2A DEMOLITION PLANS MAIN STREET STA. 16+50 - 19+50

10.02



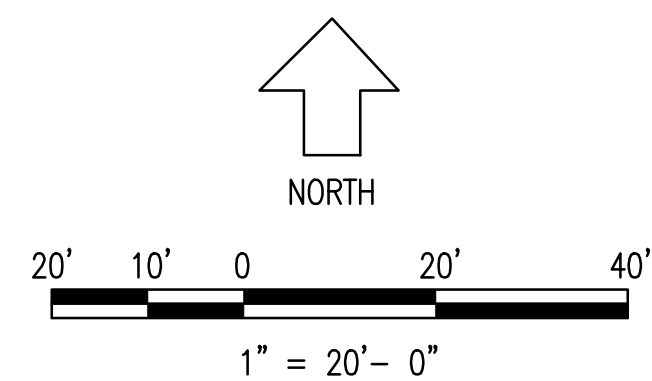


DEMOLITION NOTES

1. THE CONTRACTOR SHALL REMOVE ALL ITEMS NOTED AND SHALL DISPOSE OF ALL ITEMS AS REQUIRED BY LOCAL AUTHORITIES. LIMITS OF REMOVAL AS ILLUSTRATED IN THE DEMOLITION PLANS ARE APPROXIMATE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXTENTS OF DEMOLITION PER THE PLANS AND SITE. THE CONTRACTOR'S OVERALL BID SHALL INCLUDE ALL ITEMS TO BE REMOVED.
2. DISASSEMBLE AND REMOVE BENCHES, TRASH RECEPTACLES, HISTORIC MARKERS AND SIGNS. DISCARD OR STORE AS DIRECTED BY OWNER.
3. CUT AND REMOVE PAVING TO AN ADDITIONAL DEPTH OF 6" AT ALL CURB AND GUTTER LOCATIONS. SEE LAYOUT PLAN AND SITE DETAILS. CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS, INCLUDING UNSUITABLE SOIL IF PRESENT, WITHIN ALL AREAS NOTED AS "ASPHALT ROADWAY PAVEMENT AND BASE REMOVAL AND "SIDEWALK PAVEMENT AND BASE REMOVAL" TO A DEPTH SUFFICIENT FOR PREPARATION AND INSTALLATION OF NEW MATERIALS AND/OR SURFACES DEFINED IN THE SCOPE OF NEW WORK.
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DEMOLITION LEGEND

- EXISTING CONDITIONS (SCREENED)
- ASPHALT ROADWAY/DRIVEWAY PAVEMENT AND BASE REMOVAL
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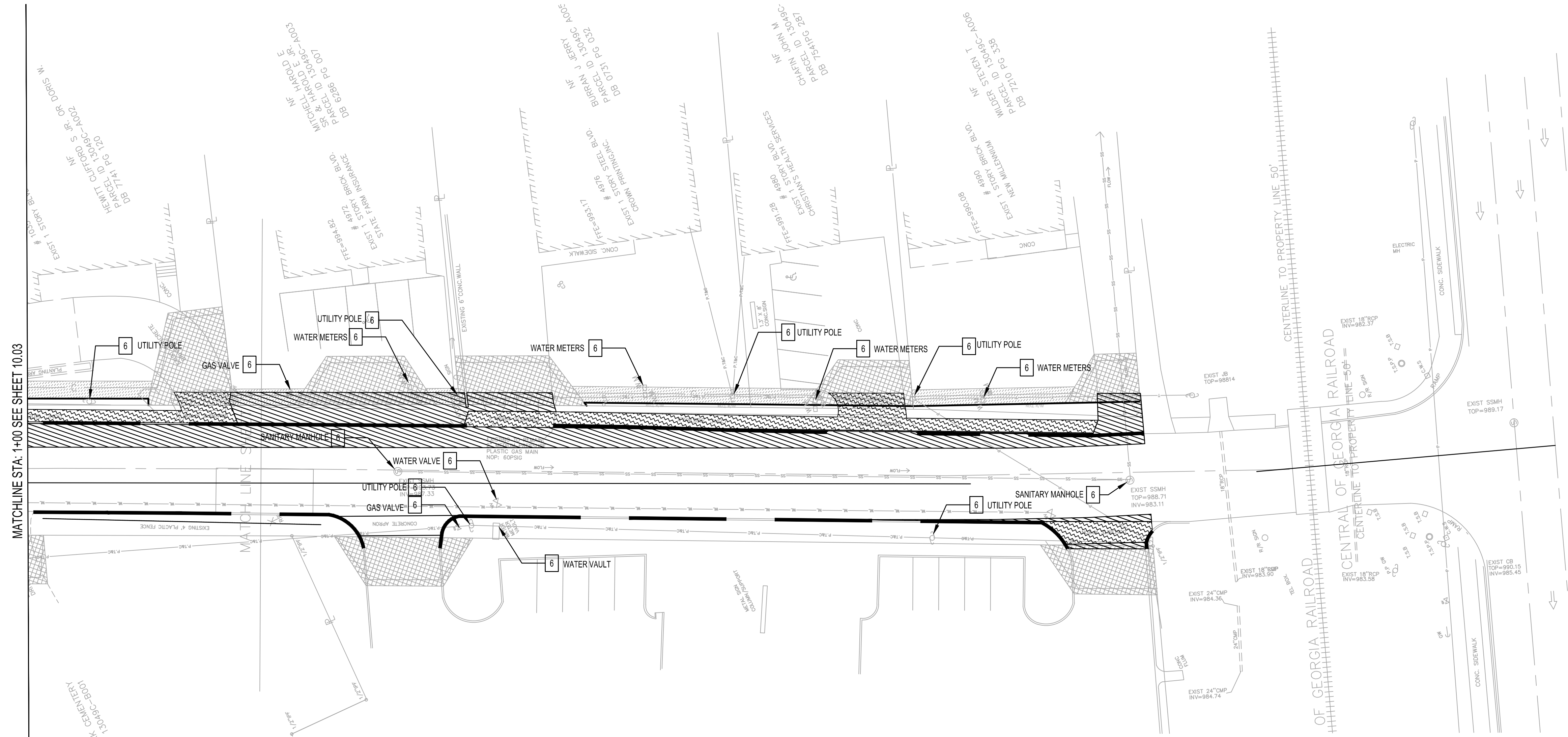
REVISION	BY	DATE	SYMBOL



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
 SCALE AS SHOWN
 DESIGNED BY MMR
 PROJECT NO. 2021008.20/1400400
 DRAWING TITLE PHASE I DEMOLITION PLANS
 MAIN STREET STA. 19+50 - 24+06

10.03



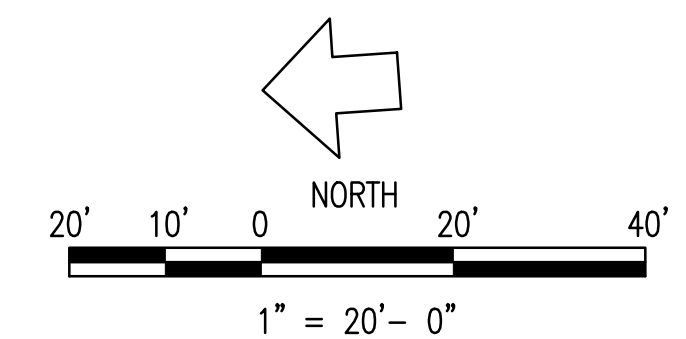
MATCHLINE STA: 1+00 SEE SHEET 10.03

MATCHLINE S

CENTRAL OF GEORGIA RAILROAD
CENTRAL OF GEORGIA RAILROAD
CENTERLINE TO PROPERTY LINE 50'

DEMOLITION NOTES

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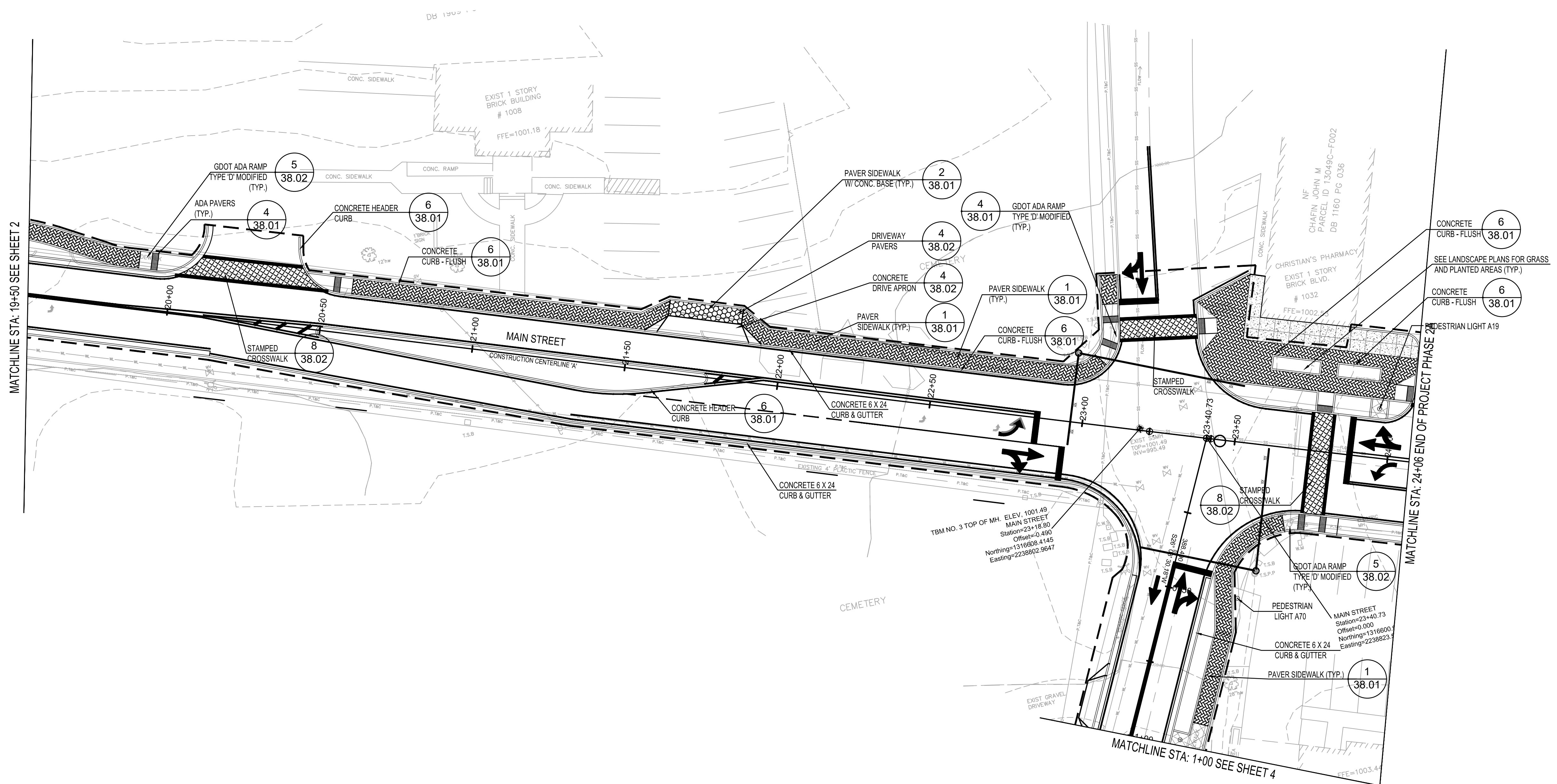


DEMOLITION LEGEND

	EXISTING CONDITIONS (SCREENED)
	ASPHALT ROADWAY/DRIVEWAY PAVEMENT AND BASE REMOVAL
	CONCRETE PAVEMENT AND BASE REMOVAL
	CONCRETE CURBING REMOVAL
	LIMITS OF CONSTRUCTION
	1 TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR
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	5 TO BE REMOVED BY THE OWNER
	6 TO BE REMOVED, RELOCATED, MODIFIED OR ADJUSTED BY OTHERS
	7 TO REMAIN IN PLACE AND PROTECTED

PROJECT NO. 2021008.20/1400400
 COUNTY: CLAYTON
Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E., International Tower
 Suite 2100, Atlanta, Georgia 30309-1629
 404.571.4000 FAX: 404.571.7119
 www.robertandcompany.com

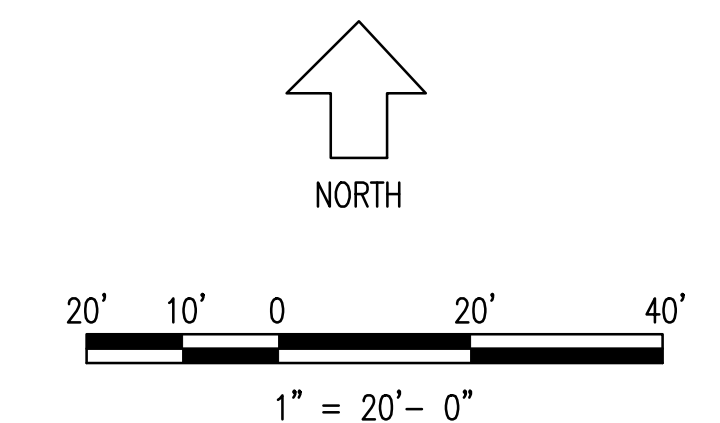
DESIGNED	MMR	CHECKED	JON	DATE	APRIL 2022
DRAWING NO.	2021008.20/1400400	SCALE	AS SHOWN	PROJECT	CITY OF FOREST PARK, GEORGIA
DRAWING TITLE	PHASE 2A DEMOLITION PLANS PHILLIPS DR. STA. 1+00 - 5+40	SPONSOR/CIENT			
FOREST PARK STREETSCAPE					
SHEET 15 OF 130					



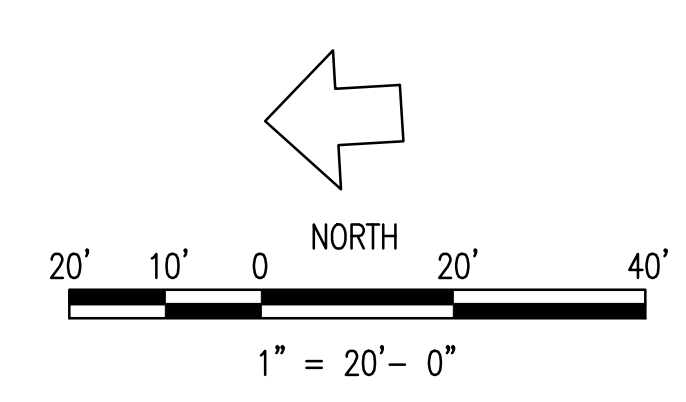
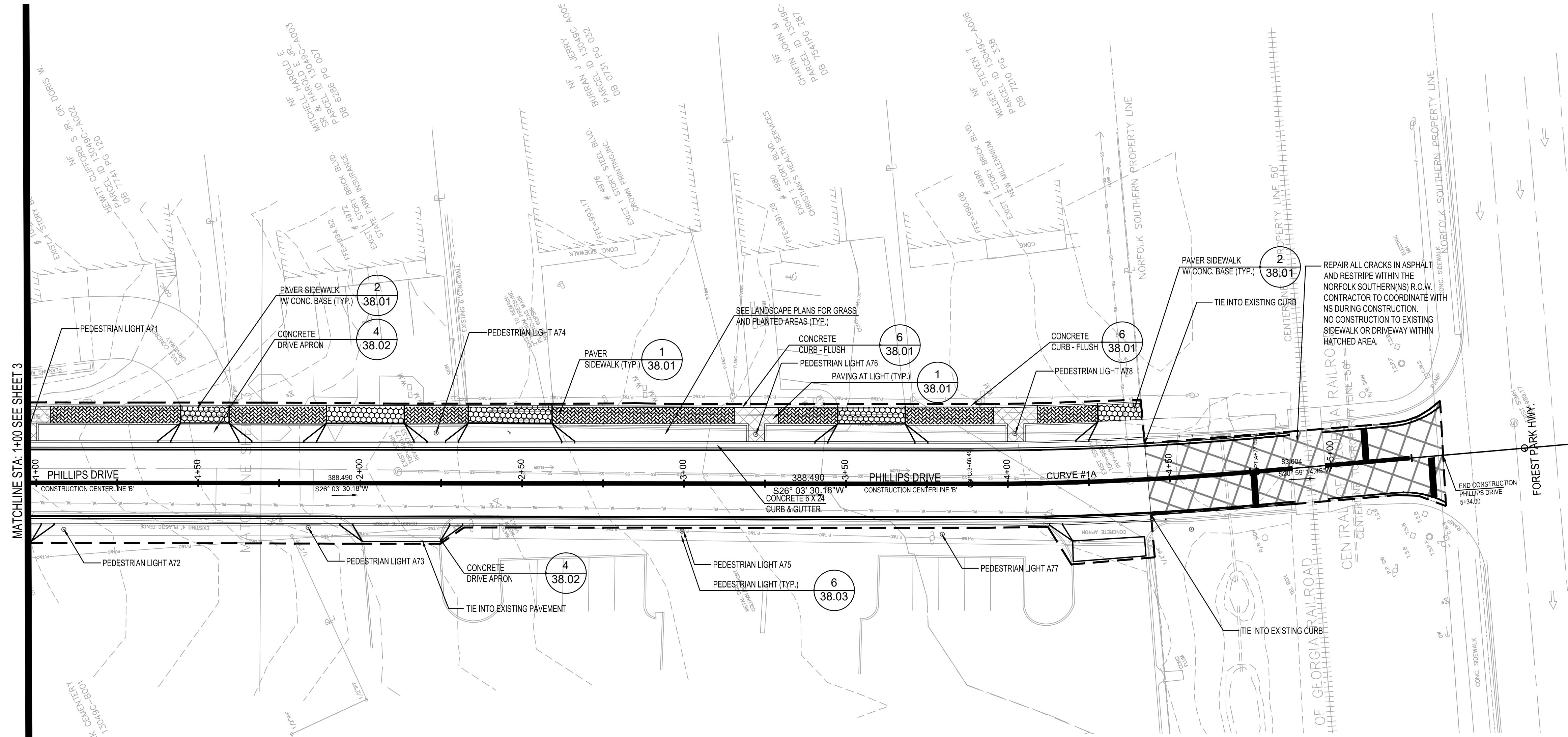
MATCHLINE STA: 19+50 SEE SHEET 2

MATCHLINE STA: 24+06 END OF PROJECT PHASE 2A

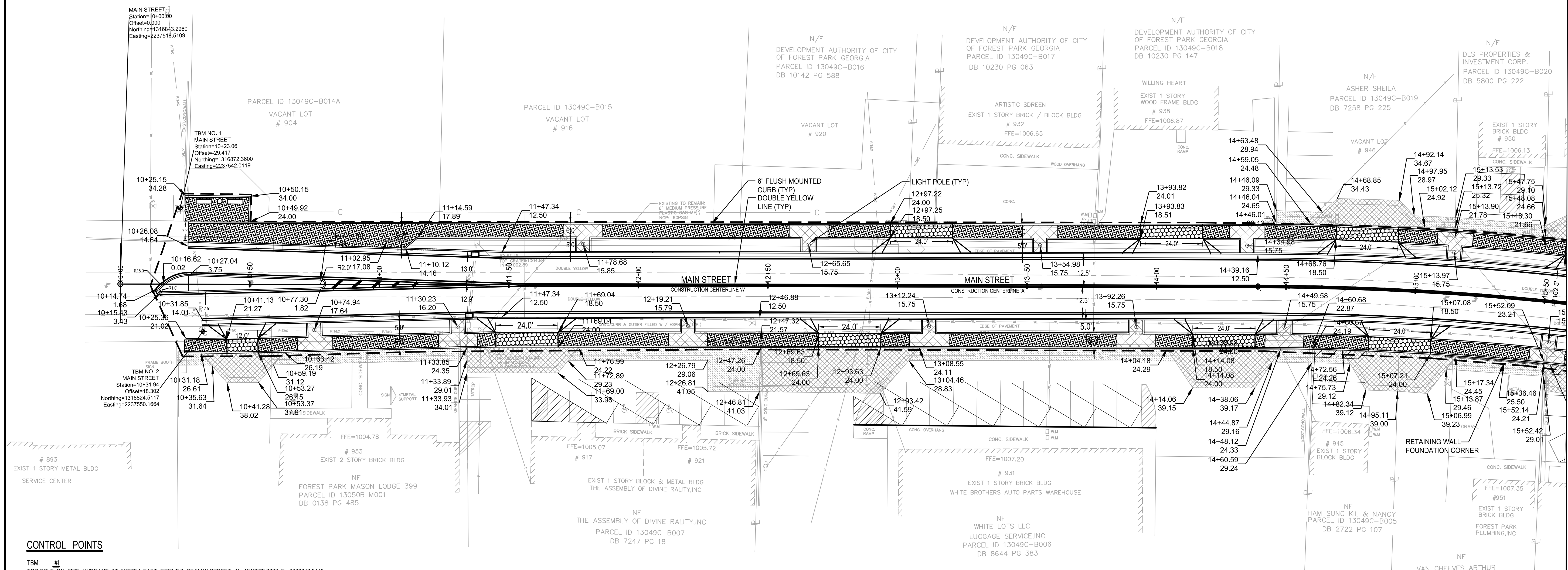
MATCHLINE STA: 1+00 SEE SHEET 4



PROJECT NO. 2021008.20/1400400	
COUNTY: CLAYTON	
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404.577.4800 FAX: 404.577.7179 www.robertandcompany.com	
	SEAL LEVEL 2 CERTIFICATION #954
SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA	PROJECT FOREST PARK STREETSCAPE
DATE APRIL 2022	SCALE AS SHOWN
CHECKED MBK	PHASE 2A SITE PLAN STA. 18+00 - 24+06
DRAWN JON	DRAWING NO. 2021008.20/1400400
DESIGNED MMR	DRAWING TITLE PHASE 2A SITE PLAN STA. 18+00 - 24+06
SHEET 18 OF 130	



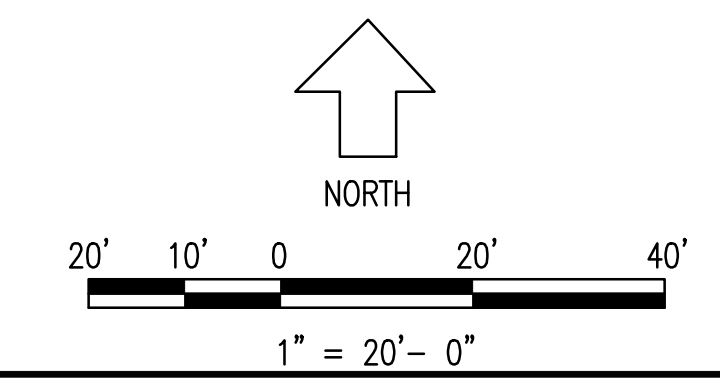
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Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404.577.4800 FAX: 404.577.7179 www.robertandcompany.com	
DESIGNED BY MMR	CHECKED BY JON
DRAWN BY JON	DATE APRIL 2022
PROJECT NO. 2021008.20/1400400	SCALE AS SHOWN
DRAWING TITLE PHASE 2A SITE PLAN PHILLIPS ROAD	REVISION
SPONSOR/CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETSCAPE	
SHEET 19 OF 130	



- CONTROL POINTS**
- TBM: #1
TOP BOLT ON FIRE HYDRANT AT NORTH EAST CORNER OF MAIN STREET; N - 1316872.3600, E - 2237642.0119
 - TBM: #2
POWER POLE SOUTHEAST CORNER OF MAIN STREET; N - 1316824.5117, E - 2237550.1664
 - TBM: #3
MH TOP CTR. ELEV. 1001.49 AT THE INTERSECTION OF PHILLIPS & MAIN; N - 1316608.4145, E - 2238802.9647
 - TBM: #4
MH TOP CTR. ELEV. 1001.74, SOUTHWEST CORNER OF FOREST PARK SHOPPING CENTER; N - 11316845.6029 E - 2238132.3204
 - TBM: #5
MH TOP CTR. ELEV. 999.82 NORTH OF MAIN STREET ON PHILLIPS RD NORTH; N - 1316758.6087, E - 223832.9814

- LAYOUT NOTES**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE INITIATION OF ANY CONSTRUCTION ON THE PROJECT OR IN THE STREETS BORDERING THE PROJECT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR ANY DAMAGE INCURRED TO UTILITY LINES, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT, DURING WORK ON THE PROJECT.
 2. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE SODED, FERTILIZED, AND MULCHED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION PER PROJECT ENGINEER.
 3. ANY FILL PLACED IN THIS DEVELOPMENT SHALL BE LAID IN A MAXIMUM OF 6" LIFTS AND BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. ALL FILLWORK SHALL CONFORM TO THE REQUIREMENTS OF FOREST PARK CONSTRUCTION CODES.
 4. THE CONTRACTOR MUST HAVE WRITTEN APPROVAL FROM THE CITY ENGINEER AND THE PROJECT ENGINEER BEFORE ANY CHANGE IN DESIGN ARE MADE.
 5. THE CONTRACTOR SHALL NOT ENTER UPON NOR CAUSE DAMAGE TO ANY ADJACENT PROPERTIES WITHOUT WRITTEN PERMISSION FROM SAID PROPERTY OWNERS.
 6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL DURING CONSTRUCTION BY THE PLACEMENT OF SILT FENCES AND/OR HAYBALES WHERE NECESSARY TO PREVENT DOWNSTREAM SILTATION OF ANY DITCHES, PIPES, DRAINAGE STRUCTURES, OR ADJACENT PROPERTIES. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL AS NEEDED OR AS DIRECTED BY THE ENGINEER.
 7. AT THE END OF EACH WORK DAY THE CONTRACTOR SHALL PLACE HAYBALES WITH SILT FENCE (SEE DETAIL) ACROSS THE UPSTREAM END OF THE NEWLY LAID PIPE. THE HAYBALES AND SILT FENCE SHALL REMAIN IN PLACE UNTIL THE NEXT SECTION OF PIPE IS READY TO BE LAID.
 8. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO FOREST CITY CONSTRUCTION CODES.
 9. CONTACT THE CITY ENGINEERING DEPT. AT LEAST 24 HRS. PRIOR TO COMMENCING WORK. ALL EXISTING SIGNS TO BE PLACED ON NEW POST OR STORED AS DIRECTED BY OWNER.

- LEGEND**
- PEDESTRIAN STREET LIGHTS
 - TRASH RECEPTACLE
 - BENCH



EASEMENT LEGEND	
	REQ'D R/W RIGHT OF WAY ACQUISITION
	EASEMENT FOR CONSTRUCTION OF SLOPES
	EASEMENT FOR DRIVEWAYS
	LIMITS OF CONSTRUCTION

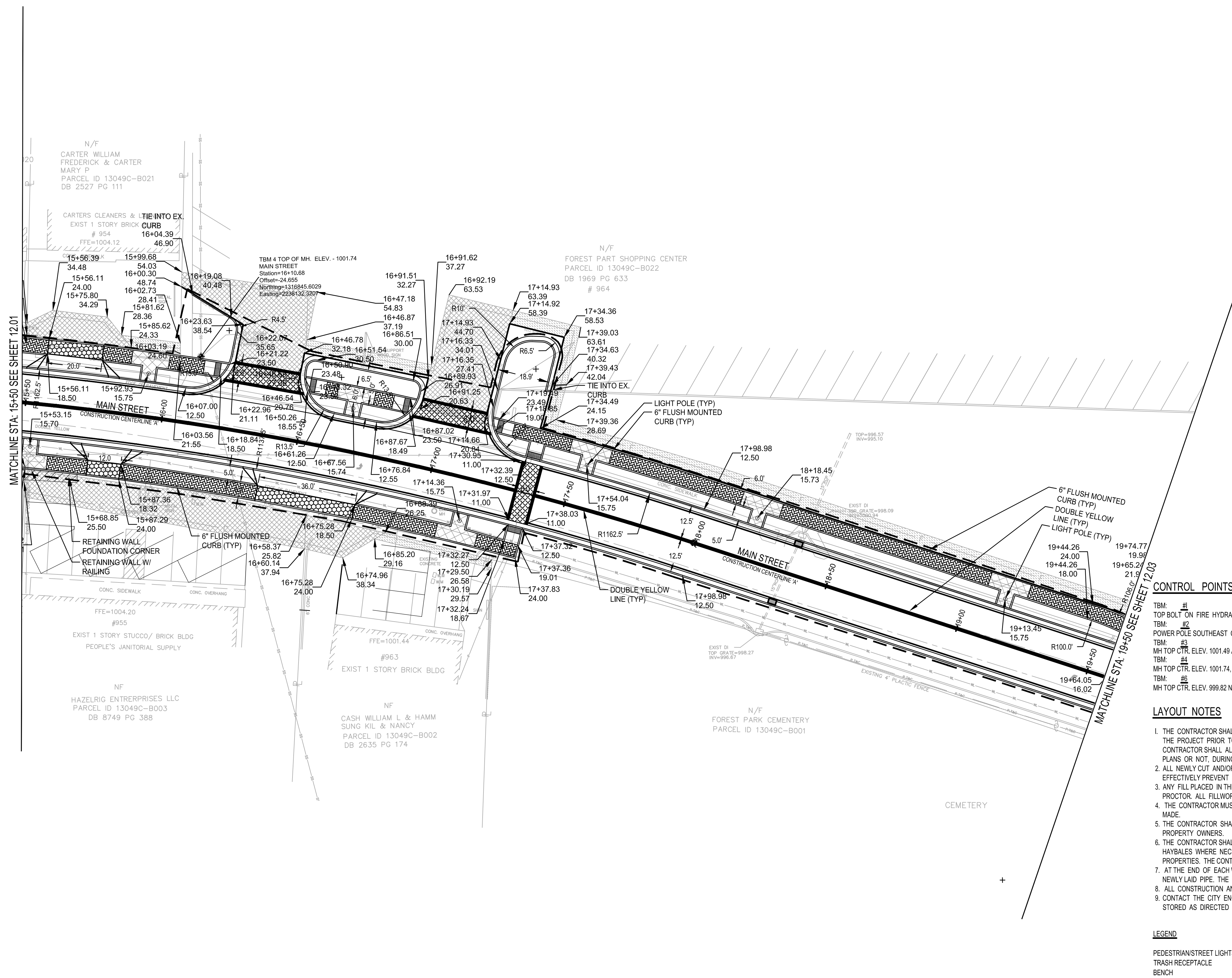
GEORGIA811
 www.Georgia811.com

Circular Curve #1 Data
 Delta: 17° 53' 39.9107"
 Type: RIGHT
 Radius: 1150.000
 DOC: 04° 58' 56.0703"
 Length: 359.833
 Tangent: 181.399
 Mid-Ord: 14.045
 External: 14.219
 Chord: 358.367
 Course: S 80° 10' 02.0111" E

NO.	DATE	BY	REVISION

SPONSOR/CITY OF FOREST PARK, GEORGIA
 CLIENT
 PROJECT
 FOREST PARK STREETSCAPE

DESIGNED	CHECKED	DATE	SCALE
MMR	JON	APRIL 2022	AS SHOWN
PROJECT NO.	2021008.20/1400400		
DRAWING TITLE	PHASE 2A LAYOUT & STAKING PLAN		
DRAWING NO.	STA. 10+00 - 12+50		



CONTROL POINTS

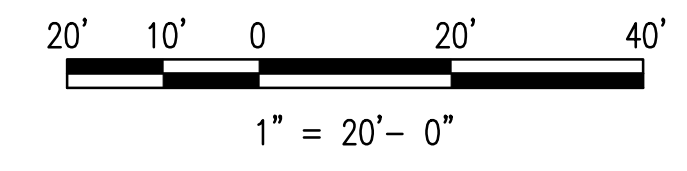
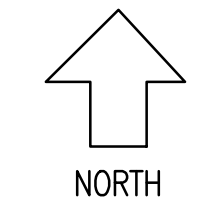
- TBM: #1
TOP BOLT ON FIRE HYDRANT AT NORTH EAST CORNER OF MAIN STREET; N - 1316872.3600, E - 2237642.0119
- TBM: #2
POWER POLE SOUTHEAST CORNER OF MAIN STREET; N - 1316824.5117, E - 2237550.1664
- TBM: #3
MH TOP CTR. ELEV. 1001.49 AT THE INTERSECTION OF PHILLIPS & MAIN; N - 1316808.4145, E - 2238802.9647
- TBM: #4
MH TOP CTR. ELEV. 1001.74, SOUTHWEST CORNER OF FOREST PARK SHOPPING CENTER; N - 1316845.6029 E - 2238132.3204
- TBM: #5
MH TOP CTR. ELEV. 999.82 NORTH OF MAIN STREET ON PHILLIPS RD NORTH; N - 1316758.6087, E - 223832.9814

LAYOUT NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE INITIATION OF ANY CONSTRUCTION ON THE PROJECT OR IN THE STREETS BORDERING THE PROJECT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR ANY DAMAGE INCURRED TO UTILITY LINES, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT, DURING WORK ON THE PROJECT.
2. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE SODDED, FERTILIZED, AND MULCHED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION PER PROJECT ENGINEER.
3. ANY FILL PLACED IN THIS DEVELOPMENT SHALL BE LAID IN A MAXIMUM OF 6' LIFTS AND BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. ALL FILLWORK SHALL CONFORM TO THE REQUIREMENTS OF FOREST PARK CONSTRUCTION CODES.
4. THE CONTRACTOR MUST HAVE WRITTEN APPROVAL FROM THE CITY ENGINEER AND THE PROJECT ENGINEER BEFORE ANY CHANGE IN DESIGN ARE MADE.
5. THE CONTRACTOR SHALL NOT ENTER UPON NOR CAUSE DAMAGE TO ANY ADJACENT PROPERTIES WITHOUT WRITTEN PERMISSION FROM SAID PROPERTY OWNERS.
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL DURING CONSTRUCTION BY THE PLACEMENT OF SILT FENCES AND/OR HAYBALES WHERE NECESSARY TO PREVENT DOWNSTREAM SILTATION OF ANY DITCHES, PIPES, DRAINAGE STRUCTURES, OR ADJACENT PROPERTIES. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL AS NEEDED OR AS DIRECTED BY THE ENGINEER.
7. AT THE END OF EACH WORK DAY THE CONTRACTOR SHALL PLACE HAYBALES WITH SILT FENCE (SEE DETAIL) ACROSS THE UPSTREAM END OF THE NEWLY LAID PIPE. THE HAYBALES AND SILT FENCE SHALL REMAIN IN PLACE UNTIL THE NEXT SECTION OF PIPE IS READY TO BE LAID.
8. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO FOREST CITY CONSTRUCTION CODES.
9. CONTACT THE CITY ENGINEERING DEPT. AT LEAST 24 HRS. PRIOR TO COMMENCING WORK. ALL EXISTING SIGNS TO BE PLACED ON NEW POST OR STORED AS DIRECTED BY OWNER.

LEGEND

- PEDESTRIAN/STREET LIGHTS
- TRASH RECEPTACLE
- BENCH



EASEMENT LEGEND	
	RIGHT OF WAY ACQUISITION
	EASEMENT FOR CONSTRUCTION OF SLOPES
	EASEMENT FOR DRIVEWAYS
	LIMITS OF CONSTRUCTION

Circular Curve #1 Data
 Delta: 17° 55' 39.9107"
 Type: RIGHT
 Radius: 1150.000
 DOC: 04° 58' 56.0703"
 Length: 359.833
 Tangent: 181.399
 Mid-Ord: 14.045
 External: 14.219
 Chord: 358.367
 Course: S 80° 10' 02.0111" E

REVISION	BY	DATE	SYMBOL

SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE
 PHASE 2A
 LAYOUT & STAKING PLAN
 STA. 15+50 - 19+50

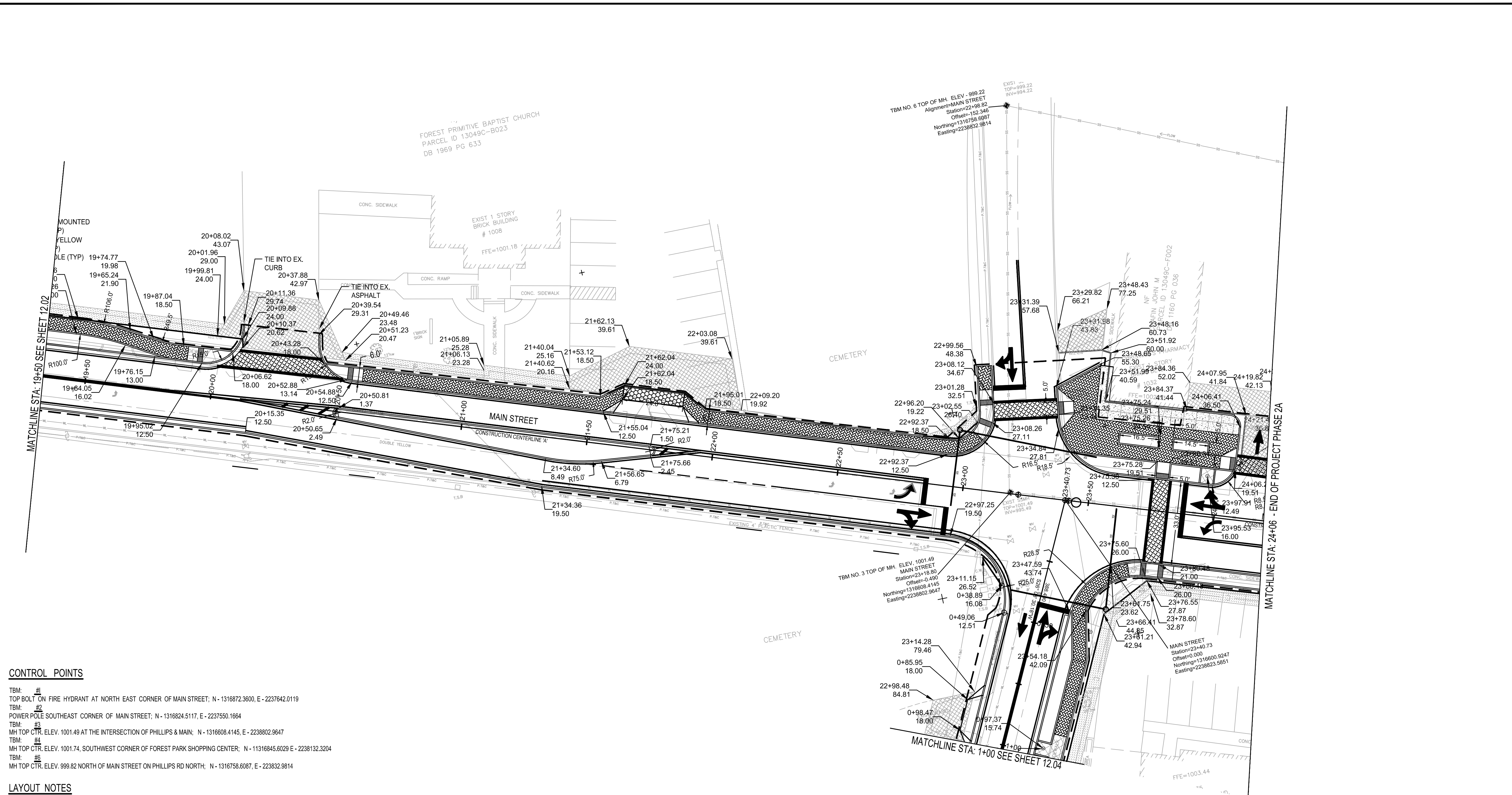
REVISION	BY	DATE	SYMBOL



SPONSOR/CIENT: CITY OF FOREST PARK, GEORGIA
 PROJECT: FOREST PARK STREETScape

DATE: APRIL 2022
 SCALE: AS SHOWN
 DRAWING TITLE: PHASE I LAYOUT & STAKING PLAN STA. 18+00 - 22+50

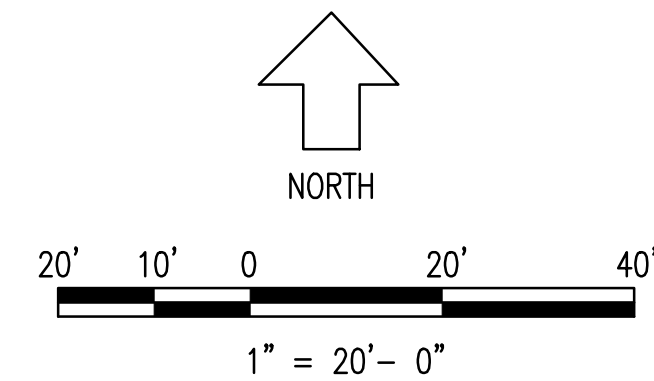
SHEET 22 OF 130



- CONTROL POINTS**
- TBM: #1 TOP BOLT ON FIRE HYDRANT AT NORTH EAST CORNER OF MAIN STREET; N - 1316872.3600, E - 2237842.0119
 - TBM: #2 POWER POLE SOUTHEAST CORNER OF MAIN STREET; N - 1316824.5117, E - 2237550.1664
 - TBM: #3 MH TOP CTR. ELEV. 1001.49 AT THE INTERSECTION OF PHILLIPS & MAIN; N - 1316608.4145, E - 2238802.9647
 - TBM: #4 MH TOP CTR. ELEV. 1001.74, SOUTHWEST CORNER OF FOREST PARK SHOPPING CENTER; N - 11316845.6029 E - 2238132.3204
 - TBM: #5 MH TOP CTR. ELEV. 999.82 NORTH OF MAIN STREET ON PHILLIPS RD NORTH; N - 1316758.6087, E - 223832.9814

- LAYOUT NOTES**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE INITIATION OF ANY CONSTRUCTION ON THE PROJECT OR IN THE STREETS BORDERING THE PROJECT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR ANY DAMAGE INCURRED TO UTILITY LINES, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT, DURING WORK ON THE PROJECT.
 2. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE SODDER, FERTILIZED, AND MULCHED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION PER PROJECT ENGINEER.
 3. ANY FILL PLACED IN THIS DEVELOPMENT SHALL BE LAID IN A MAXIMUM OF 6" LIFTS AND BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. ALL FILLWORK SHALL CONFORM TO THE REQUIREMENTS OF FOREST PARK CONSTRUCTION CODES.
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- LEGEND**
- PEDESTRIAN/STREET LIGHTS
 - TRASH RECEPTACLE
 - BENCH

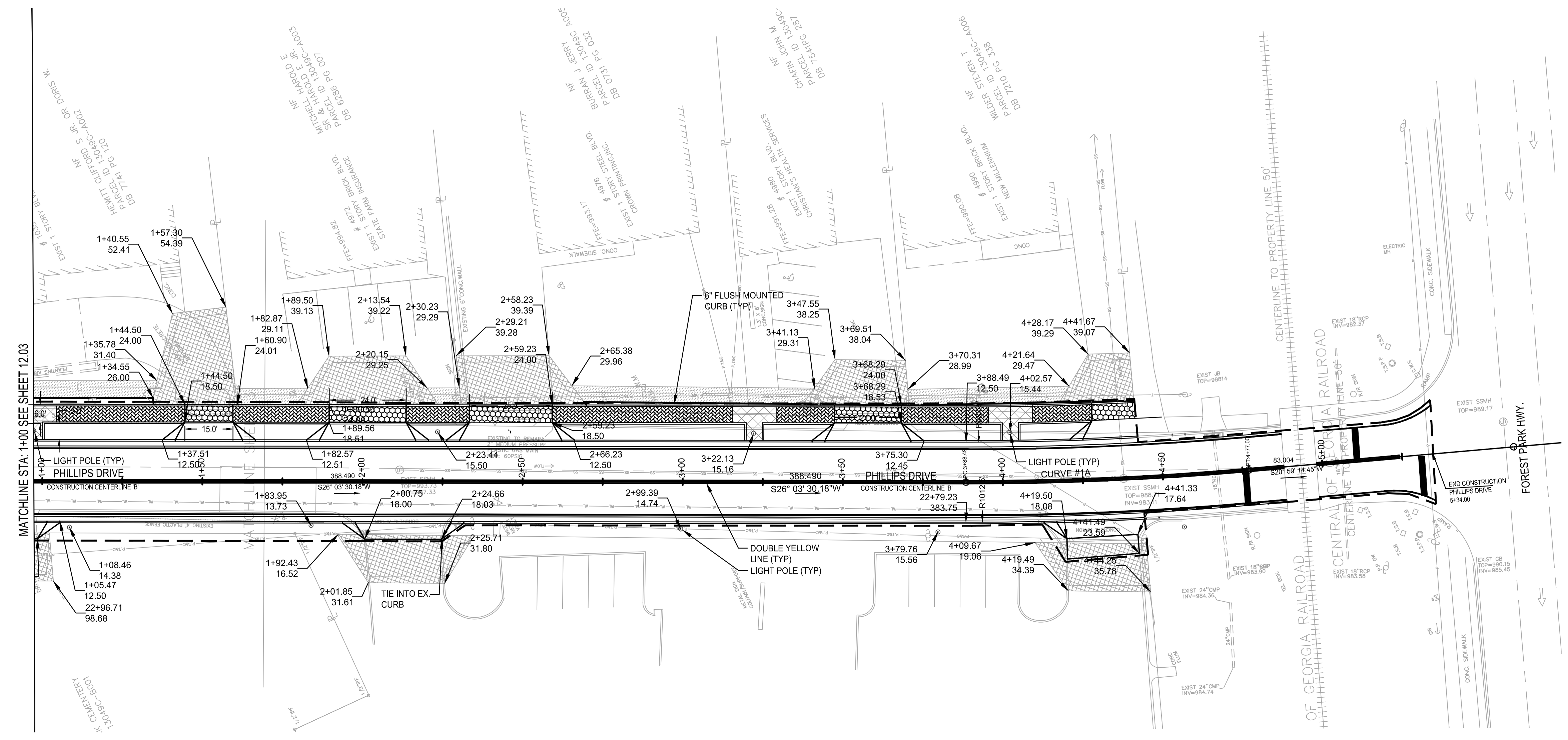


EASEMENT LEGEND

— REQ'D R/W —	RIGHT OF WAY ACQUISITION
	EASEMENT FOR CONSTRUCTION OF SLOPES
	EASEMENT FOR DRIVEWAYS
— C — F —	LIMITS OF CONSTRUCTION

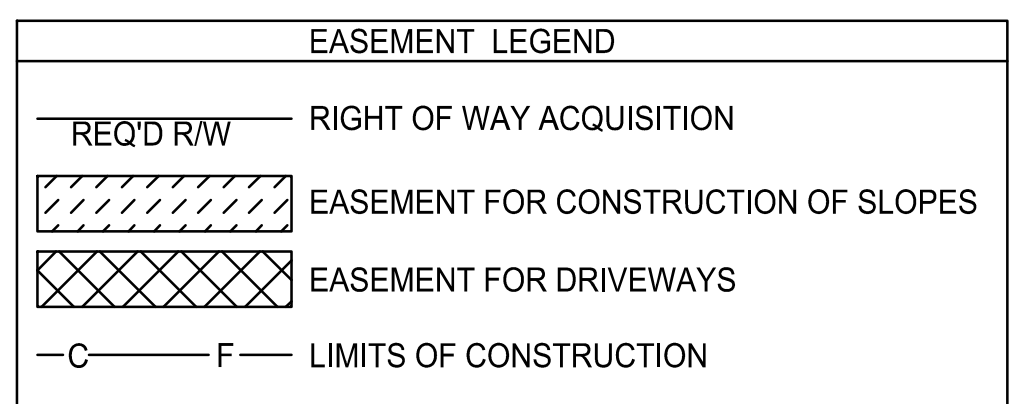
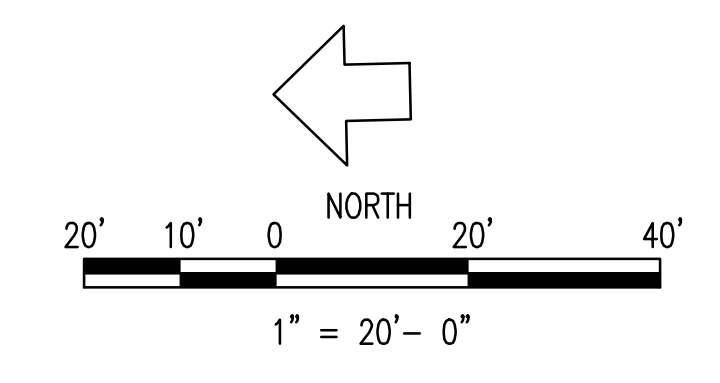
GEORGIA811
 www.Georgia811.com

Circular Curve #1 Data
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 Type: RIGHT
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 DOC: 04° 58' 56.0703"
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 Tangent: 181.399
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 Course: S 80° 10' 02.0111" E



- CONTROL POINTS**
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TOP BOLT ON FIRE HYDRANT AT NORTH EAST CORNER OF MAIN STREET; N - 1316872.3600, E - 2237642.0119
 - TBM: #2
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 - TBM: #3
MH TOP CTR. ELEV. 1001.49 AT THE INTERSECTION OF PHILLIPS & MAIN; N - 1316608.4145, E - 2238802.9647
 - TBM: #4
MH TOP CTR. ELEV. 1001.74, SOUTHWEST CORNER OF FOREST PARK SHOPPING CENTER; N - 11316845.6029 E - 2238132.3204
 - TBM: #6
MH TOP CTR. ELEV. 999.82 NORTH OF MAIN STREET ON PHILLIPS RD NORTH; N - 1316758.6087, E - 223832.9814

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SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

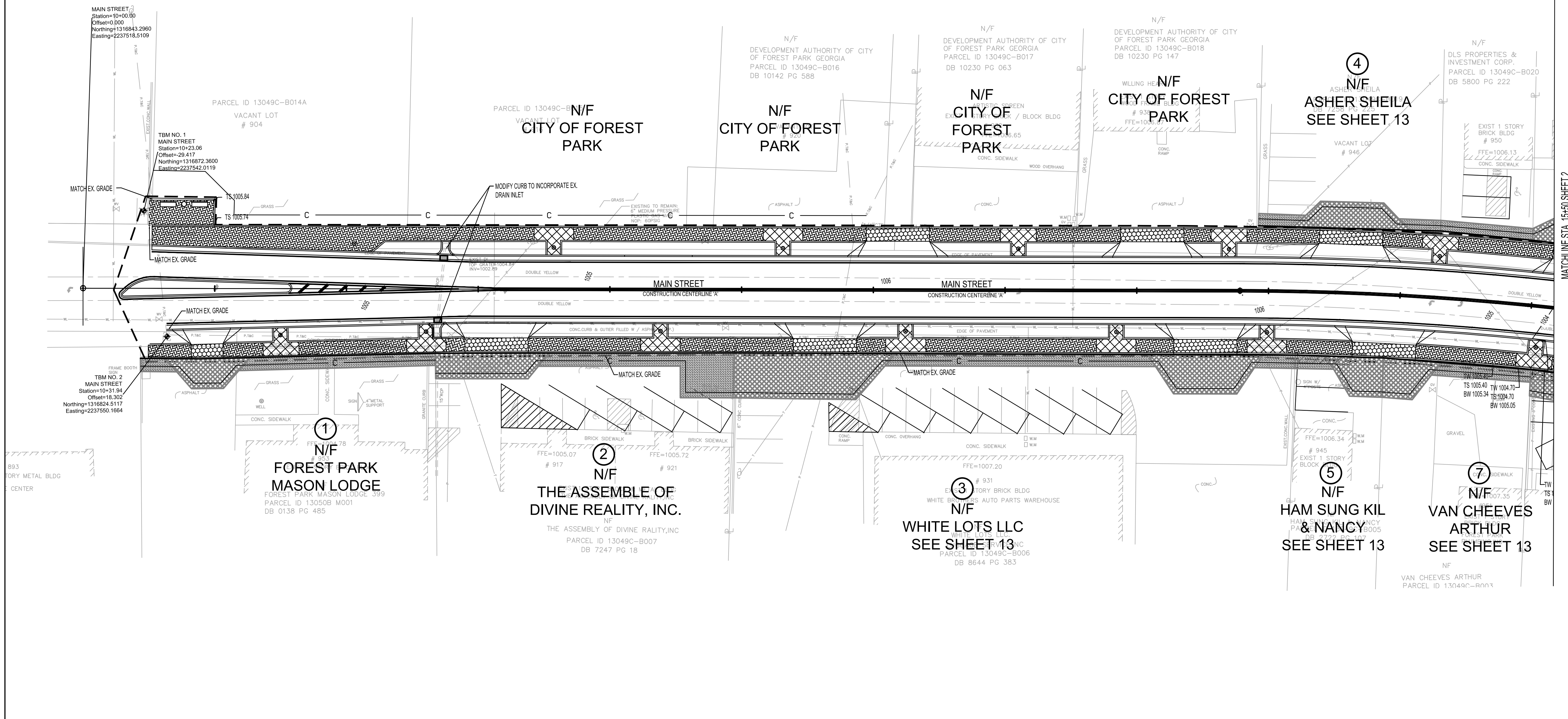
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 SCALE AS SHOWN
 DRAWING TITLE PHASE 2A LAYOUT & STAKING PLAN PHILLIPS ROAD

SYMBOL	DATE	BY	REVISION

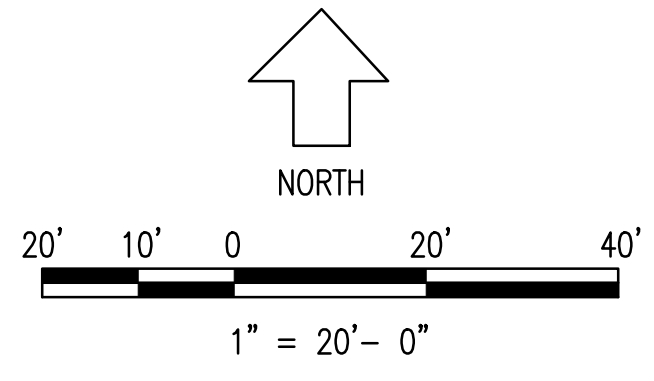


SPONSOR/CITY	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK'S STREETSCAPE

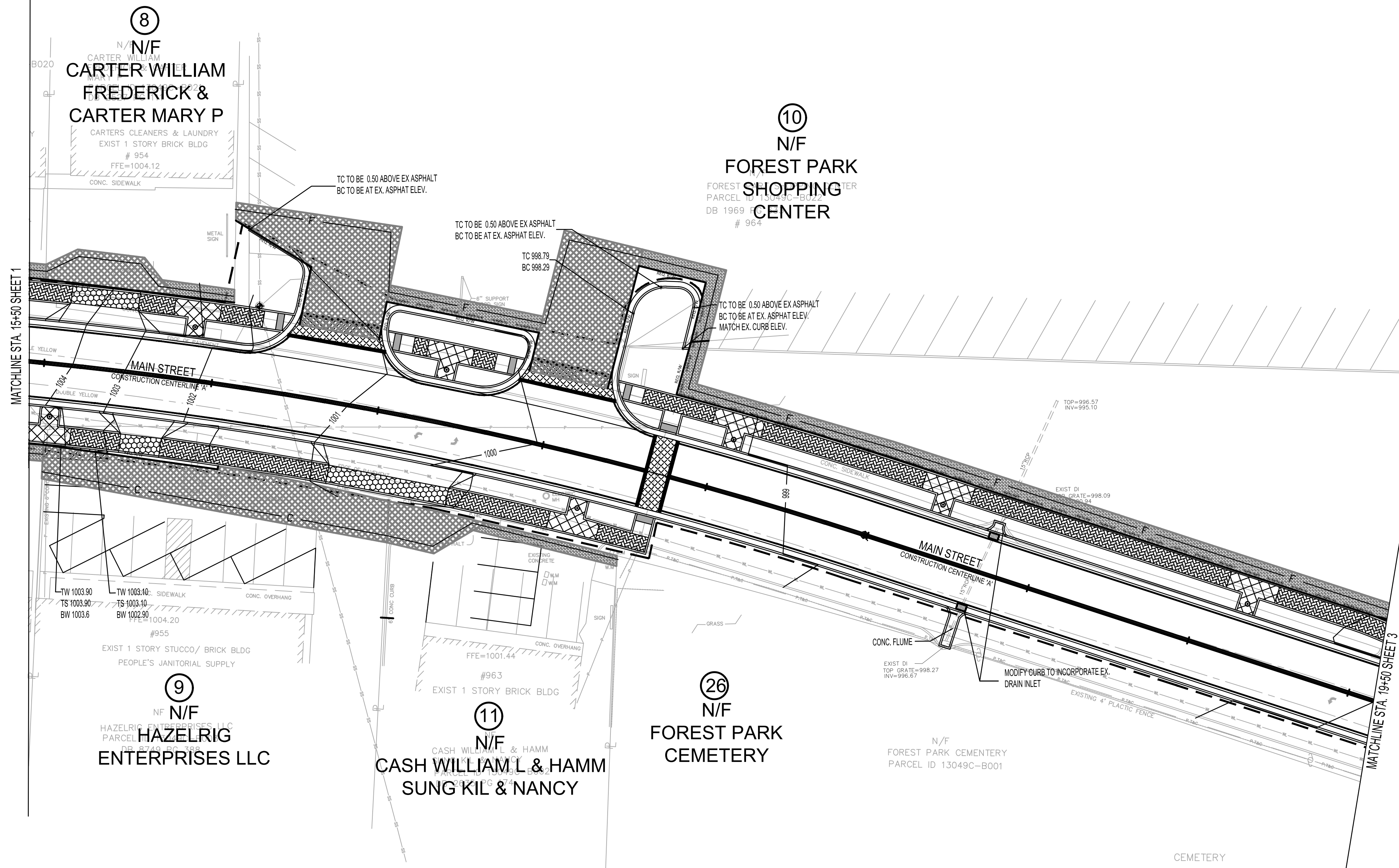
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CHECKED	MBK
DRAWN	JON
DESIGNED	MMR
PROJECT NO.	2021008.20/1400400
DRAWING TITLE	PHASE 2A GRADING & DRAINAGE PLAN (SHEET 2 OF 4)



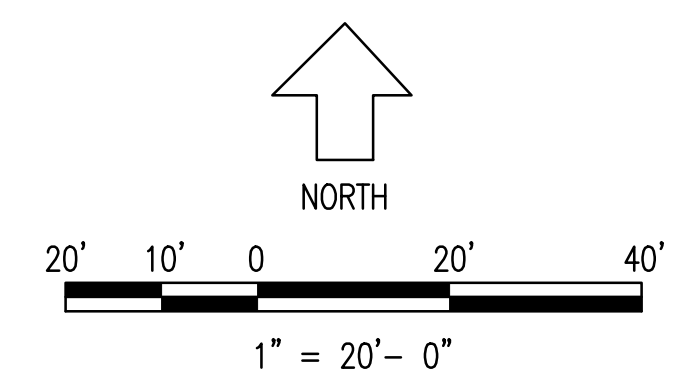
SURVEY COMPLETED BY:
J.B. PRINCE & ASSOCIATES, INC.
110 NORTH BERRY STREET
STOCKBRIDGE, GA 30281
PH: 770-474-1487
SURVEY COMPLETED: May, 2013
LAND LOT: 138 DISTRICT: 137H



MATCHLINE STA. 15+50 SHEET 2



SURVEY COMPLETED BY:
 J.B. PRINCE & ASSOCIATES, INC.
 110 NORTH BERRY STREET
 STOCKBRIDGE, GA 30281
 PH: 770-474-1487
 SURVEY COMPLETED: May, 2013
 LAND LOT: 138 DISTRICT: 13TH

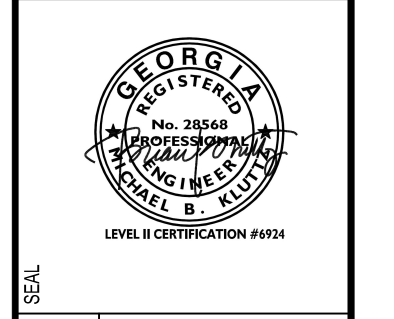


PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON

Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E. International Tower
 Suite 2100, Atlanta, Georgia 30303-0229
 404-577-4800 FAX: 404-577-7119
 www.robertandcompany.com

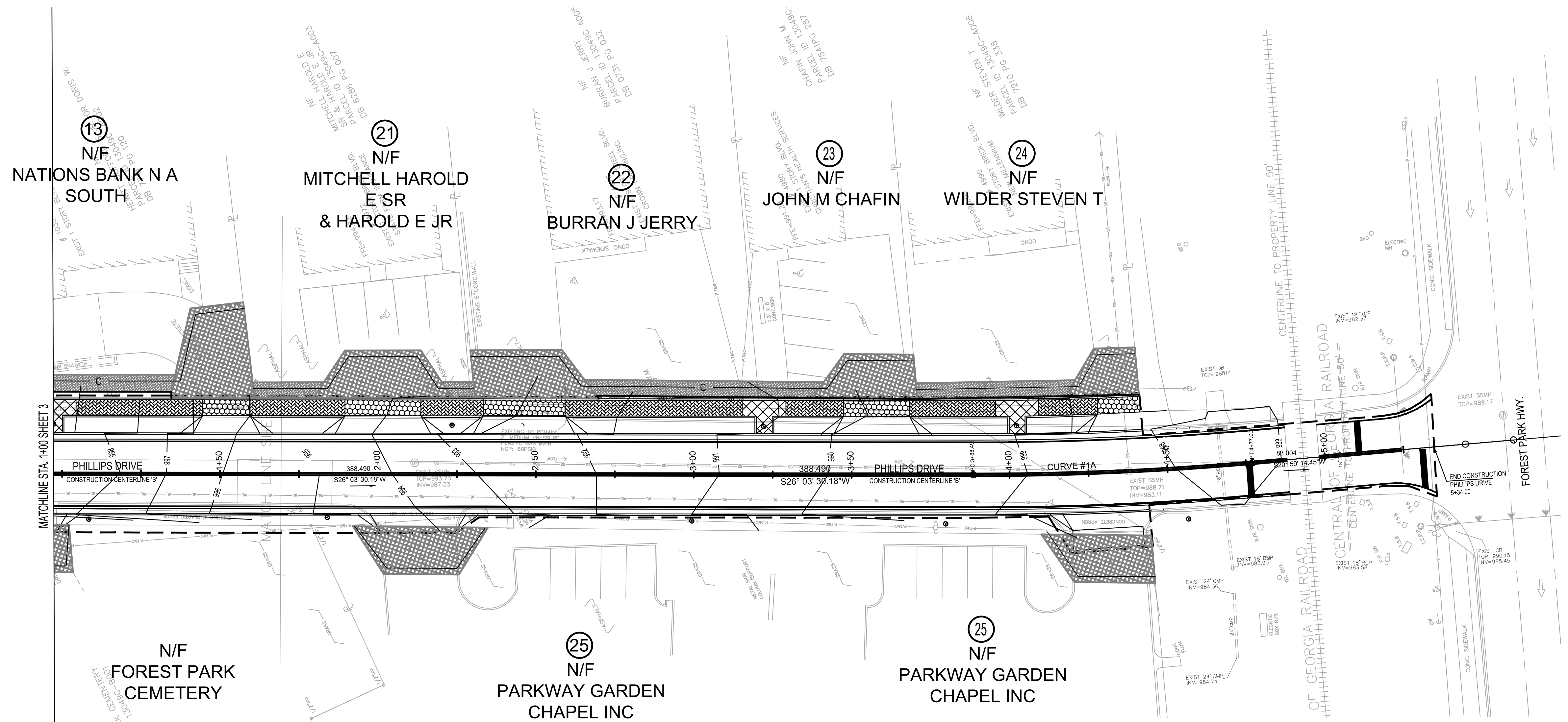
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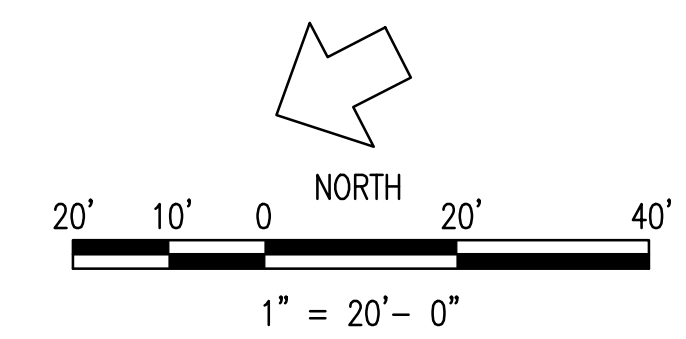
SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
 SCALE AS SHOWN
 DRAWN JON MBK
 PROJECT NO. 2021008.20/1400400
 DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN (SHEET 2 OF 4)

DESIGNED MMR
 DRAWING NO. 23-02
 SHEET 25 OF 130



SURVEY COMPLETED BY:
 J.B. PRINCE & ASSOCIATES, INC.
 110 NORTH BERRY STREET
 STOCKBRIDGE, GA 30281
 PH: 770-474-1487
 SURVEY COMPLETED: May, 2013
 LAND LOT: 138 DISTRICT: 13TH

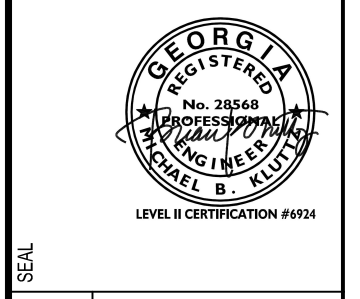


PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON

Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E. International Tower
 Suite 571, Atlanta, Georgia 30308-1629
 Phone: 404.524.7119 Fax: 404.524.7119
 www.robertandcompany.com

SYMBOL	DATE	BY	REASON



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

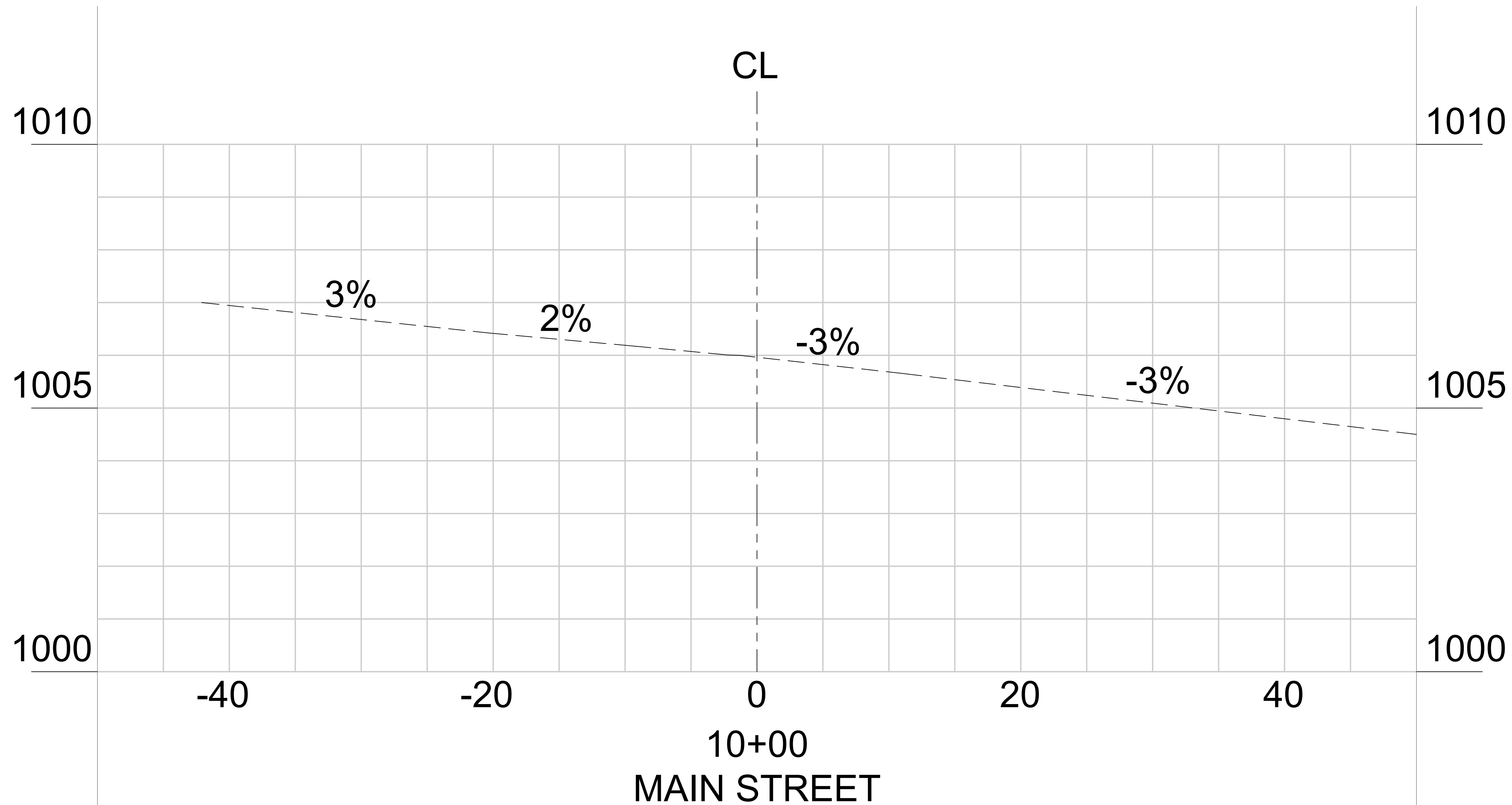
PROJECT
FOREST PARK'S STREETScape

DESIGNED	DRAWN	CHECKED	DATE	SCALE
MMR	JON	MBK	APRIL 2022	AS SHOWN



DRAWING NO.
2021008.20/1400400

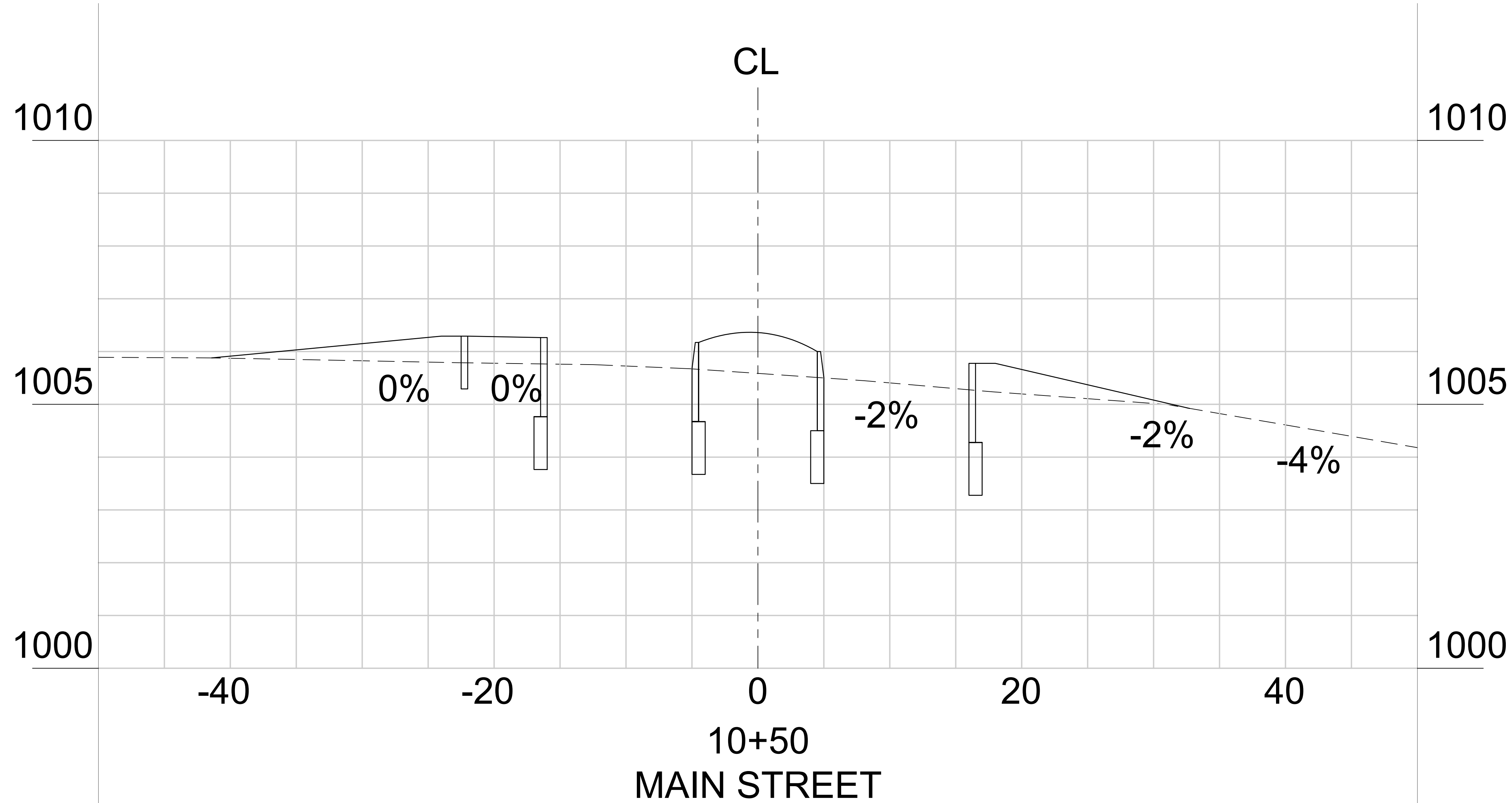
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PHASE 2A
GRADING & DRAINAGE PLAN
(SHEET 4 OF 4)

23-04



*SEE 1-PROPOSED TYPICAL SECTION SHEET 06.01

PROJECT NO. 01400400	
COUNTY: CLAYTON	
 Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 5710, Atlanta, Georgia 30308-1629 Phone: 404.525.7719 www.robertandcompany.com	
	SEAL ROBERT AND COMPANY PROFESSIONAL ENGINEER STATE OF GEORGIA LICENSE NO. 28548 LEVEL II CERTIFICATION #6954
SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA	PROJECT FOREST PARK STREETSCAPE
DATE FEBRUARY 2022	SCALE AS SHOWN
DRAWING NO. 1400400	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
23-05	
SHEET 28 OF 130	

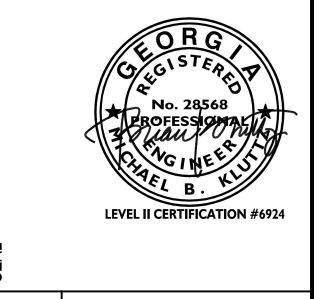


PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E. International Tower
Suite 5700 Atlanta, Georgia 30308-1629
404.521.4100 FAX 404.521.7119
www.robertandcompany.com

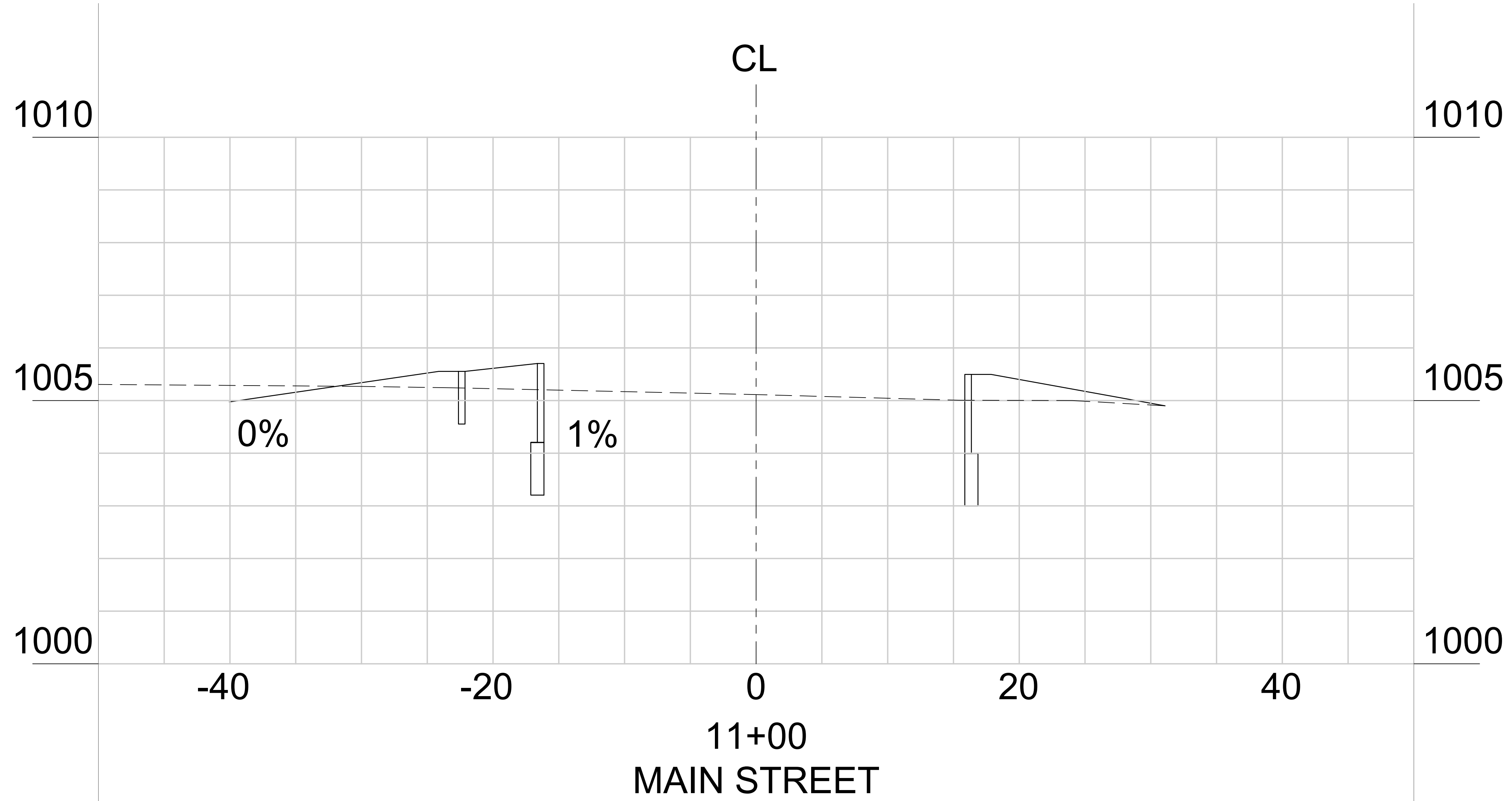
SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETSCAPE

DESIGNED PROJECT NO. 1400400
DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
DATE FEBRUARY 2022
SCALE AS SHOWN

DRAWING NO. **23-06**



PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E., International Tower
Suite 570, Atlanta, Georgia 30308-1829
Phone: 404.525.7179
www.robertandcompany.com

SYMBOL	DATE	BY	REVISION



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETSCAPE

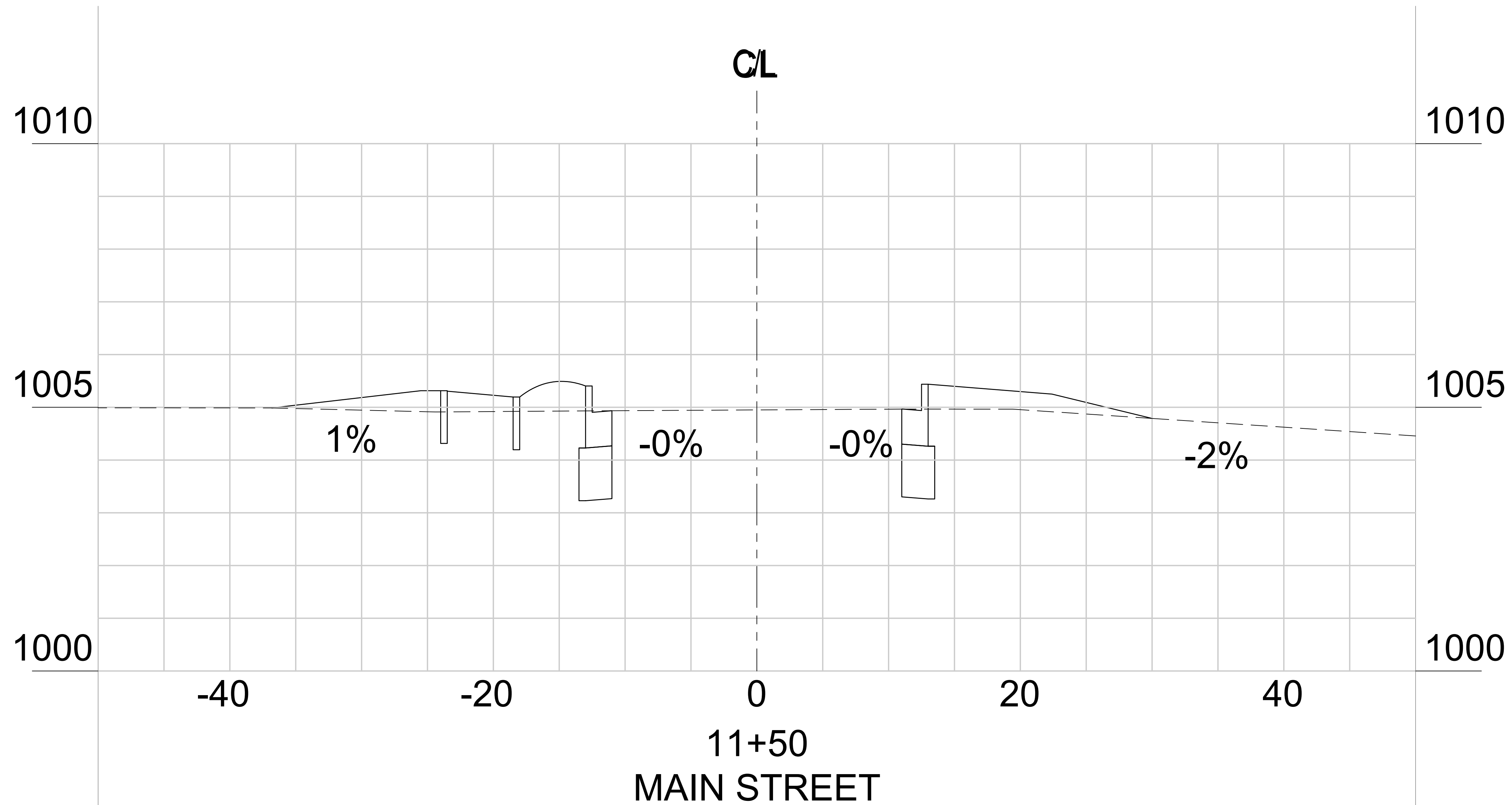
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1400400

DRAWING TITLE
PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

DATE
FEBRUARY 2022

SCALE
AS SHOWN

DRAWING NO.
23-07



11+50
MAIN STREET

*SEE 2-PROPOSED TYPICAL SECTION SHEET 06.01

PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E. International Tower
Suite 700 Atlanta, Georgia 30308-1629
Phone: 404.525.7119 Fax: 404.525.7119
www.robertandcompany.com

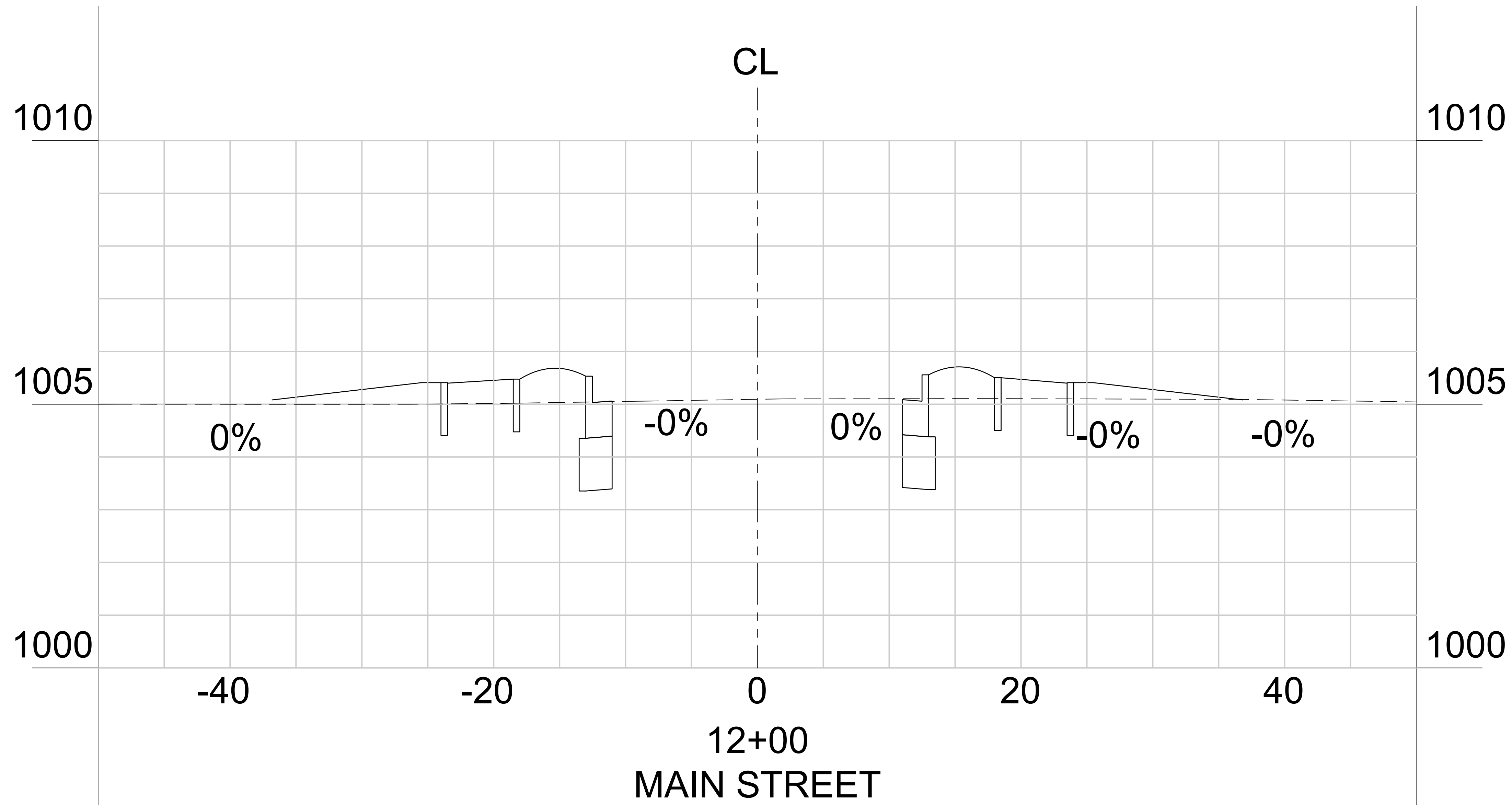
NO.	SYMBOL	DATE	BY	REVISION




SPONSOR/CITY: CITY OF FOREST PARK, GEORGIA
PROJECT: FOREST PARK STREETSCAPE

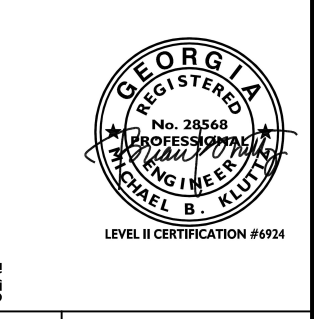
DESIGNED: PROJECT NO. 1400400
DRAWING TITLE: PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
DATE: FEBRUARY 2022
SCALE: AS SHOWN

DRAWING NO.
23-08



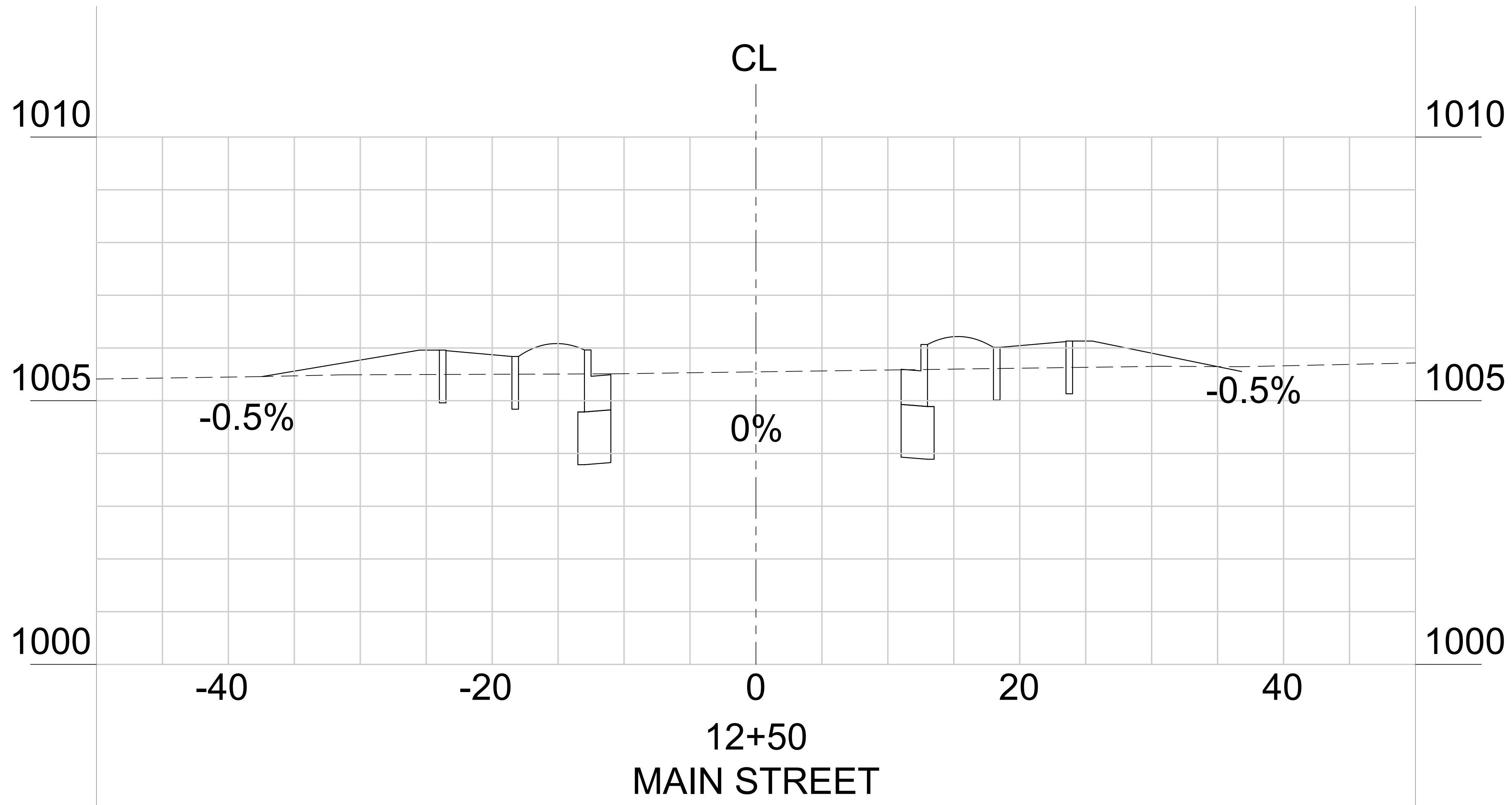
*SEE 2-PROPOSED TYPICAL SECTION SHEET 06.01

PROJECT NO.	01400400
COUNTY:	CLAYTON
 Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Atlanta, Georgia 30303-0829 Phone: 404.525.7100 Fax: 404.525.7119 www.robertandcompany.com	
SYMBOL	
DATE	
BY	
REVISION	

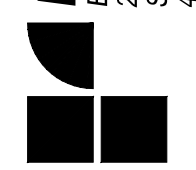



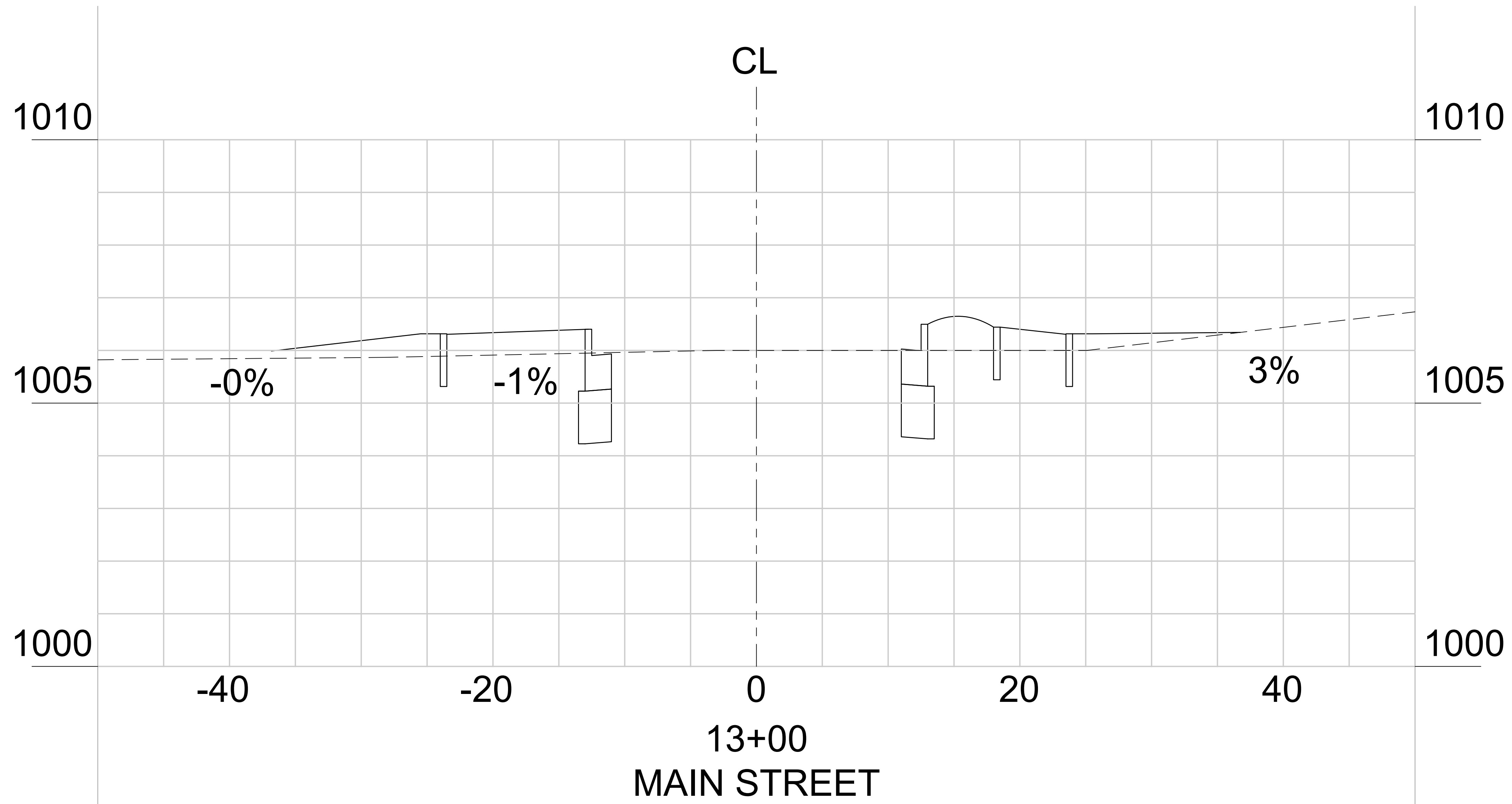
SPONSOR/CIENT	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE
DATE	FEBRUARY 2022
CHECKED	
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DESIGNED	
DRAWING TITLE	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
SCALE	AS SHOWN

23-09



*SEE 2-PROPOSED TYPICAL SECTION SHEET 06.01

PROJECT NO. 01400400	
COUNTY: CLAYTON	
 Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 7100 Atlanta, Georgia 30308-1629 Phone: 404.525.7119 Fax: 404.525.7179 www.robertandcompany.com	
	REVISION BY DATE SYMBOL
SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETSCAPE	
DESIGNED PROJECT NO. 1400400 DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION	DATE FEBRUARY 2022 SCALE AS SHOWN
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SHEET 33 OF 130	



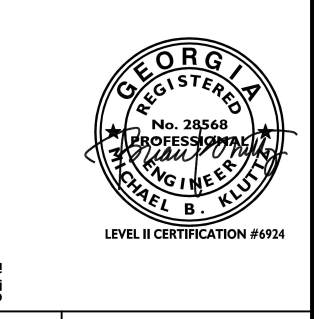
*SEE 2-PROPOSED TYPICAL SECTION SHEET 06.01

PROJECT NO.
01400400

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Robert and Company
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239 Peachtree Street, N.E. International Tower
Suite 770, Atlanta, Georgia 30303-0729
Phone: 404.525.7119
www.robertandcompany.com

SYMBOL	DATE	BY	REVISION



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETSCAPE

DESIGNED
PROJECT NO.
1400400

DRAWING TITLE
PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

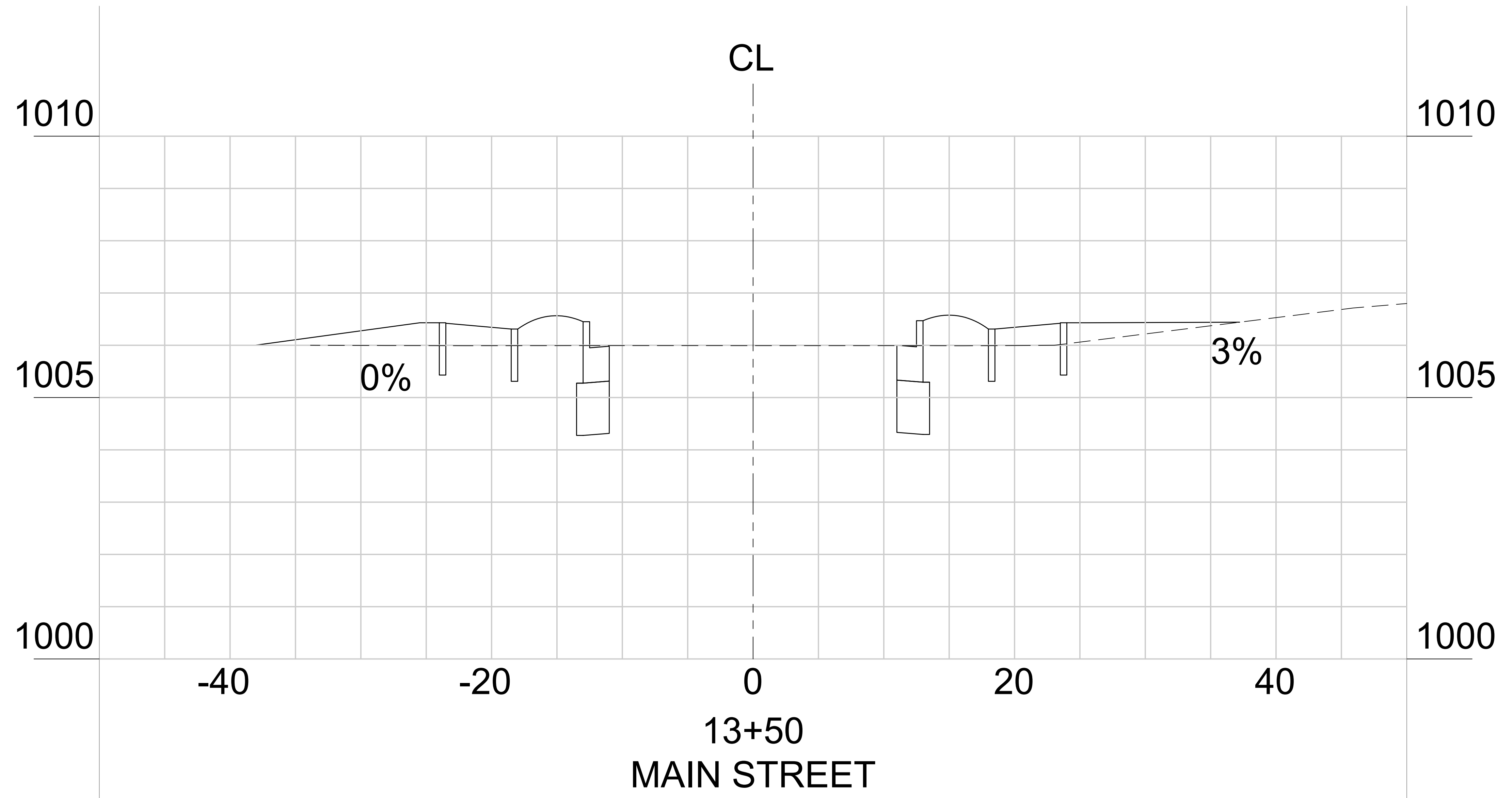
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23-11



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PROJECT NO.
01400400

COUNTY:
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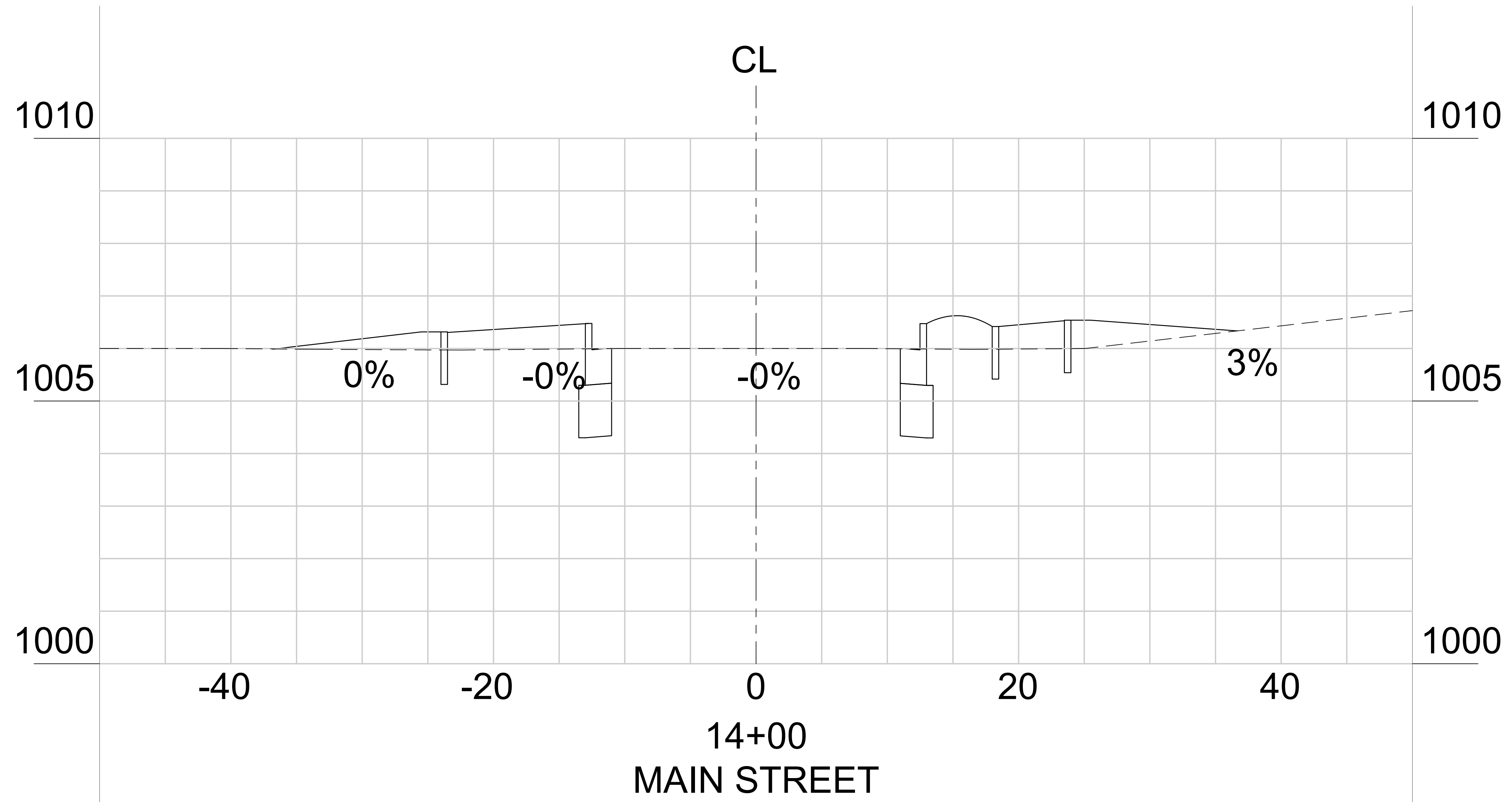
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DESIGNED PROJECT NO. 1400400
DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
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23-12



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PROJECT NO.
01400400

COUNTY:
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 239 Peachtree Street, N.E., International Tower
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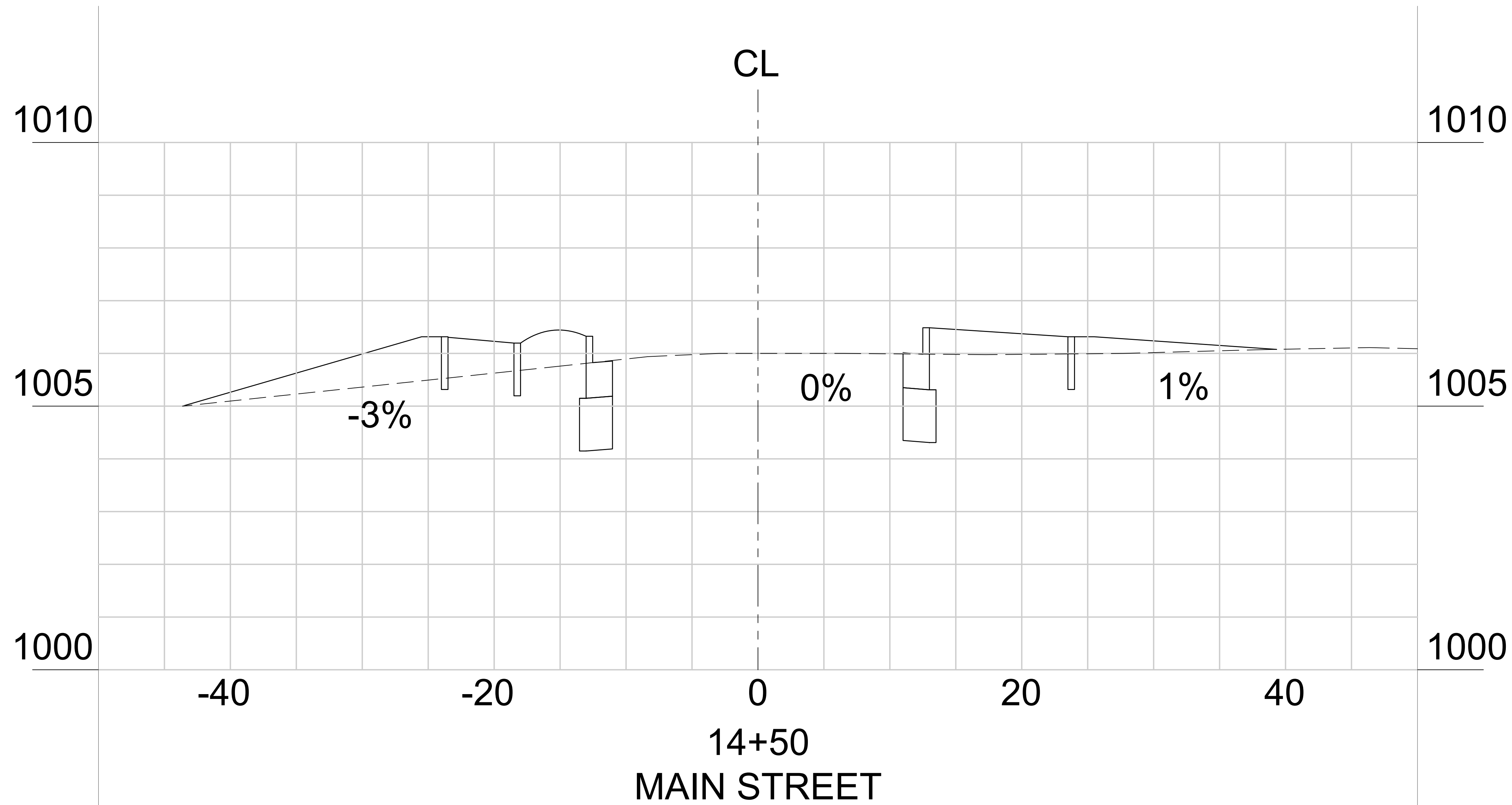
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PROJECT
FOREST PARK STREETSCAPE

DESIGNED
PROJECT NO.
1400400

DRAWING TITLE
PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

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23-13



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Suite 5700 Atlanta, Georgia 30308-1629
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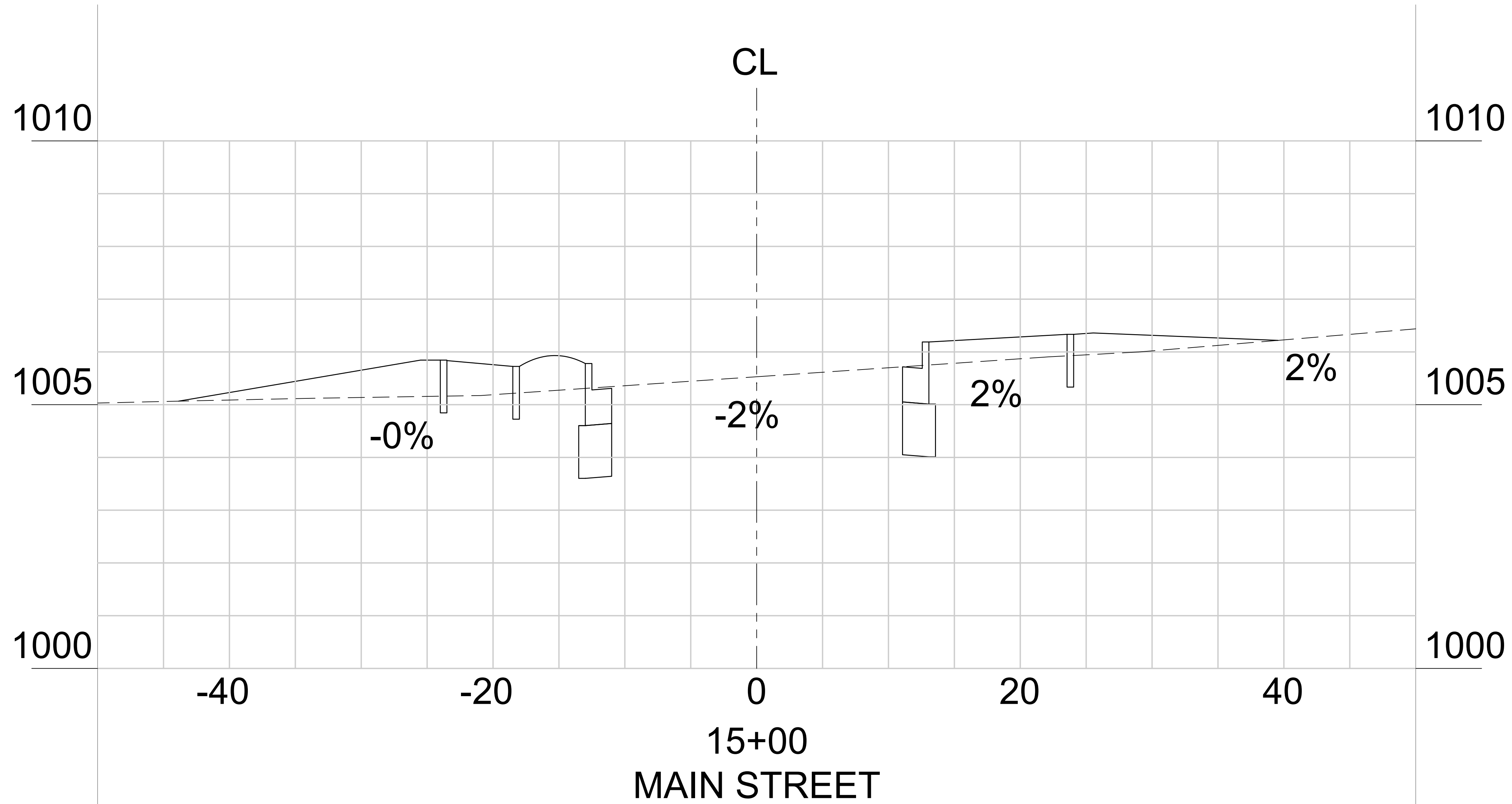


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DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
DATE FEBRUARY 2022
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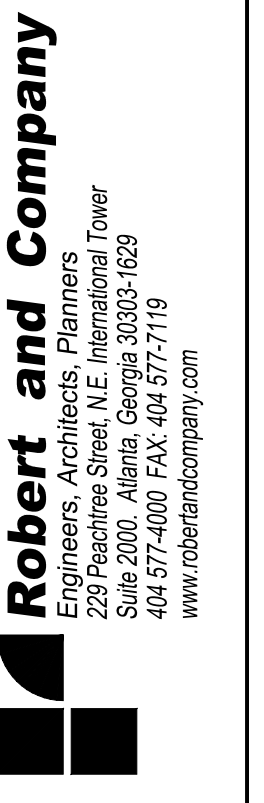
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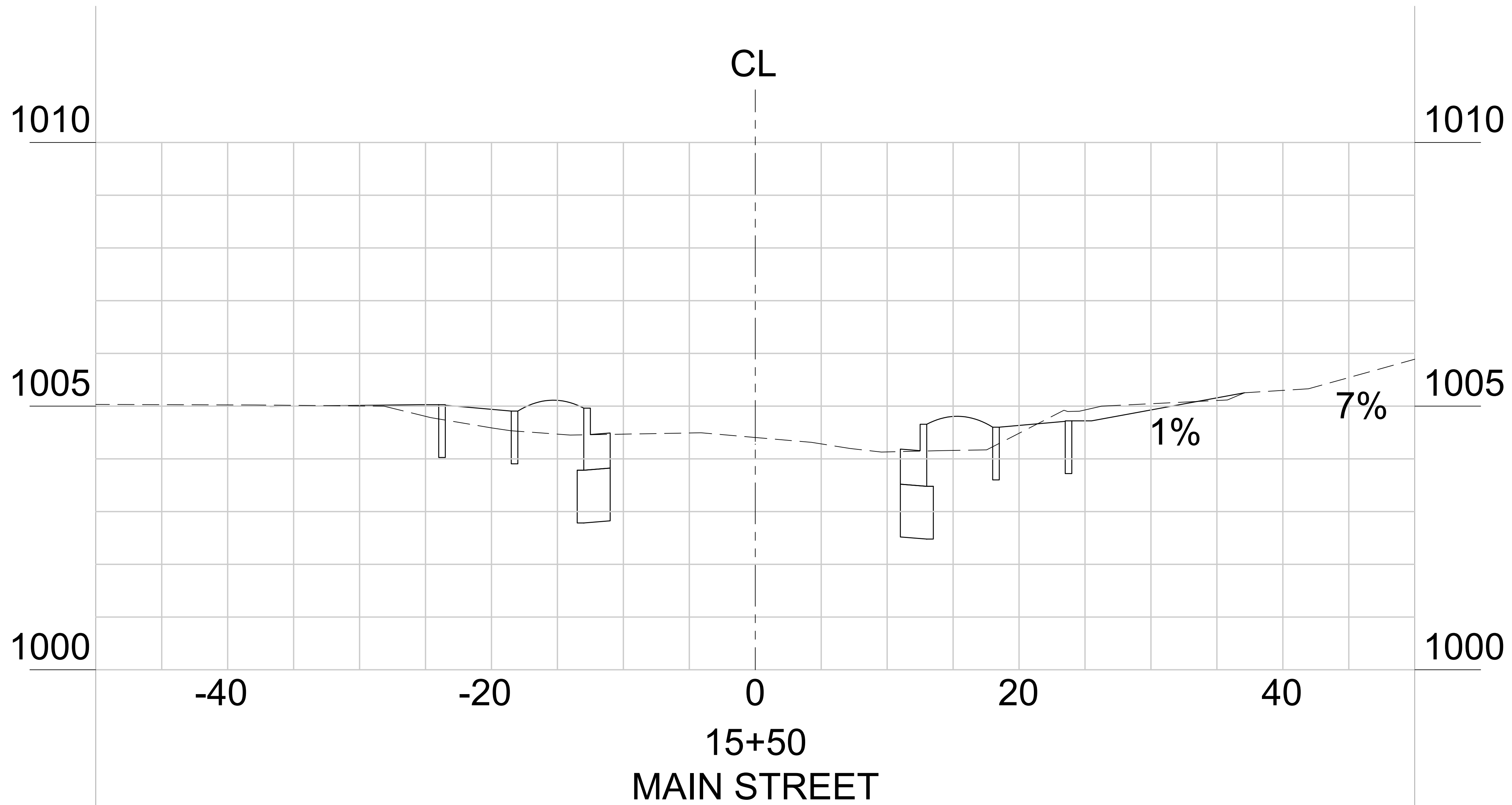
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DATE
FEBRUARY 2022

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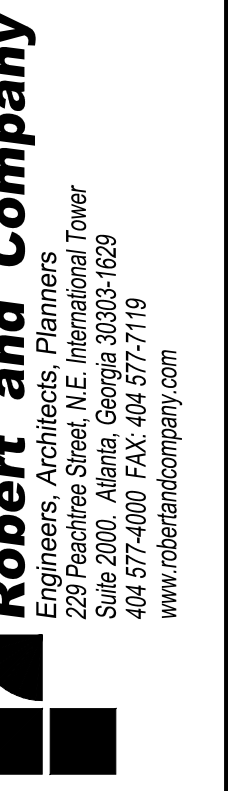
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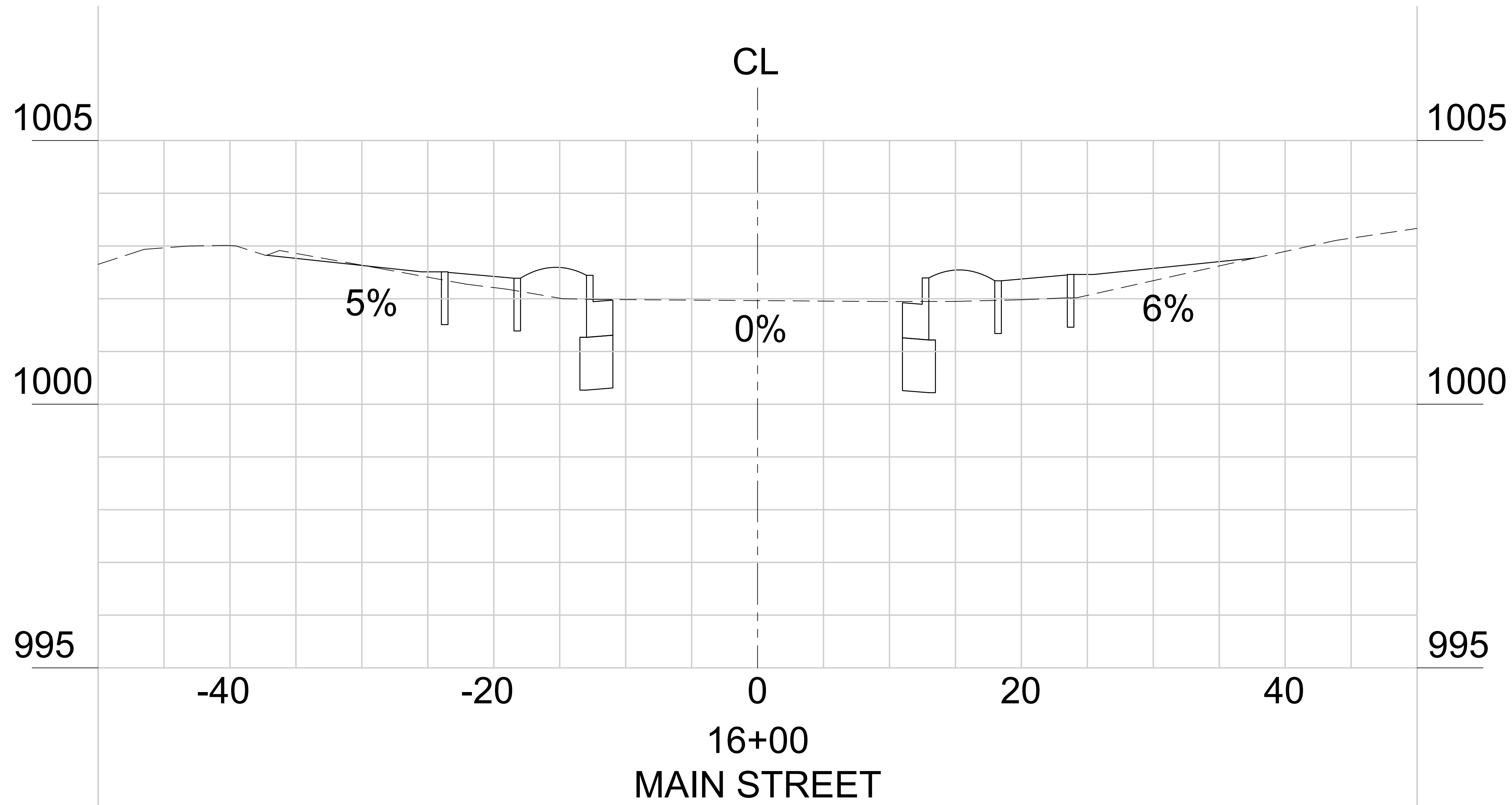
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DATE FEBRUARY 2022
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DRAWING NO. 1400400
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DRAWING NO.
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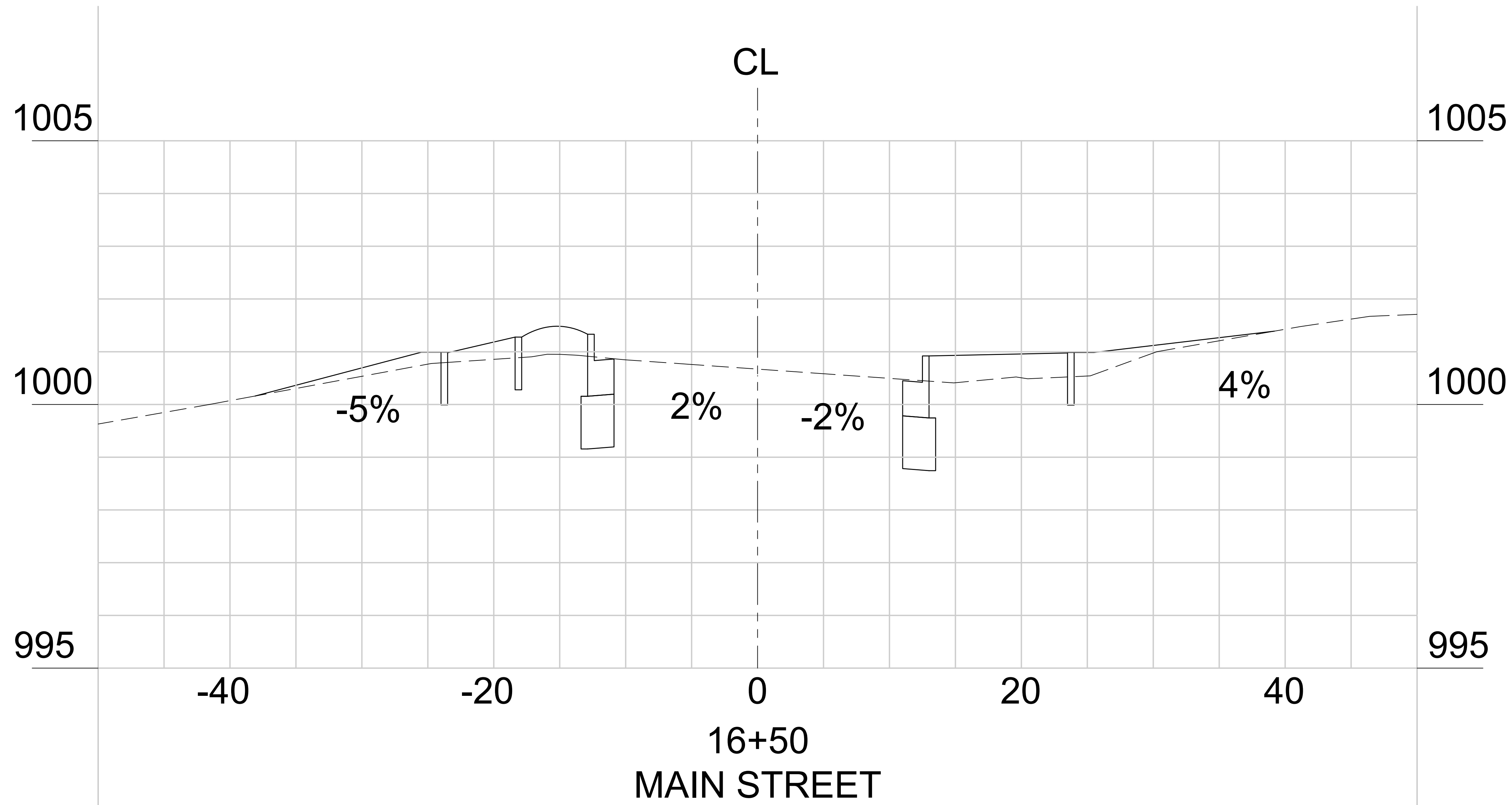
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COUNTY:	CLAYTON
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DRAWING TITLE	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION

23-17



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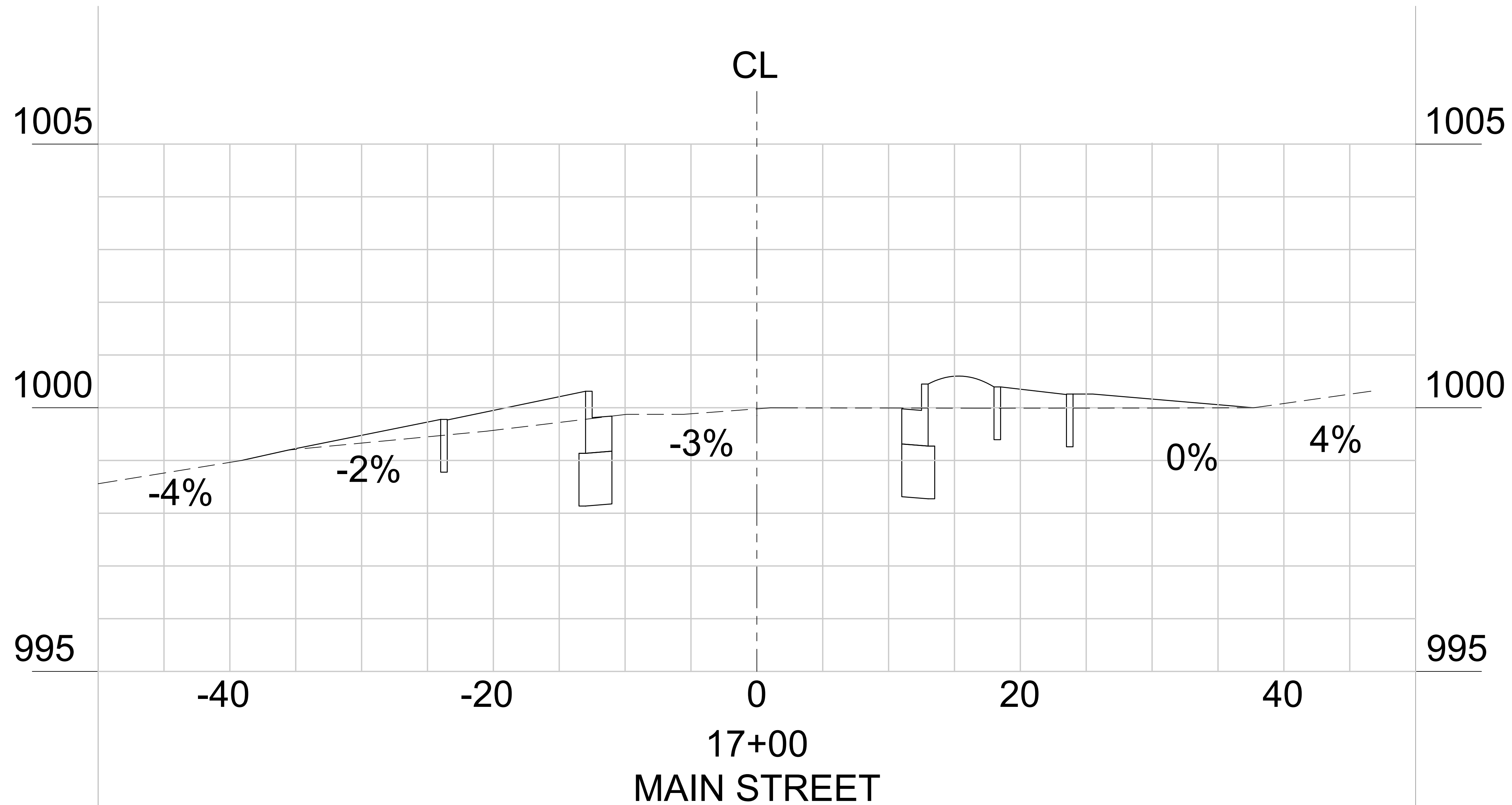
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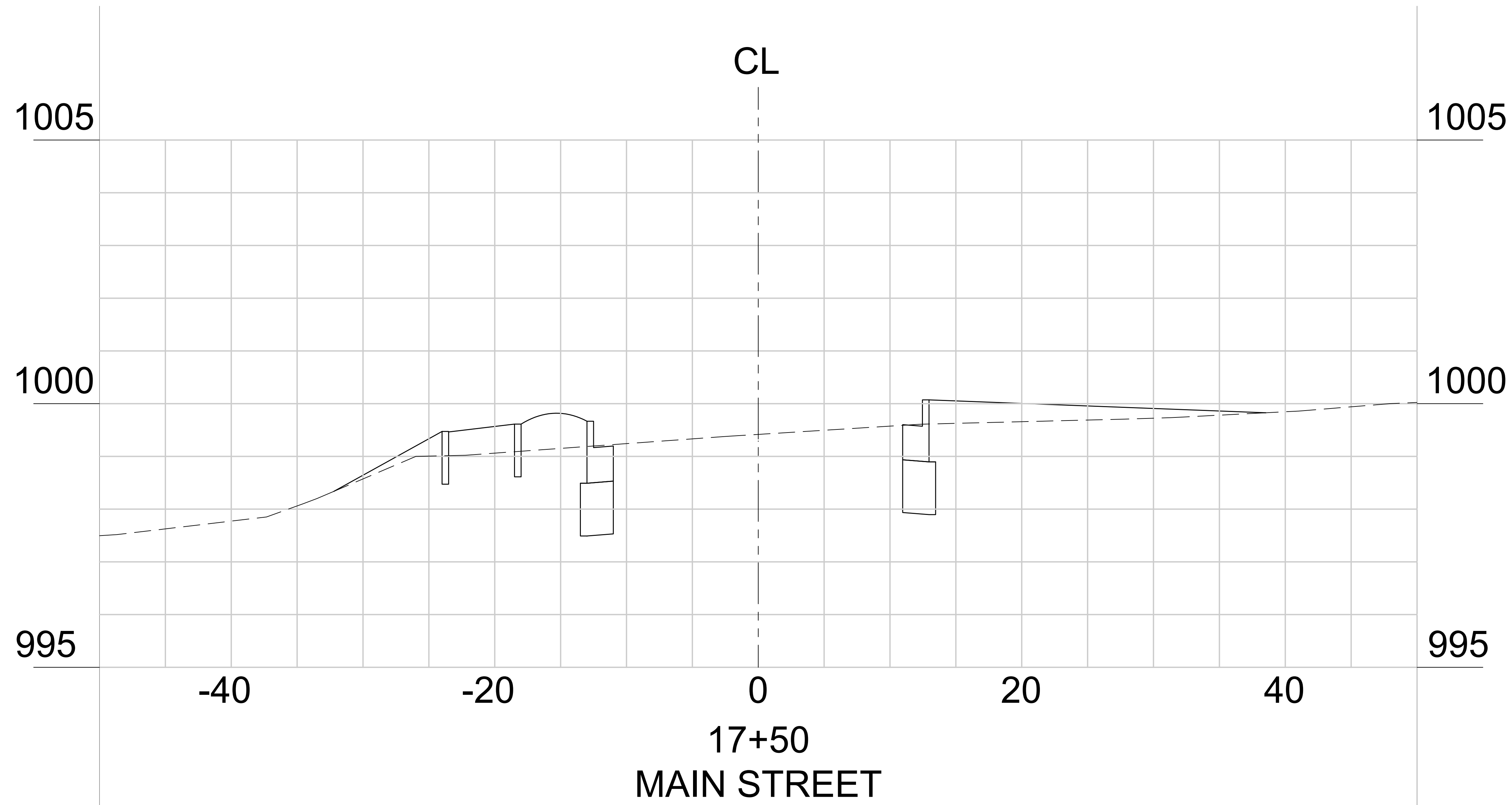
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DRAWING NO. 1400400
PHASE 2A
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ROAD CROSS SECTION

DRAWING NO.
23-19

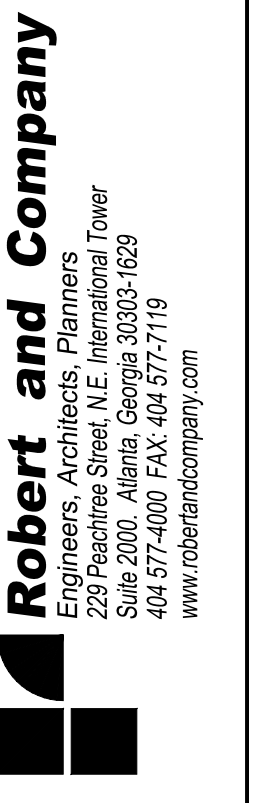


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PROJECT NO.
01400400

COUNTY:
CLAYTON



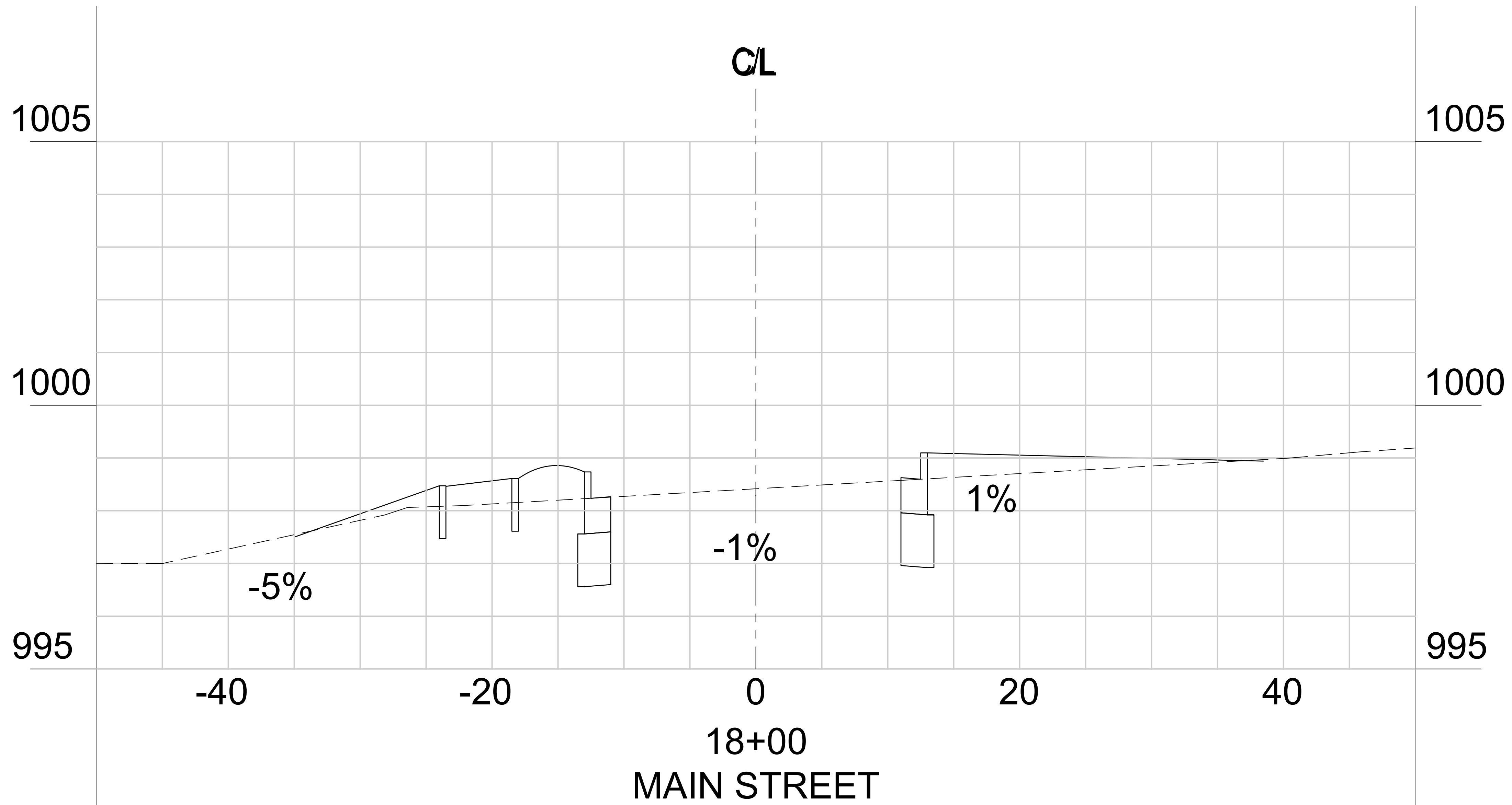
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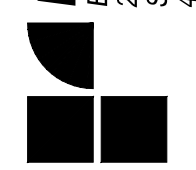
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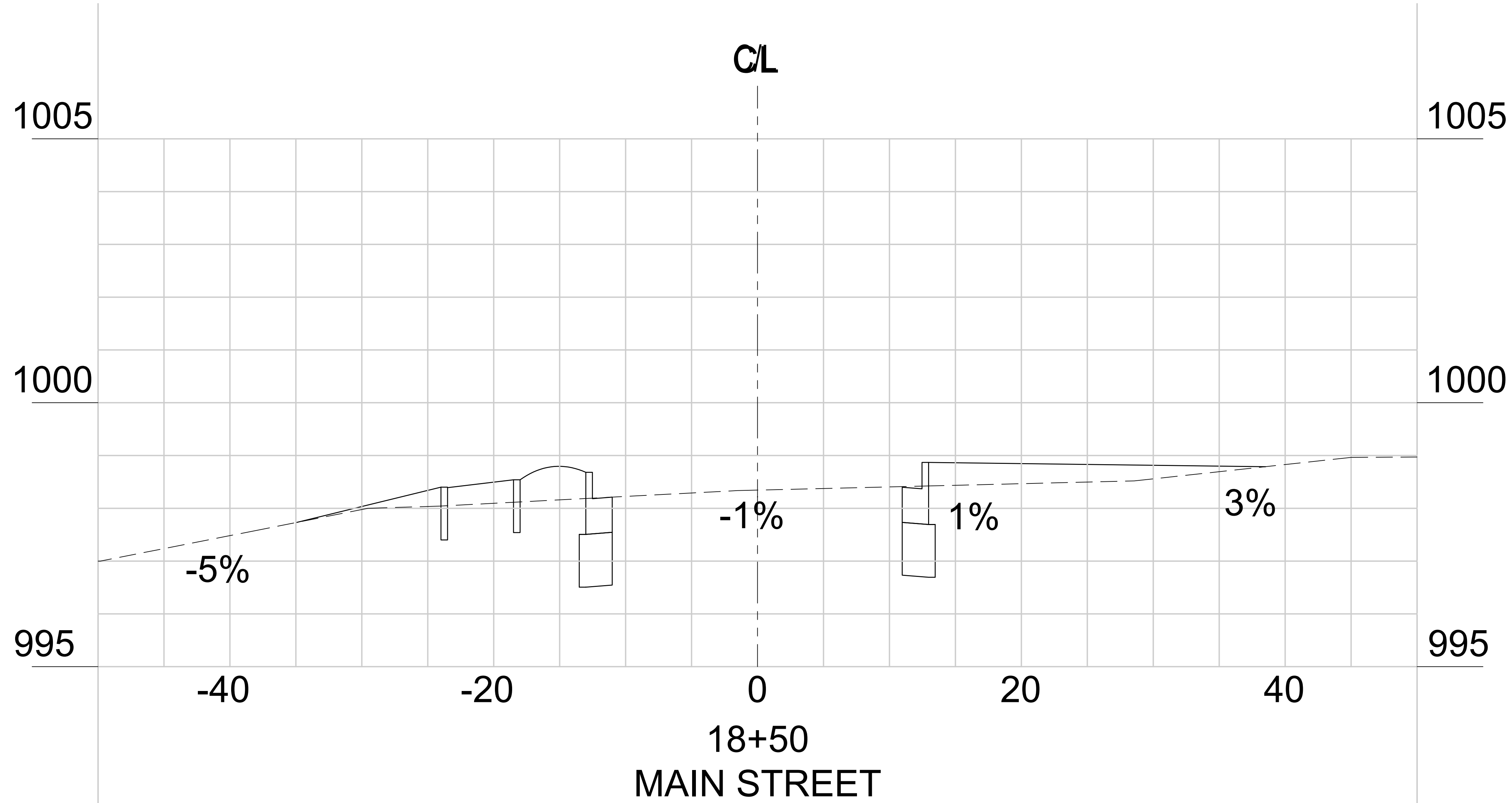
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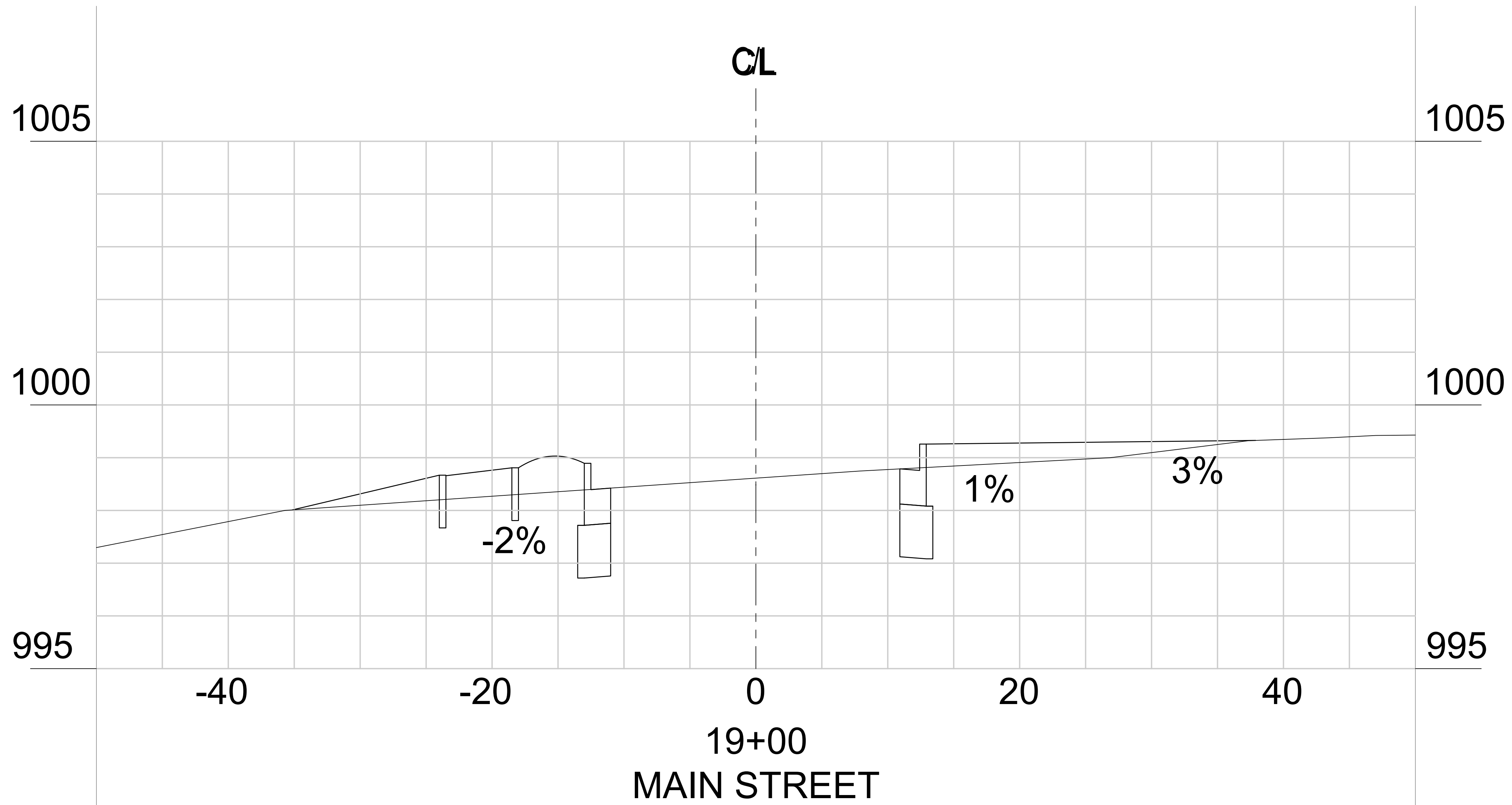
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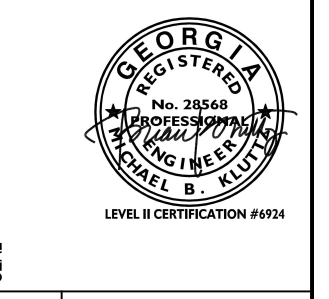
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23-22



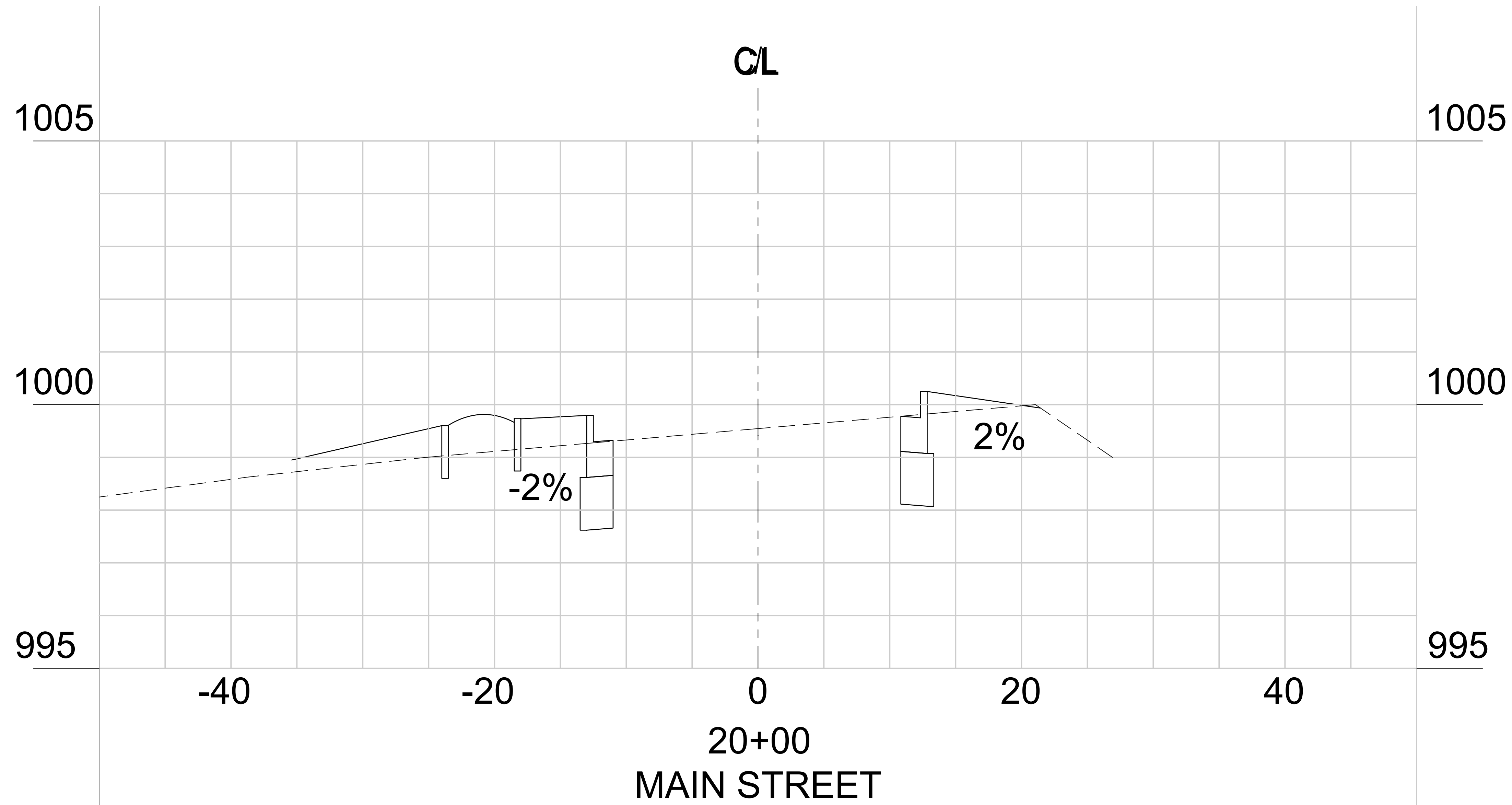
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COUNTY:	CLAYTON
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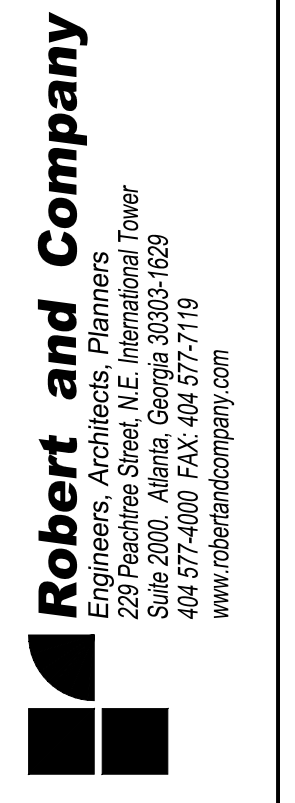
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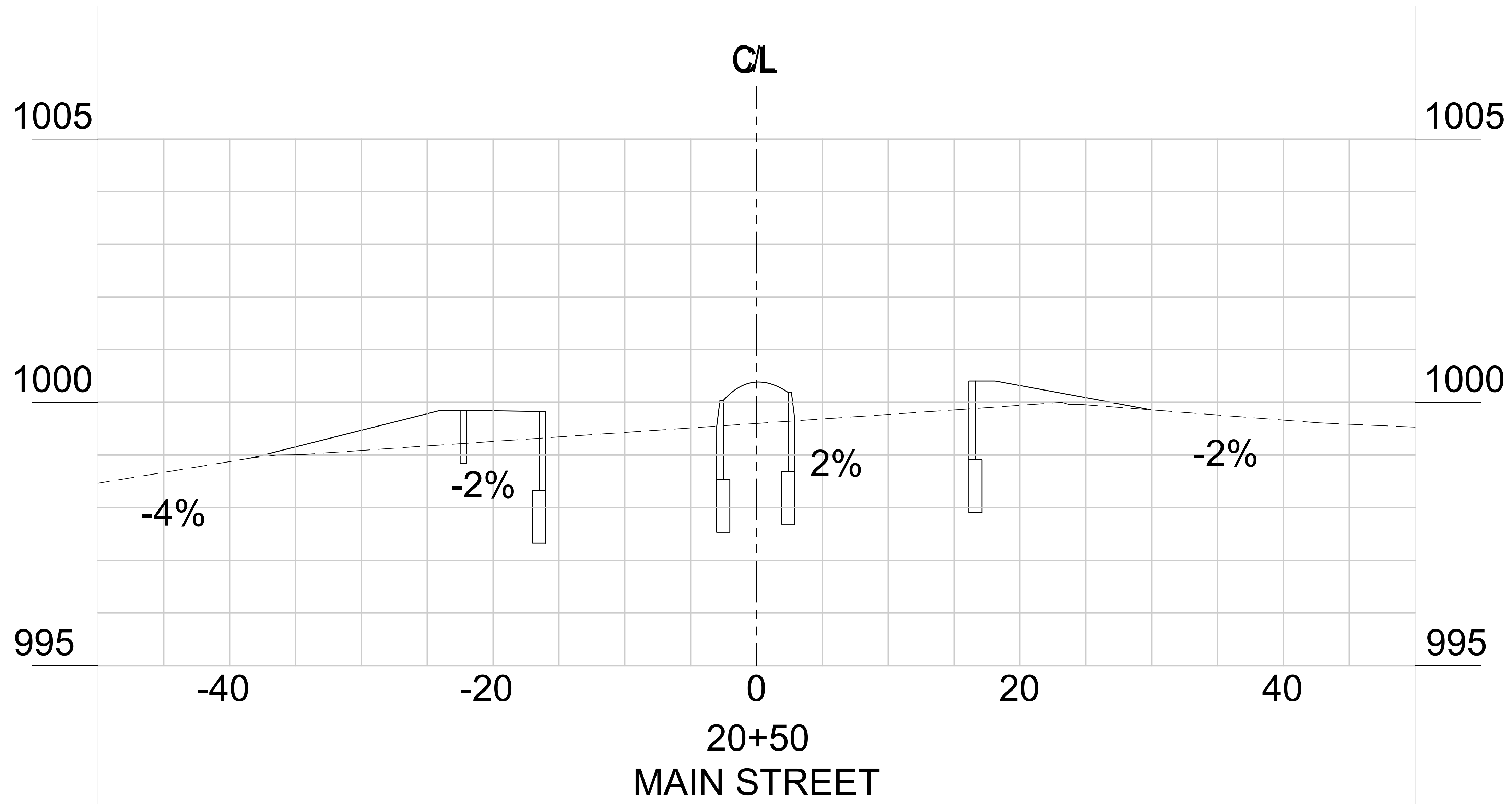
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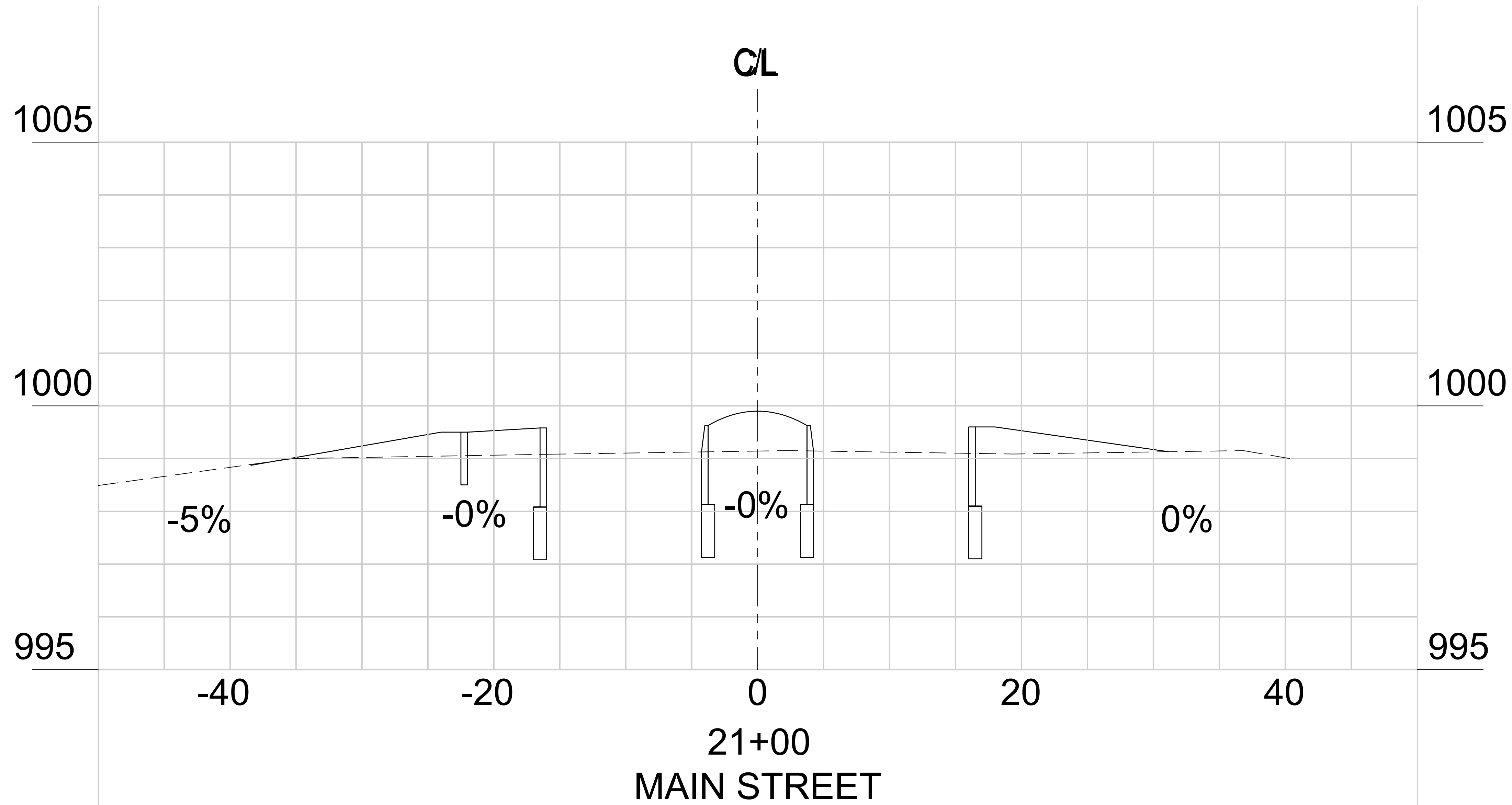
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COUNTY:	CLAYTON
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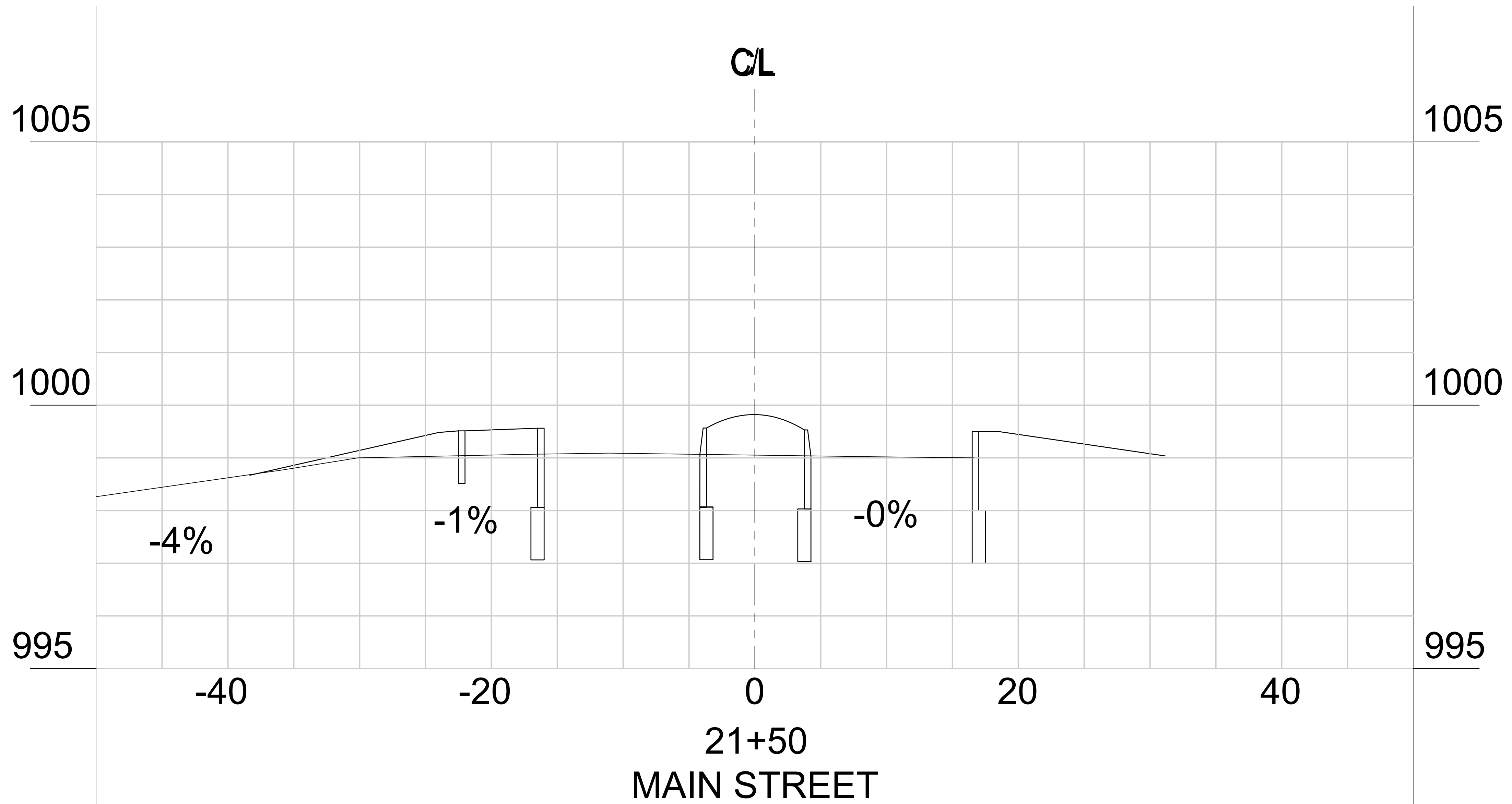
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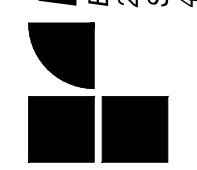


*SEE 4-PROPOSED TYPICAL SECTION SHEET 06.01

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COUNTY: CLAYTON																					
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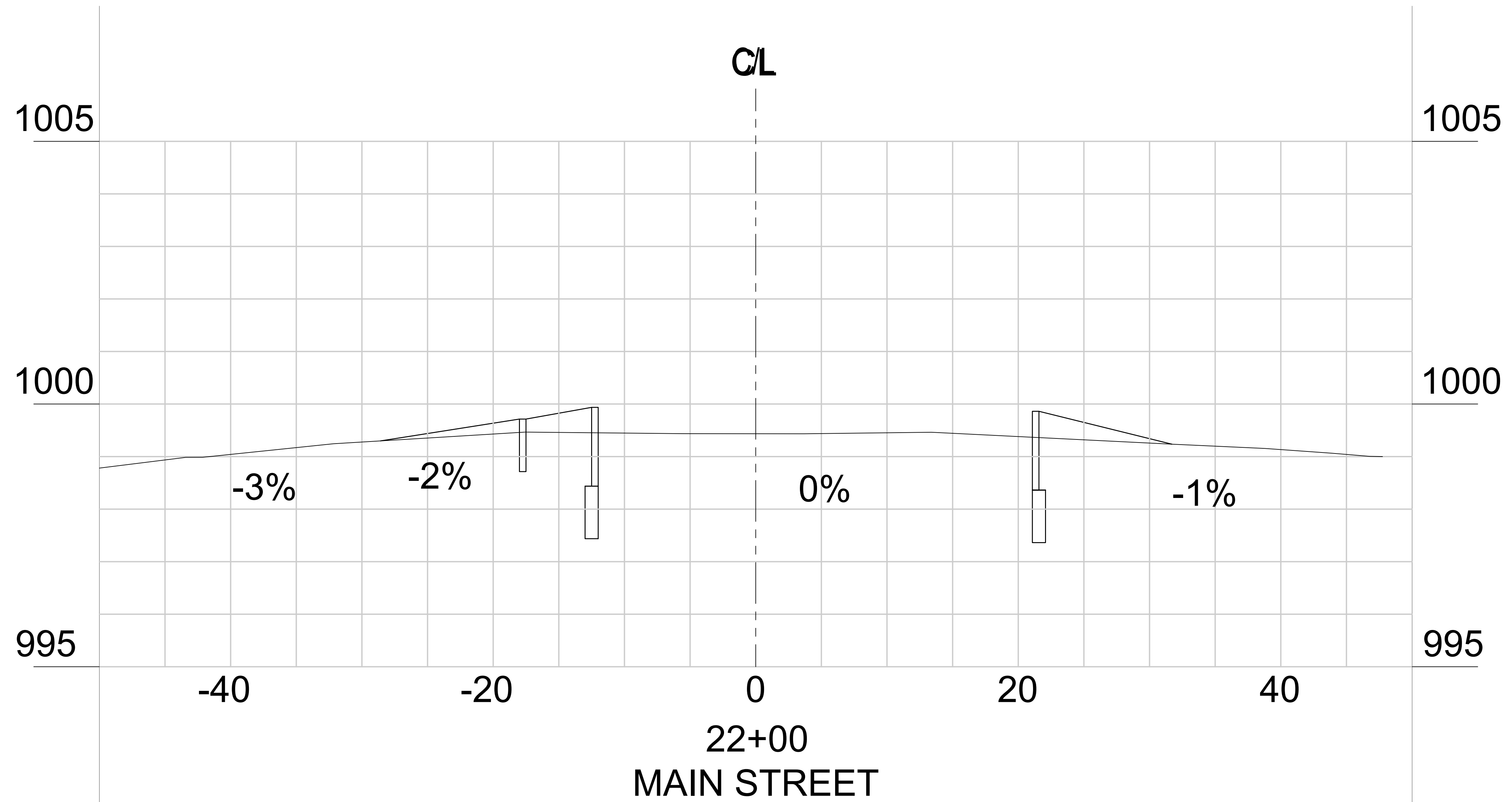
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COUNTY:	CLAYTON
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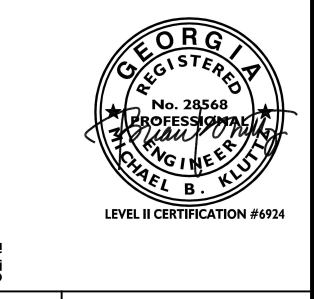
SPONSOR/CITY	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE
DATE	FEBRUARY 2022
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*SEE 6-PROPOSED TYPICAL SECTION SHEET 06.02

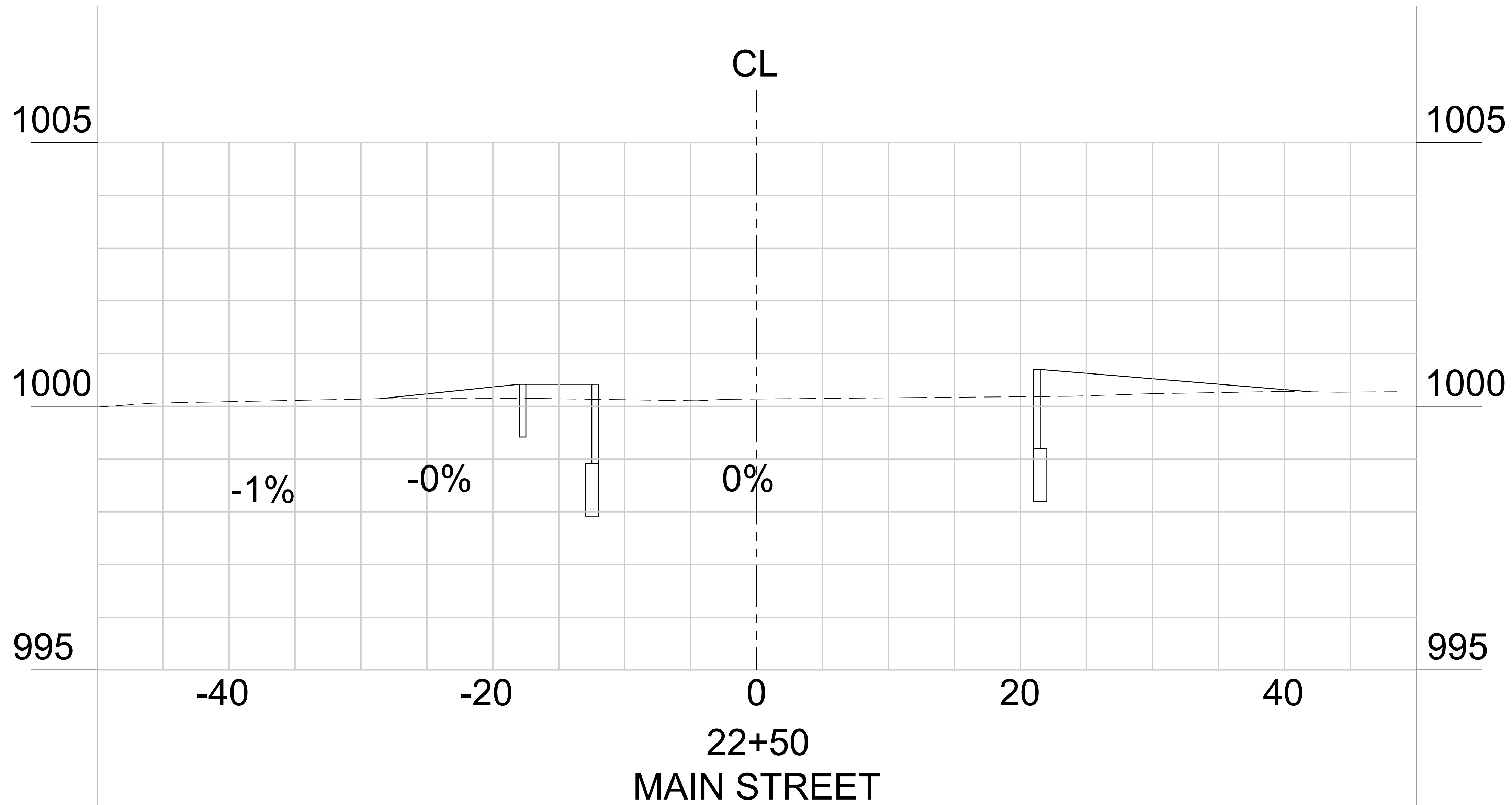
PROJECT NO.	01400400
COUNTY:	CLAYTON
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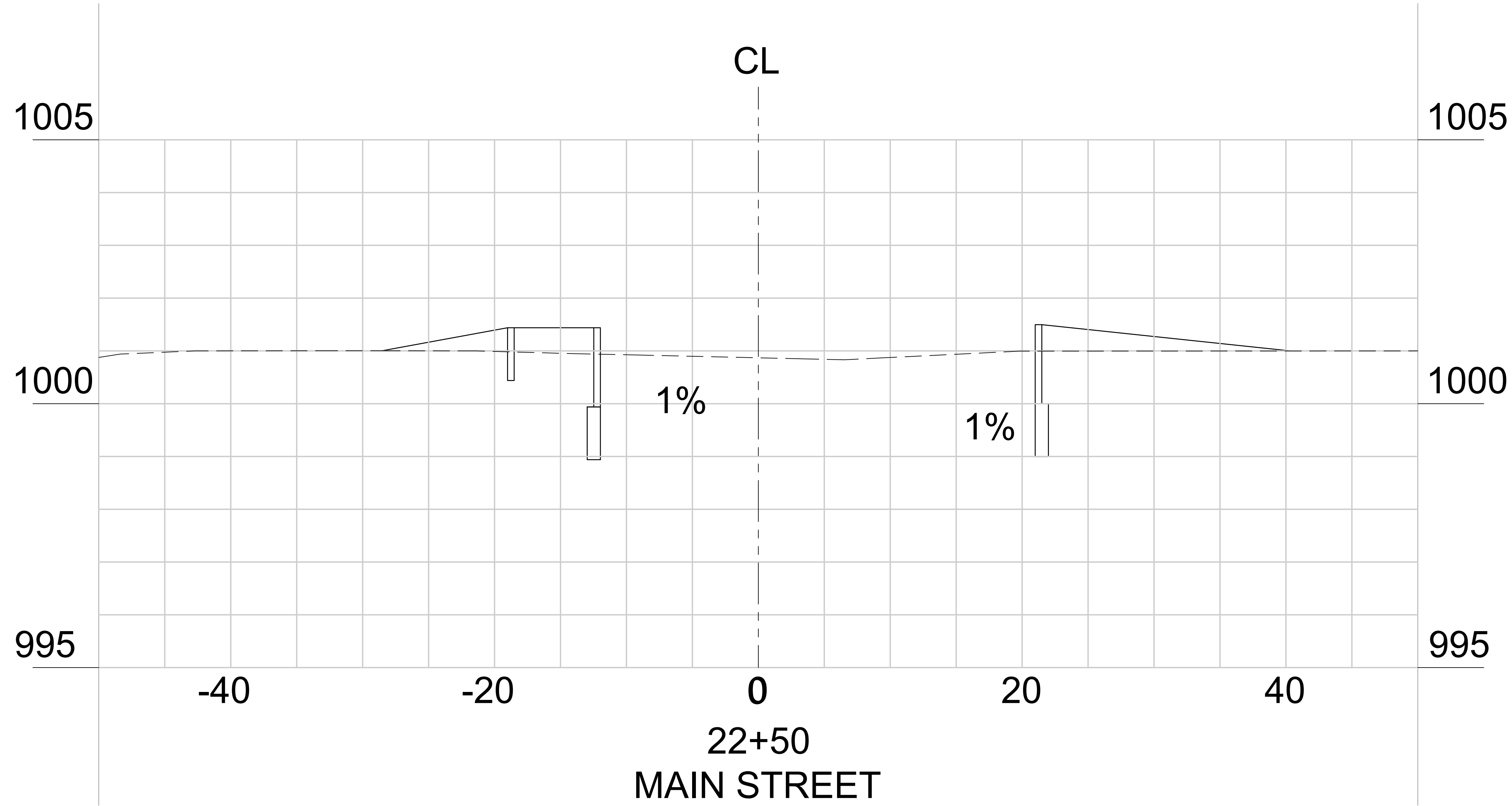


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PROJECT NO. 1400400
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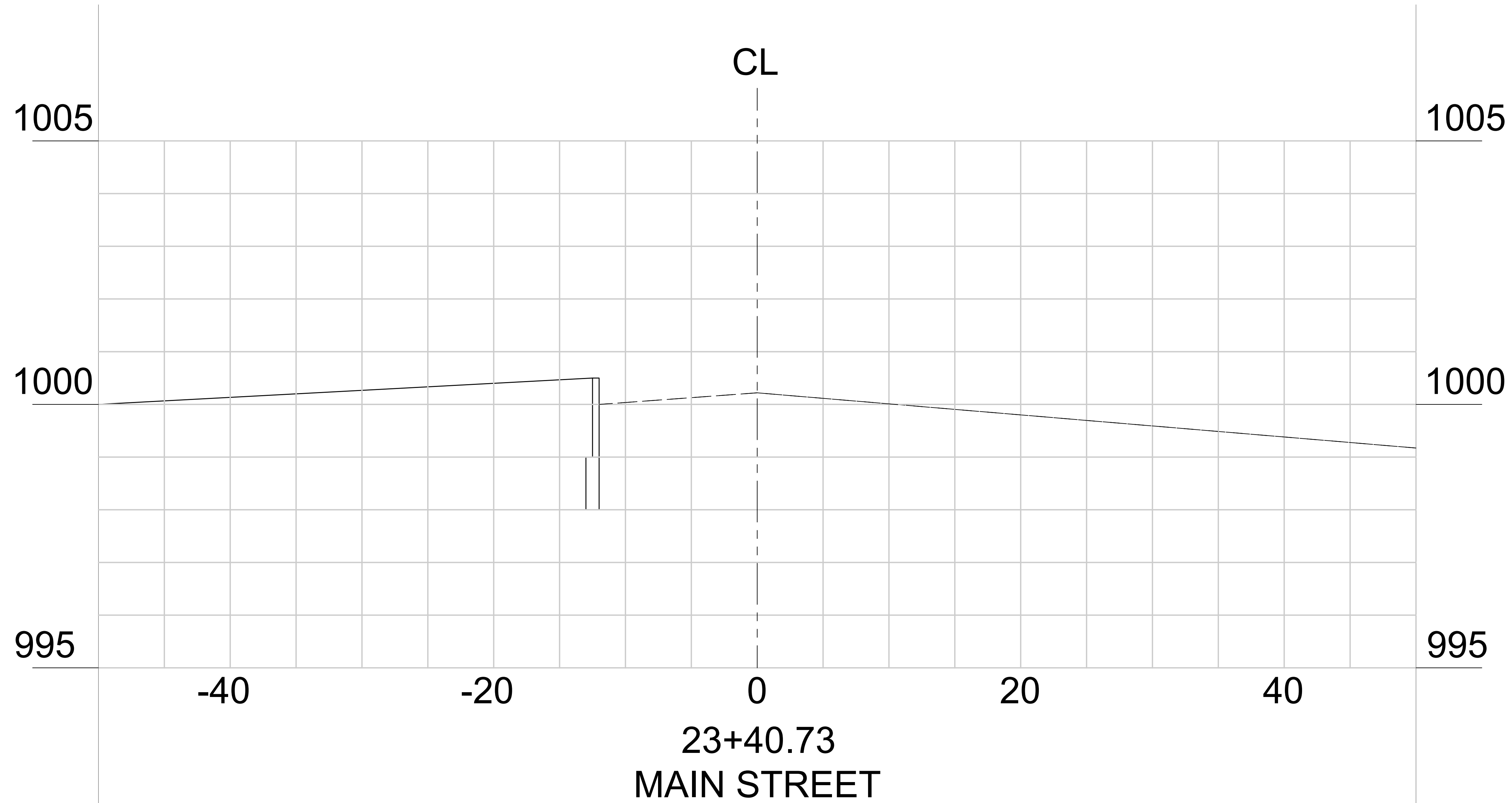
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PHASE 2A
GRADING & DRAINAGE PLAN
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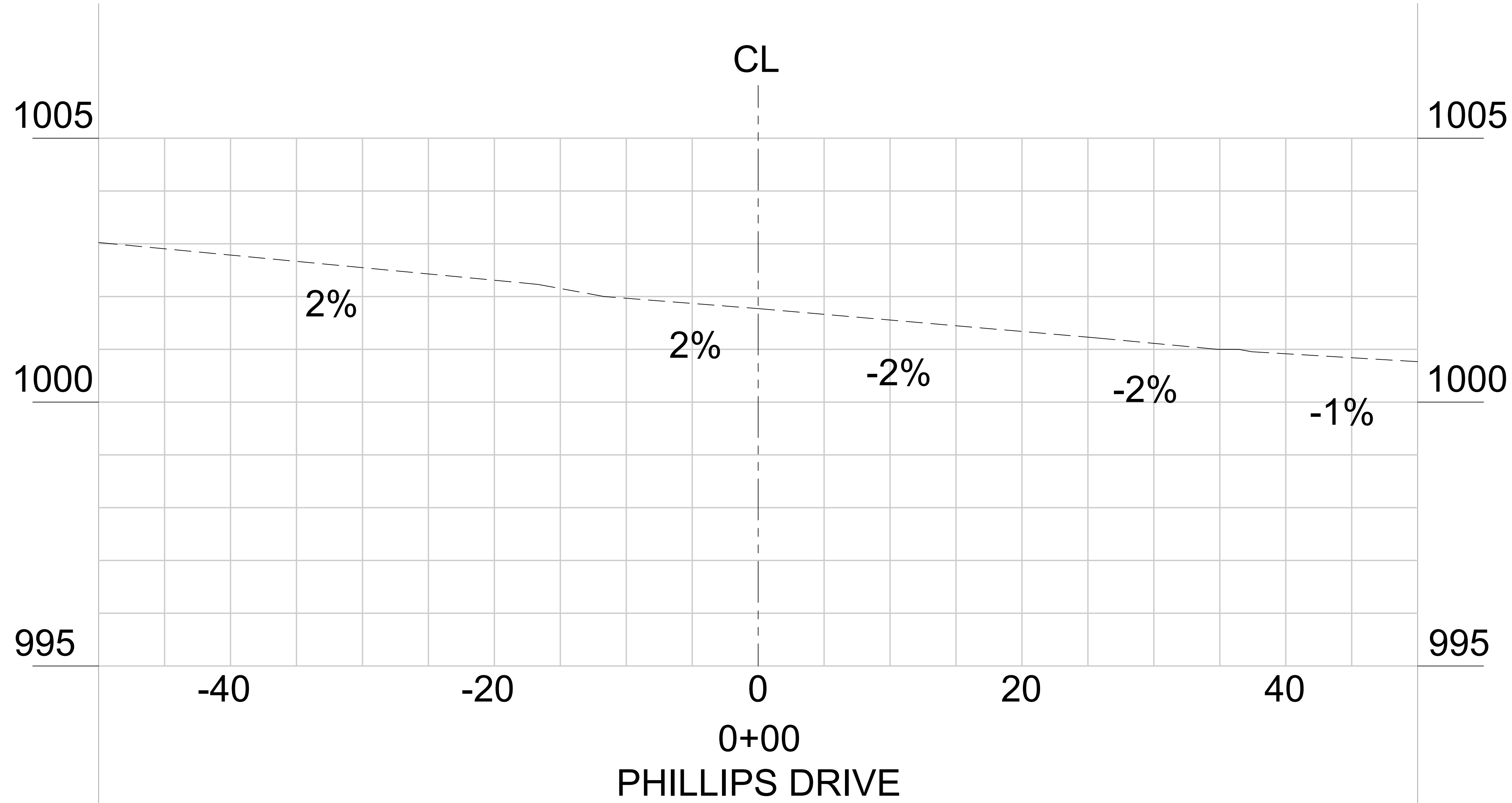


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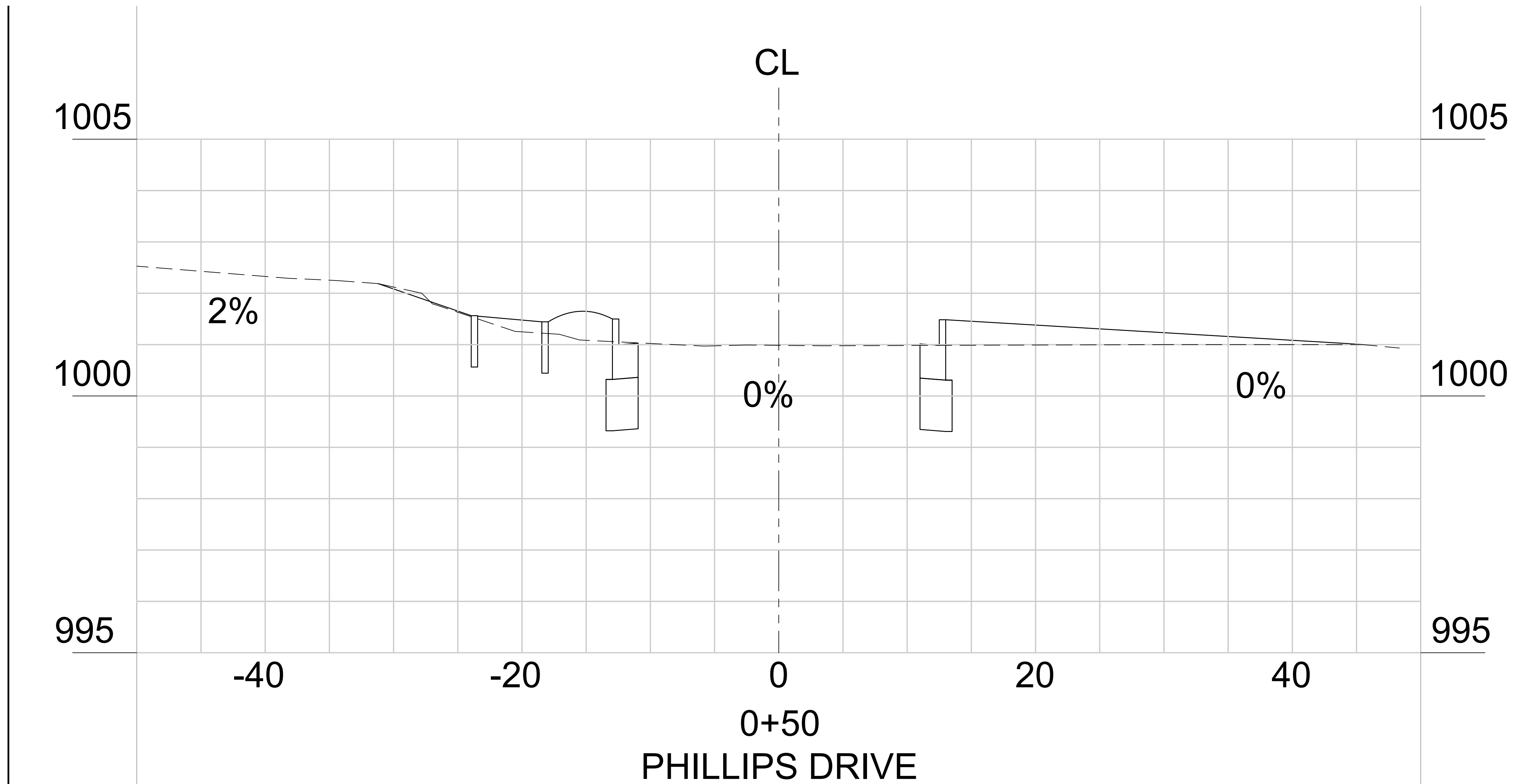
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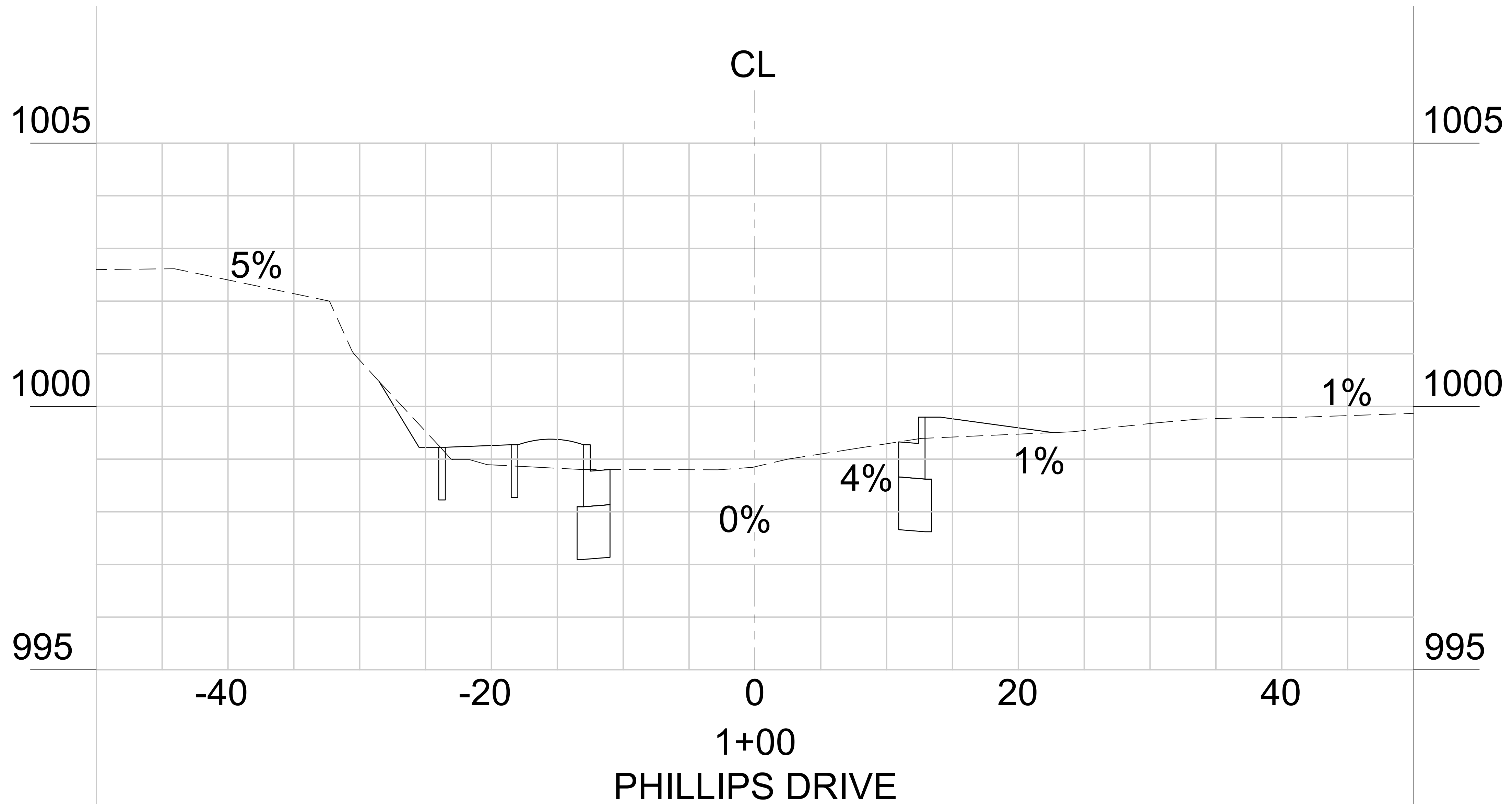
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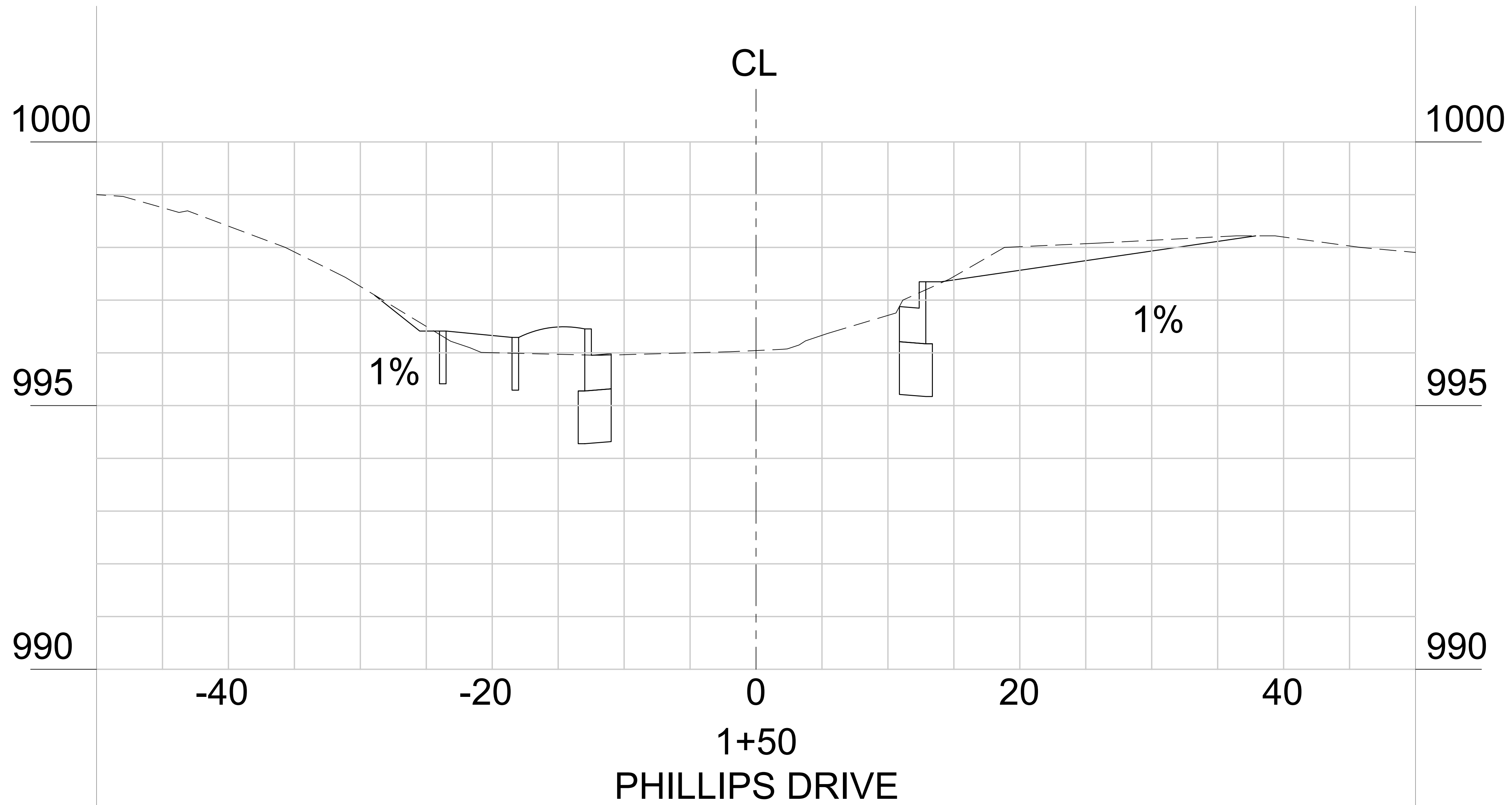
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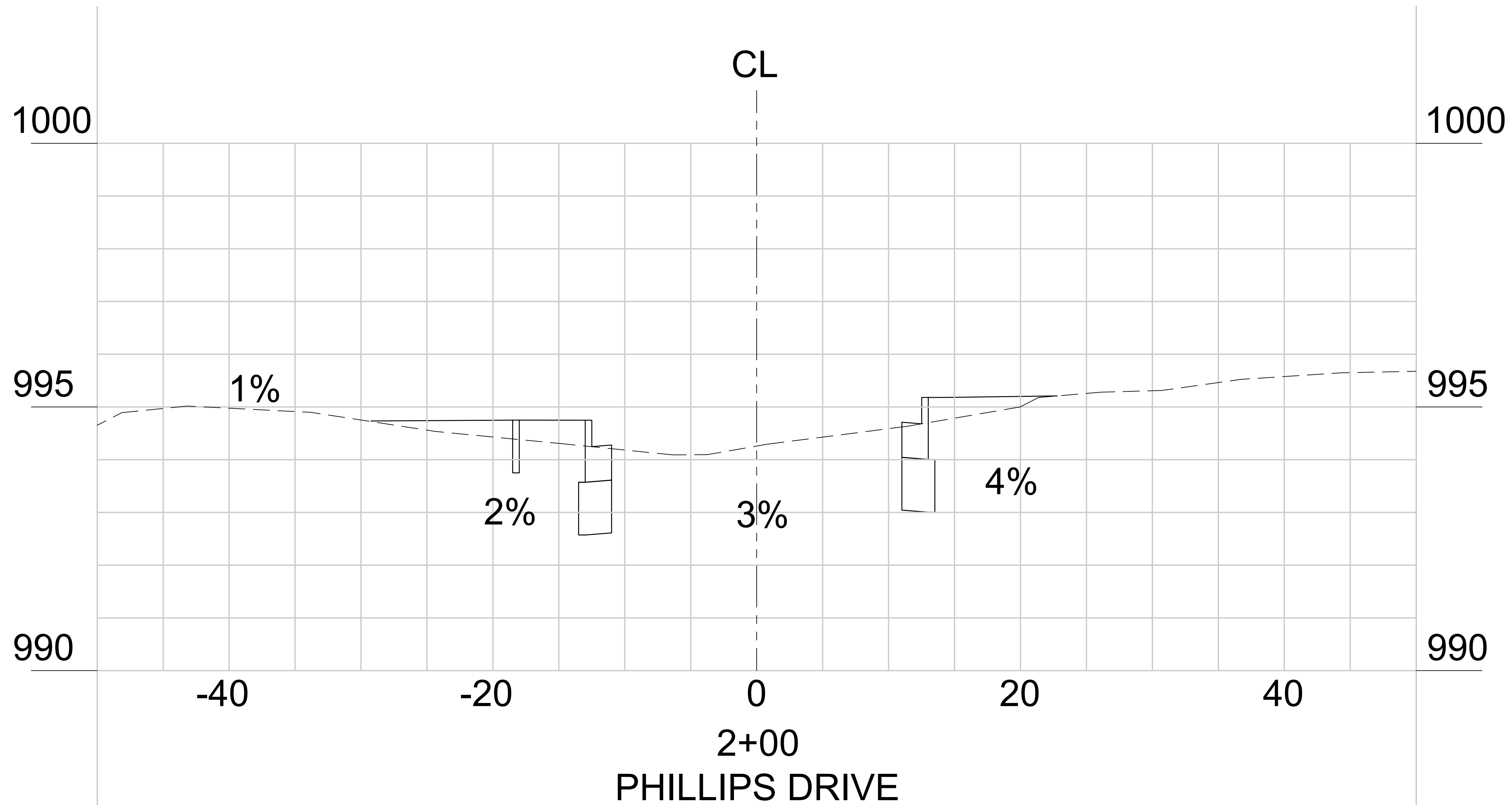
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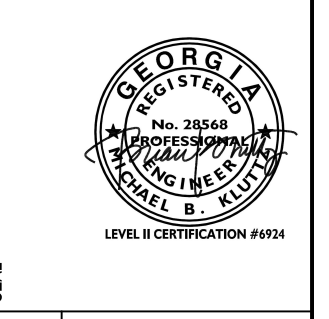
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CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETSCAPE

DATE
FEBRUARY 2022

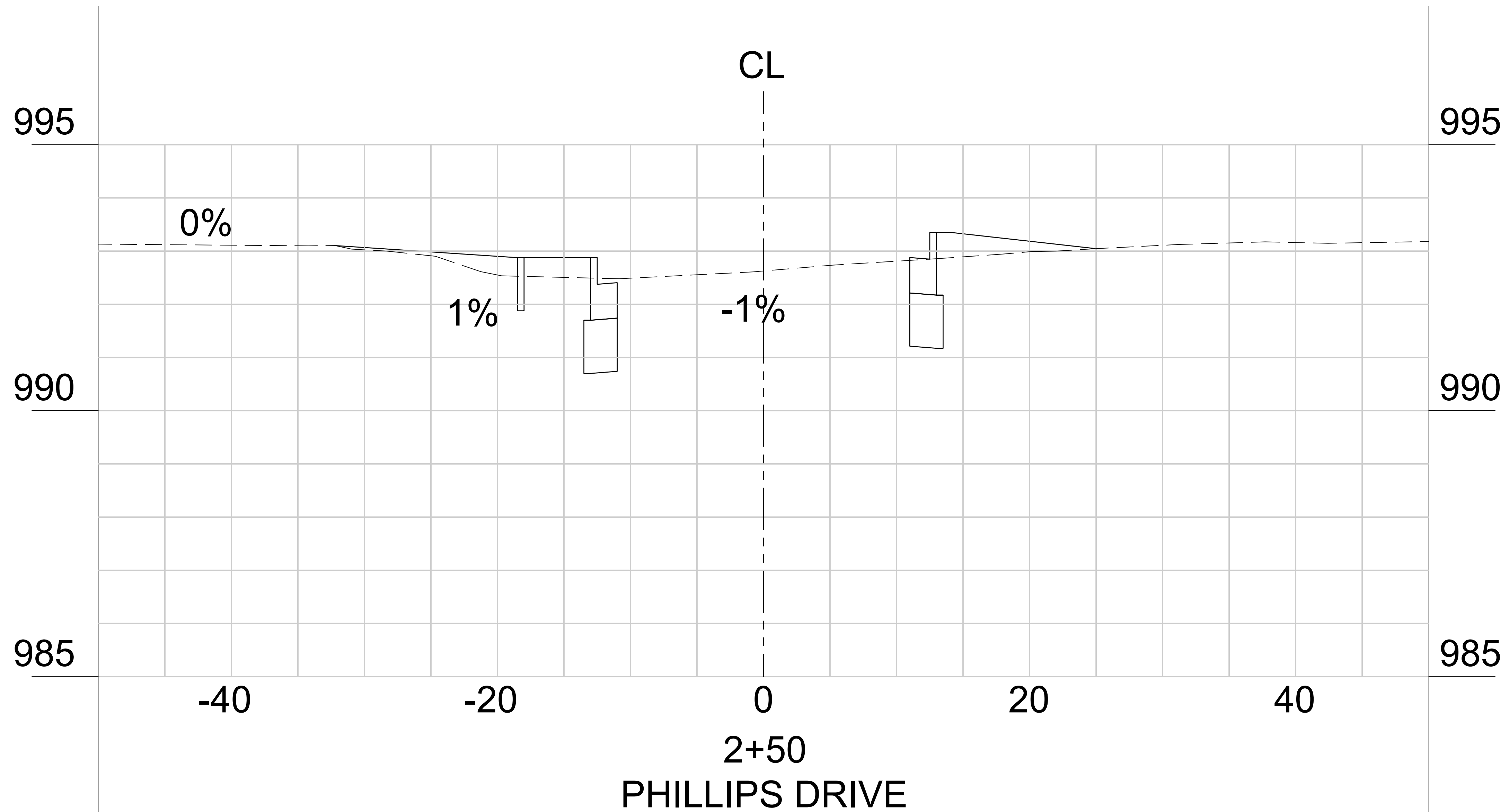
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DRAWN

PROJECT NO.
1400400

DRAWING TITLE
PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

DRAWING NO.
23-37



*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E. International Tower
Suite 5700 Atlanta, Georgia 30308-1629
404.527.4100 FAX 404.527.7119
www.robertandcompany.com

SYMBOL	DATE	BY	REVISION



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK'S STREETSCAPE

DATE
FEBRUARY 2022

CHECKED

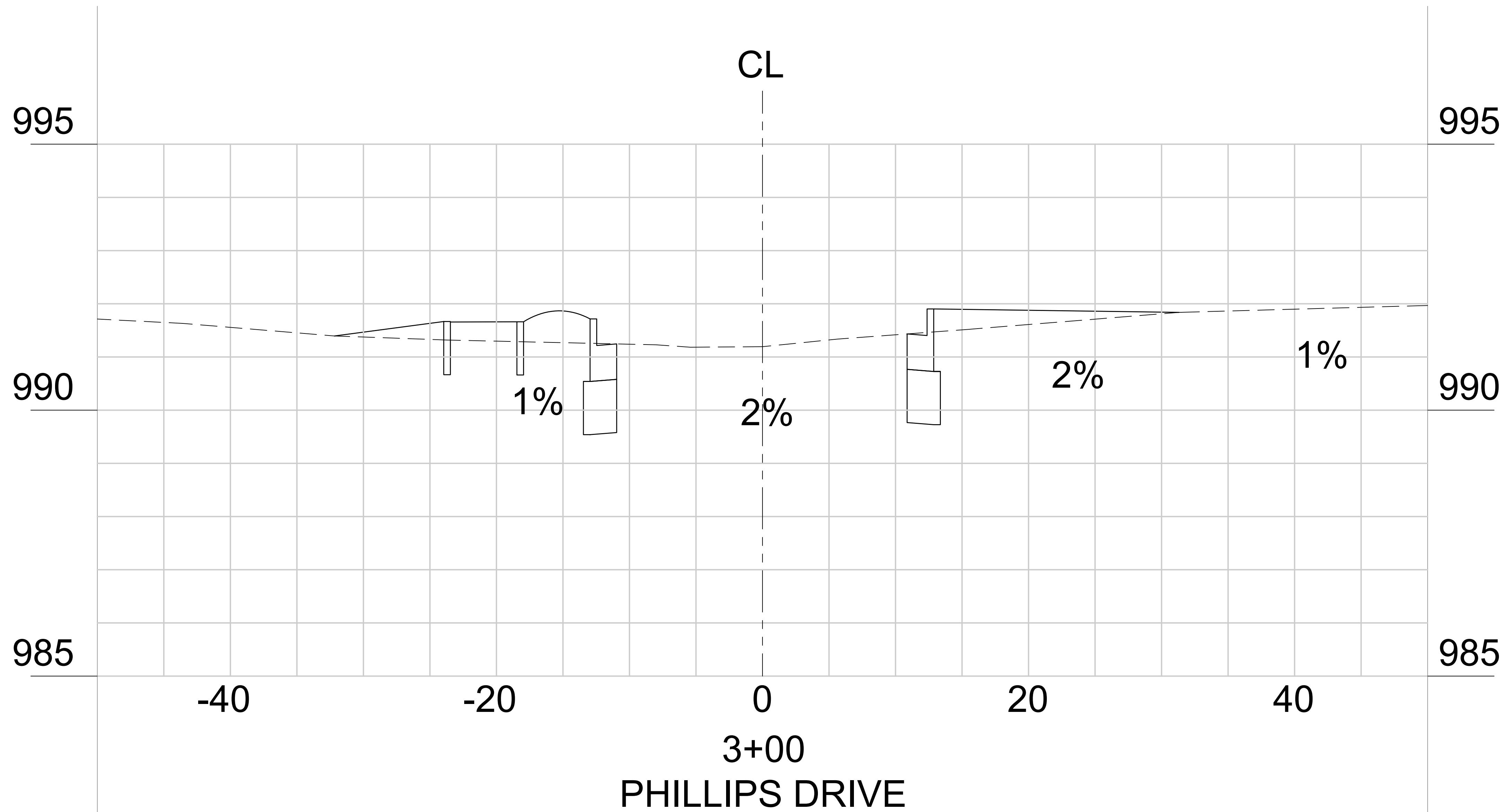
DRAWN

PROJECT NO.
1400400

DRAWING TITLE
PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

SCALE
AS SHOWN

DRAWING NO.
23-38



3+00
PHILLIPS DRIVE

*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E. International Tower
Suite 570, Atlanta, Georgia 30308-1829
Phone: 404.525.7719
www.robertandcompany.com

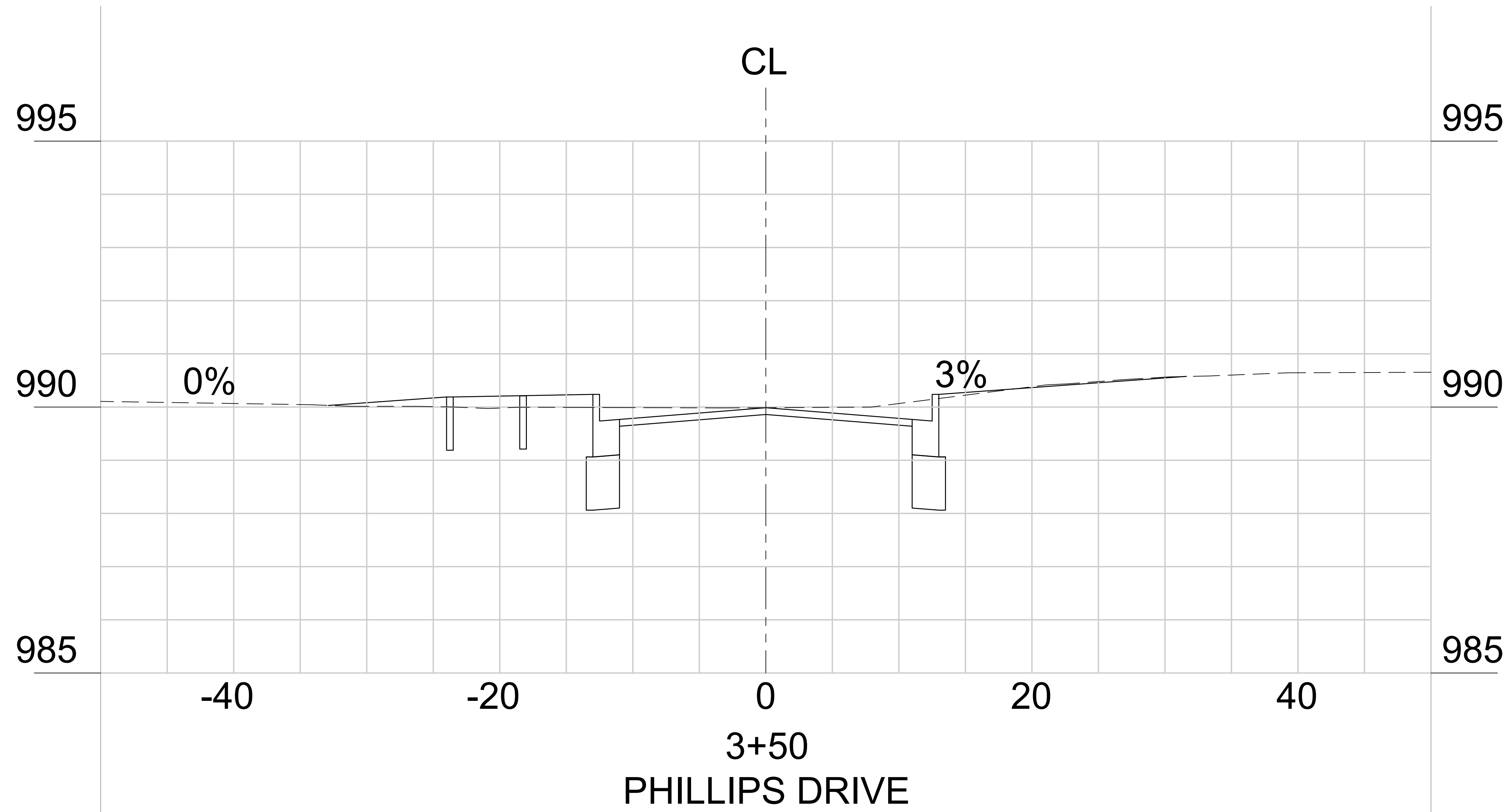
NO.	SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK'S STREETSCAPE

DATE FEBRUARY 2022
SCALE AS SHOWN
PROJECT NO. 1400400
DRAWING TITLE PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION

DRAWING NO.
23-39



*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.
01400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Architects, Planners
239 Peachtree Street, N.E. International Tower
Suite 5700 Atlanta, Georgia 30308-1829
404.521.4100 FAX 404.521.7119
www.robertandcompany.com

SYMBOL	DATE	BY	REVISION



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETSCAPE

DATE
FEBRUARY 2022

CHECKED

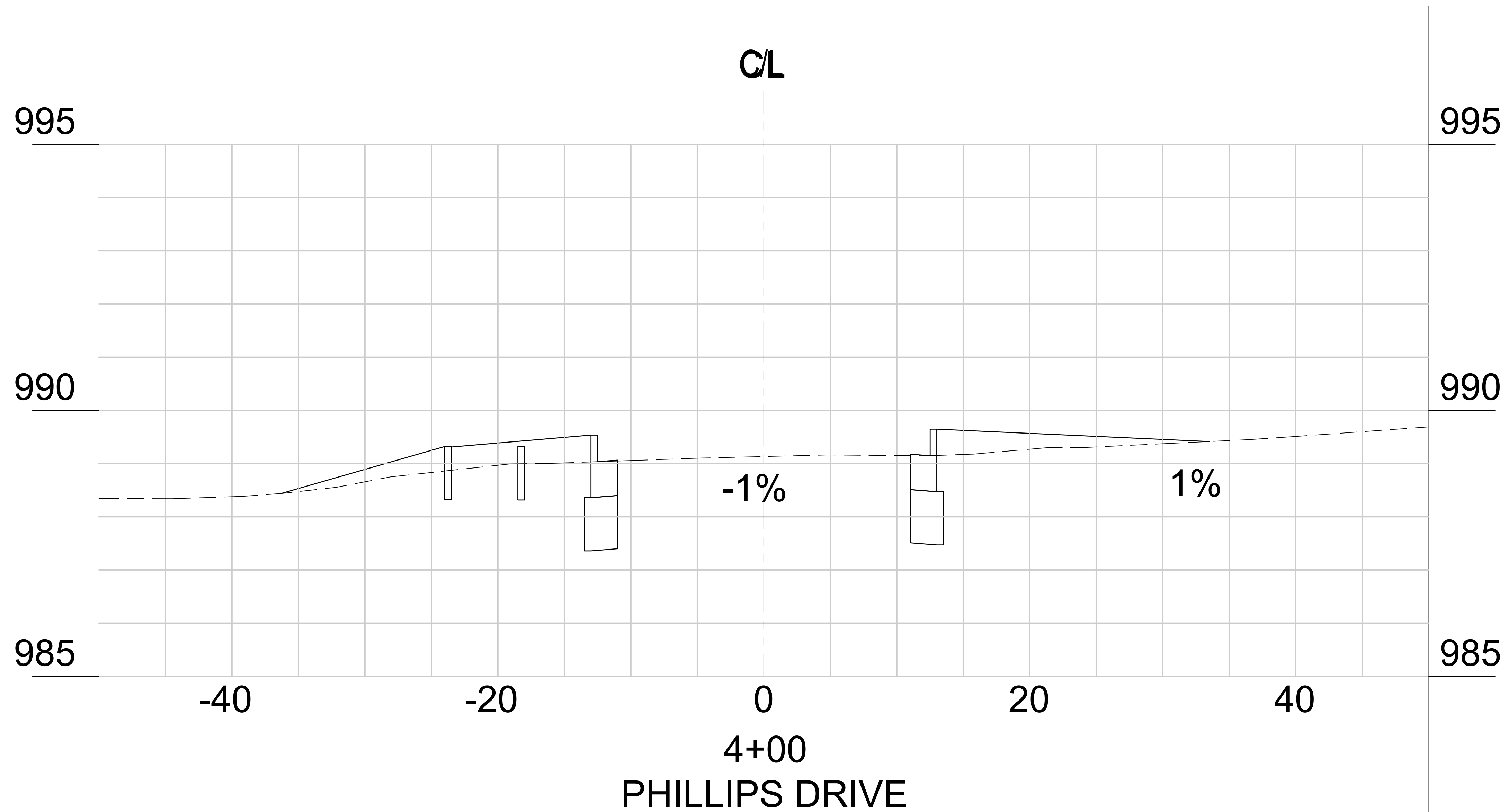
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1400400

DESIGNED

SCALE
AS SHOWN

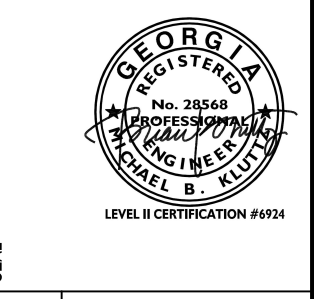
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PHASE 2A
GRADING & DRAINAGE PLAN
ROAD CROSS SECTION

DRAWING NO.
23-40



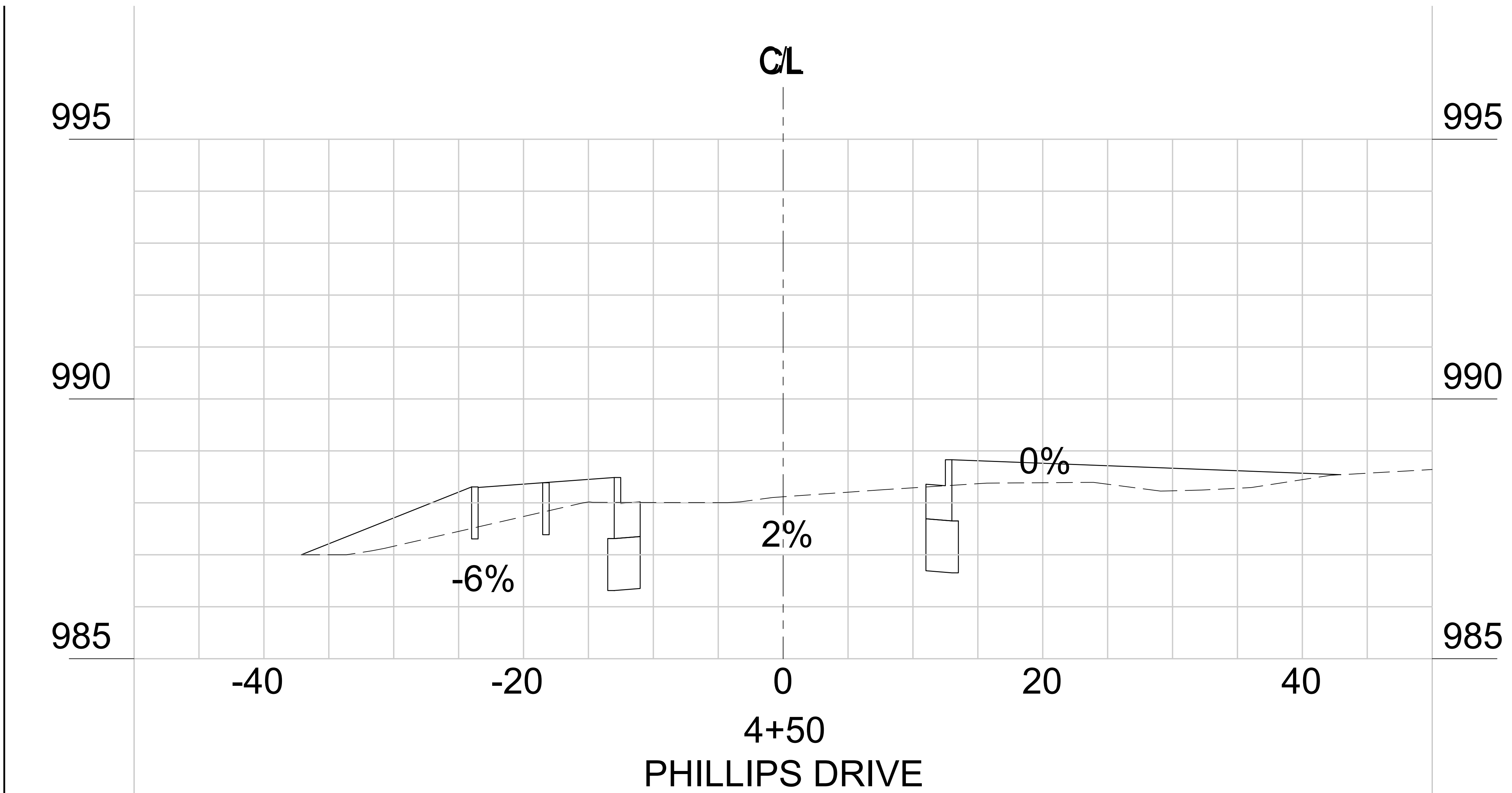
*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.	01400400
COUNTY:	CLAYTON
Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 570, Atlanta, Georgia 30303-1829 Phone: 404.525.7719 www.robertandcompany.com	
SYMBOL	
DATE	
BY	
REVISION	



SPONSOR/CITY	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE
DATE	FEBRUARY 2022
CHECKED	
DRAWN	1400400
DESIGNED	
DRAWING TITLE	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
SCALE	AS SHOWN

DRAWING NO.
23-41



*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

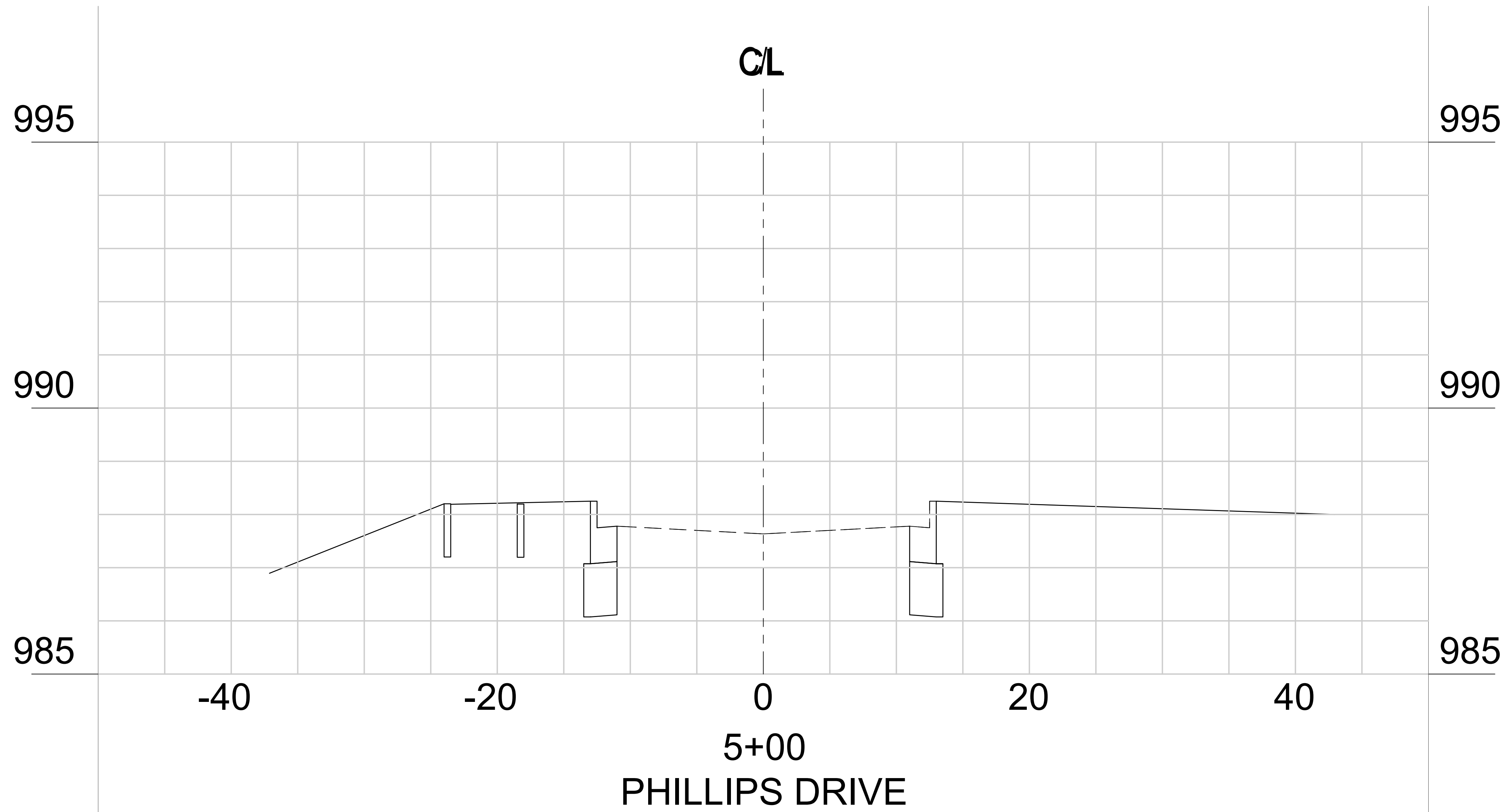
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COUNTY:	CLAYTON
Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 570, Atlanta, Georgia 30308-1829 Phone: 404.525.7719 www.robertandcompany.com	
SYMBOL	
DATE	
BY	
REVISION	



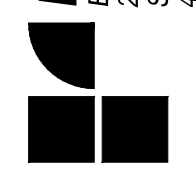
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 PROJECT: FOREST PARK STREETSCAPE

DATE: FEBRUARY 2022
 SCALE: AS SHOWN
 PROJECT NO.: 1400400
 DRAWING TITLE: PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION

DRAWING NO. **23-42**



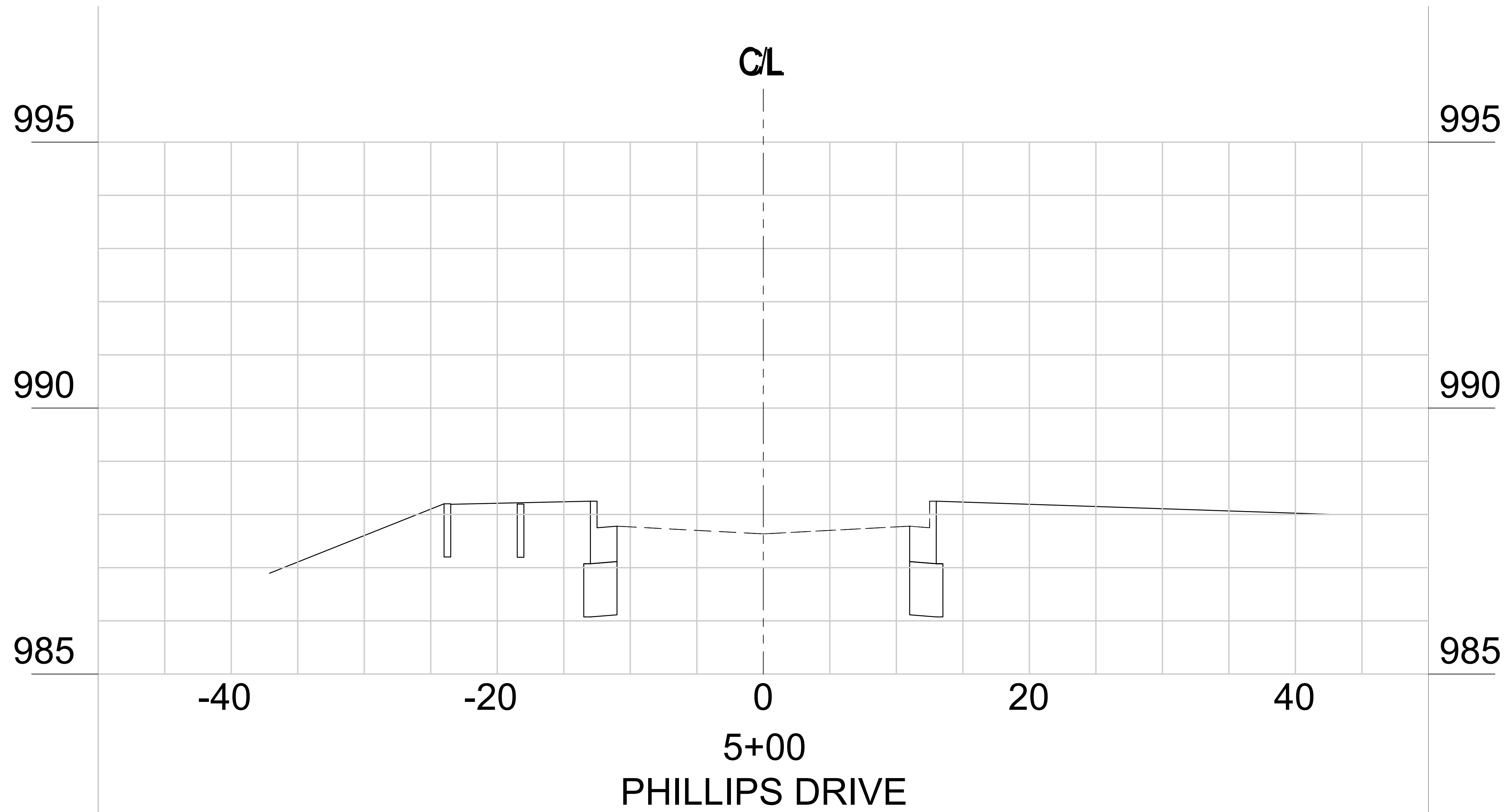
*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.	01400400
COUNTY:	CLAYTON
 Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 570, Atlanta, Georgia 30308-1829 Phone: 404.525.7719 Fax: 404.525.7719 www.robertandcompany.com	
SYMBOL	
DATE	
BY	
REVISION	




SPONSOR/CIENT	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE
DATE	FEBRUARY 2022
CHECKED	
DRAWN	1400400
DESIGNED	
DRAWING NO.	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION
SCALE	AS SHOWN

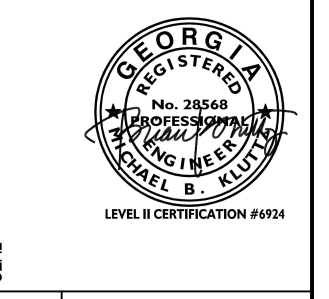
23-43



5+00
PHILLIPS DRIVE

*SEE 8-PROPOSED TYPICAL SECTION SHEET 06.02

PROJECT NO.	01400400
COUNTY:	CLAYTON
 Robert and Company Engineers, Architects, Planners 239 Peachtree Street, N.E. International Tower Suite 570, Atlanta, Georgia 30303-1829 Phone: 404.525.7719 Fax: 404.525.7719 www.robertandcompany.com	
SYMBOL	REVISION
DATE	BY



SPONSOR/CIENT	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK'S STREETSCAPE
DATE	FEBRUARY 2022
CHECKED	SCALE AS SHOWN
DRAWN	PROJECT NO. 1400400
DESIGNED	DRAWING TITLE
DRAWING NO.	PHASE 2A GRADING & DRAINAGE PLAN ROAD CROSS SECTION

23-44

SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
 SCALE AS SHOWN
 DRAWING TITLE PHASE 2A UTILITY PLANS
 MAIN ST STA. 15+50 - 19+50

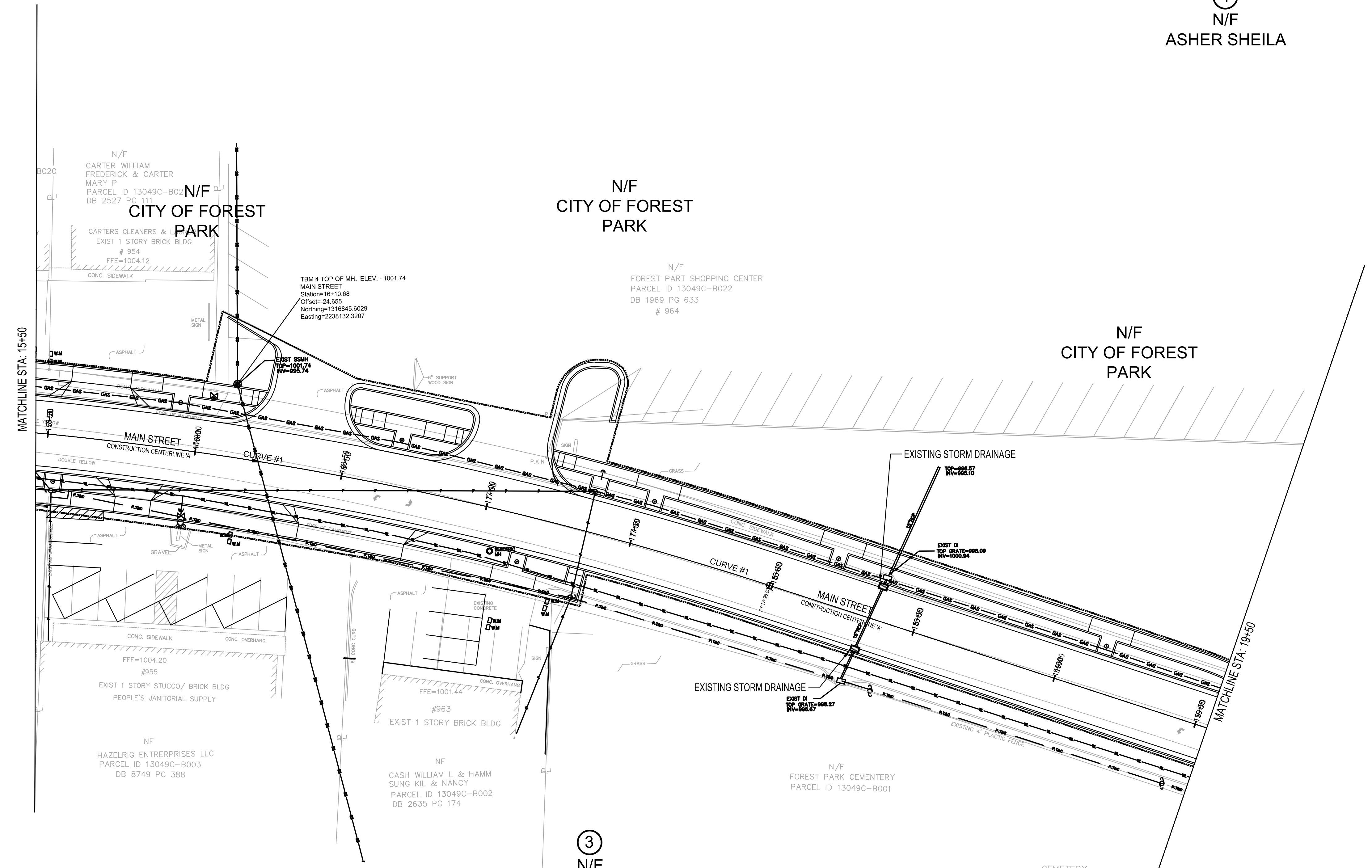
④
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 ASHER SHEILA

N/F
 CITY OF FOREST
 PARK

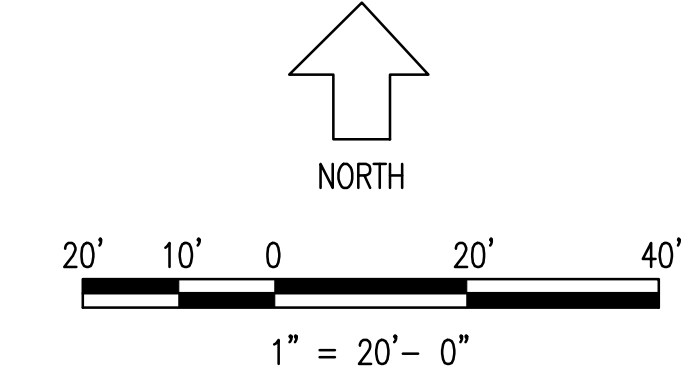
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 FOREST PART SHOPPING CENTER
 PARCEL ID 13049C-B022
 DB 1969 PG 633
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N/F
 CITY OF FOREST
 PARK

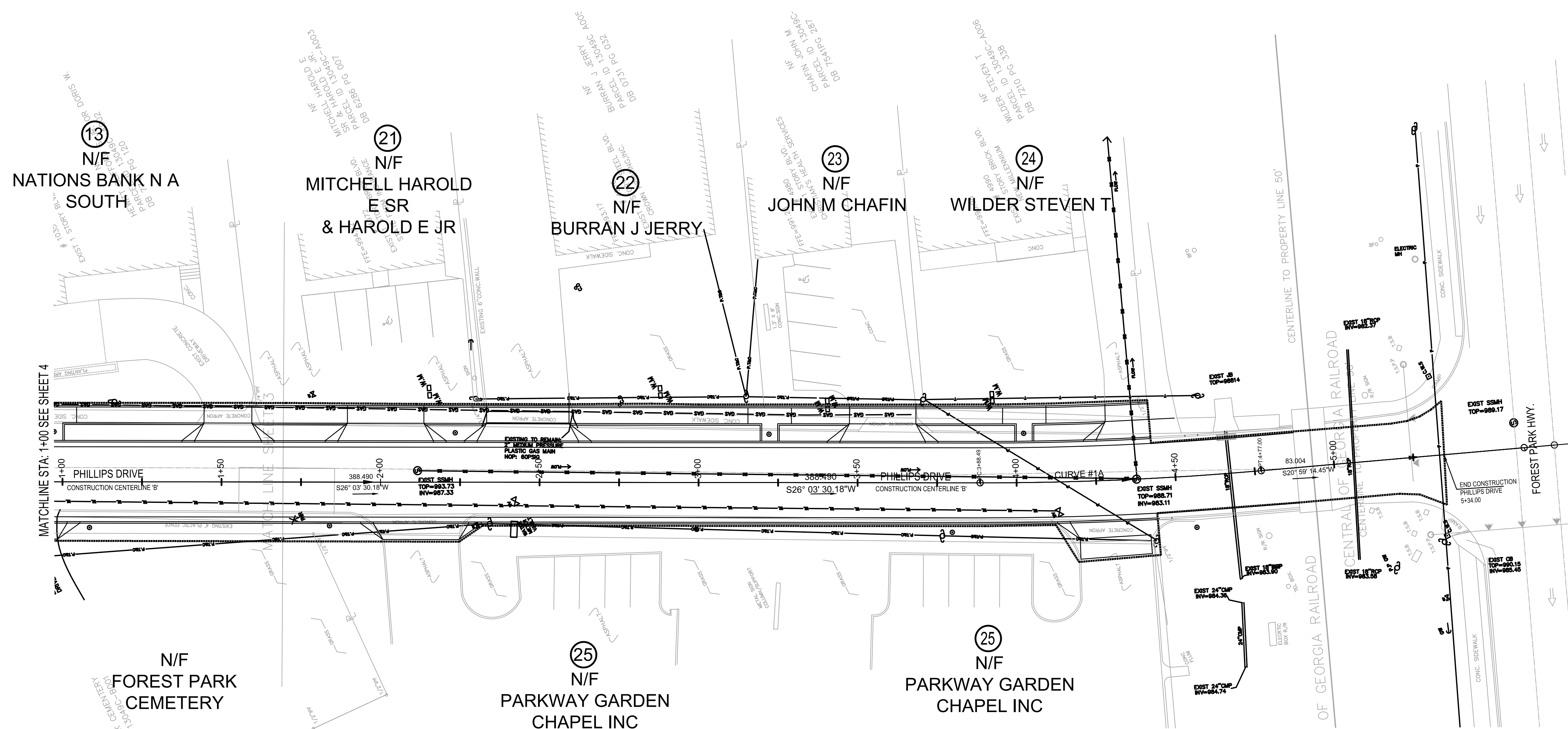
③
 N/F
 WHITE LOTS LLC



UTILITY LEGEND			
WV	WATER VALVE	PWR	POWER TRANSFORMER
TELE	TELEPHONE	SWCB	SINGLE WING CATCH BASIN
CI	CURB INLET	DWCB	DOUBLE WING CATCH BASIN
GI	GRATE INLET	FH	FIRE HYDRANT
EM	ELECTRICITY METER	JB	JUNCTION BOX
WM	WATER METER	HW	HEADWALL
GM	GAS METER	LP	LIGHT POLE
BFO	BURIED FIBER OPTICS	PP	POWER POLE
RCP	REINFORCED CONCRETE PIPE	DE	DRAINAGE EASEMENT
CPP	CORRUGATED PLASTIC PIPE	SSE	SANITARY SEWER EASEMENT
CMP	CORRUGATED METAL PIPE	AE	ACCESS EASEMENT
DIP	DUCTILE IRON PIPE	T.S.P.P.	TRAFFIC LIGHT POLE SIGN
SSMH	SANITARY SEWER MANHOLE	T.S.B.	TRAFFIC SIGN BOX
GV	GAS VALVE	C.W.S.	CROSS WALK SIGNAL
P	POWER	P.T&C	POWER TELEPHONE & COMMUNICATION
T	TELEPHONE AND COMM		

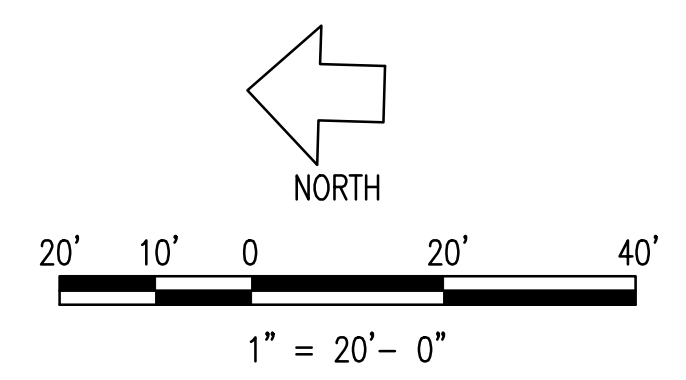


Circular Curve #1 Data
 Delta: 17° 55' 39.9107"
 Type: RIGHT
 Radius: 1150.000
 DOC: 04° 58' 56.0703"
 Length: 359.833
 Tangent: 181.399
 Mid-Ord: 14.045
 External: 14.219
 Chord: 358.367
 Course: S 80° 10' 02.0111" E



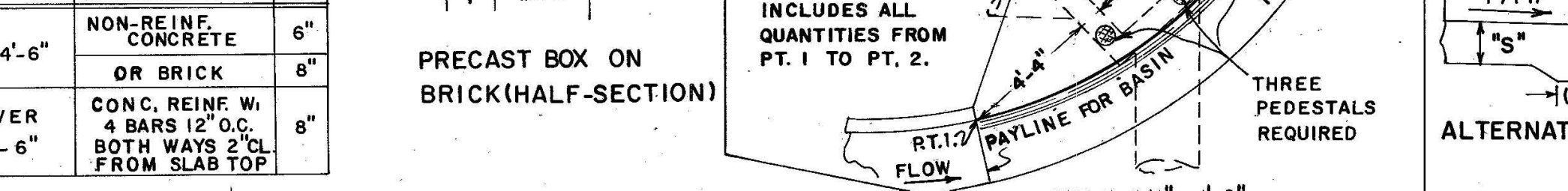
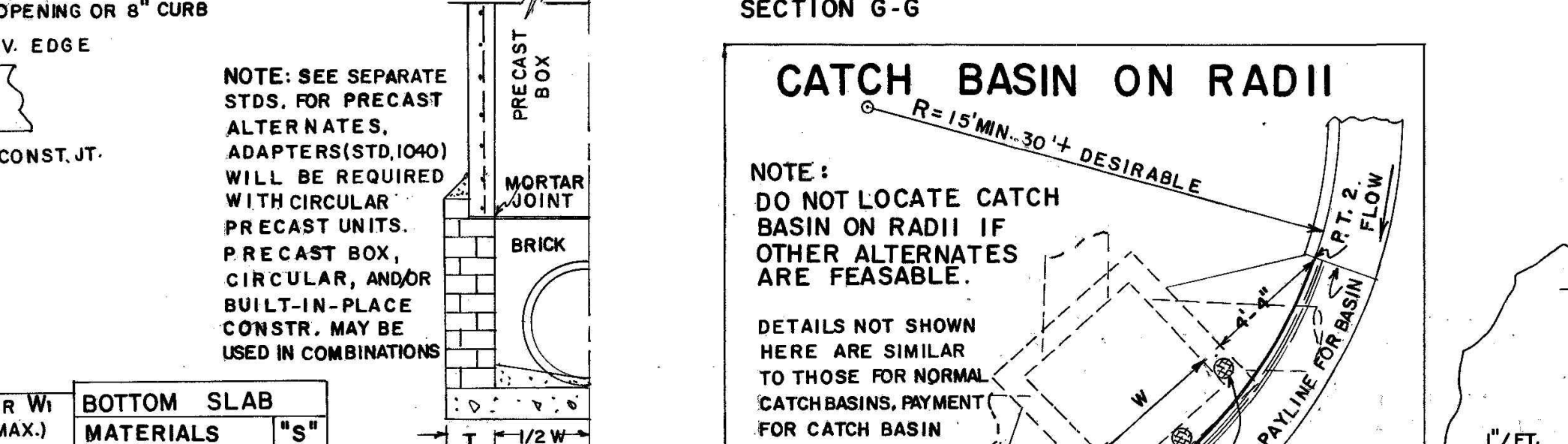
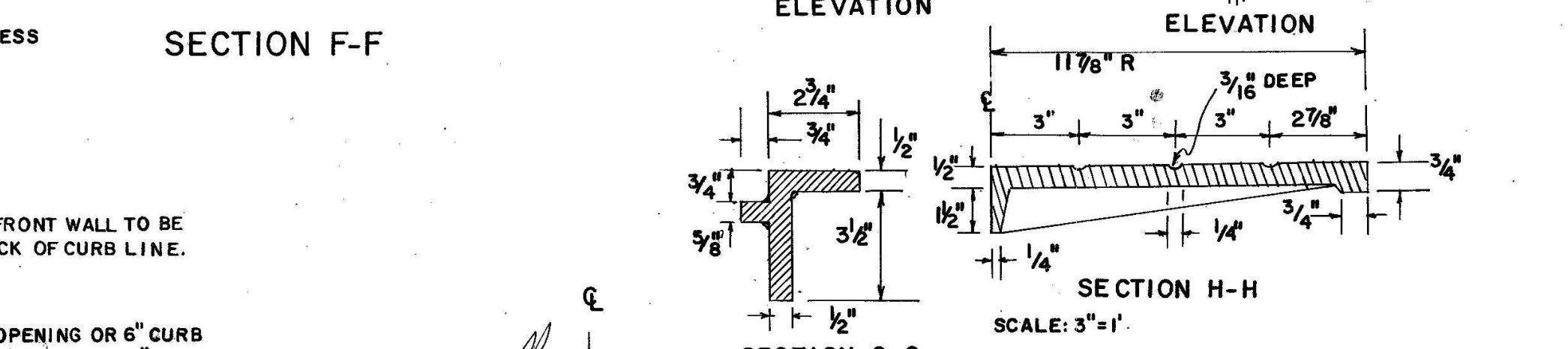
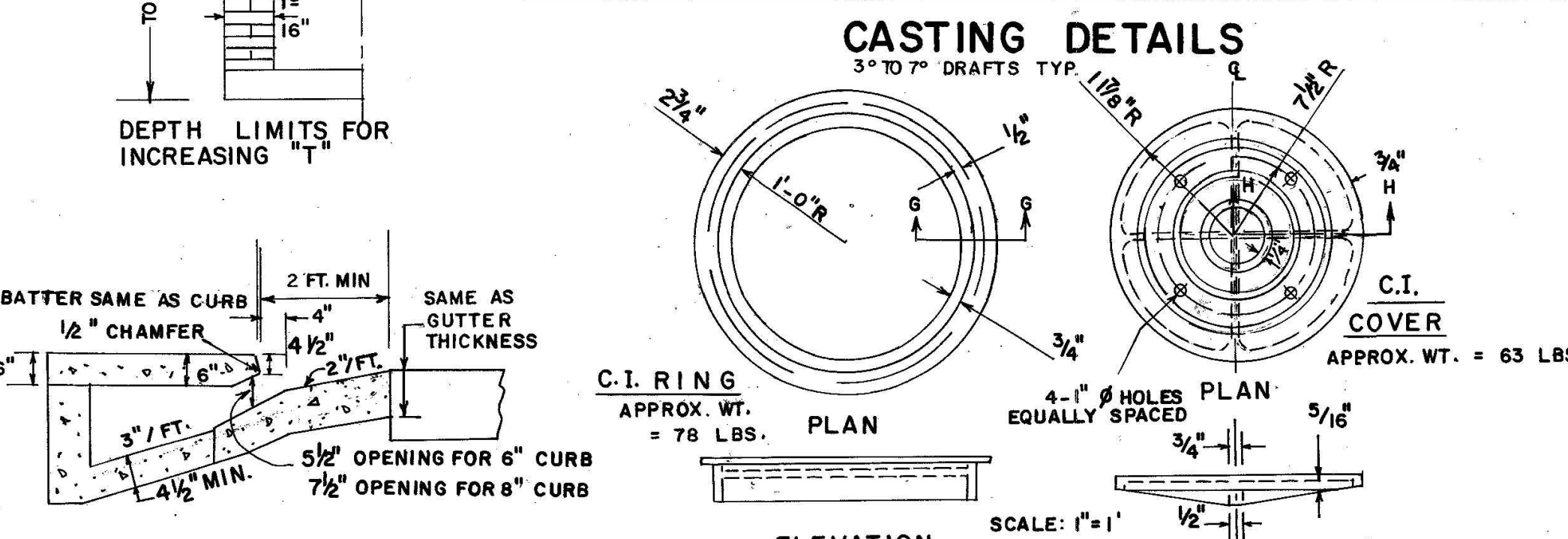
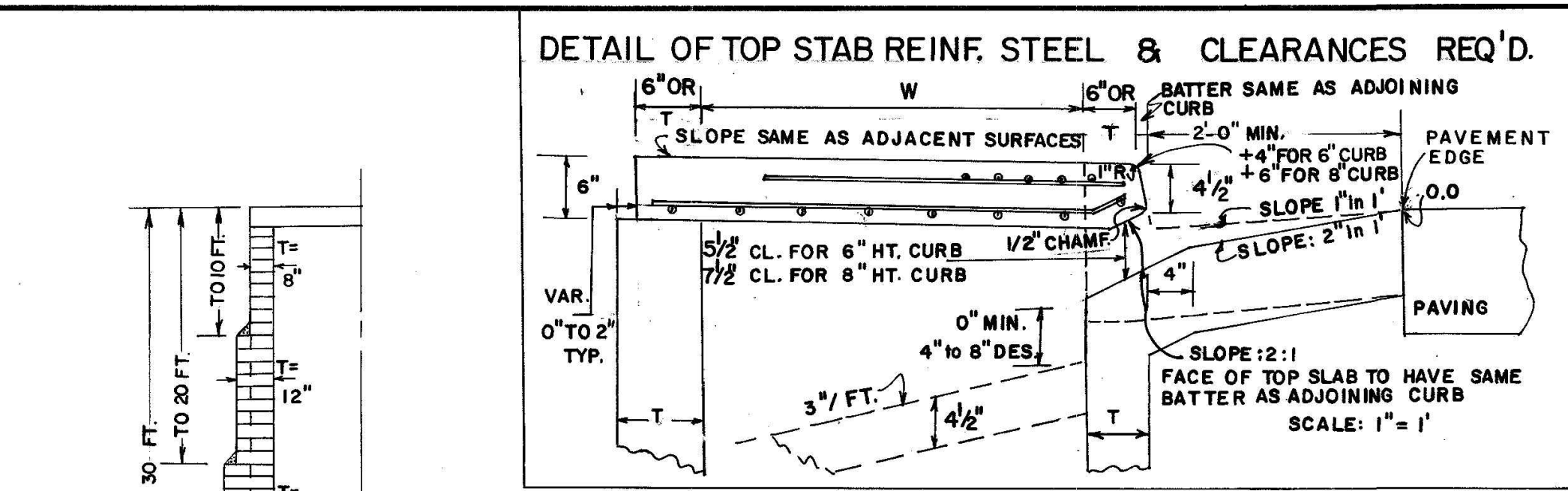
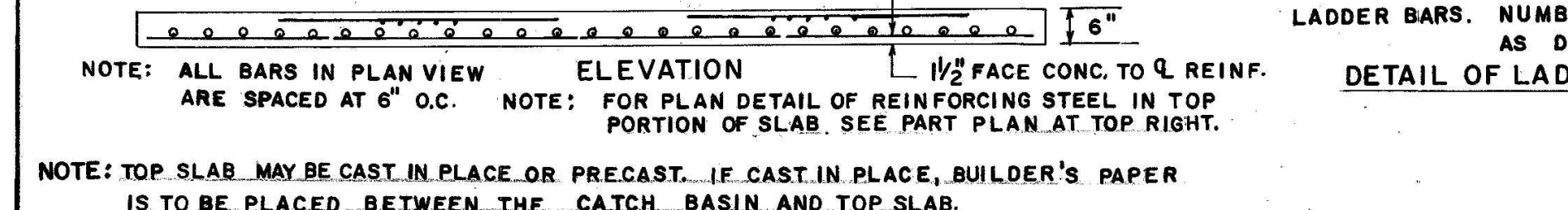
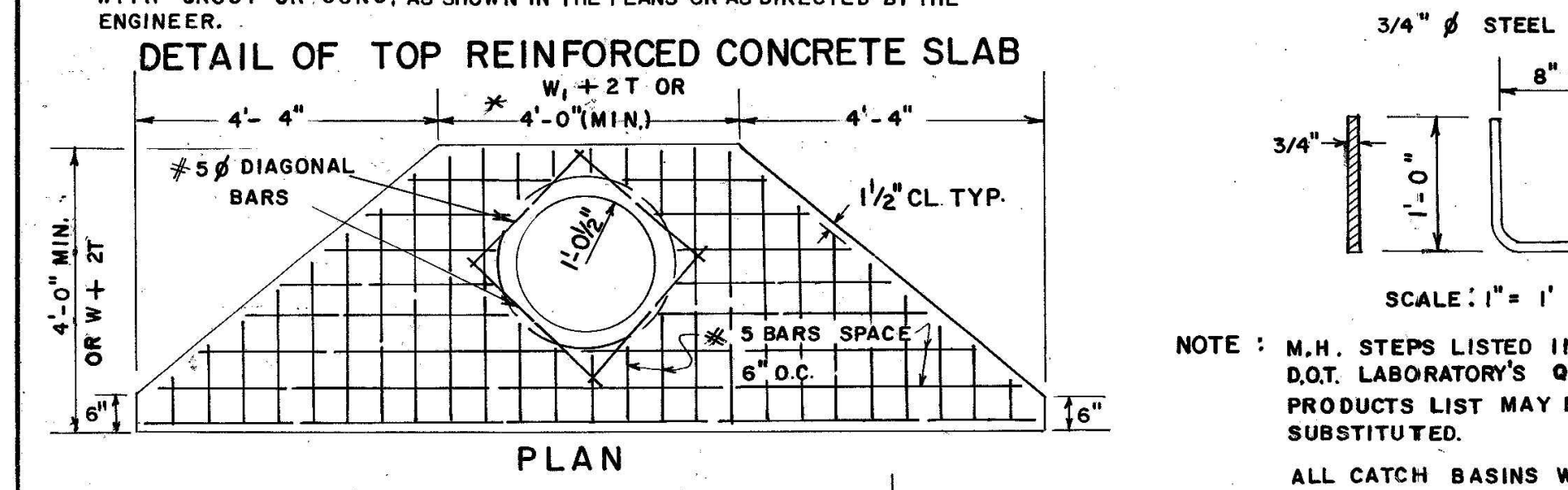
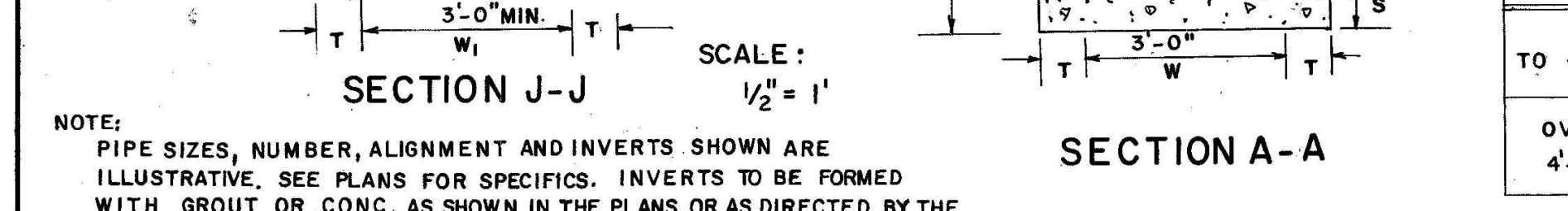
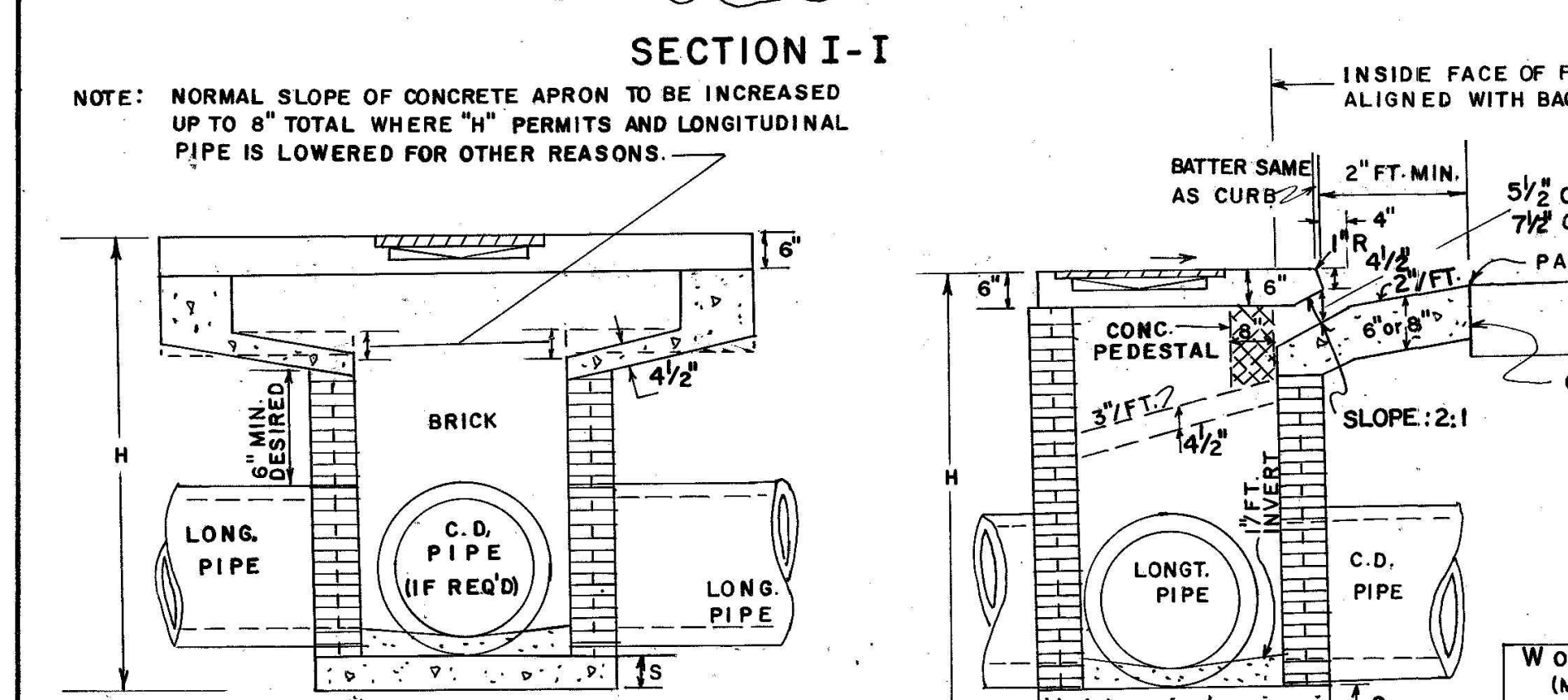
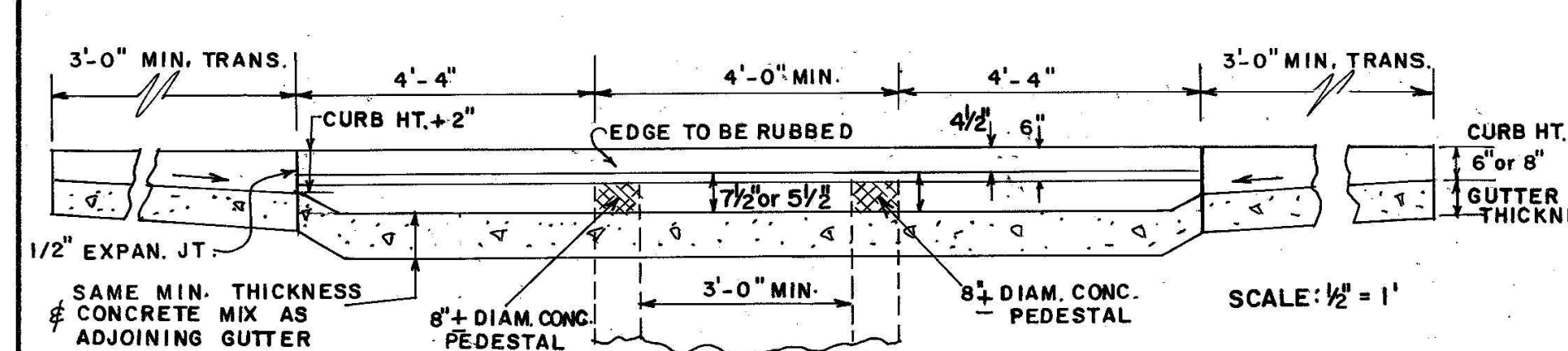
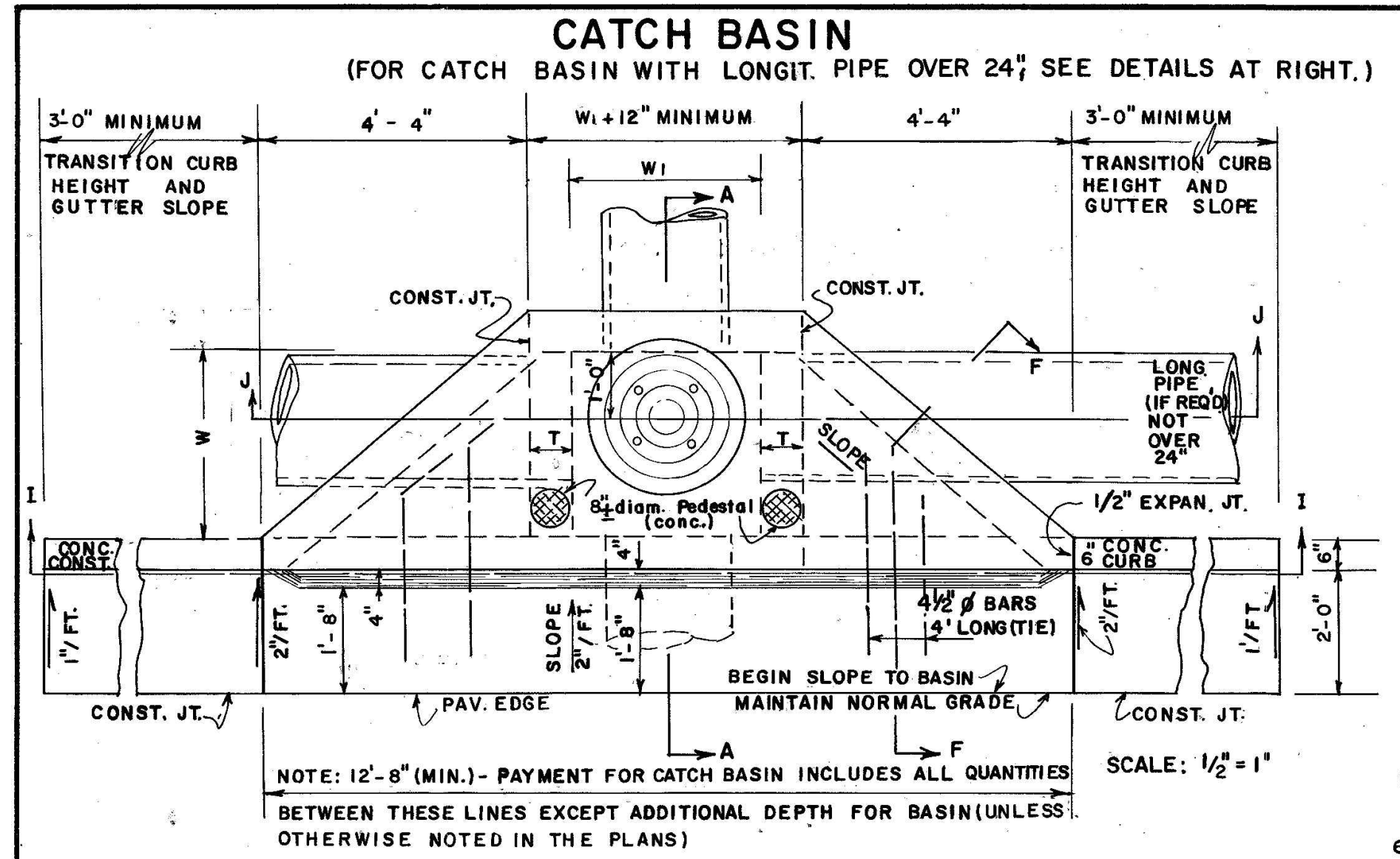
MATCHLINE STA. 1+00 SEE SHEET 4

UTILITY LEGEND			
WV	WATER VALVE	PWR	POWER TRANSFORMER
TELE	TELEPHONE	SWCB	SINGLE WING CATCH BASIN
CI	CURB INLET	DWCB	DOUBLE WING CATCH BASIN
GI	GRATE INLET	FH	FIRE HYDRANT
EM	ELECTRICITY METER	JB	JUNCTION BOX
WM	WATER METER	HW	HEADWALL
GM	GAS METER	LP	LIGHT POLE
BFO	BURIED FIBER OPTICS	PP	POWER POLE
RCP	REINFORCED CONCRETE PIPE	DE	DRAINAGE EASEMENT
CPP	CORRUGATED PLASTIC PIPE	SSE	SANITARY SEWER EASEMENT
CMP	CORRUGATED METAL PIPE	AE	ACCESS EASEMENT
DIP	DUCTILE IRON PIPE	T.S.P.P.	TRAFFIC LIGHT POLE SIGN
SSMH	SANITARY SEWER MANHOLE	T.S.B.	TRAFFIC SIGN BOX
GV	GAS VALVE	C.W.S.	CROSS WALK SIGNAL
P	POWER	P.T&C	POWER TELEPHONE & COMMUNICATION
T	TELEPHONE AND COMM		

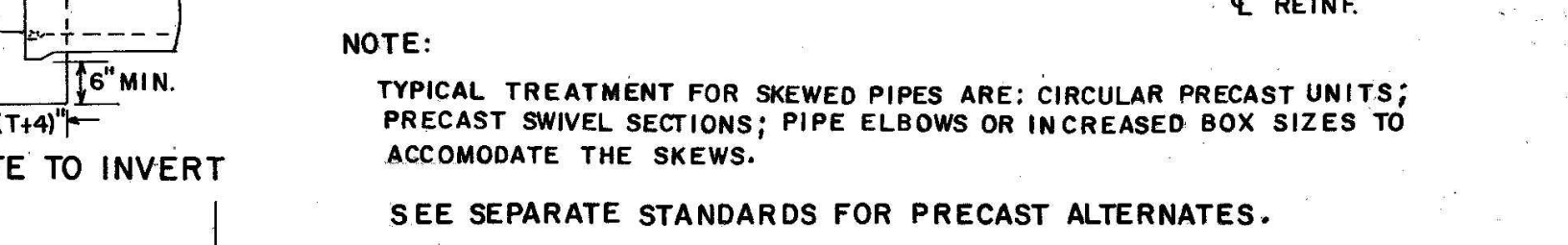
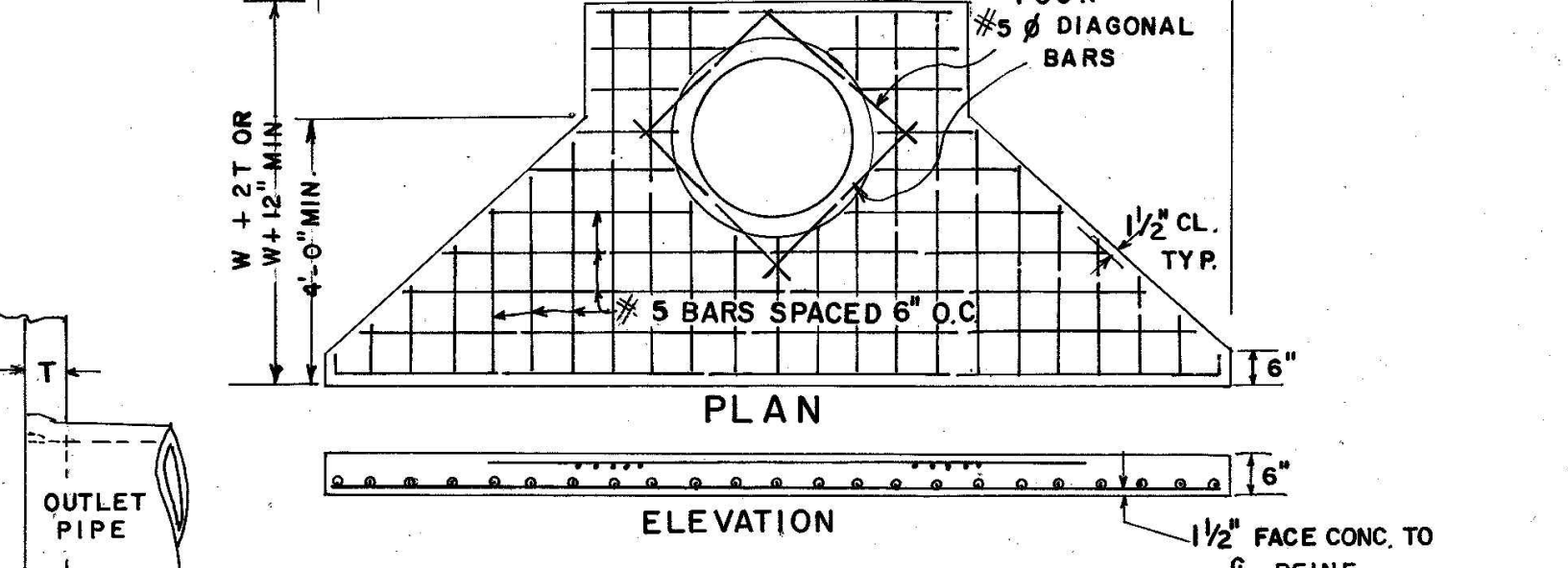
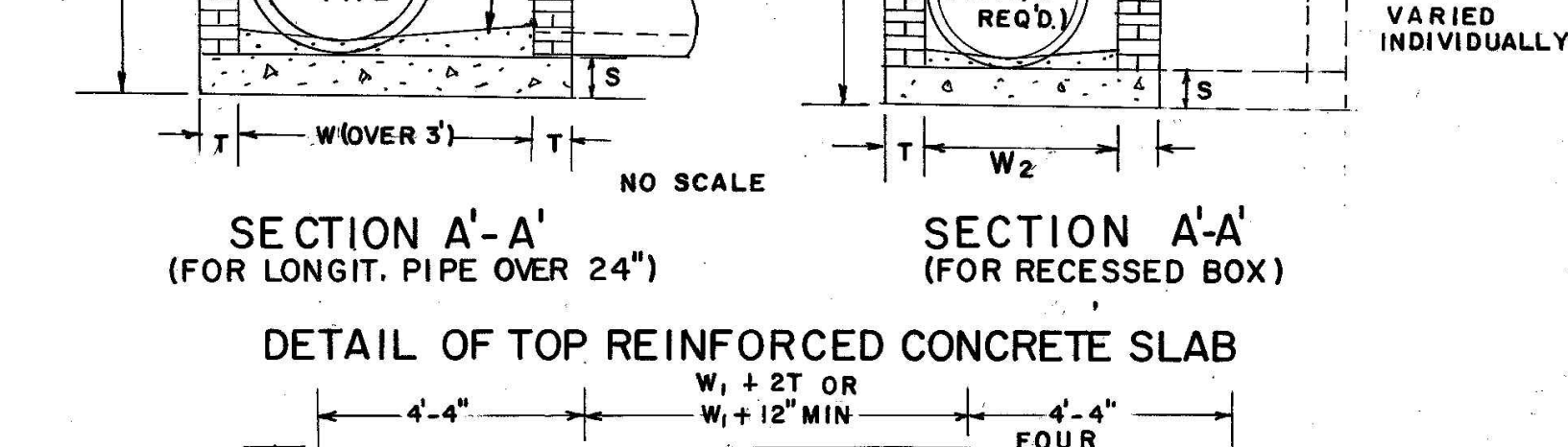
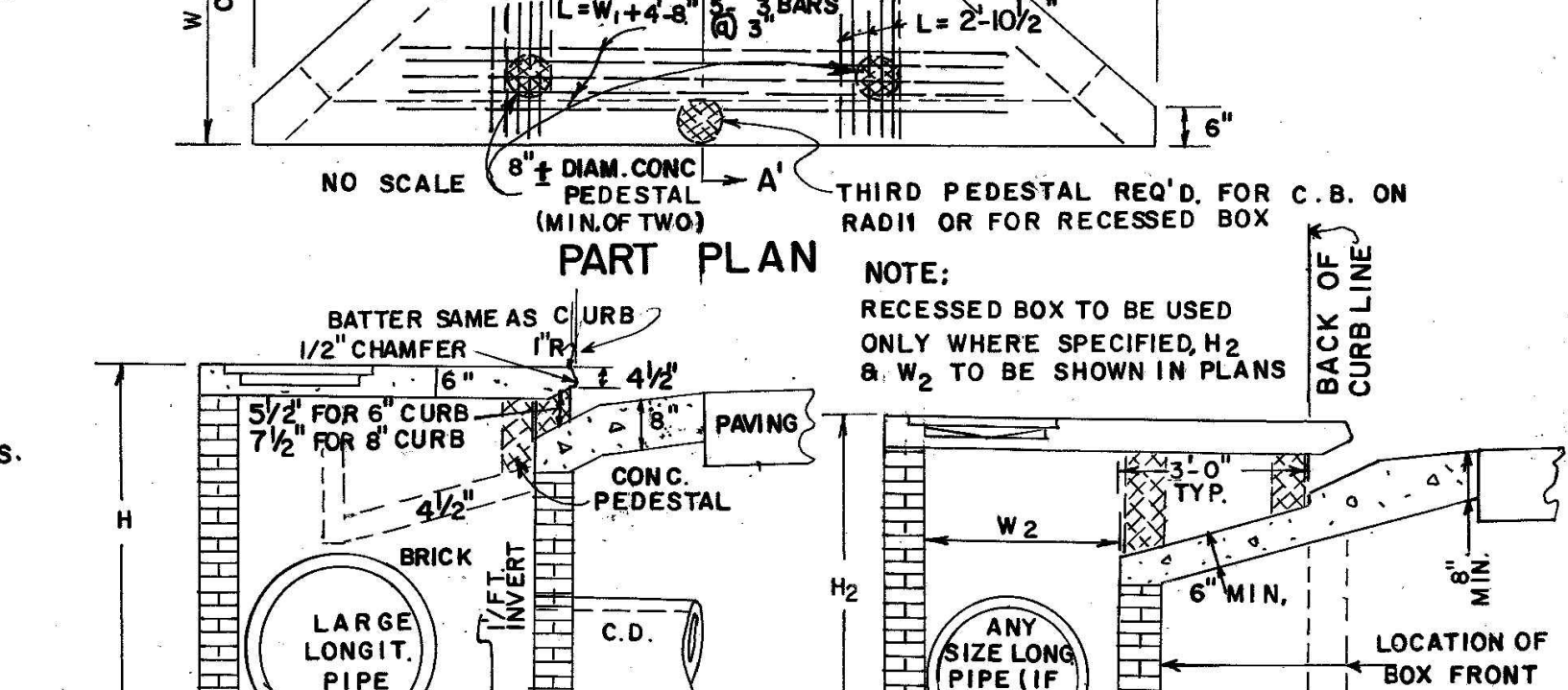
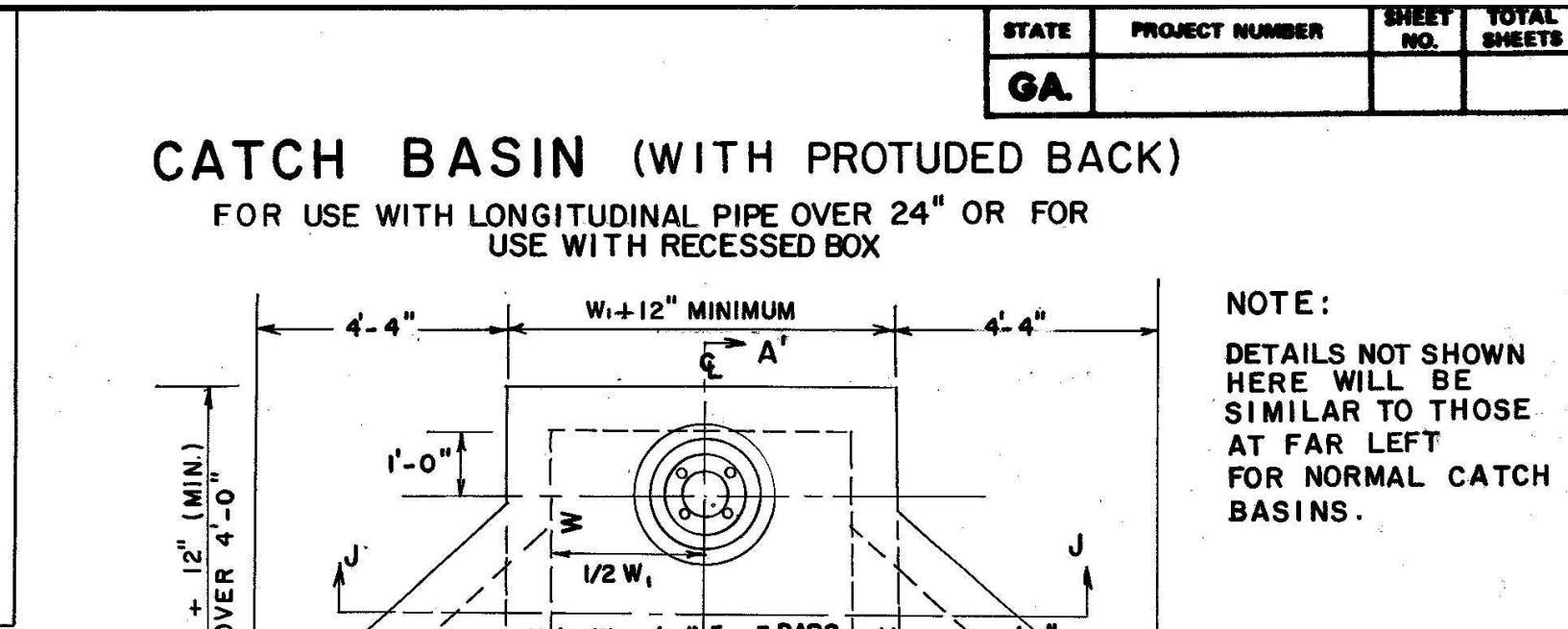
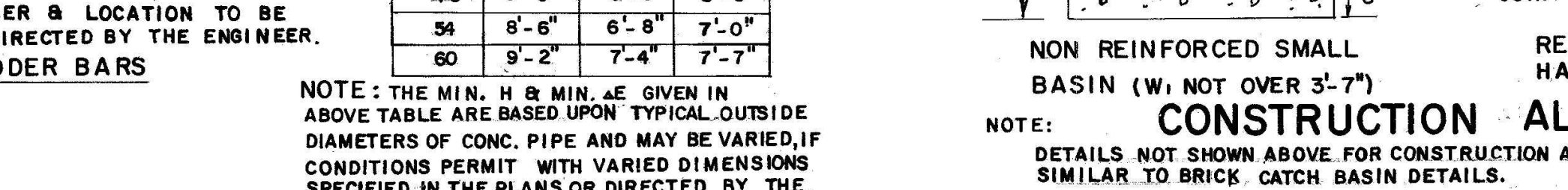


PROJECT NO. 2021008.20/1400400																
COUNTY: CLAYTON																
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404-577-4800 FAX: 404-577-7179 www.robertandcompany.com																
	REVISION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY												
NO.	DATE	BY														
SPONSOR/CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETSCAPE																
DATE APRIL 2022 SCALE AS SHOWN DRAWING TITLE PHASE 2A UTILITY PLANS PHILLIPS DR STA. 1+00- 5+60	24.04															
SHEET 71 OF 130																

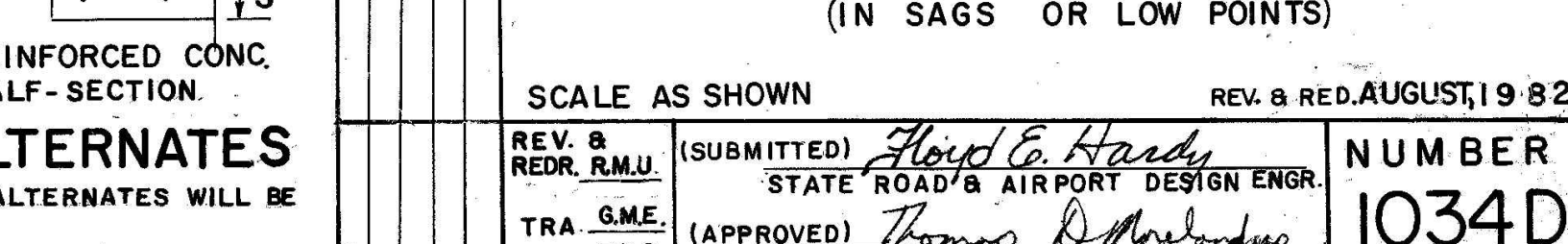
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA			



PIPE DIA.	H (MIN.)	W or W ₁	MIN. ΔE
12	4'-4"	3'-0"	3'-3"
15	4'-7"	3'-0"	3'-6"
18	4'-10"	3'-0"	3'-9"
24	5'-6"	3'-0"	4'-4"
30	6'-2"	3'-7"	5'-0"
36	6'-10"	4'-6"	5'-7"
42	7'-4"	5'-3"	5'-11"
48	8'-0"	6'-0"	6'-6"
54	8'-6"	6'-8"	7'-0"
60	9'-2"	7'-4"	7'-7"



PIPE DIA.	H (MIN.)	W or W ₁	MIN. ΔE
12	4'-4"	3'-0"	3'-3"
15	4'-7"	3'-0"	3'-6"
18	4'-10"	3'-0"	3'-9"
24	5'-6"	3'-0"	4'-4"
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48	8'-0"	6'-0"	6'-6"
54	8'-6"	6'-8"	7'-0"
60	9'-2"	7'-4"	7'-7"



DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

STANDARD
CATCH BASINS
 FOR USE WITH CURB (6" OR 8" HT.) & GUTTER
 (IN SAGS OR LOW POINTS)

SCALE AS SHOWN REV. & RED. AUGUST, 1982

REV. & RED. R.M.U. (SUBMITTED) *Alfred C. Hardy*
 STATE ROAD & AIRPORT DESIGN ENGR.

TRA. G.M.E. (APPROVED) *Thomas D. Anderson*
 CHK. R.K.C. STATE HIGHWAY ENGINEER

NUMBER 1034D



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETScape

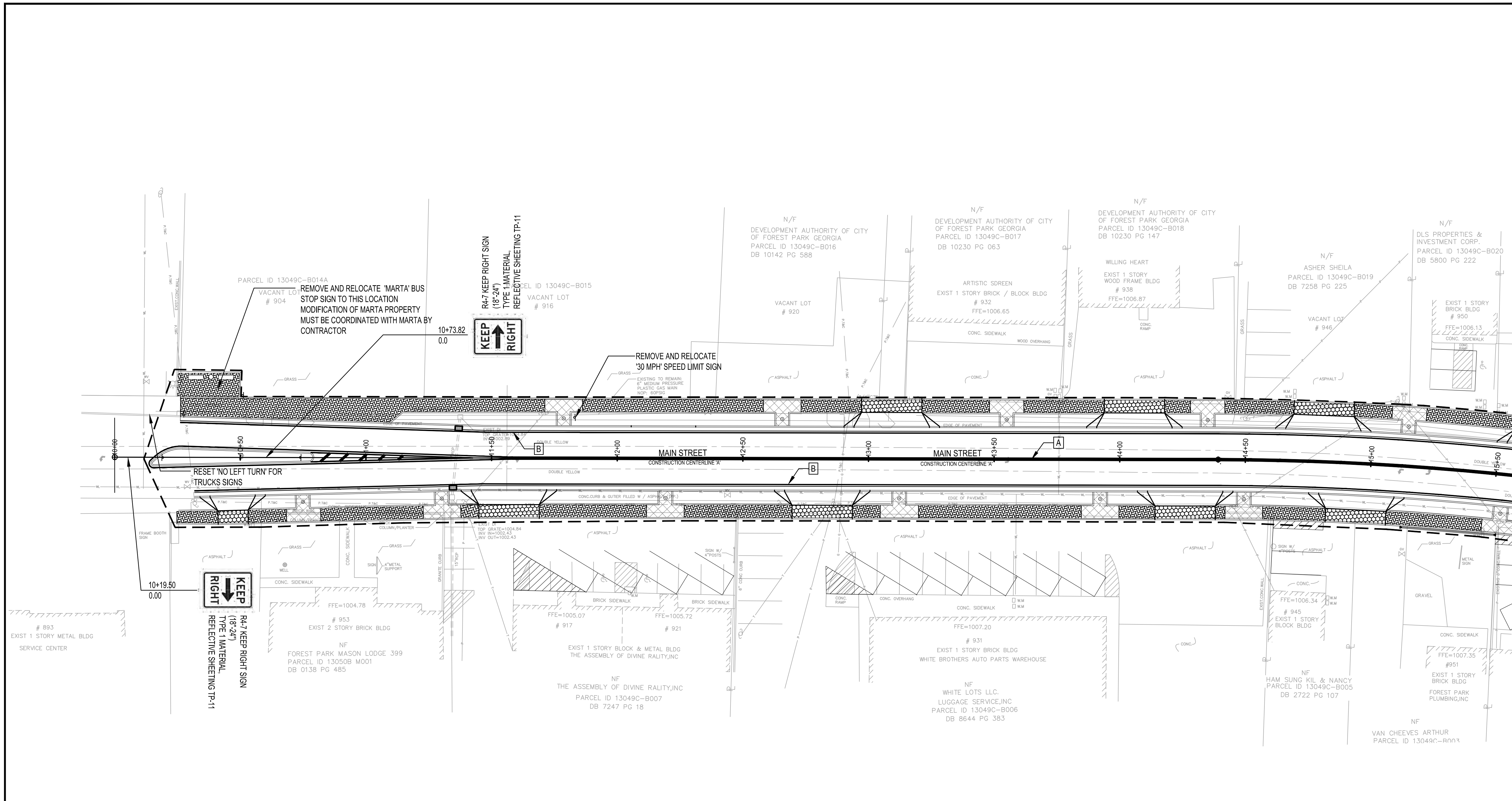
DATE APRIL 2022
 SCALE AS SHOWN
 PROJECT NO. 2021008.20/1400400
 DRAWING TITLE UTILITY DETAILS

REVISION	BY	DATE	SYMBOL



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

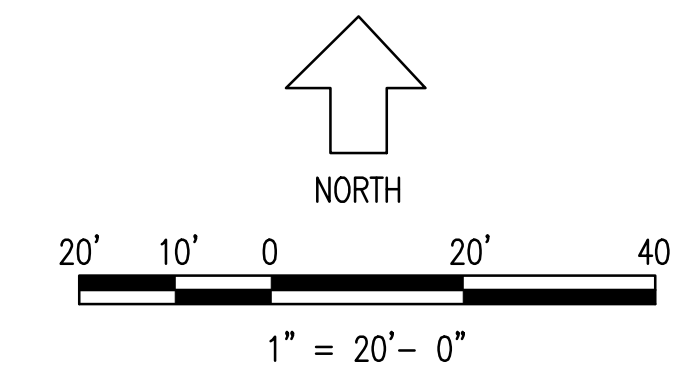
DATE APRIL 2022
 SCALE AS SHOWN
 PHASE 2A
 SIGNAGE AND MARKING PLANS
 STA. 10+00 - 15+50



- NOTES:**
- SPACING BETWEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH. (5' BETWEEN SOLID DOUBLE YELLOW CENTERLINE)
 - CENTER SOLID DOUBLE YELLOW CENTERLINE WITH THE 'CONSTRUCTION CENTERLINE', TYP.
 - FOR 'DETAIL A (YELLOW) TRAFFIC MARKING HATCHING, END INSIDE OF DOUBLE YELLOW OUTLINE 4" FROM MEDIAN CURB, AS SHOWN, TYP
 - ALL EDGE LINES AND CROSSWALK LINES SHALL MAINTAIN 4" CLEARANCE FROM FACE OF CURB, TYP.
 - SIGNAGE LOCATIONS ARE APPROXIMATE, COORDINATE FINAL LOCATIONS WITH THE ENGINEER PRIOR TO FOOTING INSTALLATION.
 - FOR STREET NAME SIGNS, COORDINATE FINAL NAMES AND LOCATIONS WITH THE CITY OF FOREST PARK DIRECTOR OF PUBLIC WORKS DEPT.

SIGN	SIGN SIZE	REFLECTIVE SHEETING
STOP (R1-1)	36"	R-11
YIELD (R1-2)	36" x 36" x 36"	R-11
STATE LAW YIELD TO PEDESTRIANS (R1-9)	24" x 90"	R-11
ALL WAY PLAQUE (R1-4)	18" x 6"	R-11
KEEP RIGHT (R4-7)	24" x 30"	R-11
DO NOT ENTER (R5-1)	30" x 30"	R-11
ONE WAY ARROW (R6-1)	12" X 36"	R-9
CROSS ONLY AT CROSSWALK (R9-2)	12" X 18"	R-9
PEDESTRIAN CROSSING (W11-2)	30" x 30"	R-11
PED. CROSSING ARROW (W16-7pL & W16-7pR)	24" x 12"	R-11

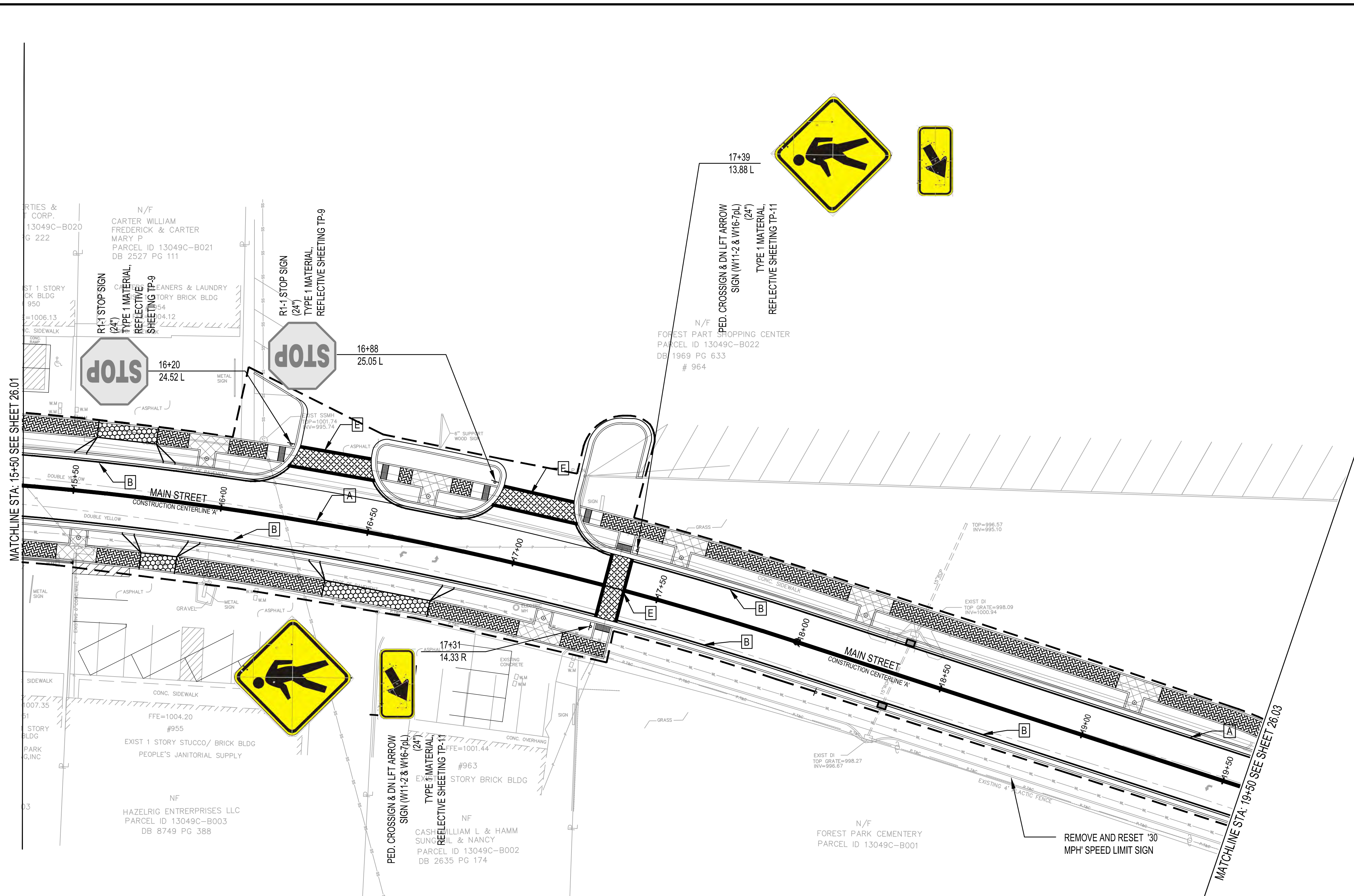
- SYMBOL LEGEND:**
- (A) YELLOW CENTERLINE ; 5", SOLID DOUBLE YELLOW (PAINT); GADOT T-11A
 - (B) LANE DIVIDER; 5", SOLID WHITE (PAINT); GADOT T-11A
 - (C) LANE CROSSING; 5", SKIP WHITE
 - (D) STOP BAR; 24", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
 - (E) CROSSWALK; 8", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
 - (F) PARKING STALL; 5", SOLID WHITE
 - (G) ACCESSIBLE SYMBOL; WHITE (THERMOPLASTIC)
 - (H) ARROW - TYPE 1; WHITE (THERMOPLASTIC); GADOT T-12B
 - (I) ARROW - TYPE 2; WHITE (THERMOPLASTIC); GADOT T-12A & T-12B
 - (J) ARROW - TYPE 3; WHITE (THERMOPLASTIC); GADOT T-12B
 - (K) HATCHING - YELLOW; DETAIL "A" (YELLOW - PAINT); GADOT T-14
 - (L) HATCHING - WHITE; DETAIL "A" (WHITE - PAINT); GADOT T-14



EASEMENT LEGEND

REQD RW	RIGHT OF WAY ACQUISITION
[Hatched Pattern]	EASEMENT FOR CONSTRUCTION OF SLOPES
[Cross-hatched Pattern]	EASEMENT FOR DRIVEWAYS
-C- F-	LIMITS OF CONSTRUCTION

MATCHLINE STA. 15+50 SEE SHEET 26.02



- NOTES:**
- SPACING BETWEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH. (5" BETWEEN SOLID DOUBLE YELLOW CENTERLINE)
 - CENTER SOLID DOUBLE YELLOW CENTERLINE WITH THE 'CONSTRUCTION CENTERLINE', TYP.
 - FOR 'DETAIL A (YELLOW) TRAFFIC MARKING HATCHING, END INSIDE OF DOUBLE YELLOW OUTLINE 4" FROM MEDIAN CURB, AS SHOWN, TYP
 - ALL EDGE LINES AND CROSSWALK LINES SHALL MAINTAIN 4" CLEARANCE FROM FACE OF CURB, TYP.
 - SIGNAGE LOCATIONS ARE APPROXIMATE, COORDINATE FINAL LOCATIONS WITH THE ENGINEER PRIOR TO FOOTING INSTALLATION.
 - FOR STREET NAME SIGNS, COORDINATE FINAL NAMES AND LOCATIONS WITH THE CITY OF FOREST PARK DIRECTOR OF PUBLIC WORKS DEPT.

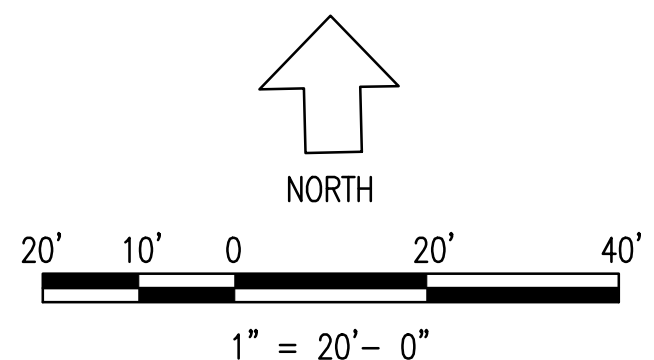
SYMBOL LEGEND:

(A) YELLOW CENTERLINE;	5", SOLID DOUBLE YELLOW (PAINT); GADOT T-11A
(B) LANE DIVIDER;	5", SOLID WHITE (PAINT); GADOT T-11A
(C) LANE CROSSING;	5", SKIP WHITE
(D) STOP BAR;	24", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
(E) CROSSWALK;	8", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
(F) PARKING STALL;	5", SOLID WHITE
(G) ACCESSIBLE SYMBOL;	WHITE (THERMOPLASTIC)
(H) ARROW - TYPE 1;	WHITE (THERMOPLASTIC); GADOT T-12B
(I) ARROW - TYPE 2;	WHITE (THERMOPLASTIC); GADOT T-12A & T-12B
(J) ARROW - TYPE 3;	WHITE (THERMOPLASTIC); GADOT T-12B
(K) HATCHING - YELLOW;	DETAIL "A" (YELLOW - PAINT); GADOT T-14
(L) HATCHING - WHITE;	DETAIL "A" (WHITE - PAINT); GADOT T-14

EASEMENT LEGEND

— REQ'D RW —	RIGHT OF WAY ACQUISITION
	EASEMENT FOR CONSTRUCTION OF SLOPES
	EASEMENT FOR DRIVEWAYS
— C — F —	LIMITS OF CONSTRUCTION

Circular Curve #1 Data
 Delta: 17° 55' 39.9107"
 Type: RIGHT
 Radius: 1150.000
 DOC: 04° 58' 56.0703"
 Length: 359.833
 Tangent: 181.399
 Mid-Ord: 14.045
 External: 14.219
 Chord: 358.367
 Course: S 80° 10' 02.0111" E



REVISION	BY	DATE	SYMBOL



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

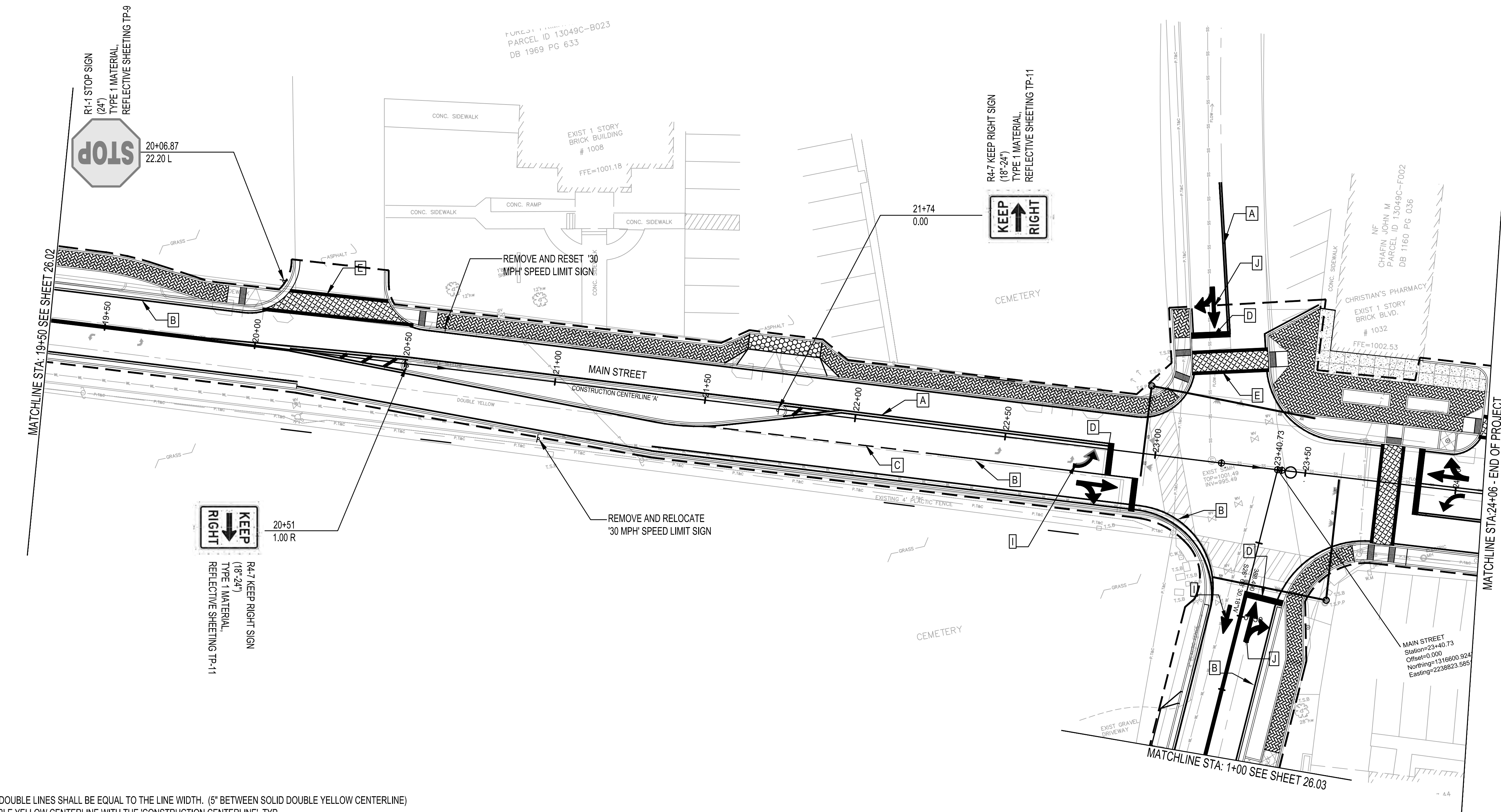
DATE APRIL 2022
 SCALE AS SHOWN
 PHASE 2A
 SIGNAGE AND MARKING PLANS
 STA. 15+50 - 19+50

NO.	SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

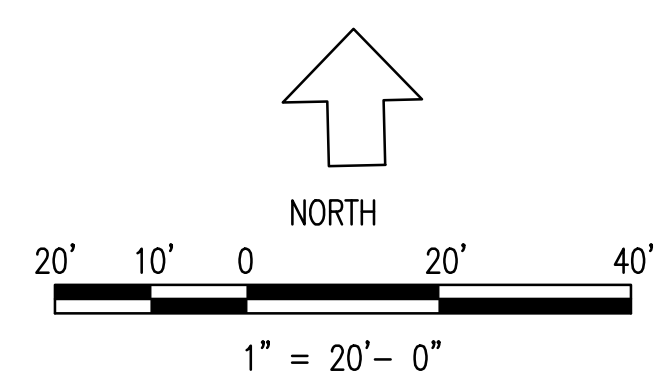
DATE APRIL 2022
 SCALE AS SHOWN
 PHASE 2A
 SIGNAGE AND MARKING PLANS
 STA. 19+50-24+06



- NOTES:**
- SPACING BETWEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH. (5' BETWEEN SOLID DOUBLE YELLOW CENTERLINE)
 - CENTER SOLID DOUBLE YELLOW CENTERLINE WITH THE 'CONSTRUCTION CENTERLINE', TYP.
 - FOR 'DETAIL A (YELLOW) TRAFFIC MARKING HATCHING, END INSIDE OF DOUBLE YELLOW OUTLINE 4" FROM MEDIAN CURB, AS SHOWN, TYP
 - ALL EDGE LINES AND CROSSWALK LINES SHALL MAINTAIN 4" CLEARANCE FROM FACE OF CURB, TYP.
 - SIGNAGE LOCATIONS ARE APPROXIMATE, COORDINATE FINAL LOCATIONS WITH THE ENGINEER PRIOR TO FOOTING INSTALLATION.
 - FOR STREET NAME SIGNS, COORDINATE FINAL NAMES AND LOCATIONS WITH THE CITY OF FOREST PARK DIRECTOR OF PUBLIC WORKS DEPT.

SYMBOL LEGEND:

(A) YELLOW CENTERLINE;	5", SOLID DOUBLE YELLOW (PAINT); GADOT T-11A
(B) LANE DIVIDER;	5", SOLID WHITE (PAINT); GADOT T-11A
(C) LANE CROSSING;	5", SKIP WHITE
(D) STOP BAR;	24", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
(E) CROSSWALK;	8", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
(F) PARKING STALL;	5", SOLID WHITE
(G) ACCESSIBLE SYMBOL;	WHITE (THERMOPLASTIC)
(H) ARROW - TYPE 1;	WHITE (THERMOPLASTIC); GADOT T-12B
(I) ARROW - TYPE 2;	WHITE (THERMOPLASTIC); GADOT T-12A & T-12B
(J) ARROW - TYPE 3;	WHITE (THERMOPLASTIC); GADOT T-12B
(K) HATCHING - YELLOW;	DETAIL "A" (YELLOW - PAINT); GADOT T-14
(L) HATCHING - WHITE;	DETAIL "A" (WHITE - PAINT); GADOT T-14

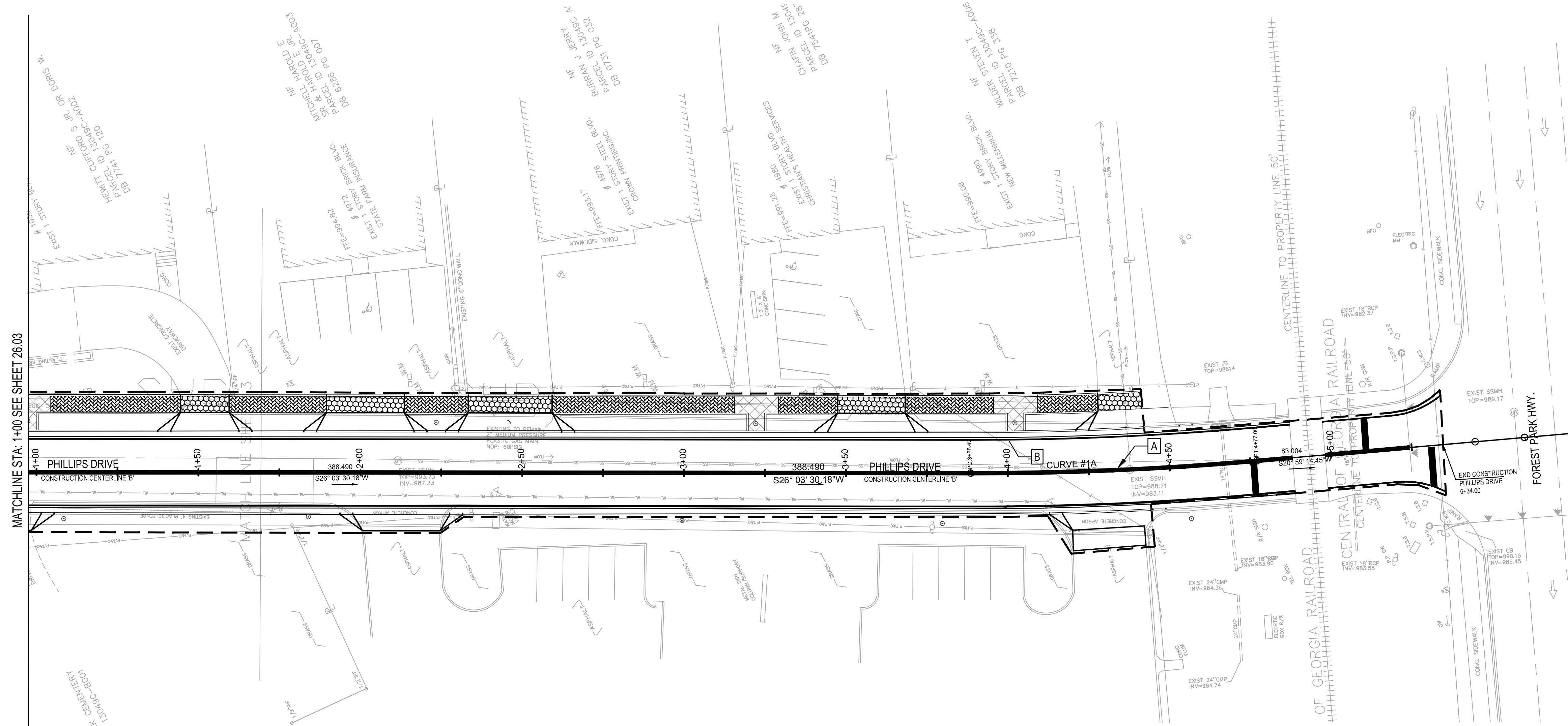


EASEMENT LEGEND

REQ'D R/W	RIGHT OF WAY ACQUISITION
[Hatched Pattern]	EASEMENT FOR CONSTRUCTION OF SLOPES
[Cross-hatched Pattern]	EASEMENT FOR DRIVEWAYS
-C- F-	LIMITS OF CONSTRUCTION

Circular Curve #1 Data
 Delta: 17° 55' 39.9107"
 Type: RIGHT
 Radius: 1150.000
 DOC: 04° 58' 56.0703"
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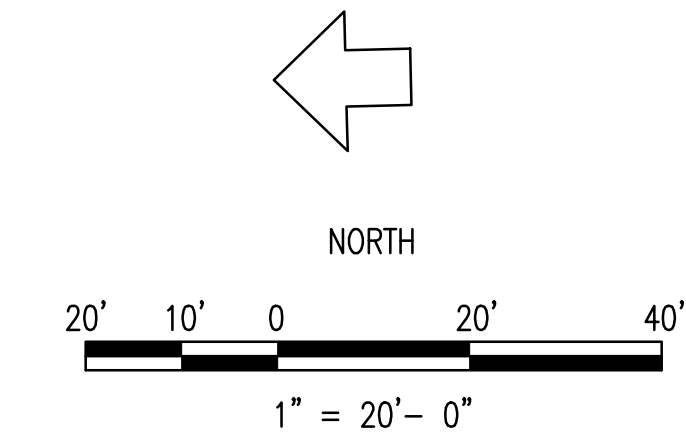




- NOTES:**
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 6. FOR STREET NAME SIGNS, COORDINATE FINAL NAMES AND LOCATIONS WITH THE CITY OF FOREST PARK DIRECTOR OF PUBLIC WORKS DEPT.

SYMBOL LEGEND:

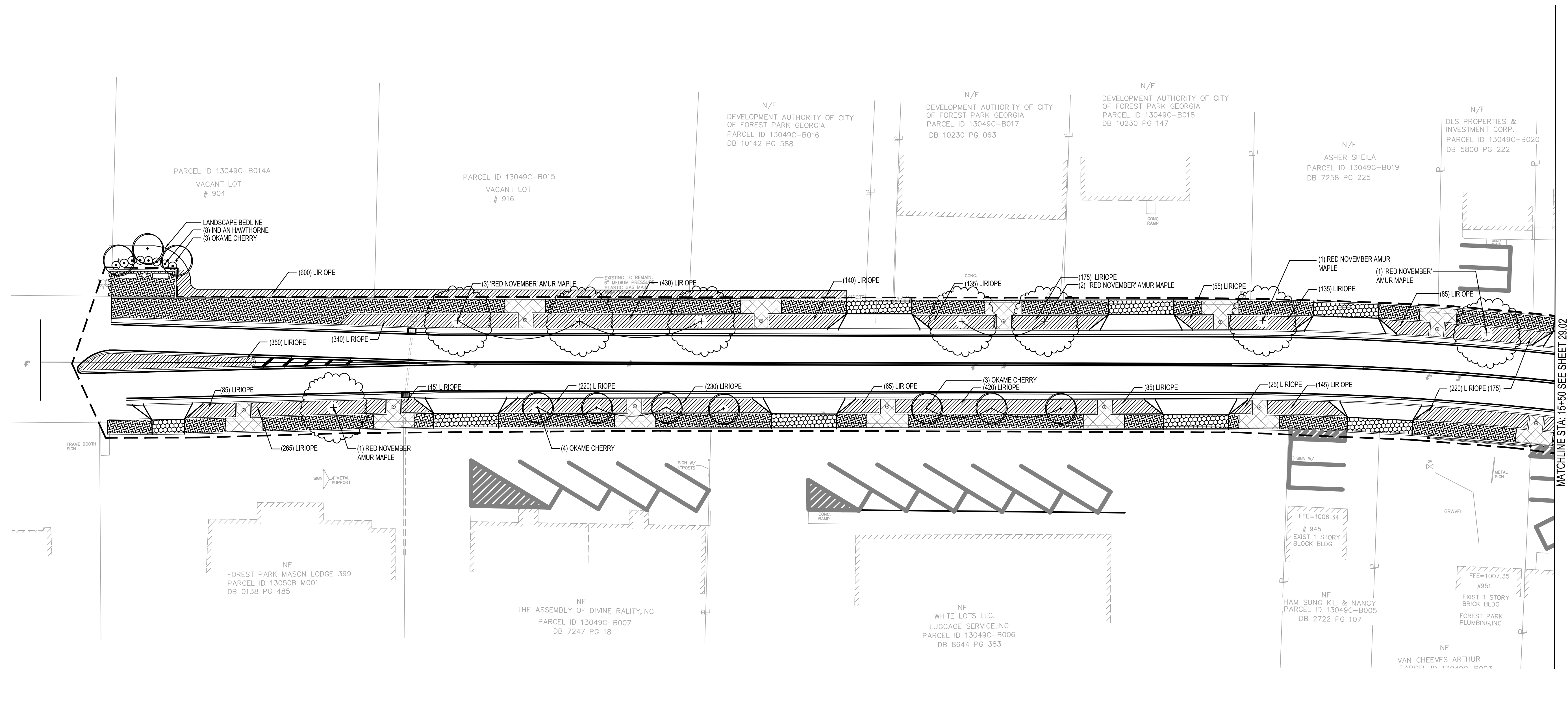
(A)	YELLOW CENTERLINE:	5", SOLID DOUBLE YELLOW (PAINT); GADOT T-11A
(B)	LANE DIVIDER:	5", SOLID WHITE (PAINT); GADOT T-11A
(C)	LANE CROSSING:	5", SKIP WHITE
(D)	STOP BAR:	24", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
(E)	CROSSWALK:	8", SOLID WHITE (THERMOPLASTIC); GADOT T-11A
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(G)	ACCESSIBLE SYMBOL:	WHITE (THERMOPLASTIC)
(H)	ARROW - TYPE 1:	WHITE (THERMOPLASTIC); GADOT T-12B
(I)	ARROW - TYPE 2:	WHITE (THERMOPLASTIC); GADOT T-12A & T-12B
(J)	ARROW - TYPE 3:	WHITE (THERMOPLASTIC); GADOT T-12B
(K)	HATCHING - YELLOW:	DETAIL "A" (YELLOW - PAINT); GADOT T-14
(L)	HATCHING - WHITE:	DETAIL "A" (WHITE - PAINT); GADOT T-14



EASEMENT LEGEND

	REQ'D RW	RIGHT OF WAY ACQUISITION
		EASEMENT FOR CONSTRUCTION OF SLOPES
		EASEMENT FOR DRIVEWAYS
-C-	F-	LIMITS OF CONSTRUCTION

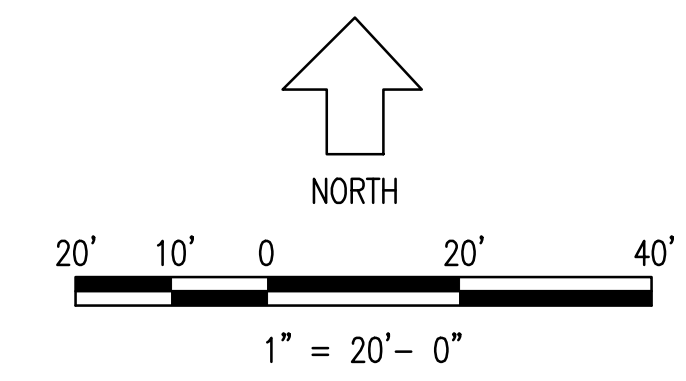
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COUNTY: CLAYTON									
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, NE, International Tower Suite 2100, Atlanta, Georgia 30303-1629 404.577.4000 FAX: 404.577.7179 www.robertandcompany.com									
	REVISION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	REVISION				
NO.	DATE	BY	REVISION						
SPONSOR/CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETScape									
DESIGNED: MMR DRAWING NO.: 2021008.20/1400400 DATE: APRIL 2022 SCALE: AS SHOWN	PHASE 2A SIGNAGE AND MARKING PLANS STA 1+00 - 5+60								
26.04									
SHEET 76 OF 130									



PLANTING NOTES:

- ALL PLANTS SHALL BE HEALTHY, VIGOROUS, FREE OF PESTS AND DISEASE.
- ALL PLANTS SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS SPECIFIED.
- ALL TREES SHALL BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQ. SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES SHALL BE GUYED OR STAKED AS SHOWN FOR A TIME LASTING NO LONGER THAN ONE (1) YEAR.
- ALL PLANTS AND PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR WARRANTY AND MAINTENANCE OF ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZATION, ETC.) DURING THE MAINTENANCE PERIOD SPECIFIED.

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SYMBOL	DATE	BY	REVISION

SEAL

SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

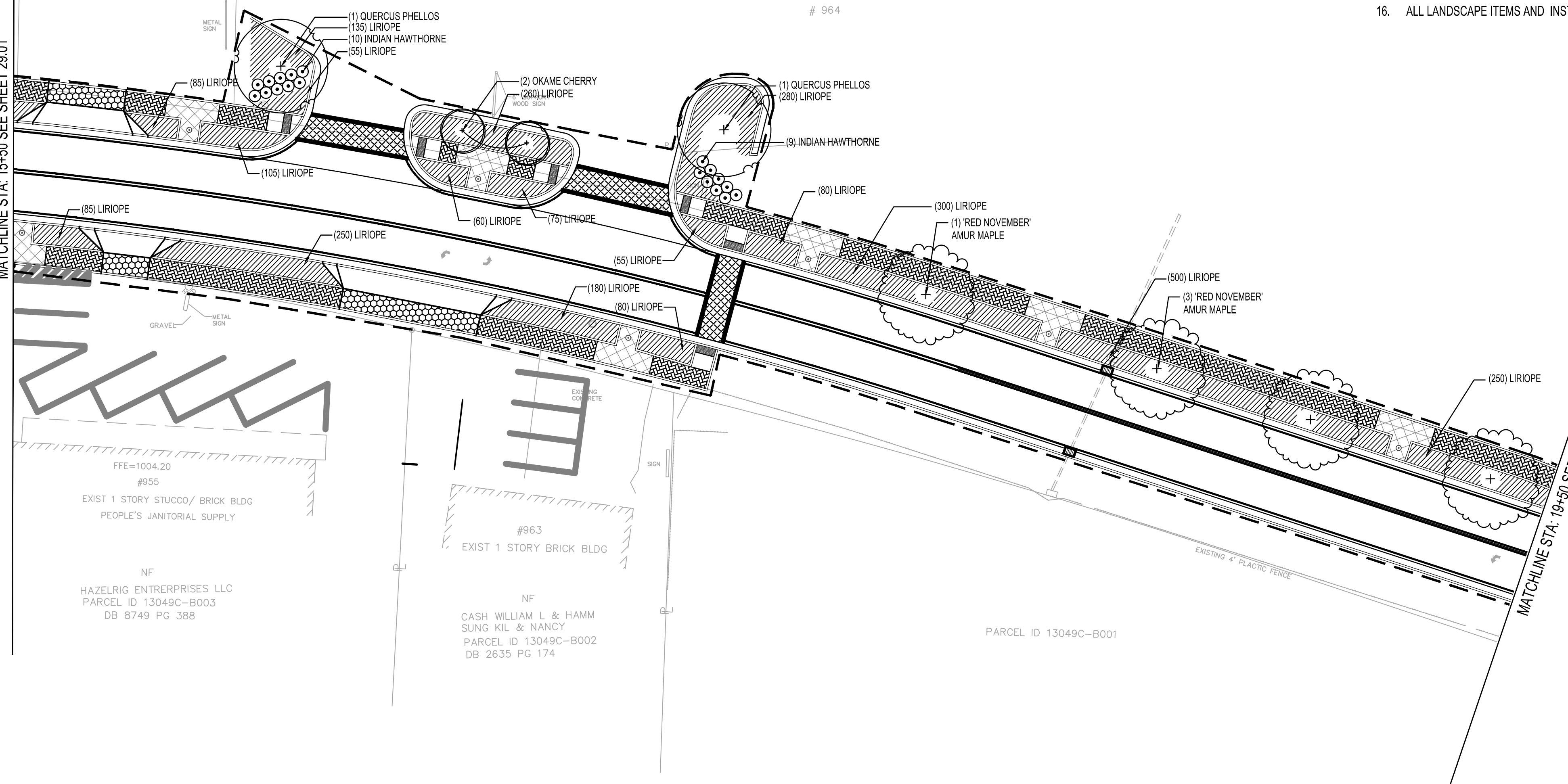
DESIGNED	MMR	PROJECT NO.	2021008.20/1400400
DRAWING TITLE	PHASE 2A LANDSCAPE PLAN STA. 10+00 - 15+50		
CHECKED	MBK	DATE	APRIL 2022
BRAWN	JON	SCALE	AS SHOWN

N/F
**CARTER WILLIAM
 FREDERICK &
 CARTER MARY P**
 CARTER WILLIAM
 FREDERICK & CARTER
 MARY P
 PARCEL ID 13049C-B021
 DB 2527 PG 111

N/F
 FOREST PART SHOPPING CENTER
 PARCEL ID 13049C-B022
 DB 1969 PG 633
 # 964

MATCHLINE STA: 15+50 SEE SHEET 29.01

MATCHLINE STA: 19+50 SEE SHEET 29.03



PLANTING NOTES:

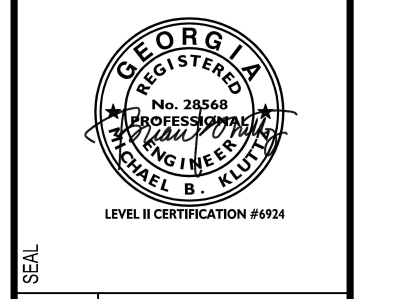
1. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, FREE OF PESTS AND DISEASE.
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PROJECT NO.
 2021008.20/1400400

COUNTY:
 CLAYTON

Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E. International Tower
 Suite 2100, Atlanta, Georgia 30303-1629
 404-571-4000 FAX: 404-571-7179
 www.robertandcompany.com

REVISION	BY	DATE	SYMBOL

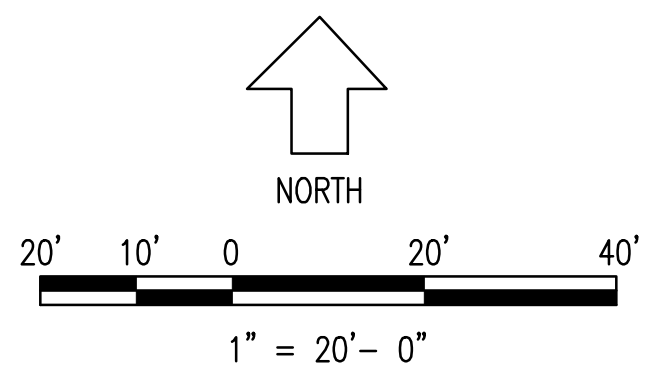


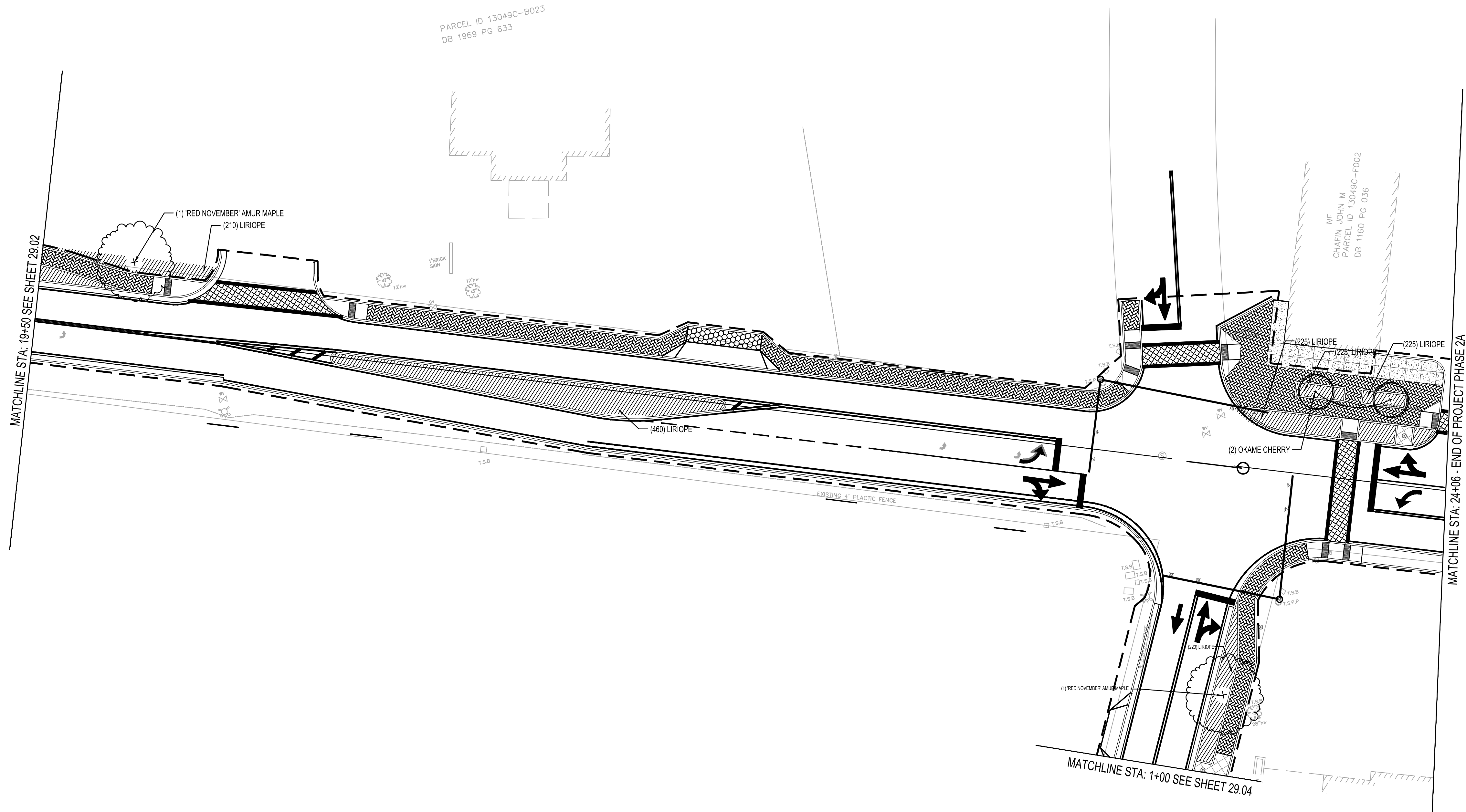
SPONSOR/CIENT
 CITY OF FOREST PARK, GEORGIA
 PROJECT
 FOREST PARK STREETSCAPE

DESIGNED
 MMR
 PROJECT NO.
 2021008.20/1400400
 DRAWING TITLE
 PHASE 2A
 LANDSCAPE PLAN
 STA. 15+50 - 19+50

DRAWING NO.
29.02

SHEET 78 OF 130

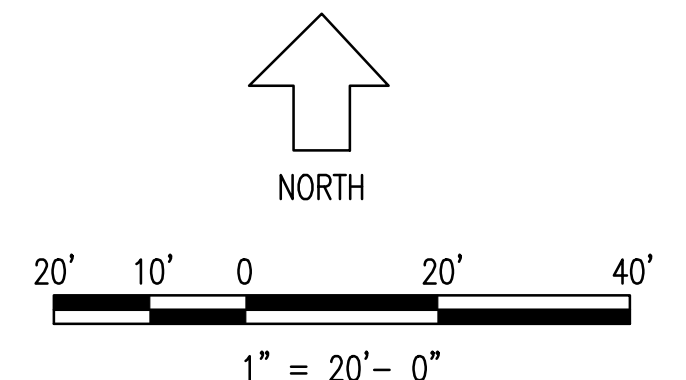




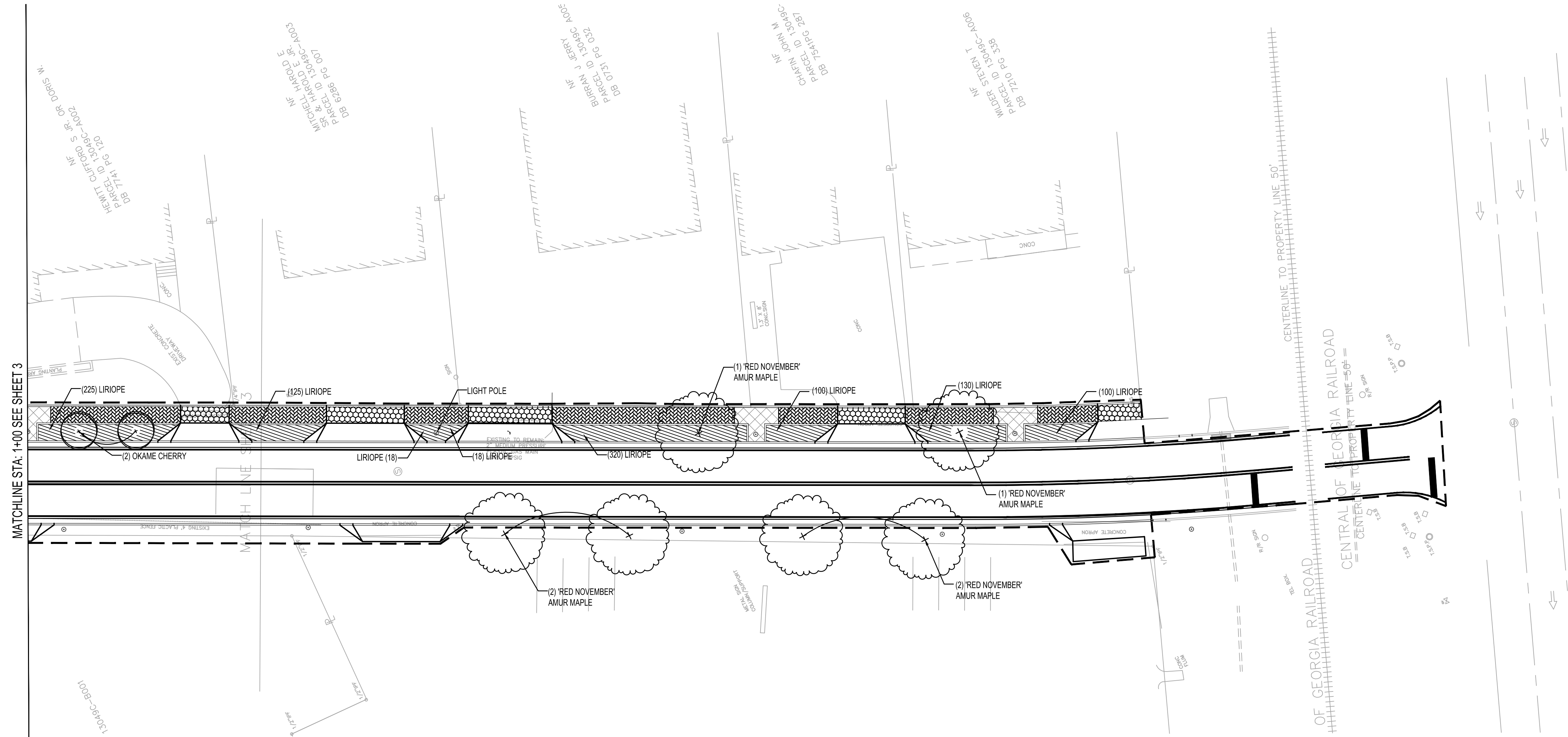
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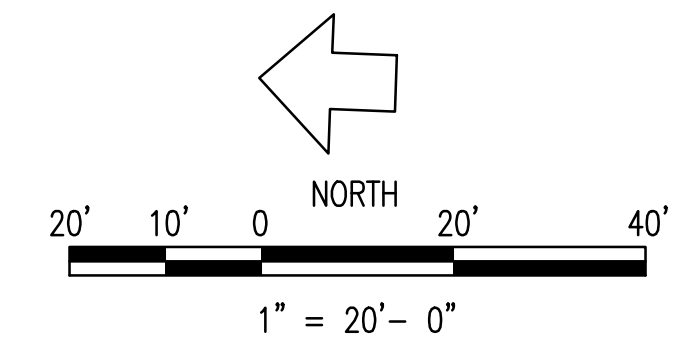
PROJECT NO. 2021008.20/1400400	
COUNTY: CLAYTON	
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404.577.4000 FAX: 404.577.7179 www.robertandcompany.com	
SYMBOL	BY
DATE	DATE
REGION	REGION
SPONSOR/CIENT	CITY OF FOREST PARK, GEORGIA
PROJECT	FOREST PARK STREETSCAPE
DATE	APRIL 2022
CHECKED	MBK
DRAWN	JON
DESIGNED	MMR
PROJECT NO.	2021008.20/1400400
DRAWING TITLE	PHASE 2A LANDSCAPE PLAN STA. 19+50-24+06
DRAWING NO.	29.03
SHEET 79 OF 130	



PLANTING NOTES:

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PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Designers, Planners
229 Peachtree Street, NE, International Tower
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404.577.4000 FAX: 404.577.7179
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NO.	DATE	BY	REVISION

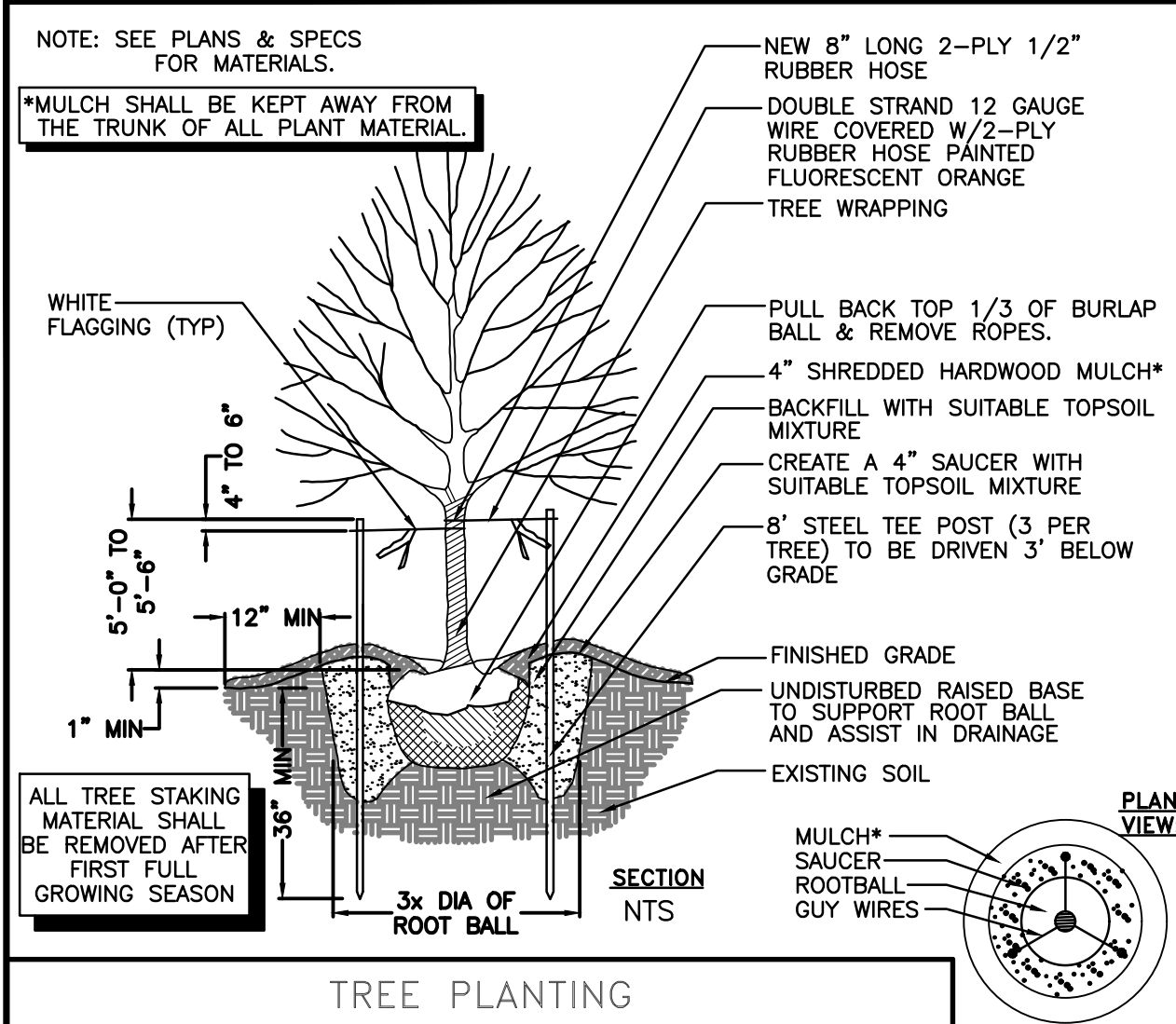


SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA
PROJECT
FOREST PARK STREETSCAPE

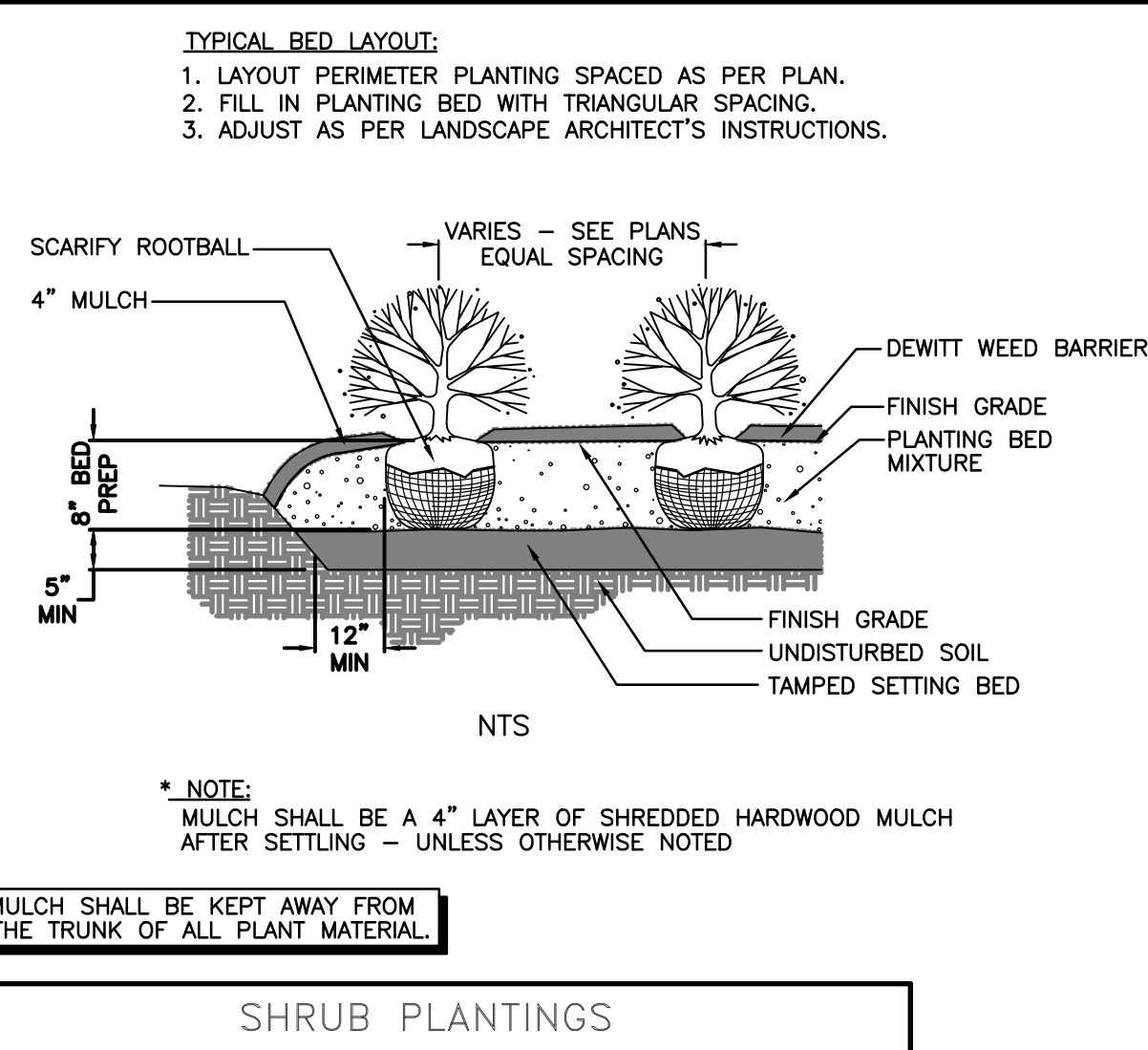
DESIGNED BY
MMR
PROJECT NO.
2021008.20/1400400
DRAWING TITLE
PHASE 2A - PHILLIPS STREET
LANDSCAPE PLAN
STA. 1+00 - END

29.04

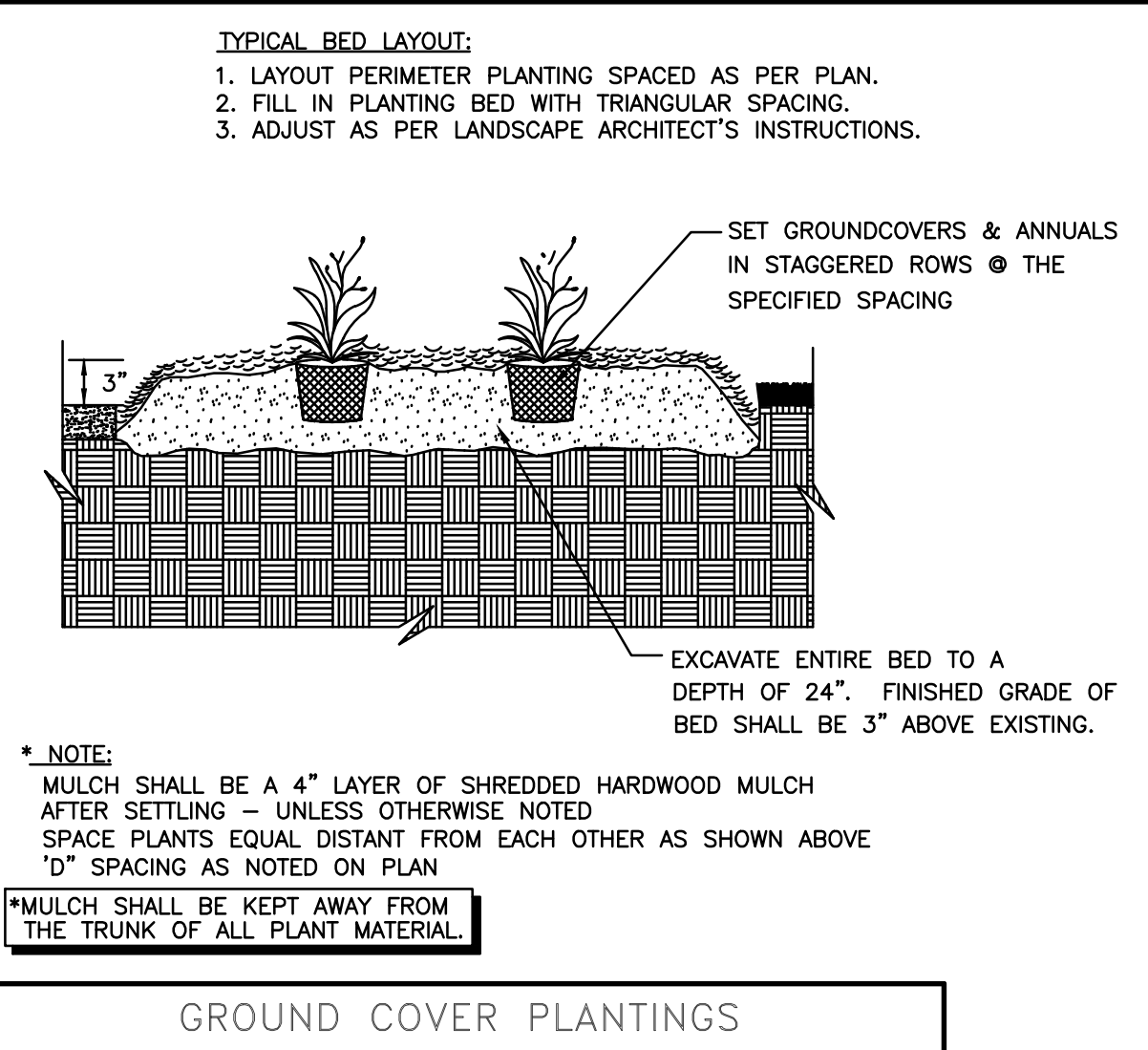
SHEET 80 OF 130



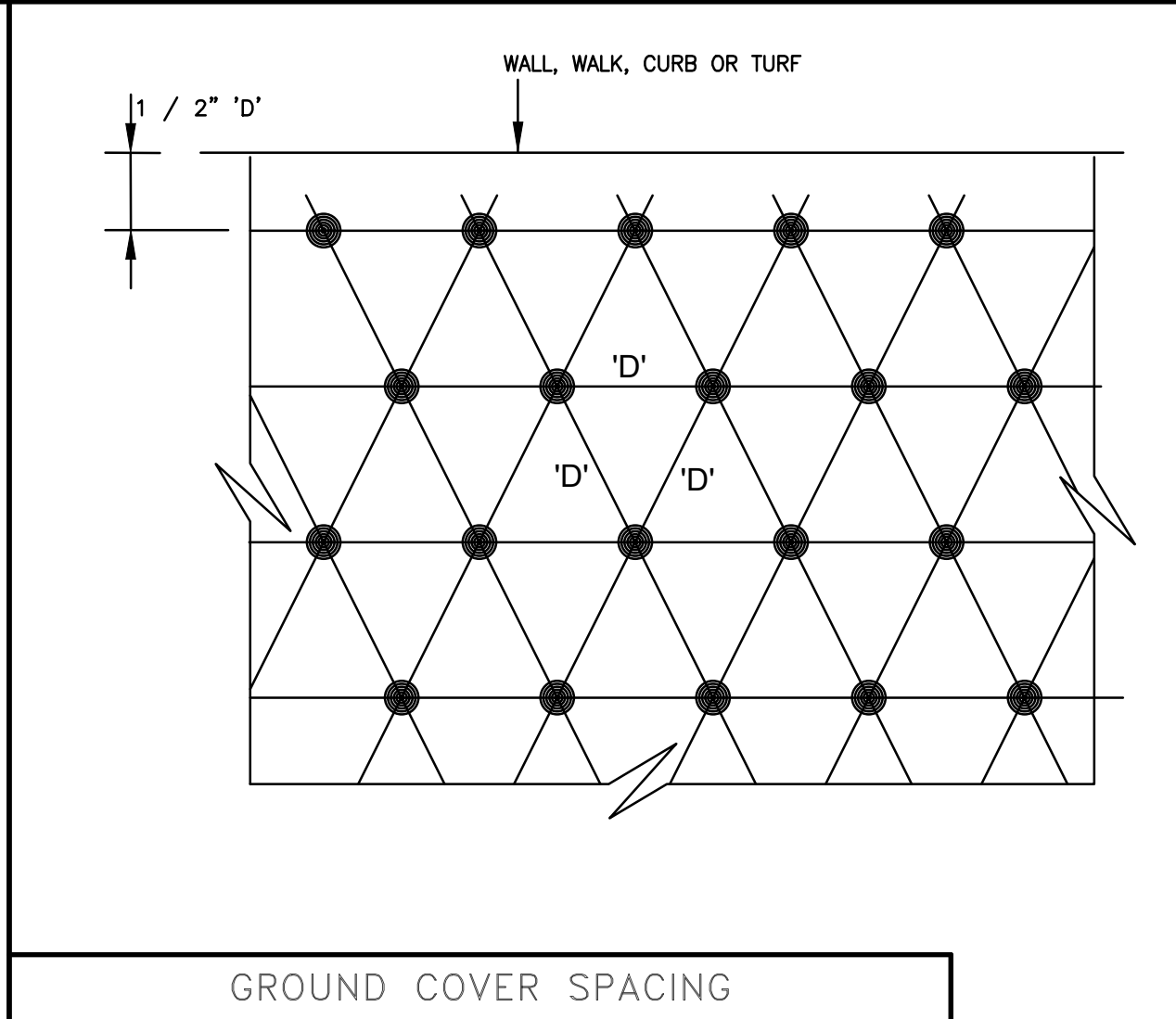
TREE PLANTING



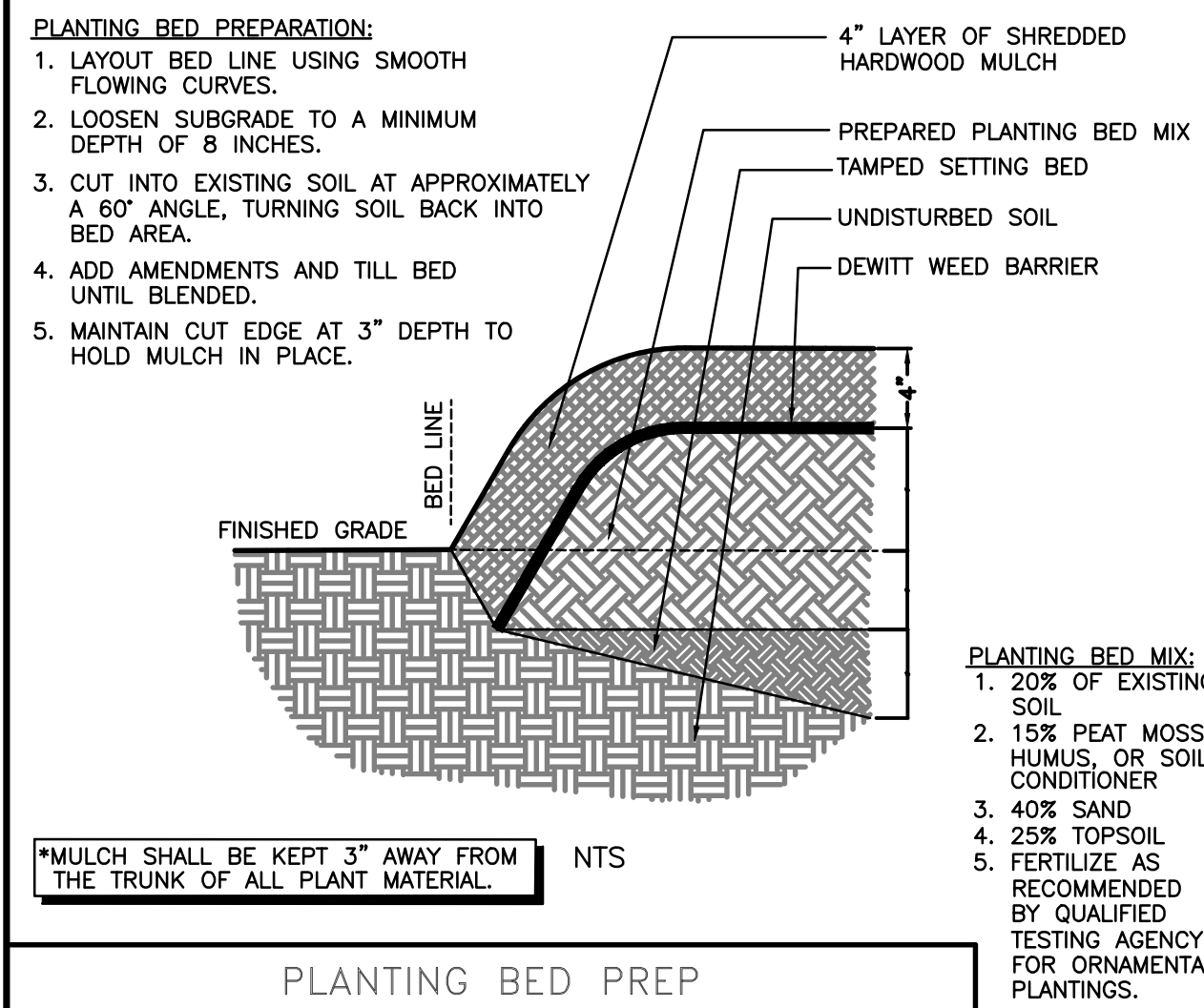
SHRUB PLANTINGS



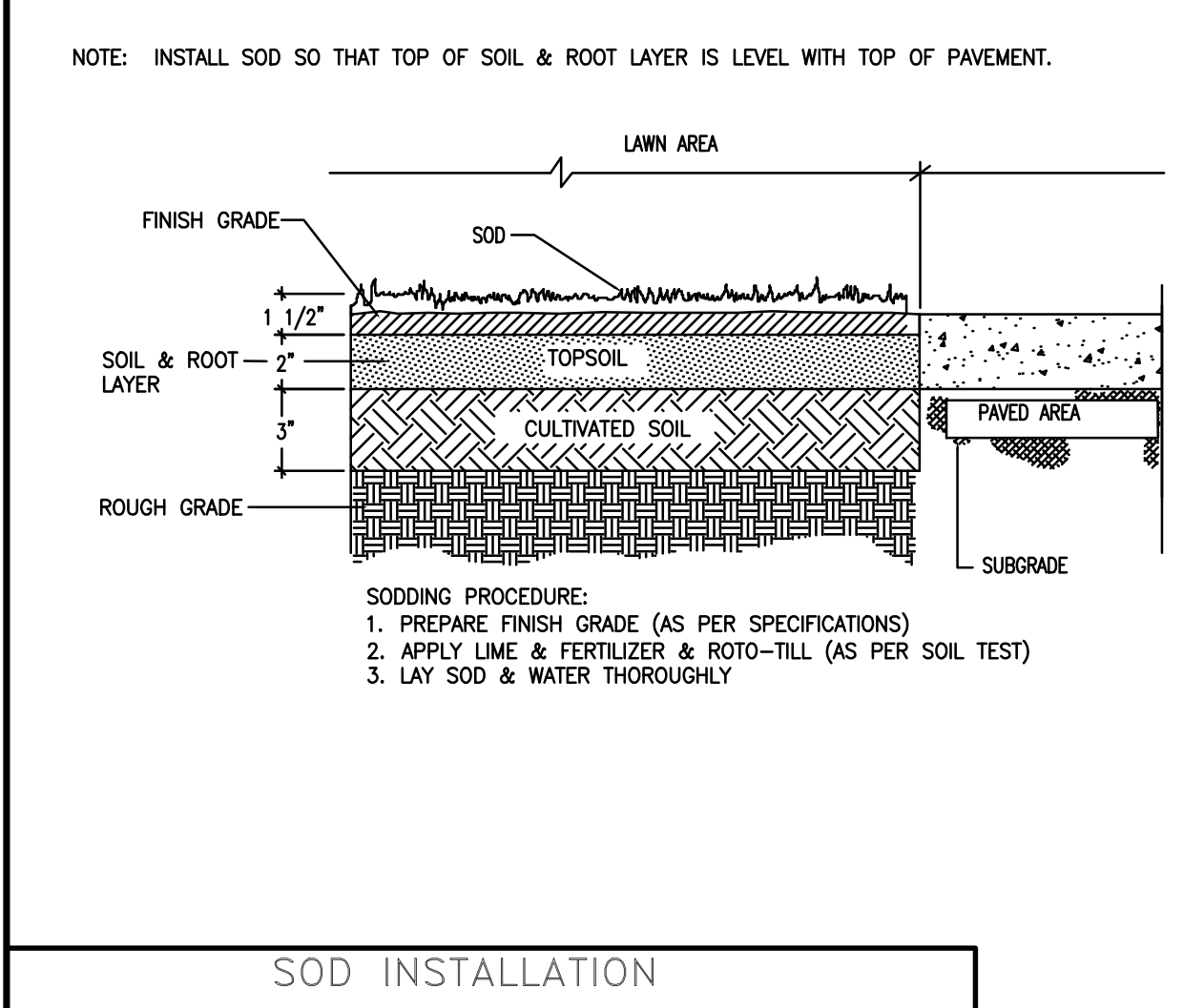
GROUND COVER PLANTINGS



GROUND COVER SPACING



PLANTING BED PREP



SOD INSTALLATION

TREE PROTECTION NOTES:

- THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENTS, STAGING, CONSTRUCTION, VEHICLE USE, BORROW OR WASTE ACTIVITIES, SEDIMENT BASINS, TRAILER PLACEMENT, ETC.) OCCUR UNDER THE DRIP LINE OF EXISTING TREES IN THE RIGHT OF WAY OR DIRECTLY ADJACENT TO THE LIMITS OF DISTURBANCE FOR THE PROJECT. THIS DOES NOT APPLY TO TREES WITHIN THE CONSTRUCTION LIMITS OR LIMITS OF DISTURBANCE THAT WILL BE REMOVED OR DESTROYED TO ALLOW FOR CONSTRUCTION.
- ORANGE BARRIER FENCING SHALL BE PLACED AROUND EACH TREE WITHIN THE LIMITS OF DISTURBANCE AS INDICATED IN THE DEMOLITION PLANS (10 SERIES), MAINLINE ROADWAY PLANS (13 SERIES), AND LANDSCAPE PLANS (29 SERIES). TRUNK PROTECTIVE COVERINGS SHALL BE REQUIRED AT SELECT TREE LOCATIONS.
- REFERENCE SPECIAL PROVISION 107.23.H. FOR ADDITIONAL INSTRUCTIONS REGARDING THE PROTECTION OF HISTORIC TREES AS IDENTIFIED IN THE ENVIRONMENTAL DOCUMENTATION.

SHADE AND FLOWERING TREES

MEASURED 6" ABOVE GRADE	SHADE AND FLOWERING TREES		MINIMUM DIAMETER BALL	BALL DEPTH
	HEIGHT TYPE 1	HEIGHT TYPE 2		
1"	8'-10'	6'-7'	16"	12"
1'-1/2"	10'-12'	8'-9'	20"	15"
2"	12'-14'	8'-10'	24"	16"
2'-1/2"	12'-14'	8'-10'	28"	18"
3"	14'-16'	10'-12'	32"	19"
3'-1/2"	14'-16'	10'-12'	38"	23"
4"	16'-18'	10'-12'	42"	25"
4'-1/2"	16'-18'	10'-12'	48"	29"
5"	18'+	12'+	54"	32"
5'-1/2"	18'+	12'+	57"	34"
6"	20'+	14'+	60"	36"
7"	24'+	16'+	70"	42"
8"	26'+	18'+	80"	48"

MEASURED 12" ABOVE GRADE

HEIGHT	MINIMUM DIAMETER BALL	BALL DEPTH
1"	16"	12"
1'-1/2"	20"	15"
2"	24"	16"
2'-1/2"	28"	18"
3"	32"	19"
3'-1/2"	38"	23"
4"	42"	25"
4'-1/2"	48"	29"
5"	54"	32"
5'-1/2"	57"	34"
6"	60"	36"
7"	70"	42"
8"	80"	48"

TYPE 1 (LARGE SHADE TREES)

ACER RUBRUM	PLATANUS SPP
ACER SACCHARUM	QUERCUS SPP
BETULA SPP	TAXODIUM SPP
GINKGO SPP	QUERCUS ALBA
GLEDITSIA SPP	ZELKOVA SPP

TYPE 2 (MEDIUM/SLOW SHADE TREES)

AESCULUS SPP	MAGNOLIA GRANDIFLORA
CELTIS SPP	NYSSA SPP
CLADRASTIS LUTEA	OLEA EUROPA
FAGUS SYLVATICA	QUERCUS ALBA
KOELREUTERIA SPP	SORBUS SPP
LABURNUM SPP	TILIA CORDATA
LIQUIDAMBAR SPP	ULMUS PARVIFOLIA

TYPE 3 (SMALL UPRIGHT TREES)

ACER CAMPESTRE	MAGNOLIA VIRGINIANA
AMELANCHIER SPP	PRUNUS SPP
CARPINUS SPP	PYRUS SPP
CERCIS SPP	STYRAX SPP
CRATAEGUS SPP	SYRINGA RETICULATA
OXYDENDRUM SPP	

TYPE 4 (SMALL SPREADING TREES)

ACER PALMATUM
ACER GRISEUM
CORNUS SPP
LAGERSTROMIA SPP
MAGNOLIA SOULANGIANA
MAGNOLIA STELLATA
VITEX SPP

ALL MINIMUM SIZES LISTED IN PLANT SCHEDULE SHALL BE MET: CALIPER, HEIGHT, AND ROOT BALL

SOURCE: AMERICAN STANDARD FOR NURSERY STOCK CALIPER TAKES PRECEDENCE OVER HEIGHT FOR TYPE 1 SHADE TREES. BOTH MINIMUMS MUST BE MET.

TREE SIZE/ROOT BALL RELATIONSHIP

PHASE I PLANT SCHEDULE

TREES

	BOTANICAL NAME	COMMON NAME	QNTY	SIZE	SPACING	COMMENTS
	ACER GINNALA 'RED NOVEMBER'	AMUR MAPLE 'RED NOVEMBER'	20	3" CAL.	SEE PLANS	B & B OR CONTAINER, FULL, MATCHING TREE STANDARDS
	QUERCUS PHELLOS	WILLOW OAK	2	3" CAL.	SEE PLANS	B & B OR CONTAINER, FULL, MATCHING TREE STANDARDS
	PRUNUS X INCAMP OKAME	OKAME CHERRY	16	2-1/2" CAL.	SEE PLANS	B & B OR CONTAINER, FULL, MATCHING TREE STANDARDS

SHRUBS

RD	RHAPHIOLEPIS x DELACOURII 'GEORGIA PETITE'	GEORGIA PETITE INDIAN HAWTHORN	27	3 GALLON	3'-0" O.C.
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GROUND COVER

LS	LIRIOPE SPICATA	CREeping LIRIOPE	10,386	4" POTS	12" O.C.
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TURF GRASSES

	CYNODON DACTYLON TIFWAY 419	TIFWAY 419 BERMUDA	7325 SF	SOD	SEE PLANS	VERIFY SPECIES (MATCH EXISTING)
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PLANTING NOTES:

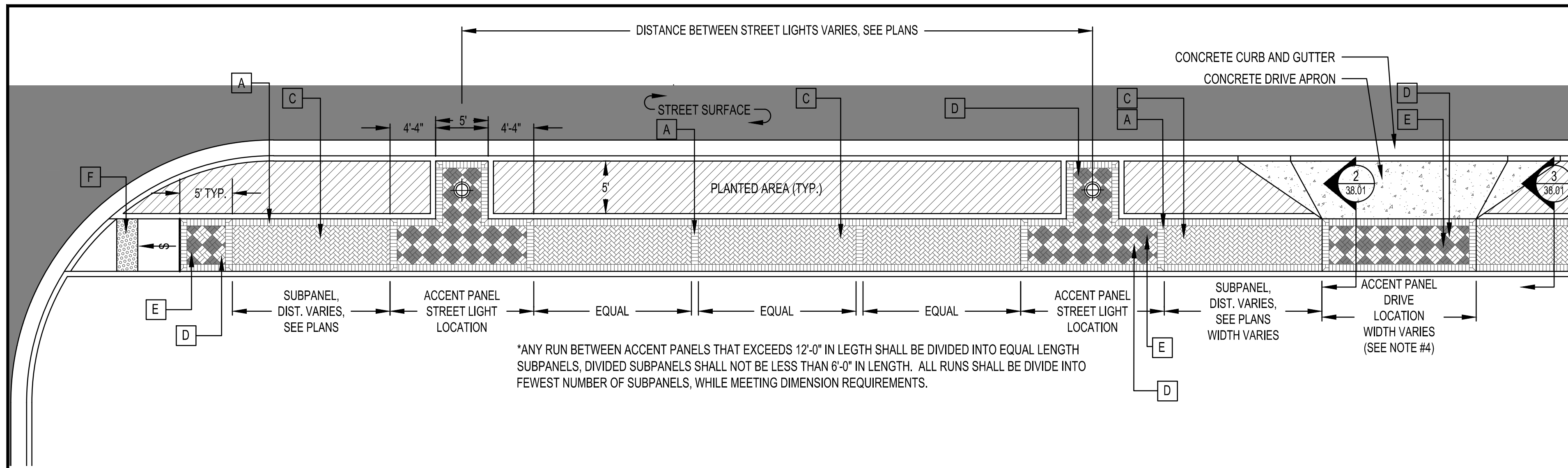
- ALL PLANTS SHALL BE HEALTHY, VIGOROUS, FREE OF PESTS AND DISEASE.
- ALL PLANTS SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS SPECIFIED.
- ALL TREES SHALL BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQ. SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES SHALL BE GUYED OR STAKED AS SHOWN FOR A TIME LASTING NO LONGER THAN ONE (1) YEAR.
- ALL PLANTS AND PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR WARRANTY AND MAINTENANCE OF ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZATION, ETC.) DURING THE MAINTENANCE PERIOD SPECIFIED.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF GUARANTEE PERIOD.
- THE CONTRACTOR AGREES TO PERFORM ALL LANDSCAPE MAINTENANCE (INCLUDING WATERING) THROUGHOUT THE ONE YEAR GUARANTEE PERIOD UNLESS OTHERWISE DETERMINED.
- THE LANDSCAPE ARCHITECT SHALL APPROVE THE STAKED LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
- AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
- ANY PLANT MATERIAL THAT DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL SPECIFICATIONS.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL LANDSCAPE ITEMS AND INSTALLATION SHALL FOLLOW GDOT SPECIAL PROVISIONS 700 AND 702.

NO.	DATE	BY	SYMBOL	REVISION

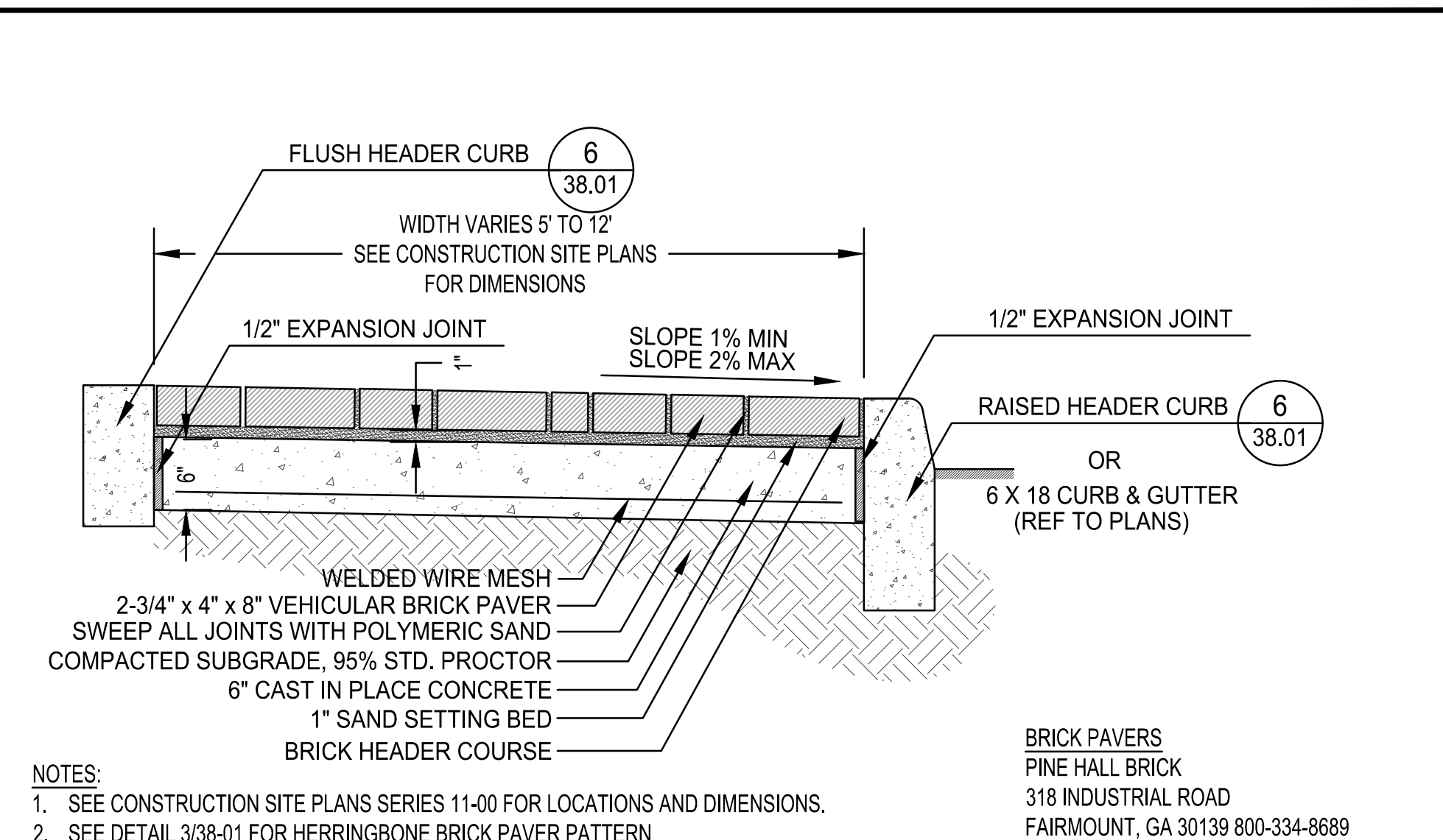


SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETScape
SCALE AS SHOWN
DRAWING TITLE PHASE 2A LANDSCAPE DETAILS

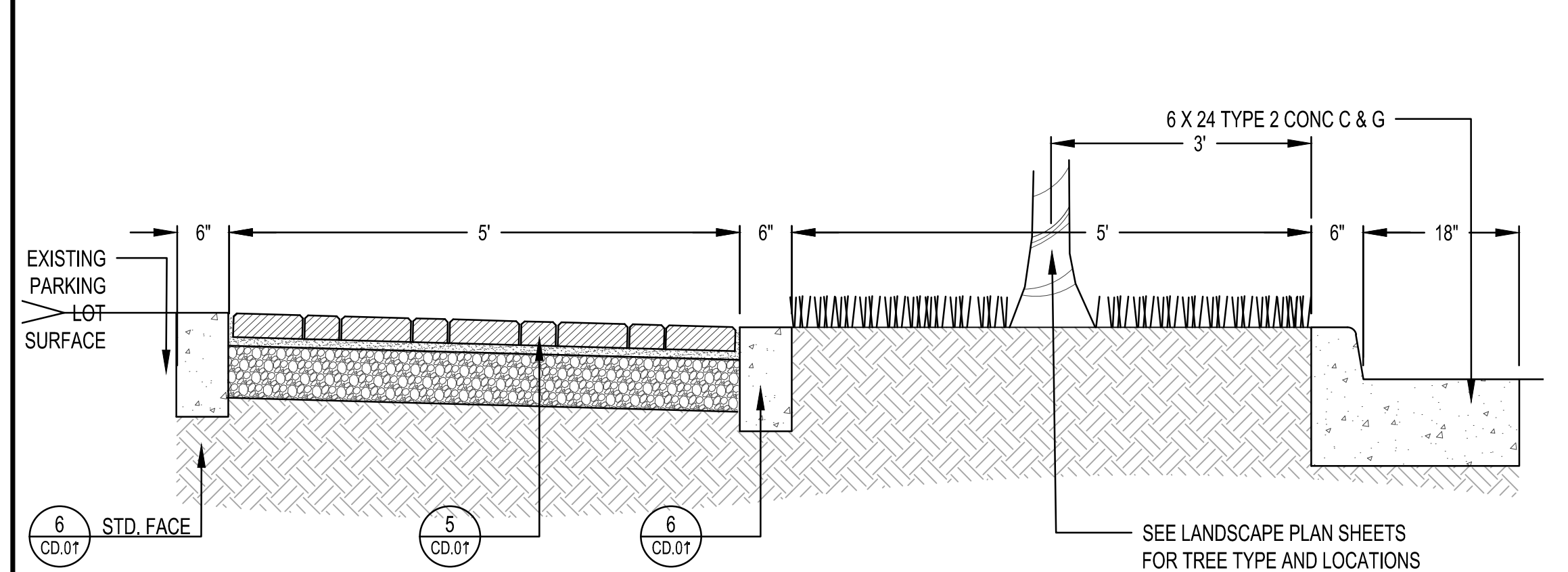
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CHECKED MMR
DESIGNED MMR
PROJECT NO. 2021008.20/1400400
DRAWING NO. 29.05



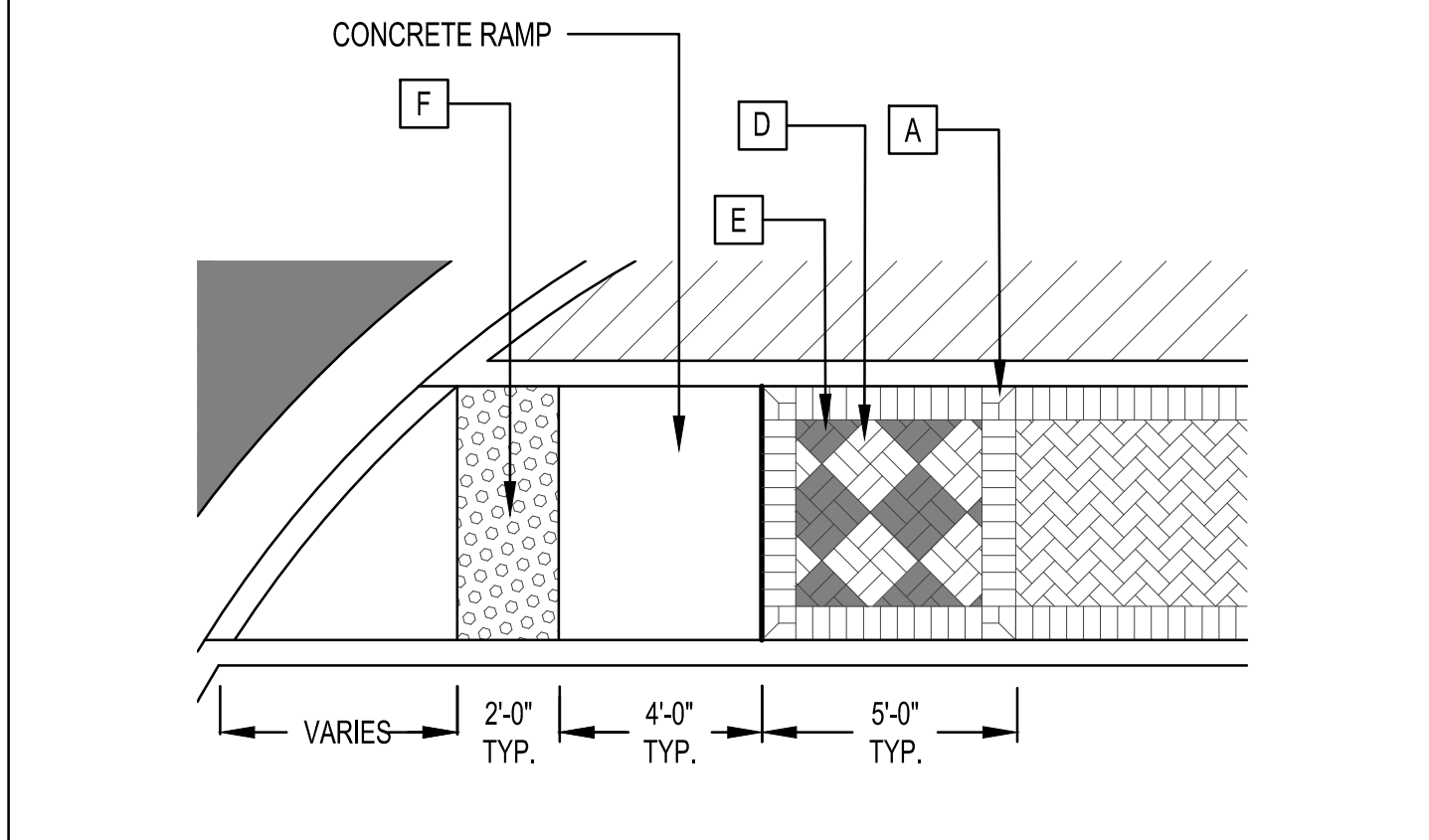
1 TYPICAL SIDEWALK PAVER PATTERN
38.01 NTS



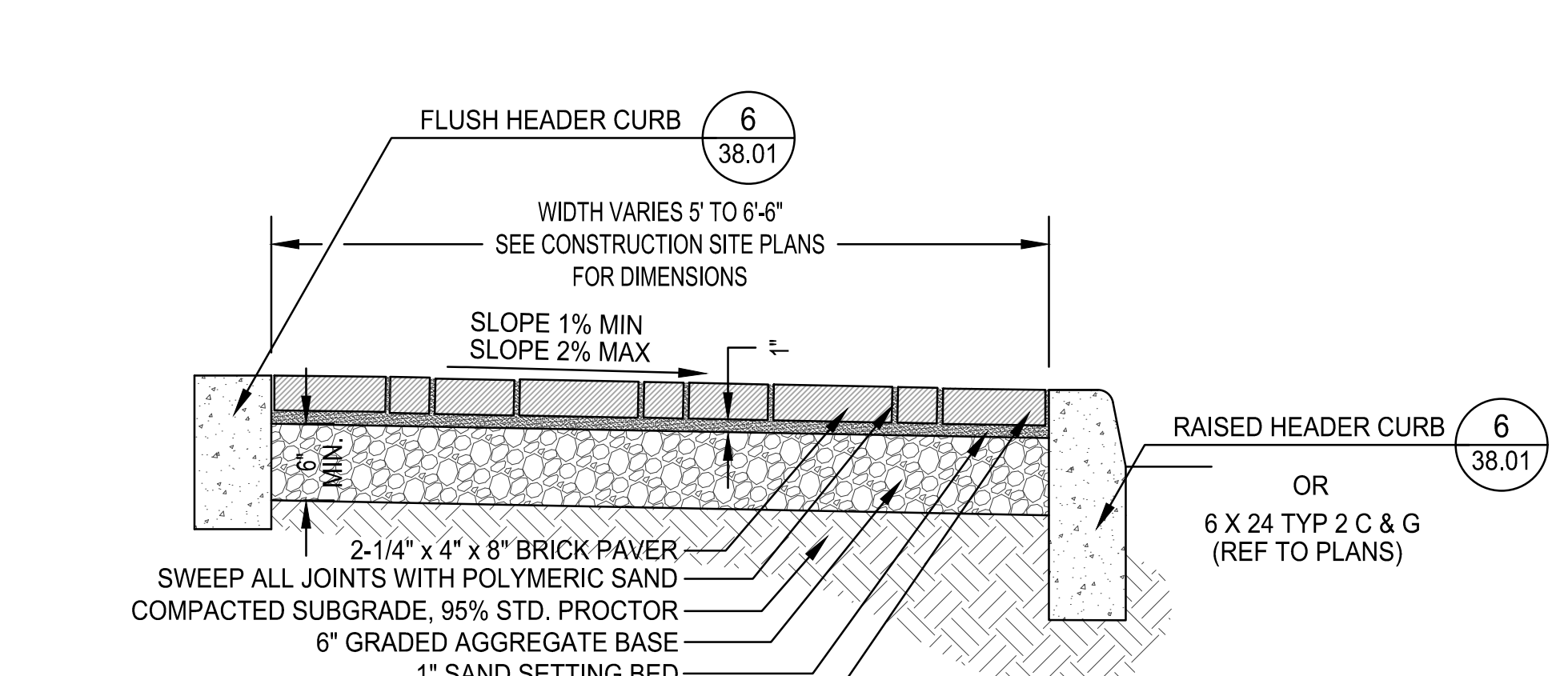
2 BRICK PAVER SIDEWALK w/ CONCRETE BASE SECTION (PEDESTRIAN), TYP.
38.01 NTS



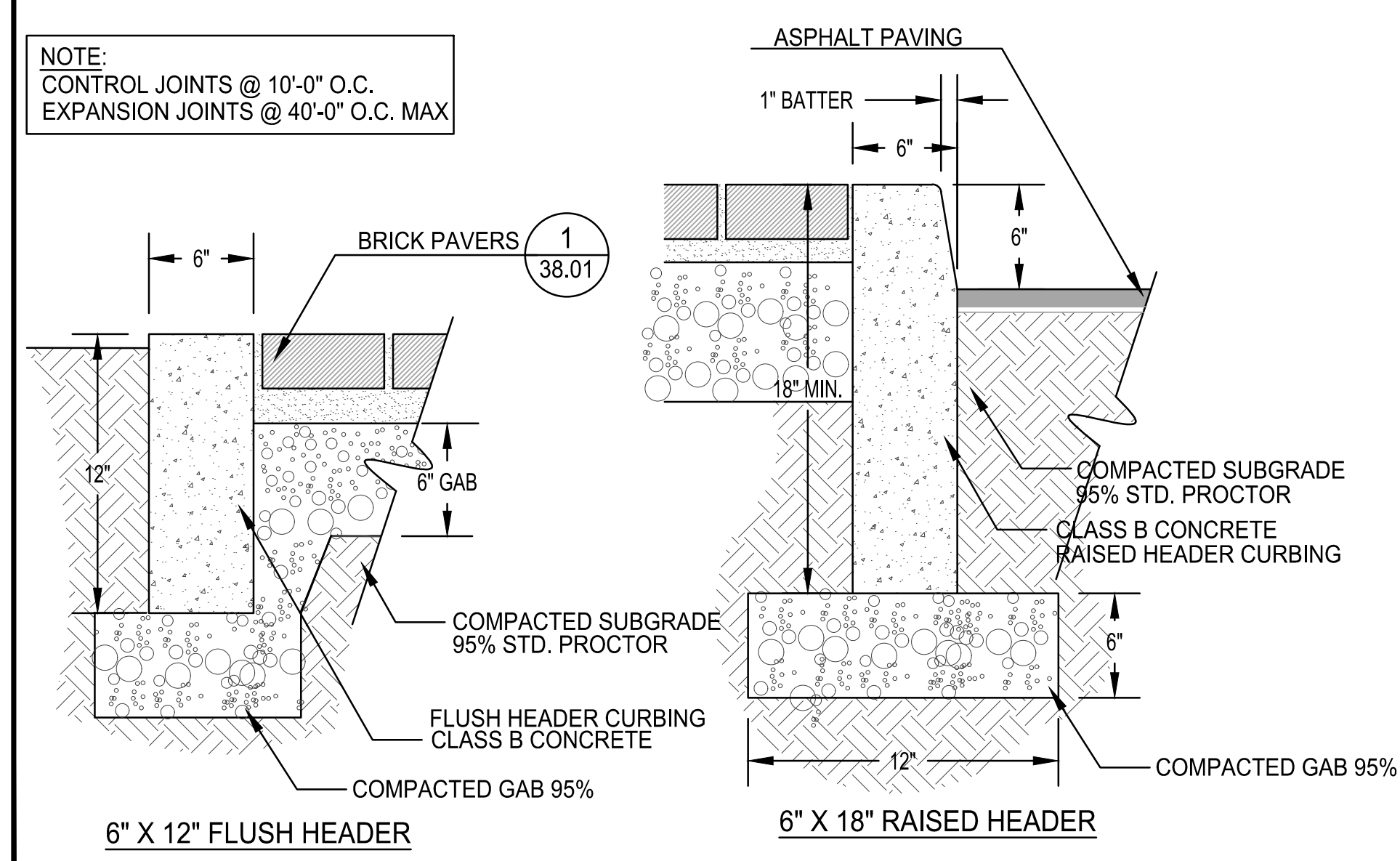
3 BRICK PAVER SIDEWALK SECTION (PEDESTRIAN), TYP.
38.01 NTS



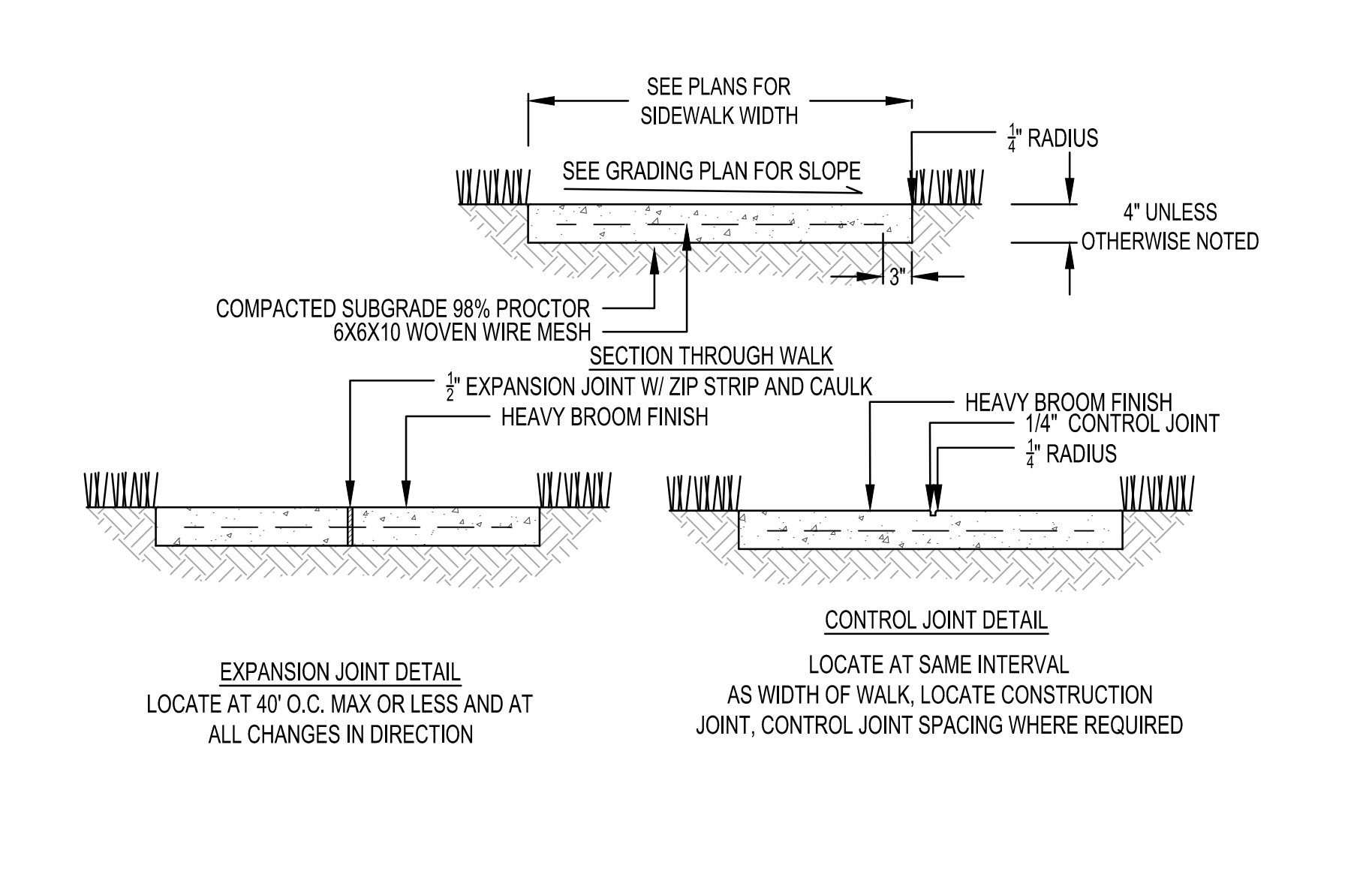
4 GA DOT DETAIL A3-CURB, ADA RAMP AND PAVER PATTERN TYPE A (MODIFIED)
38.01 NTS



5 BRICK PAVER SIDEWALK SECTION (PEDESTRIAN), TYP.
38.01 NTS



6 CONCRETE CURBS TYP.
38.01 NTS



7 CONCRETE SIDEWALK AND JOINTS
38.01 NTS

- WALKWAY PAVING LEGEND & NOTES**
- CLAY BRICK PAVERS BY PINE HALL BRICK (OR APPROVED EQUAL) CONTACT: GEORGIA MASONRY SUPPLY - (478) 781-3409
 - SUBMIT SAMPLES OF EACH SHAPE SIZE, COLOR, AND BLEND FOR APPROVAL PRIOR TO ORDERING PAVERS.
 - FOR PERIMETER AND OUTLINE HEADER BANDING, PROVIDE JOINTING AND MITRED INTERSECTIONS AS SHOWN.
 - IMPORTANT NOTE: HEADER BANDING AND PAVERS WITHIN ACCENT PANELS LOCATED AT ALL DRIVE APRONS AND ALL SIDEWALK PANELS LOCATED DIRECTLY ADJACENT TO A PARKING LOT AISLE OR PARKING STALL SHALL BE 2 3/4" THICK (HEAVY VEHICULAR RATED) PAVERS. ALL OTHER SIDEWALK PAVERS SHALL BE 2 1/4" THICK STANDARD PEDESTRIAN RATED PAVERS.
 - PLEASE NOTE: SIZES ARE NOMINAL, VERIFY ACTUAL SIZES WITH PAVER SAMPLES.
 - ALL INDIVIDUAL PAVER FIELDS SHALL ORIGINATE AT THE INTERSECTION OF THE TWO CENTERLINES OF THE PANEL. WITH THE PAVERS SET @ 45 DEGREE TO THE CONC. CONTAINMENT HEADER CURBING AND/OR PANEL CENTERLINES (UNLESS OTHERWISE NOTED ON THE PLANS).
- A SINGLE ENGLISH EDGE HEADER BAND, TYP. PAVER COLOR: COURTYARD SIESTA, TO MATCH EXISTING.
- B DOUBLE ENGLISH EDGE HEADER BAND, TYP. PAVER COLOR: COURTYARD SIESTA, TO MATCH EXISTING.
- C ENGLISH EDGE PAVERS SET IN HERRINGBONE PATTERN. PAVER COLOR: GEORGIAN EDGE RED, TO MATCH EXISTING.
- D ENGLISH EDGE PAVERS SET IN BASKETWEAVE PATTERN WITHIN ACCENT PANEL. ORIGINATE W/ COMMON CORNERS OF OPPOSING COLOR SECTIONS, PAVER COLORS: COURTYARD RED TO MATCH EXISTING.
- E ENGLISH EDGE PAVERS SET IN BASKETWEAVE PATTERN WITHIN ACCENT PANEL. ORIGINATE W/ COMMON CORNERS OF OPPOSING COLOR SECTIONS, PAVER COLORS: COURTYARD BEALE STREET TO MATCH EXISTING.
- F ADA TRUNCATED DOME PAVER (8" x 4" x 2 3/4") SET IN RUNNING BOND PATTERN. DOMES SHALL RUN PARALLEL & PERPENDICULAR TO CONTAINMENT EDGES. PAVER COLOR: RED TO MATCH EXISTING.

8 BRICK PAVER SIDEWALK NOTES
38.01 NTS

PROJECT NO. 2021008.20/1400400
COUNTY: CLAYTON

Robert and Company
Engineers, Designers, Planners
229 Peachtree Street, N.E. International Tower
Suite 2100, Atlanta, Georgia 30303-1629
404-571-4400 FAX: 404-571-7179
www.robertandcompany.com

REVISION	BY	DATE	SYMBOL

SEAL: GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 28548

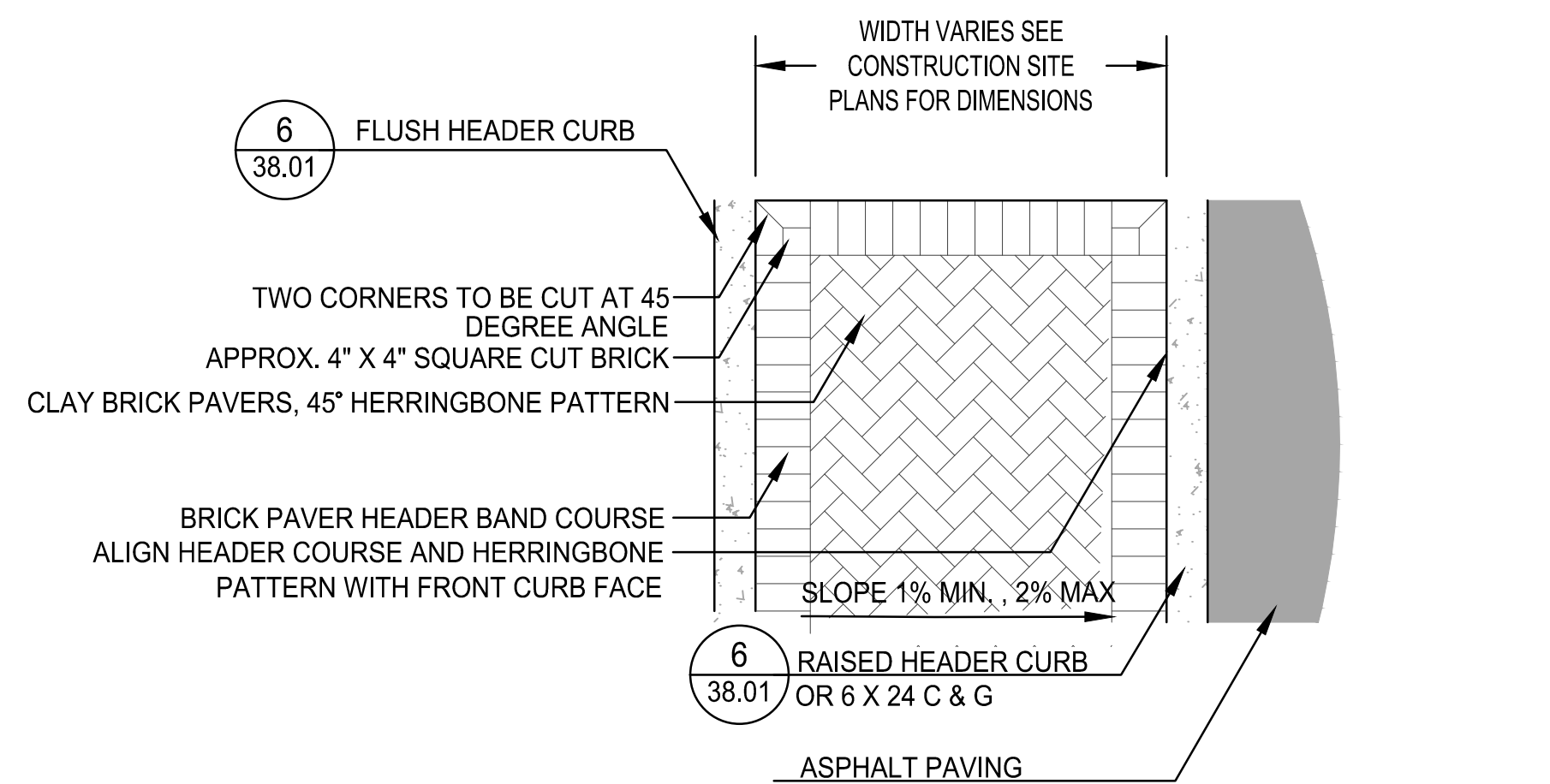
SPONSOR/CITY: CITY OF FOREST PARK, GEORGIA
PROJECT: FOREST PARK STREETSCAPE

DATE: APRIL 2022
SCALE: AS SHOWN
DRAWING TITLE: PHASE 2A CONSTRUCTION DETAILS

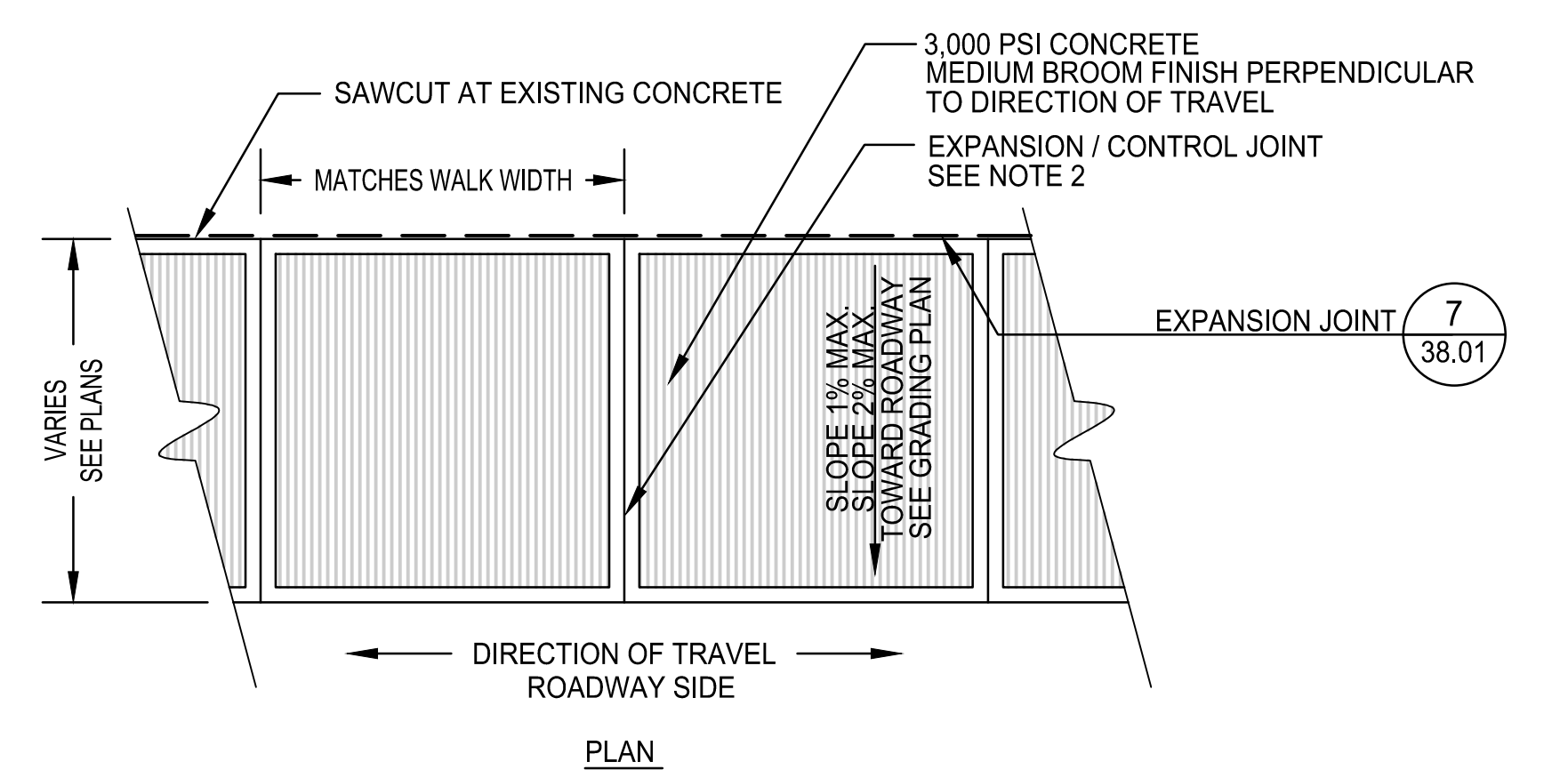
DRAWING NO. 2021008.20/1400400

38.01

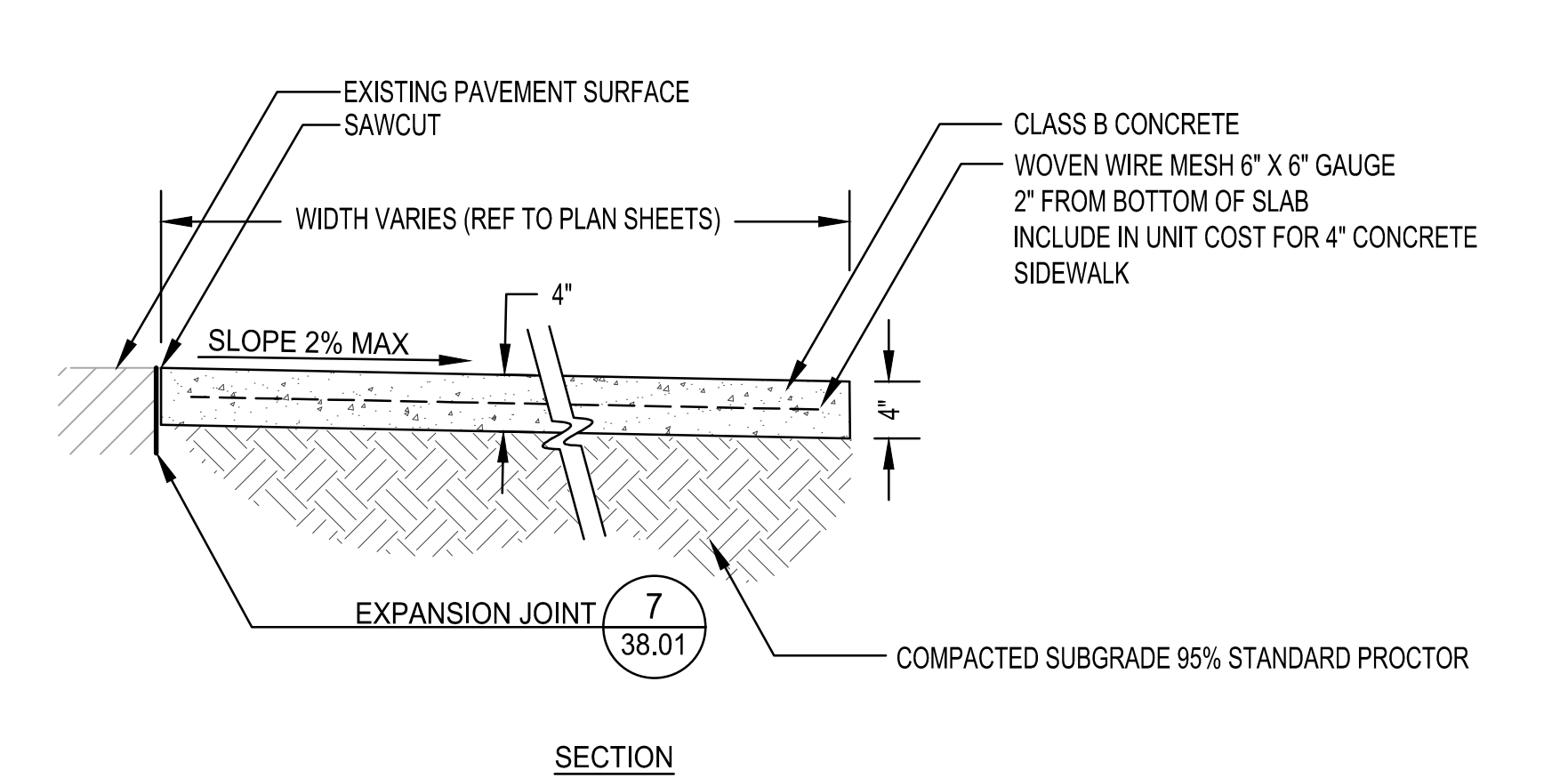
SHEET 82 OF 130



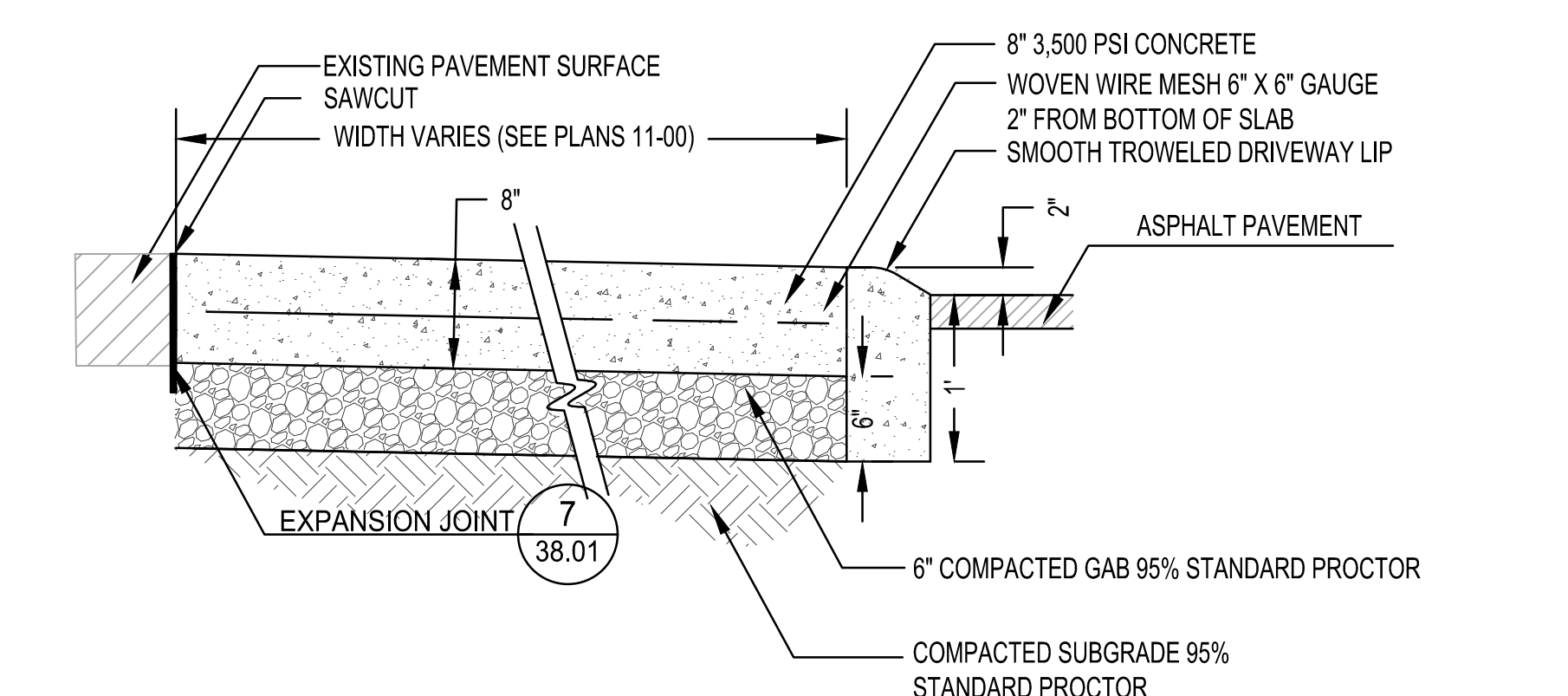
1 BRICK PAVER PATTERN TYP.
NTS



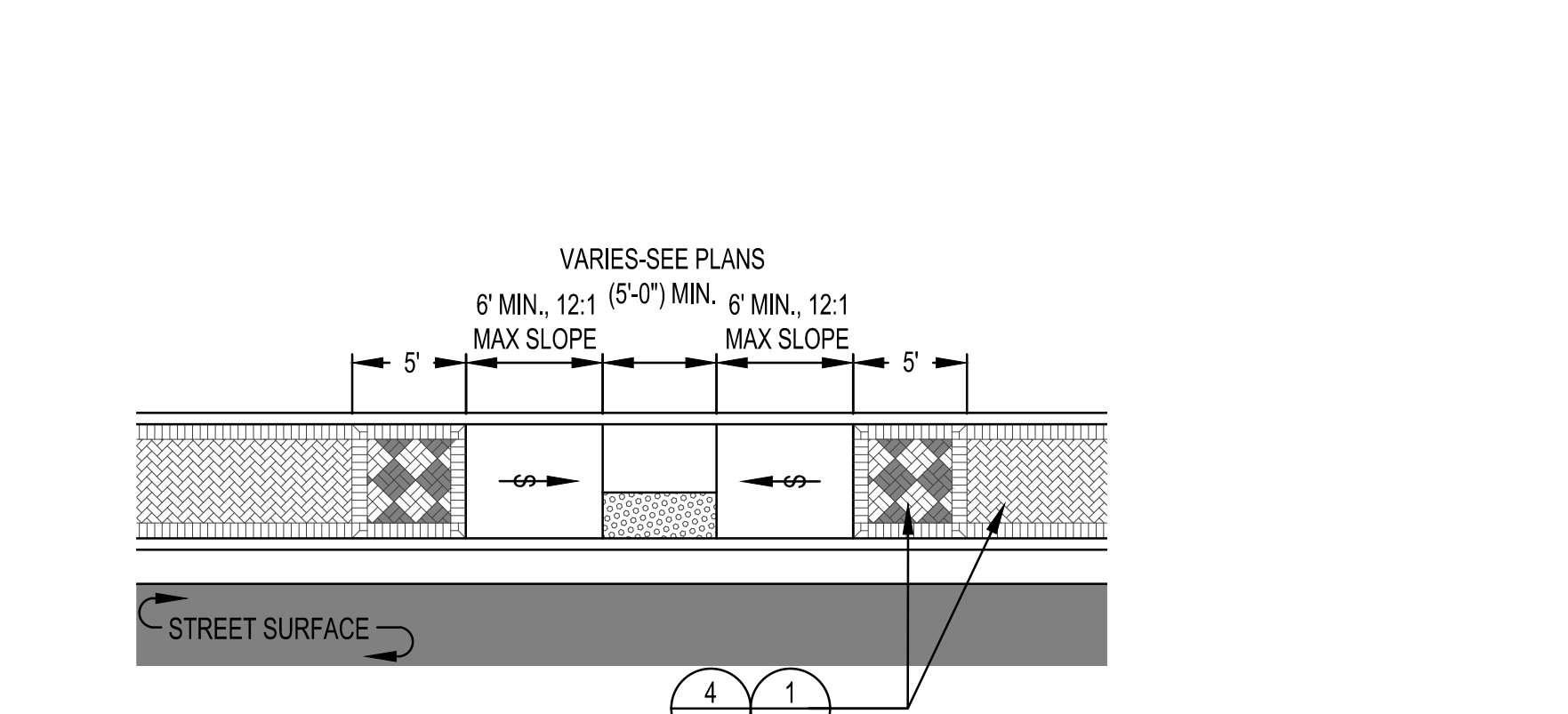
2 CONCRETE SIDEWALK - PLAN
NTS



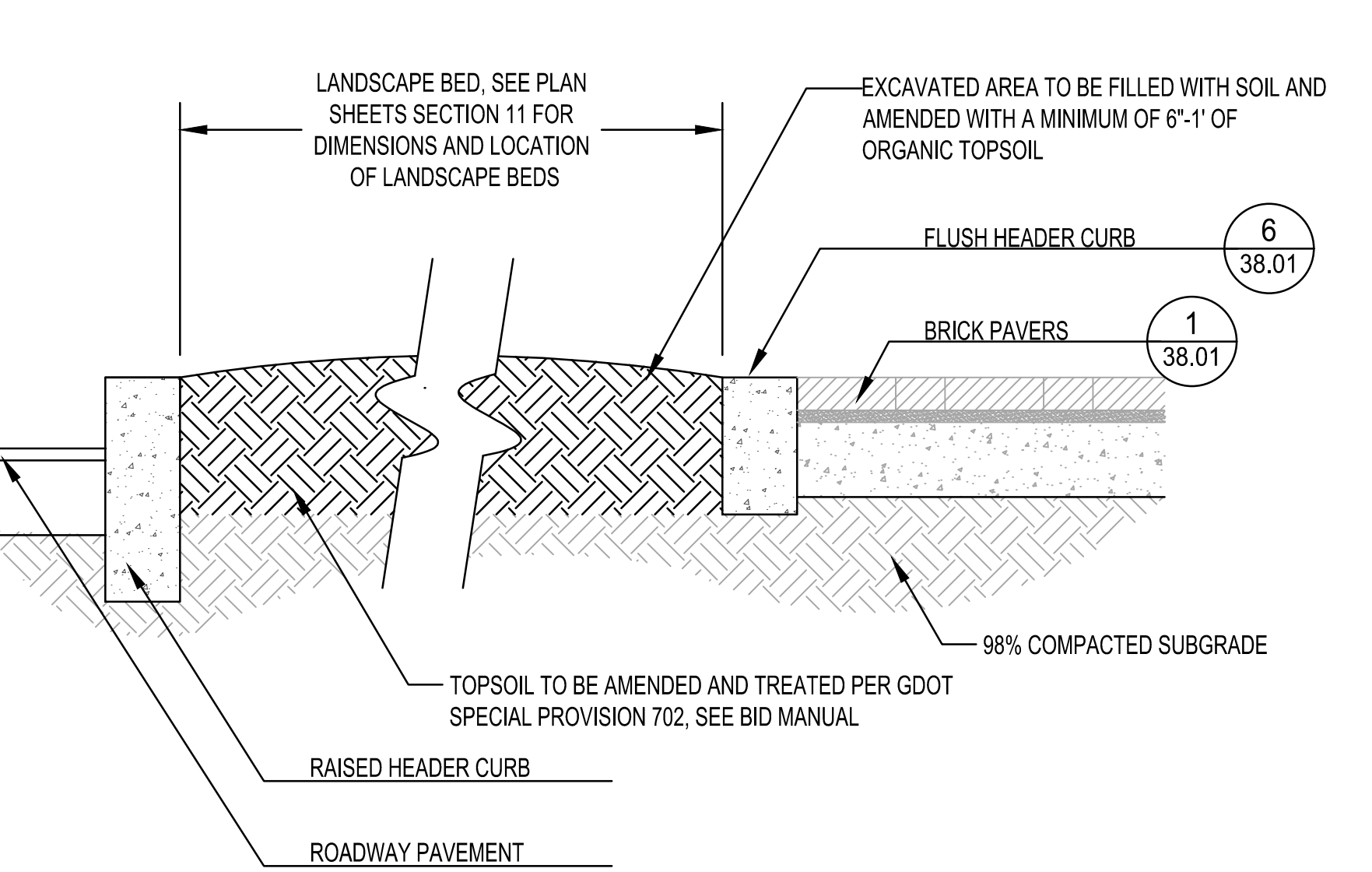
3 CONCRETE SIDEWALK - SECTION
NTS



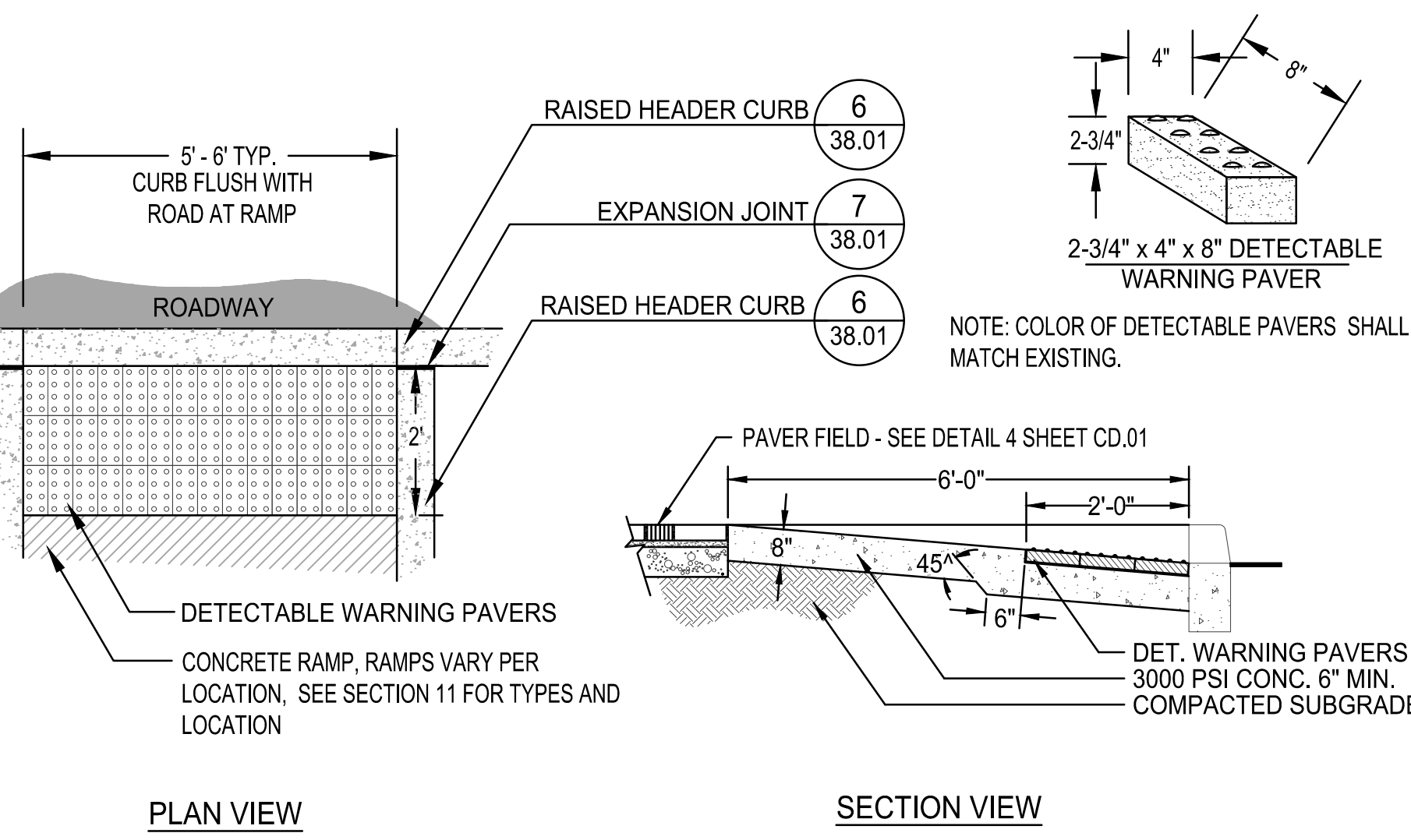
4 CONCRETE DRIVEWAY PAVEMENT SECTION
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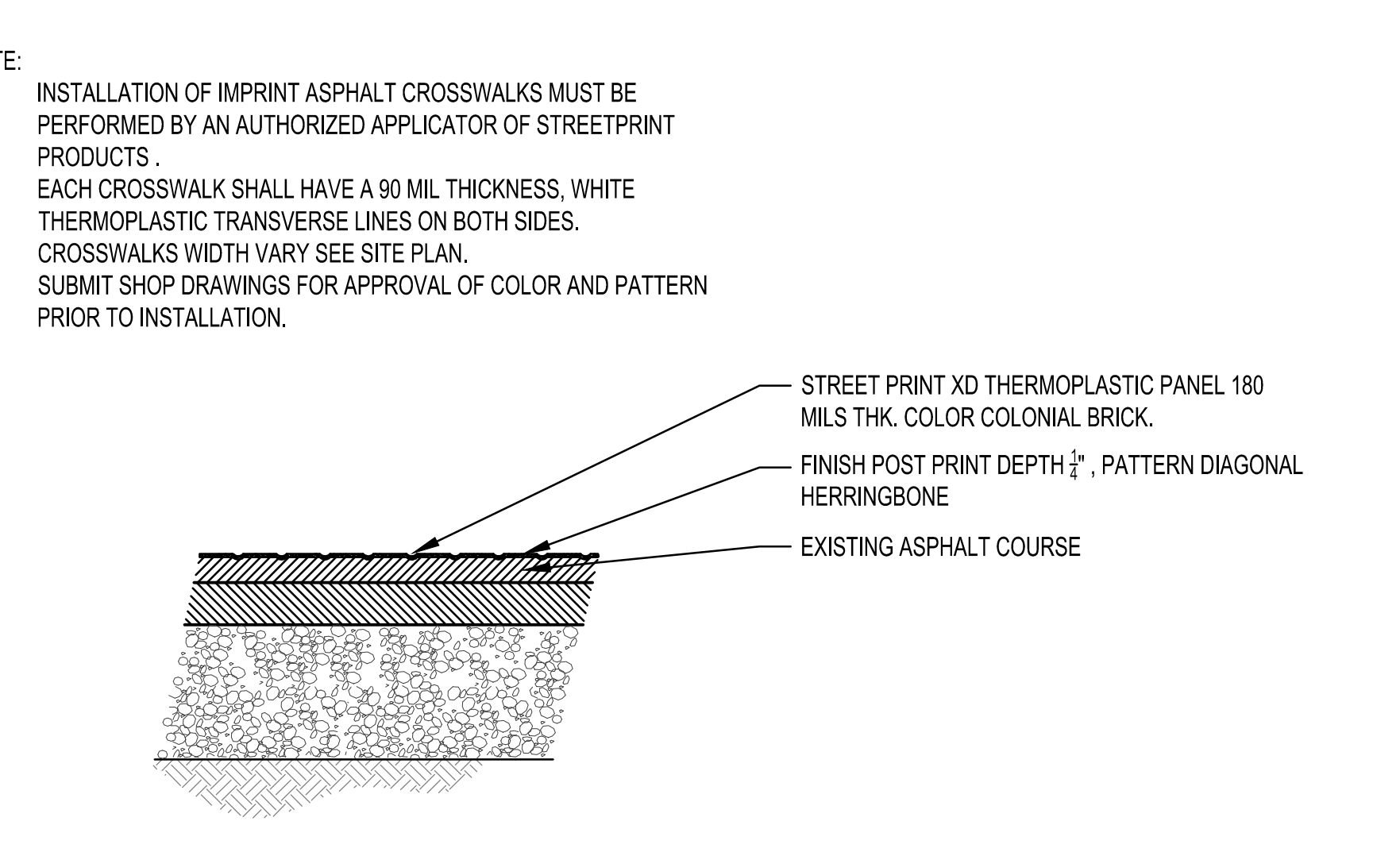
5 GA DOT DETAIL A3-CURB (WHEELCHAIR), RAMPS, TYPE B (MODIFIED)
NTS



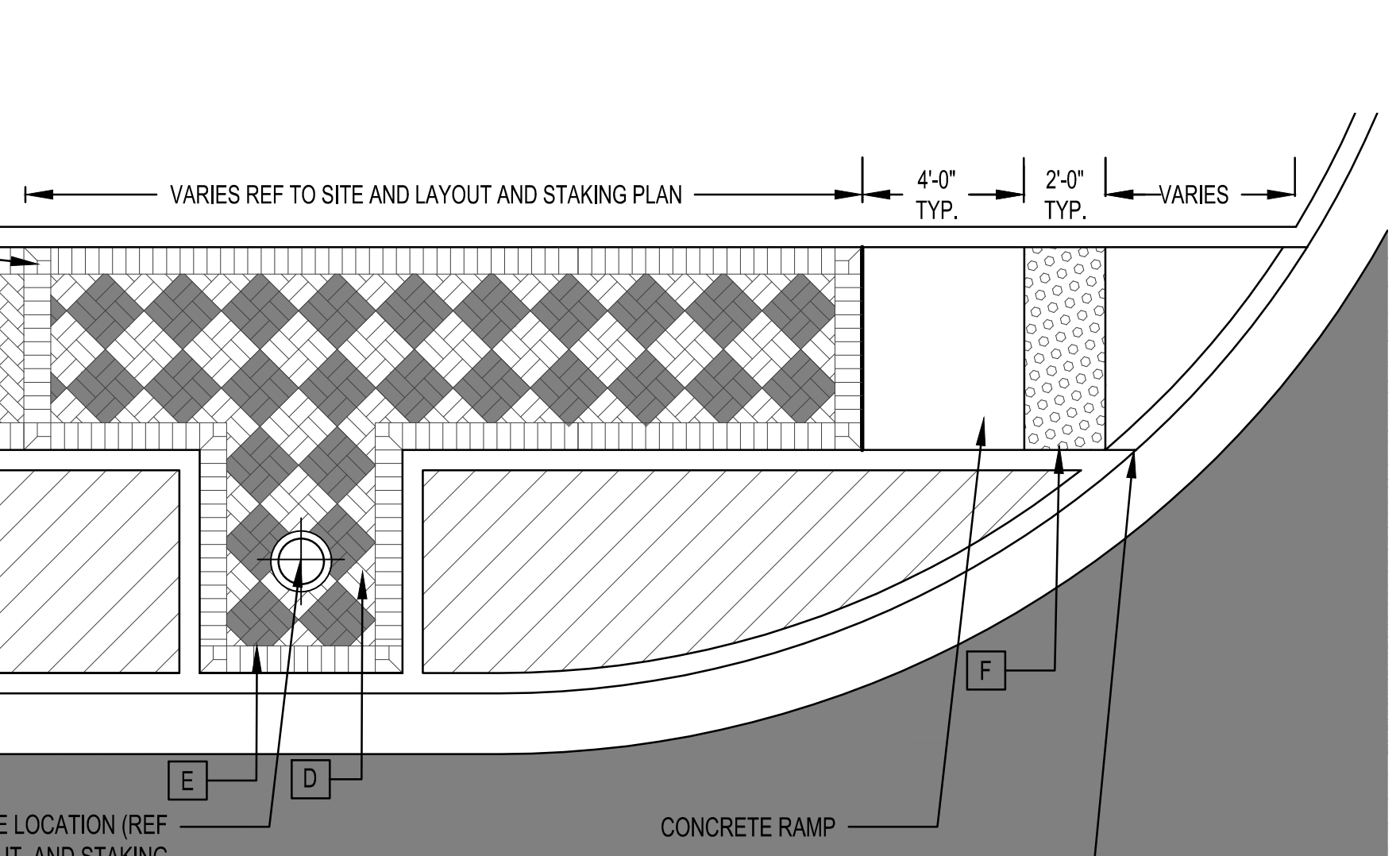
6 LANDSCAPE BED WITH CURBS
NTS



7 DETECTABLE WARNING SURFACE
NTS



8 IMPRINTED ASPHALT CROSSWALK
NTS



9 LIGHT POLE PAVING MODIFIED
NTS

PROJECT NO. 2021008.20/1400400
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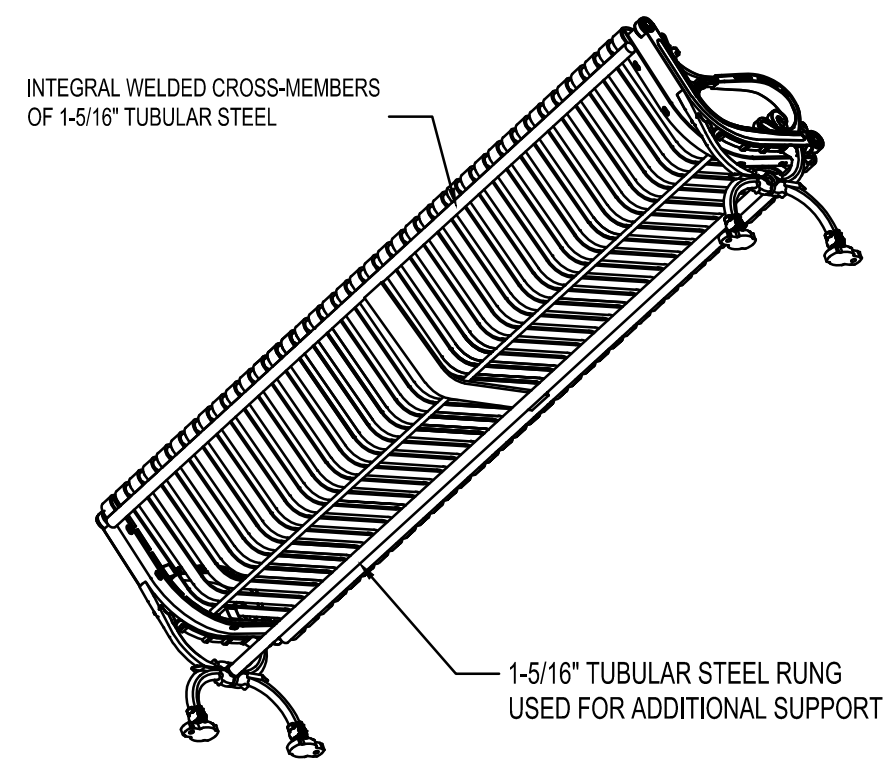
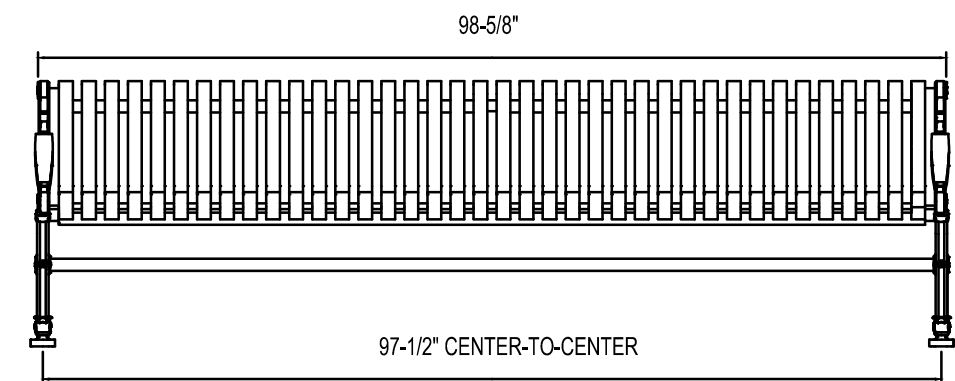
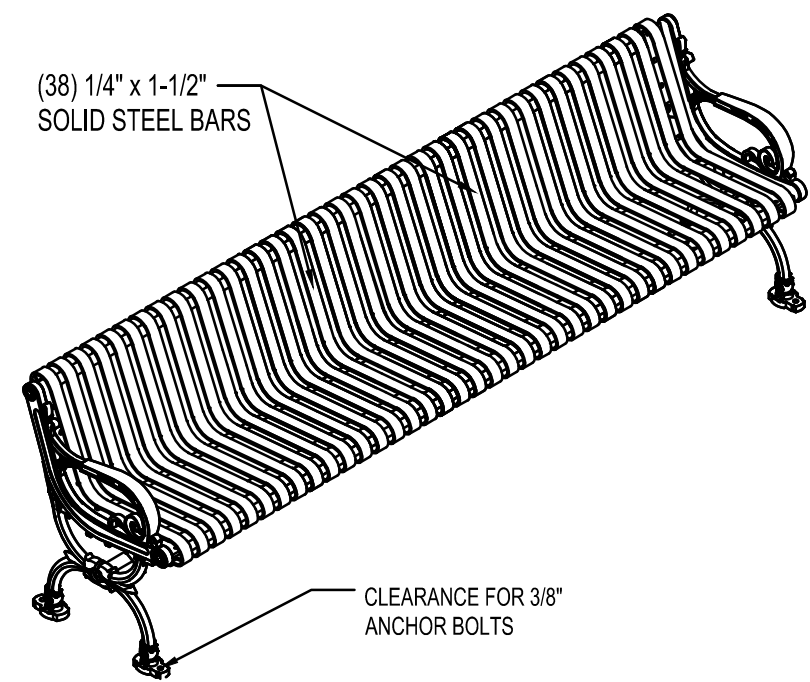
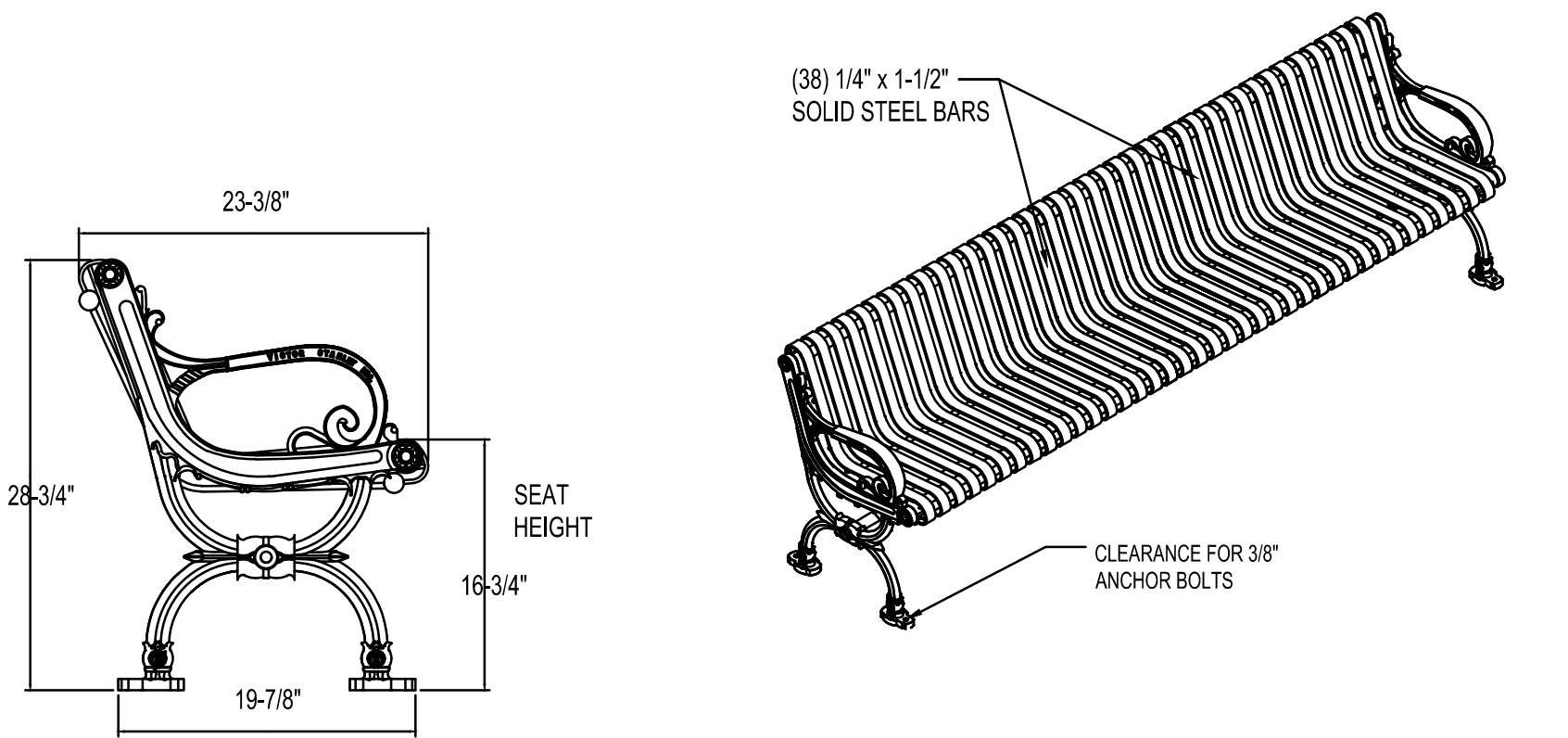
REVISION	BY	DATE	SYMBOL

SEAL: GEORGIA PROFESSIONAL ENGINEERING BOARD, LEVEL II CERTIFICATION #954

SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE
 DATE APRIL 2022
 SCALE AS SHOWN
 PHASE 2A
 CONSTRUCTION DETAILS

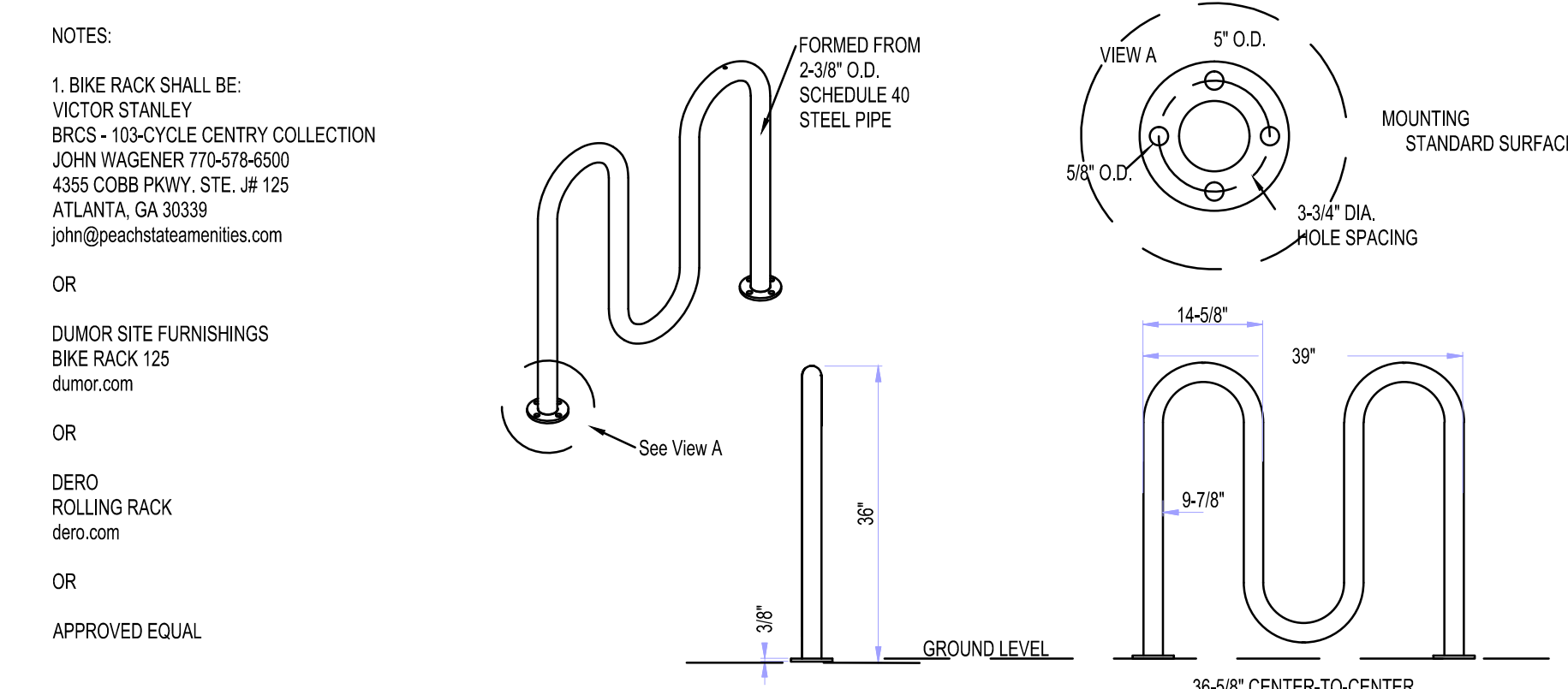
DRAWING NO. **38.02**

SHEET 83 OF 130



- NOTES:
- BENCH SHALL BE DUCTILE IRON CASTINGS.
 - BENCH TO BE 8' LONG WITH NO MIDDLE ARM REST AS SHOWN.
 - BENCH SHALL BE POWDER COATED BLACK.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM.
 - IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BENCH IS IN PLACE. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.

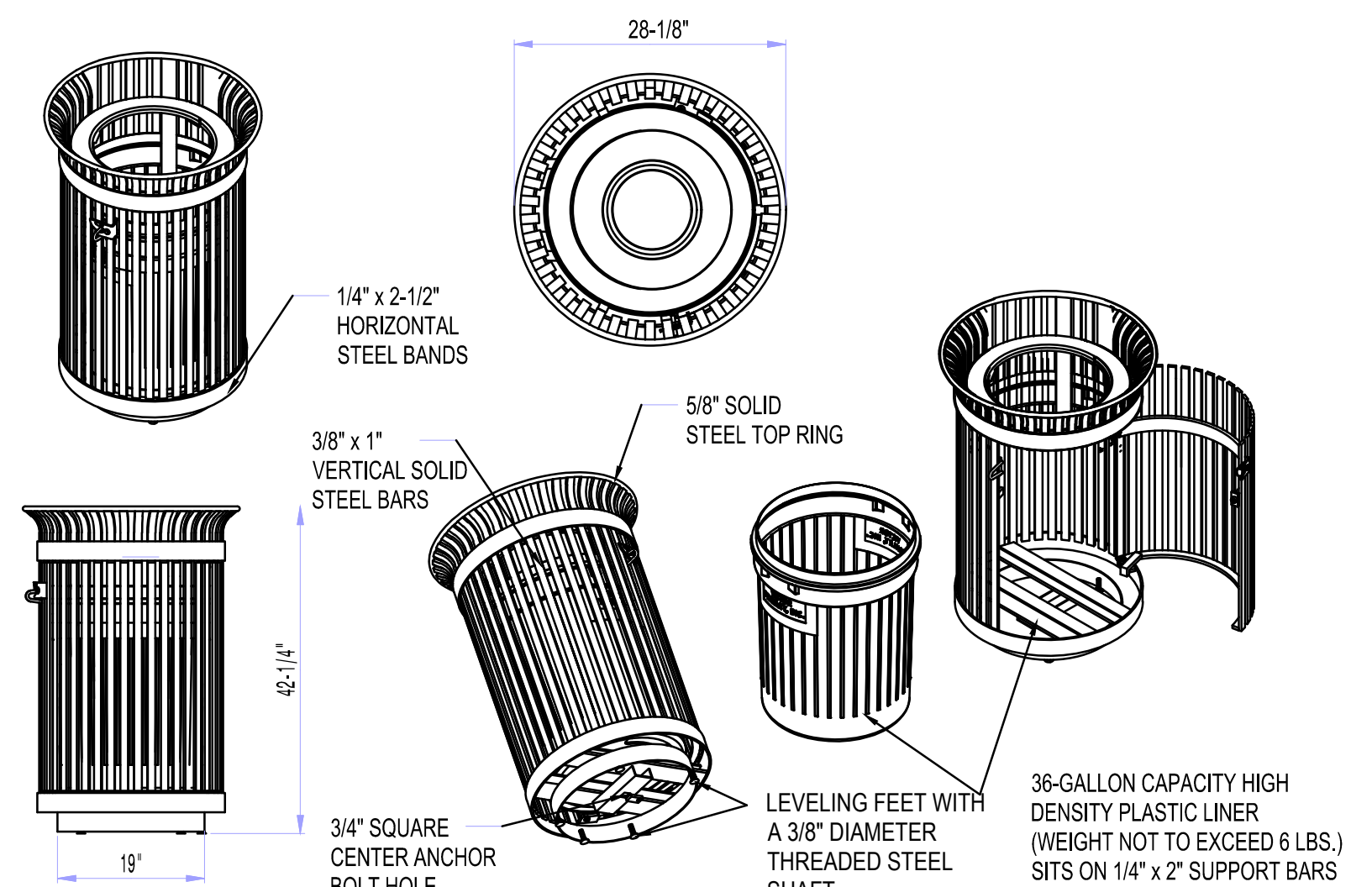
2 8' BENCH
38.03 NTS



- NOTES:
- BIKE RACK SHALL HAVE MINIMUM TWO 'HUMPS'
 - BIKE RACK SHALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, ELECTROSTATICALLY POWDER-COATED BLACK.
 - IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL THE BIKE RACK IS IN PLACE. THIS SECURE SITE DESIGN, L.L.C. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - ANCHOR BOLTS NOT PROVIDED.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.

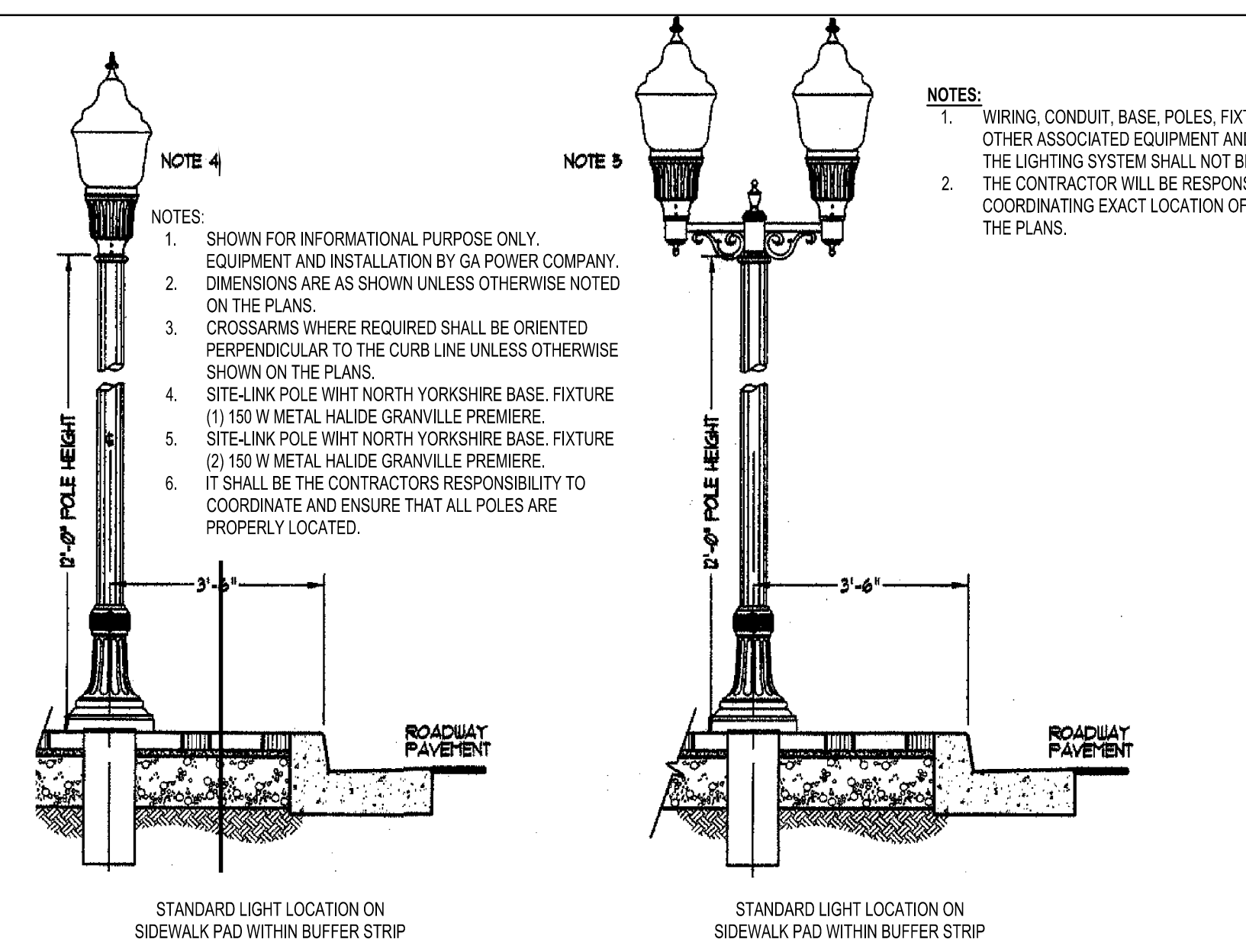
5 BICYCLE RACK
38.03 NTS

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

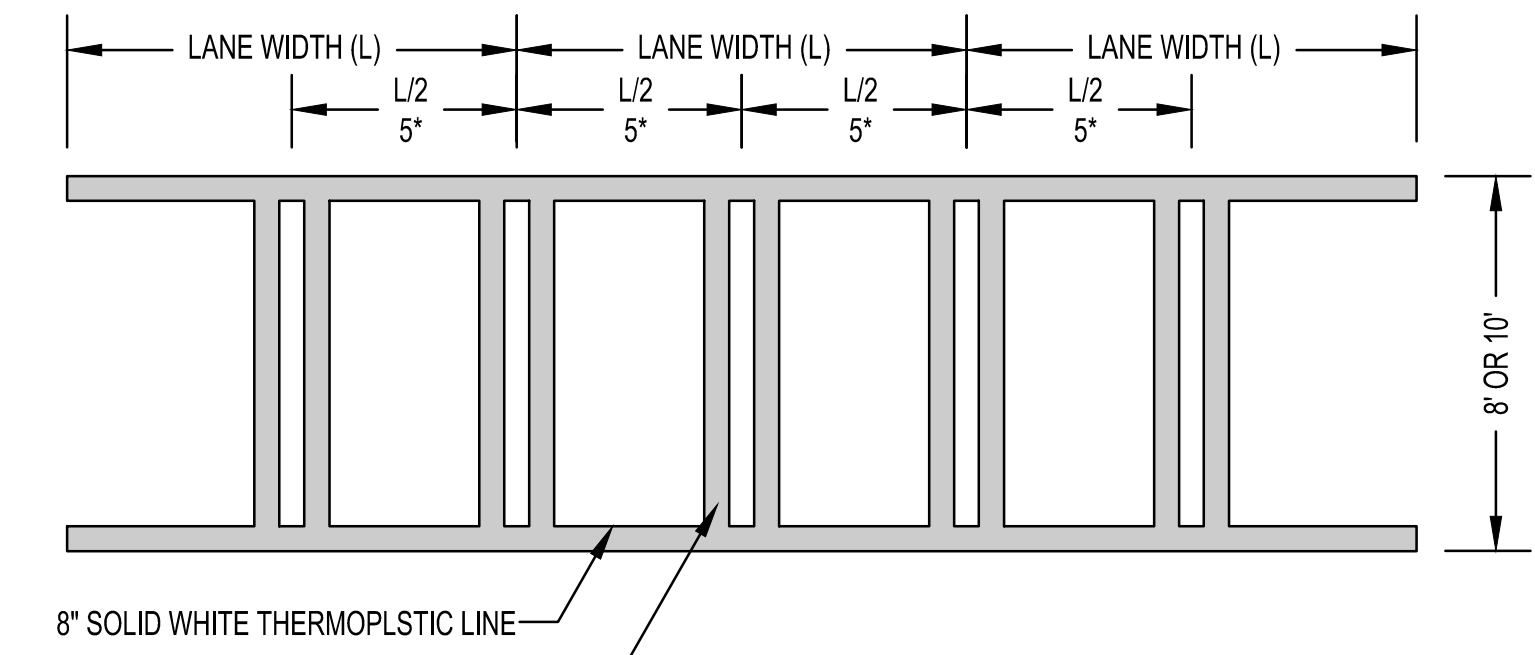


- TRASH RECEPTACLE SHALL BE:
- VICTOR STANLEY
SD-42 IRONSITES SERIES
CONTACT:
JOHN WAGENER 770-578-6500
4355 COBB PKWY. STE. #125
ATLANTA, GA 30339
john@peachstateamenities.com
- OR
- DUMOR
BENCH 58
dumor.com
- OR
- SITESCAPES
ARLINGTON VERTICAL STRAP bench
sitiescapesonline.com
- OR
- APPROVED EQUAL
- LIDS
STANDARD TAPERED FORMED LID.
SECURITY
SHOWN WITH STANDARD LOCKABLE LATCH AVAILABLE WITH OPTIONAL KEYED
LOOK BOX. LID BOLTED IN PLACE. AVAILABLE WITH OPTIONAL MOUNT WITH
3 IN-LINE ANCHOR HOLES AND OPTIONAL ABS BOTTOM PLATE COVER.
- NOTES:
- TRASH RECEPTACLES TO BE DUCTILE IRON CASTINGS.
 - TRASH RECEPTACLES TO BE DUCTILE IRON CASTINGS.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. BLACK.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.

3 TRASH RECEPTACLE
38.03 NTS

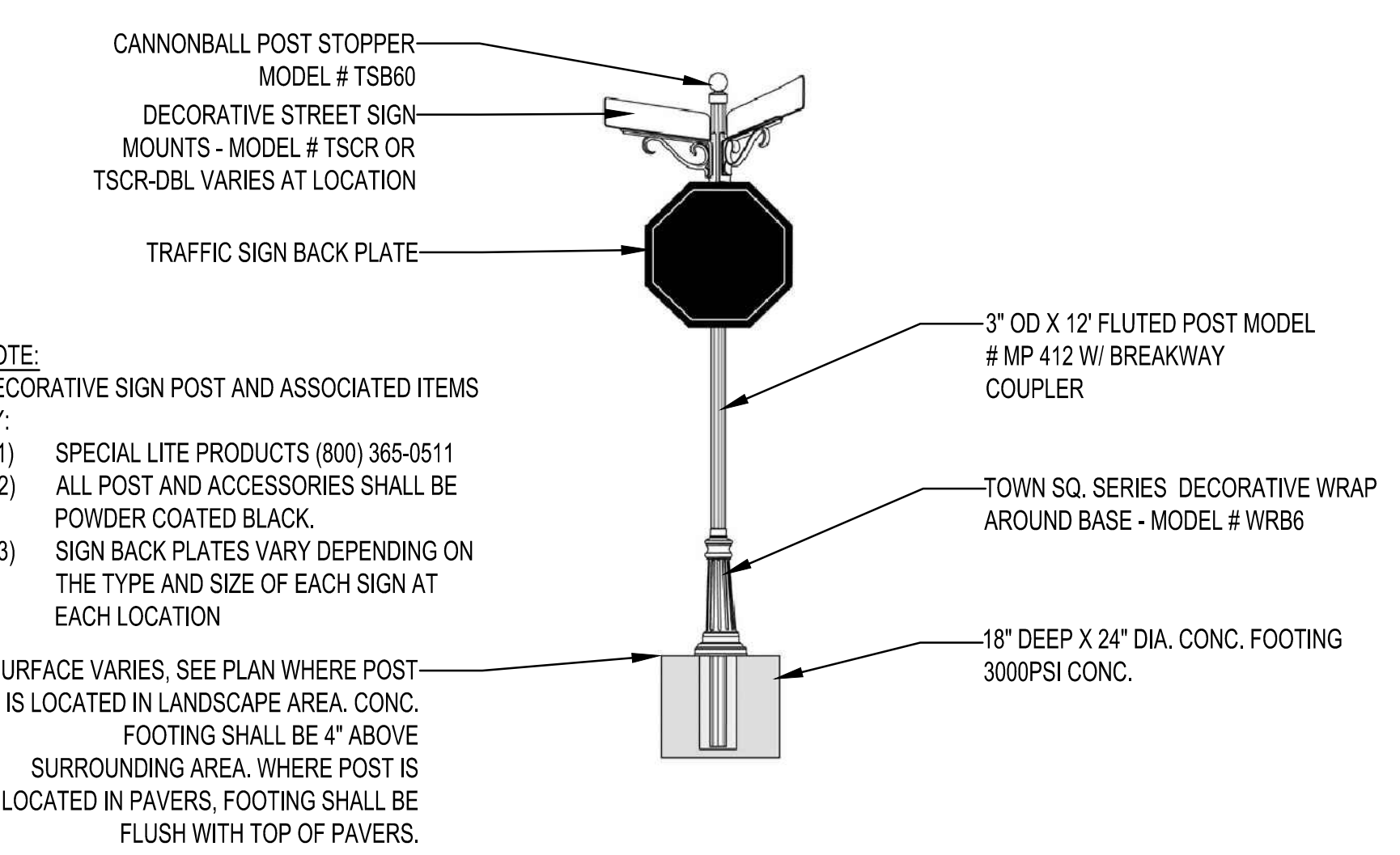


6 STREET LIGHT DETAIL (NIC)
38.03 NTS



- NOTE: CROSS PATTERN LINES ARE ALWAYS PARALLEL WITH DIRECTION OF VEHICULAR TRAVEL
- * USE WHERE THE LANE WIDTH EXCEEDS 12' OR WHERE LANE LINES HAVE BEEN LIMITED
- NOTE: CROSSWALKS THAT ARE PERPENDICULAR TO THE MAIN STREETS WILL BE 10' WIDTH CROSSWALK AND CROSSWALKS PARALLEL ON THE SIDE STREETS WILL HAVE 8' WIDTH.

1 CROSS WALK STRIPING
38.03 NTS



4 DECORATIVE SIGN POST INSTALLATION
38.03 NTS

- NOTE:
DECORATIVE SIGN POST AND ASSOCIATED ITEMS BY:
- SPECIAL LITE PRODUCTS (800) 365-0511
 - ALL POST AND ACCESSORIES SHALL BE POWDER COATED BLACK.
 - SIGN BACK PLATES VARY DEPENDING ON THE TYPE AND SIZE OF EACH SIGN AT EACH LOCATION
- SURFACE VARIES, SEE PLAN WHERE POST IS LOCATED IN LANDSCAPE AREA. CONC. FOOTING SHALL BE 4\"/>

PROJECT NO. 2021008.20/1400400
COUNTY: CLAYTON

Robert and Company
Engineers, Designers, Planners
229 Peachtree Street, N.E. International Tower
Suite 2100, Atlanta, Georgia 30303-1629
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REVISION	BY	DATE	SYMBOL

SEAL

SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETScape

DATE APRIL 2022
SCALE AS SHOWN
PHASE 2A
CONSTRUCTION DETAILS

DESIGNED JMMR PROJECT NO. 2021008.20/1400400 DRAWING TITLE FOREST PARK STREETScape
CHECKED JMBK SCALE AS SHOWN
DRAWN JMON PROJECT NO. 2021008.20/1400400
DATE APRIL 2022

38.03

SHEET 84 OF 130

NO.	BY	DATE	SYMBOL	REVISION



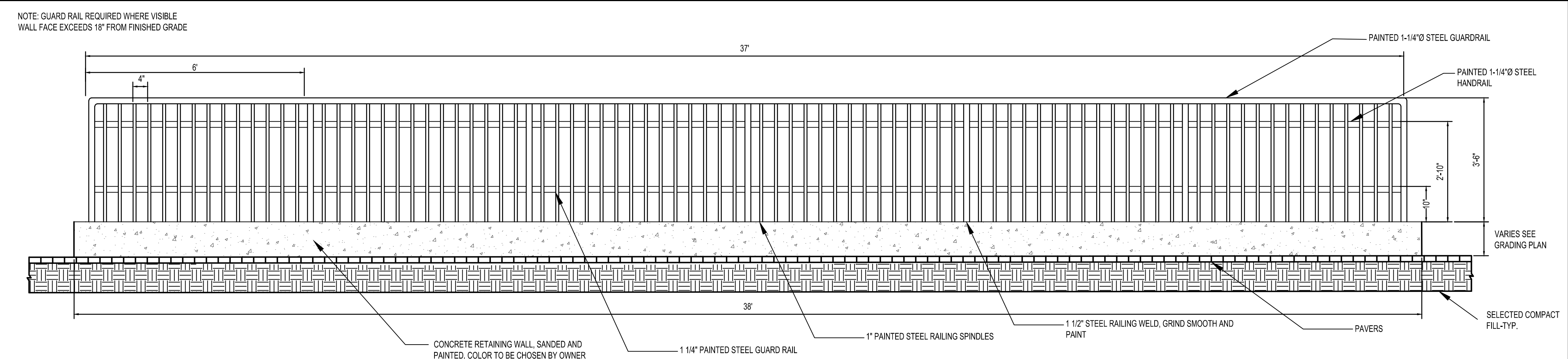
SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
SCALE AS SHOWN
DESIGNED BY JON JWBK
PROJECT NO. 2021008.20/1400400
DRAWING TITLE PHASE 2A CONSTRUCTION DETAILS

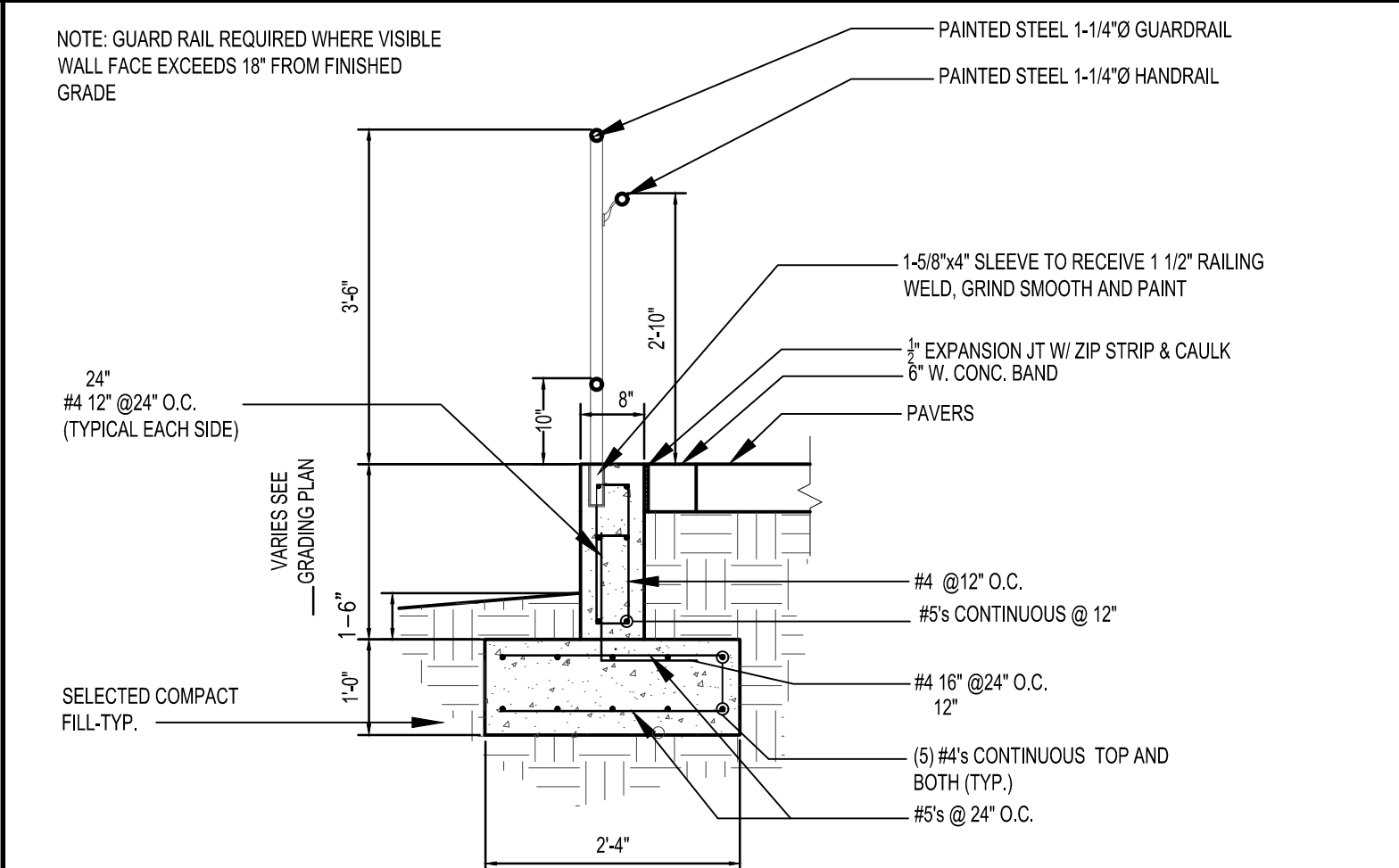
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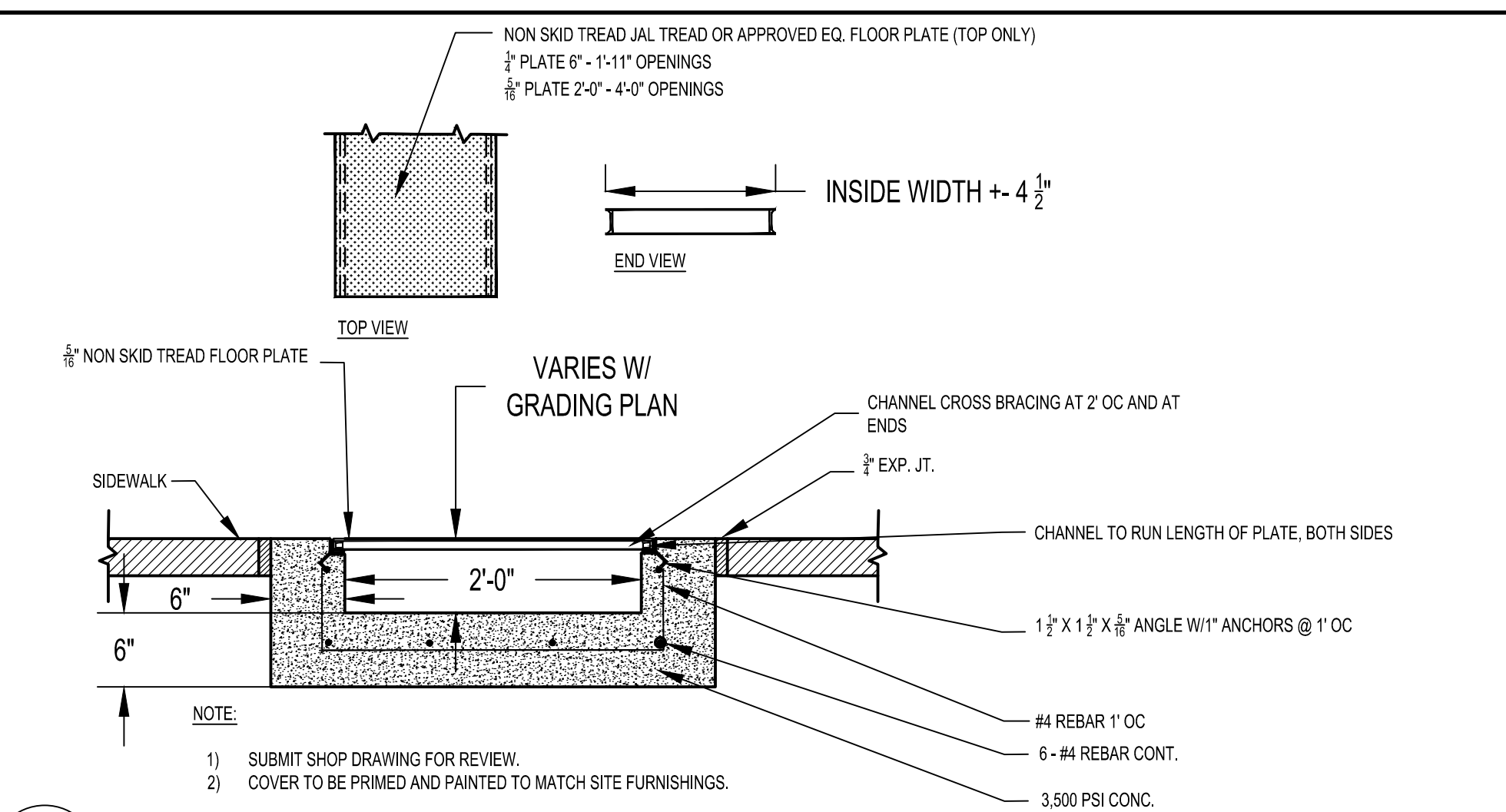
2 INTENTIONALLY LEFT BLANK
38.04



3 RETAINING WALL ELEVATION
NTS
38.04

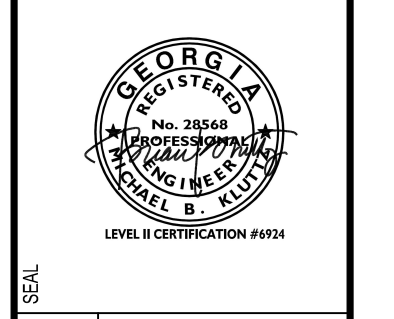


4 RETAINING WALL CROSS SECTION
NTS
38.04



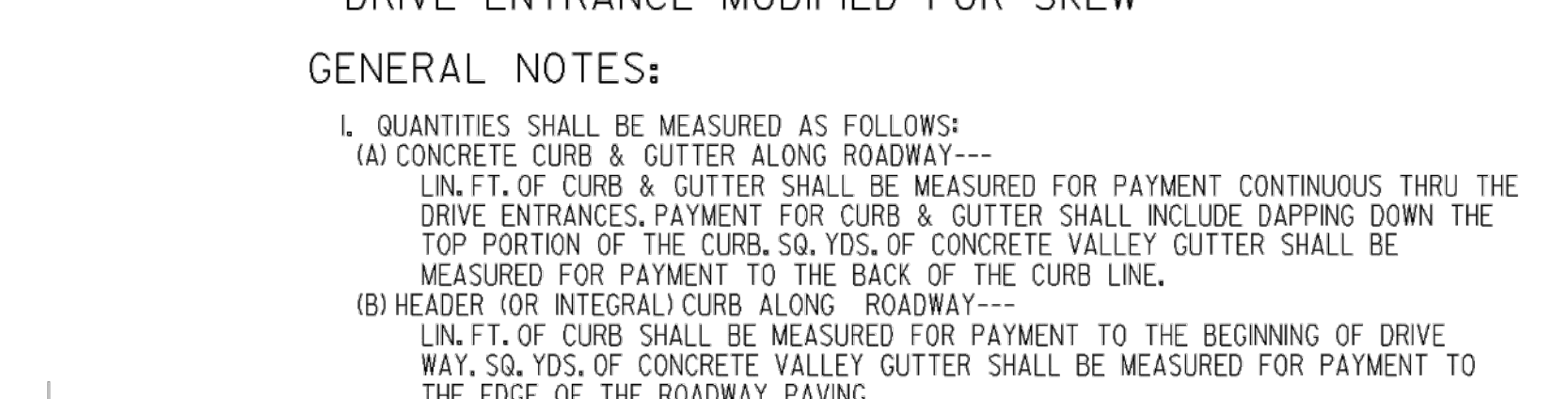
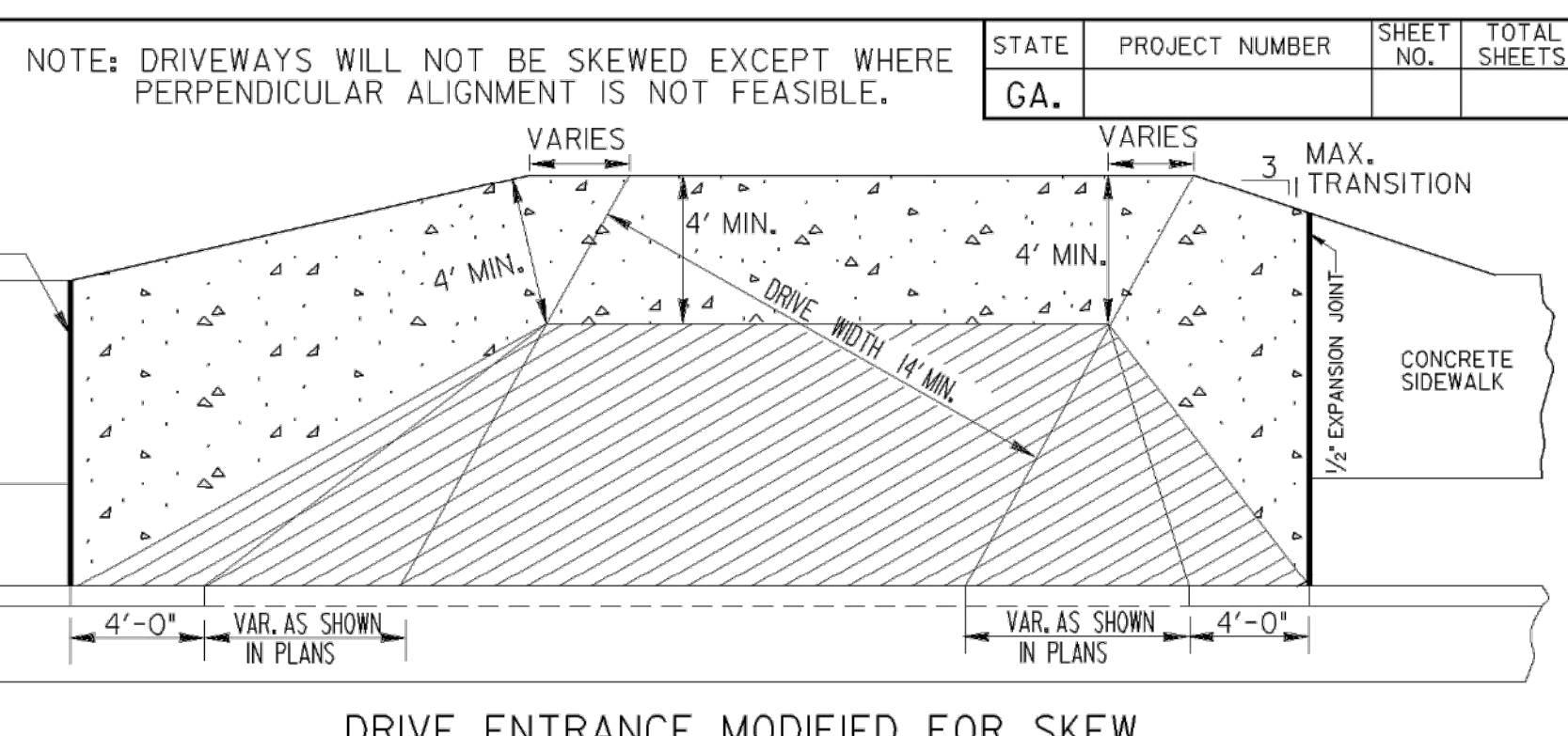
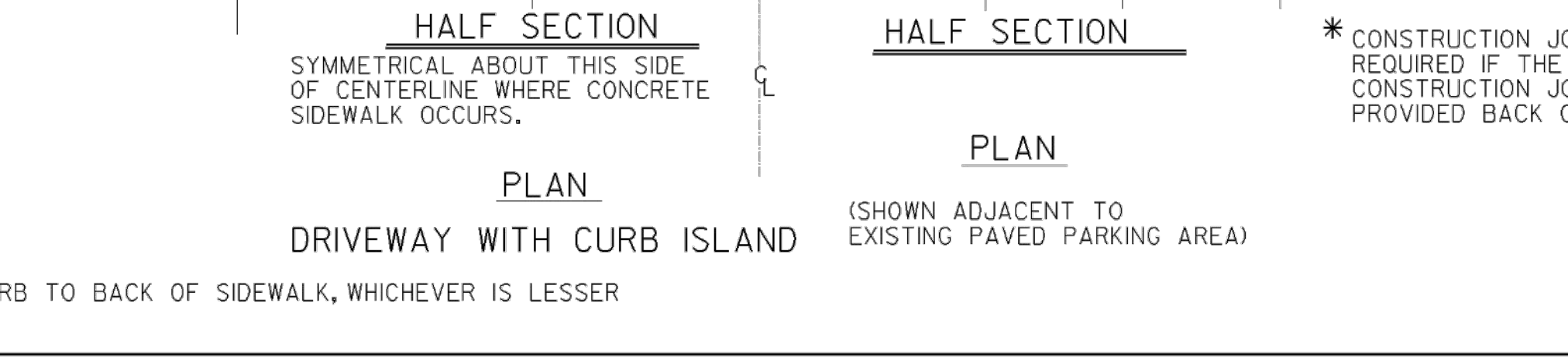
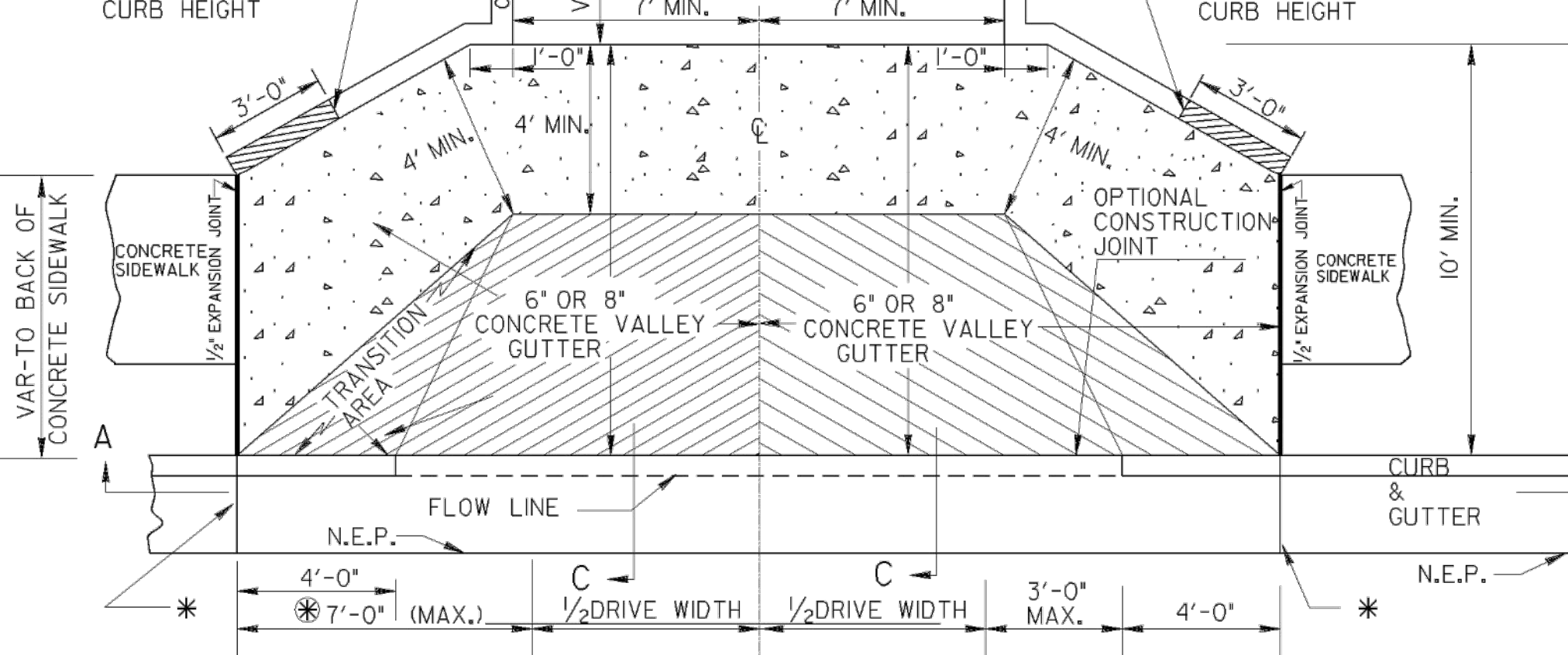
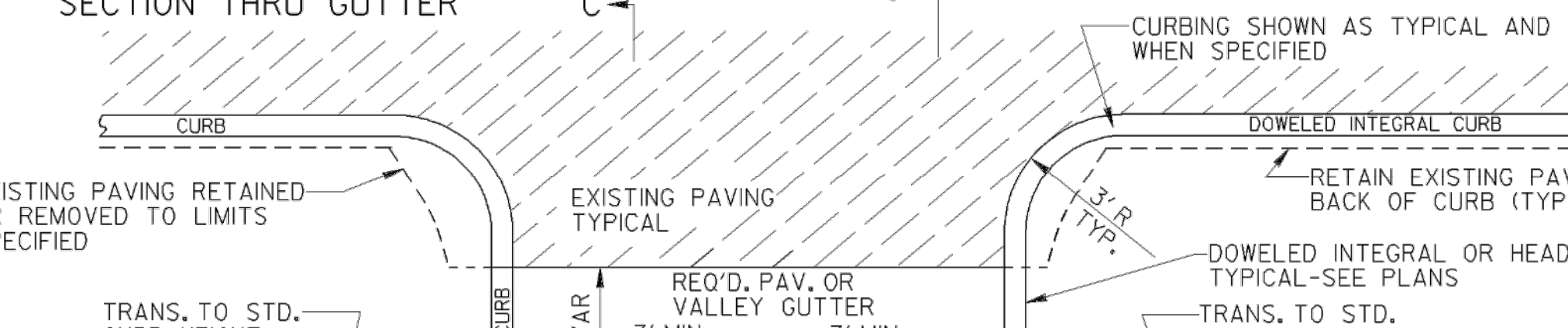
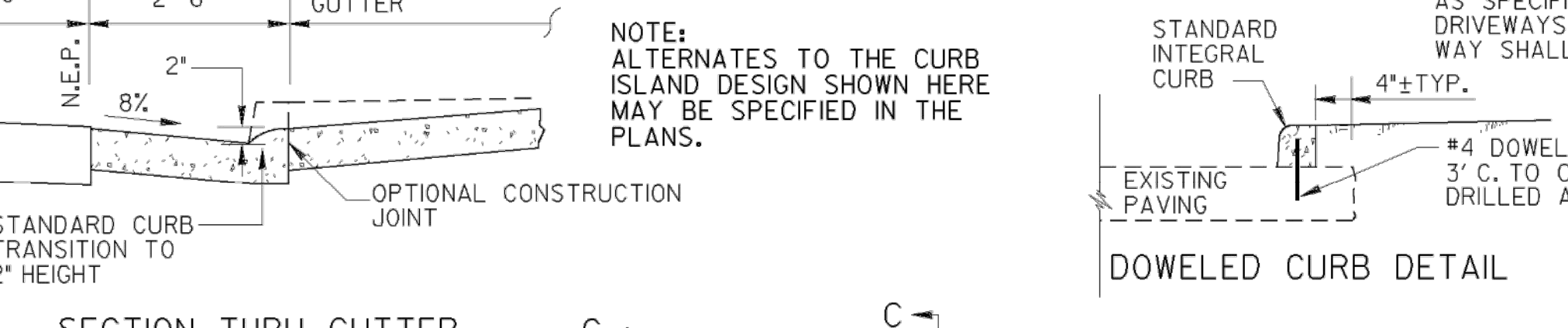
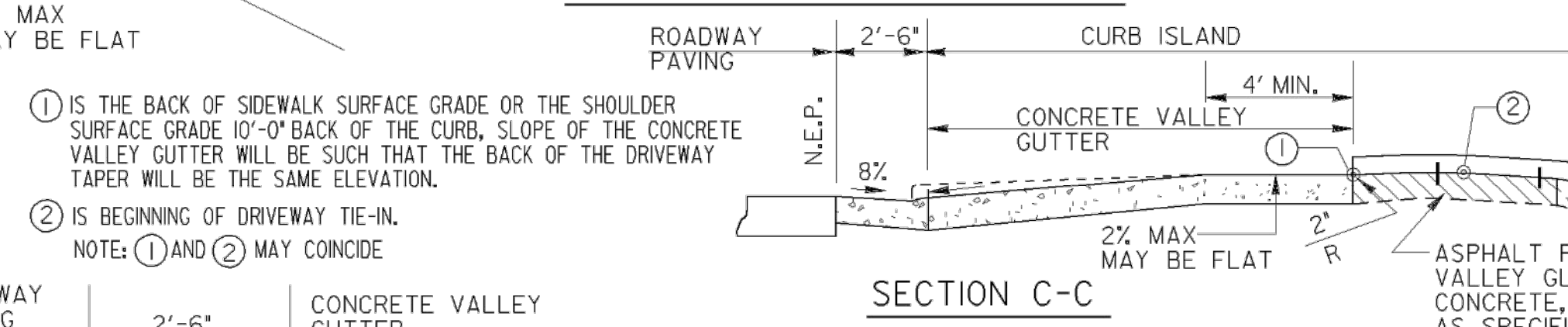
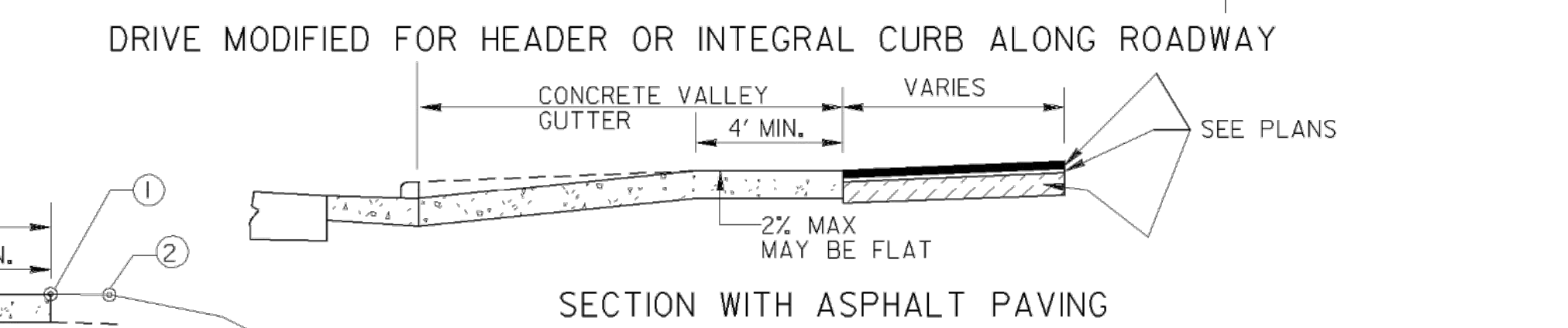
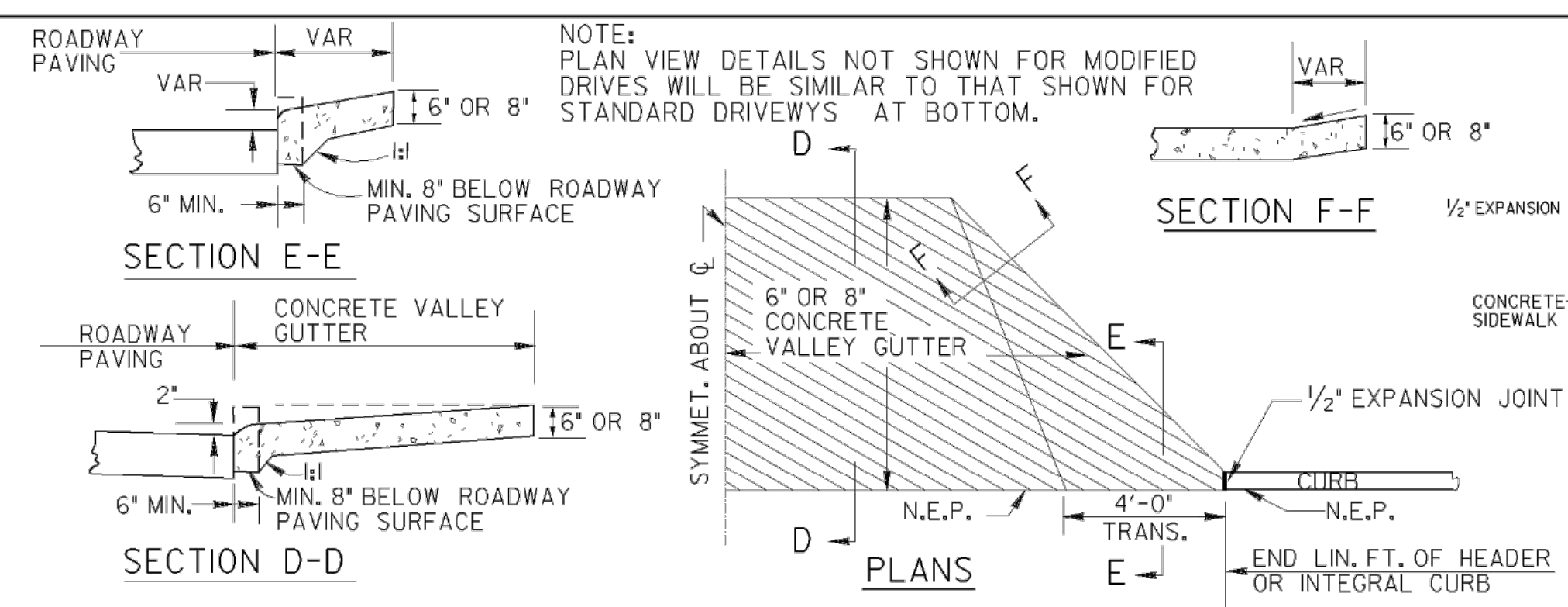
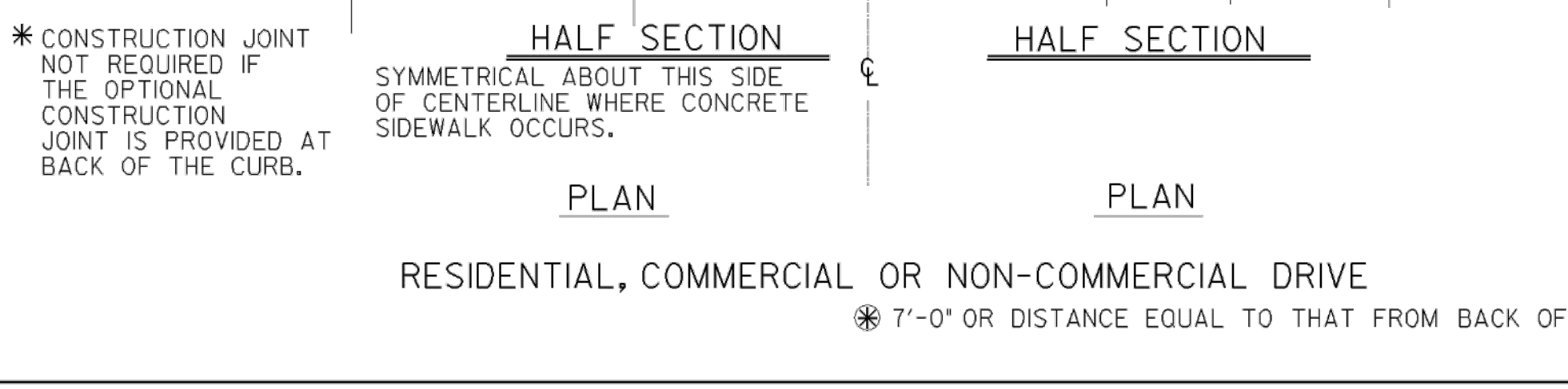
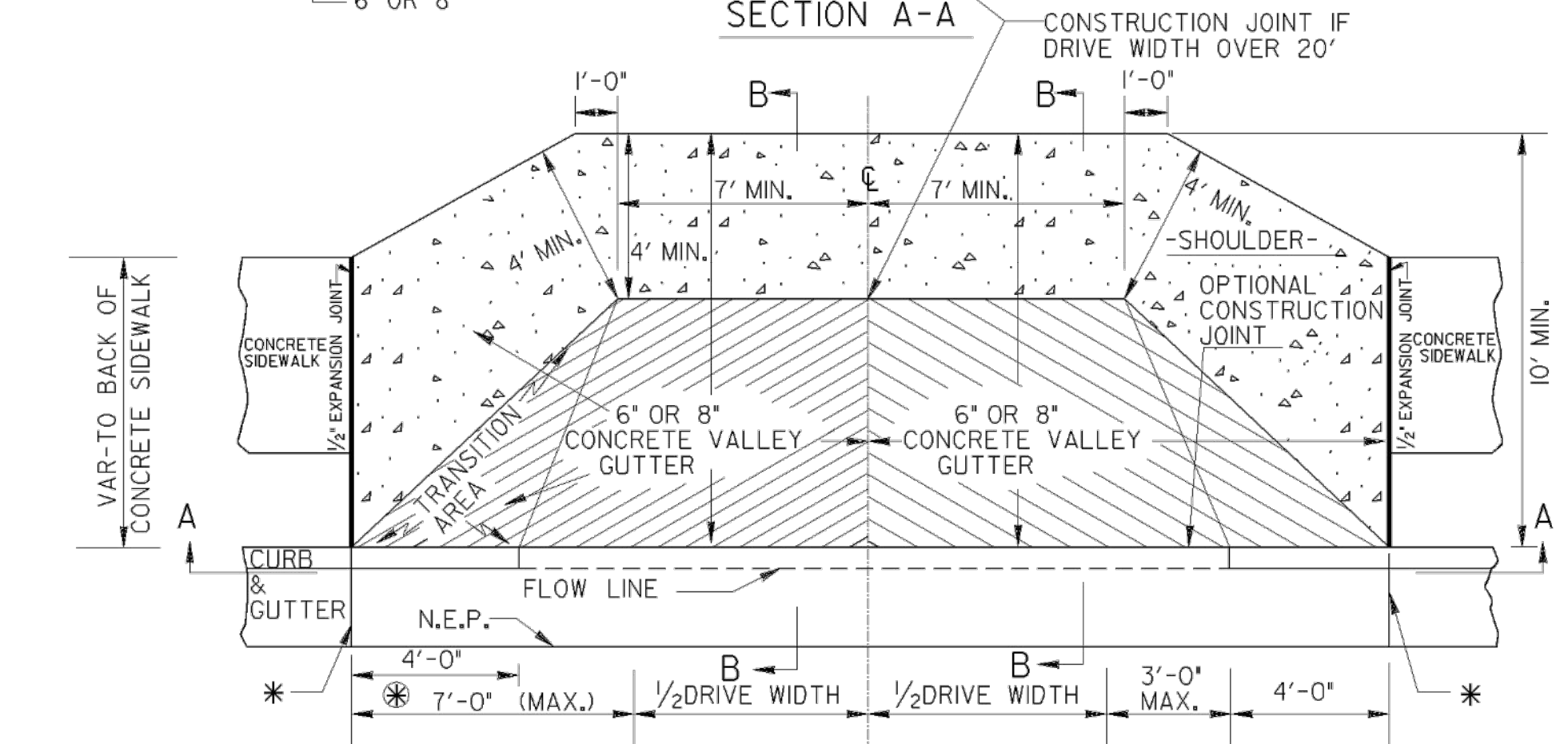
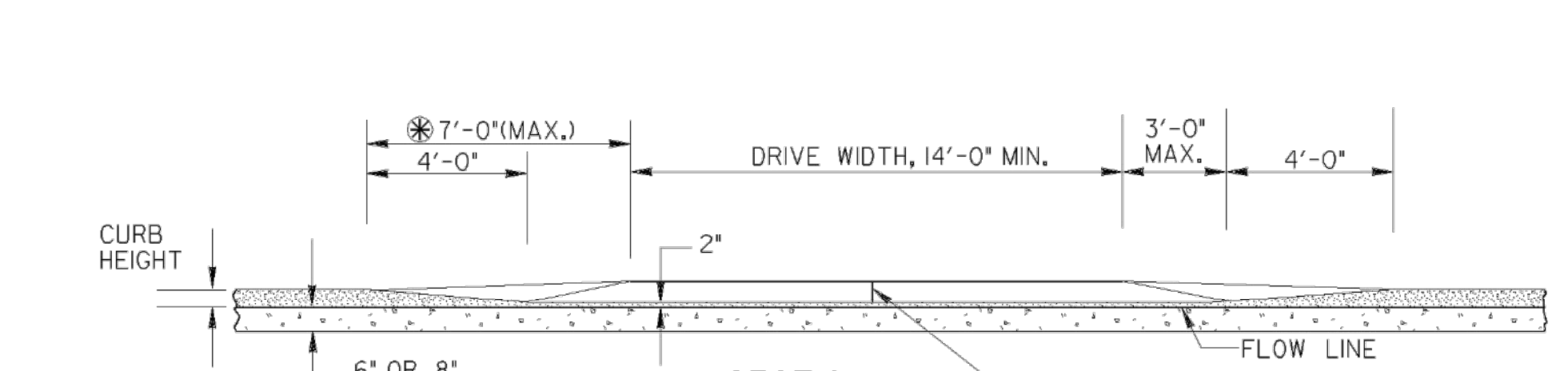
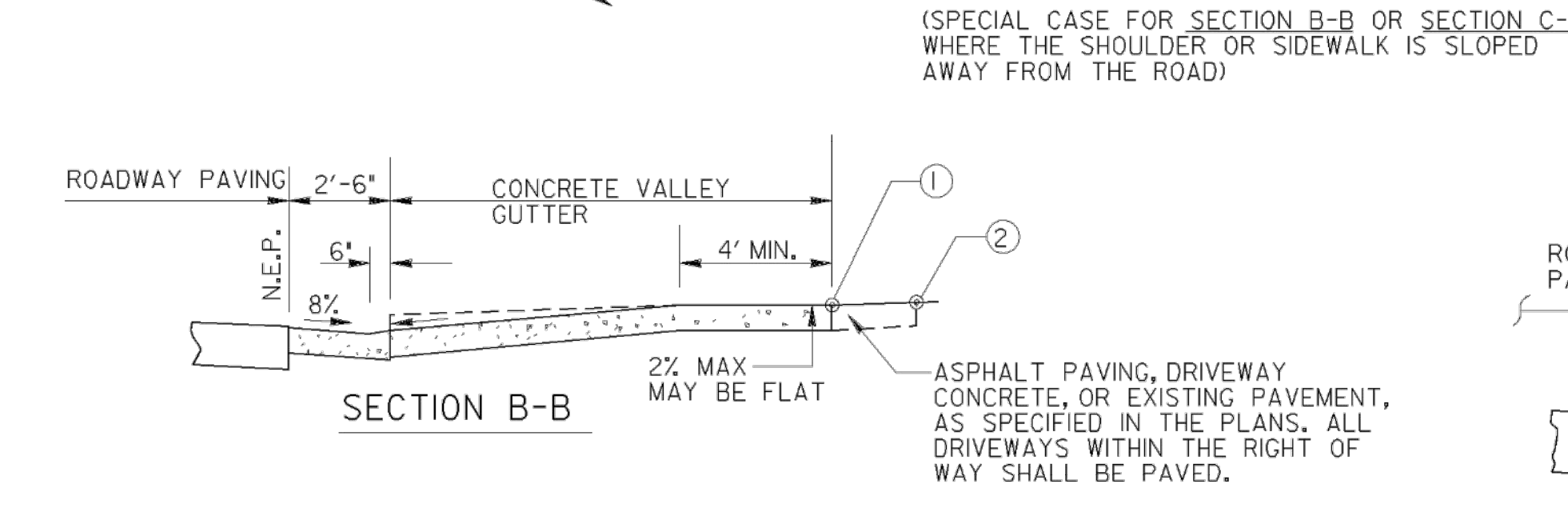
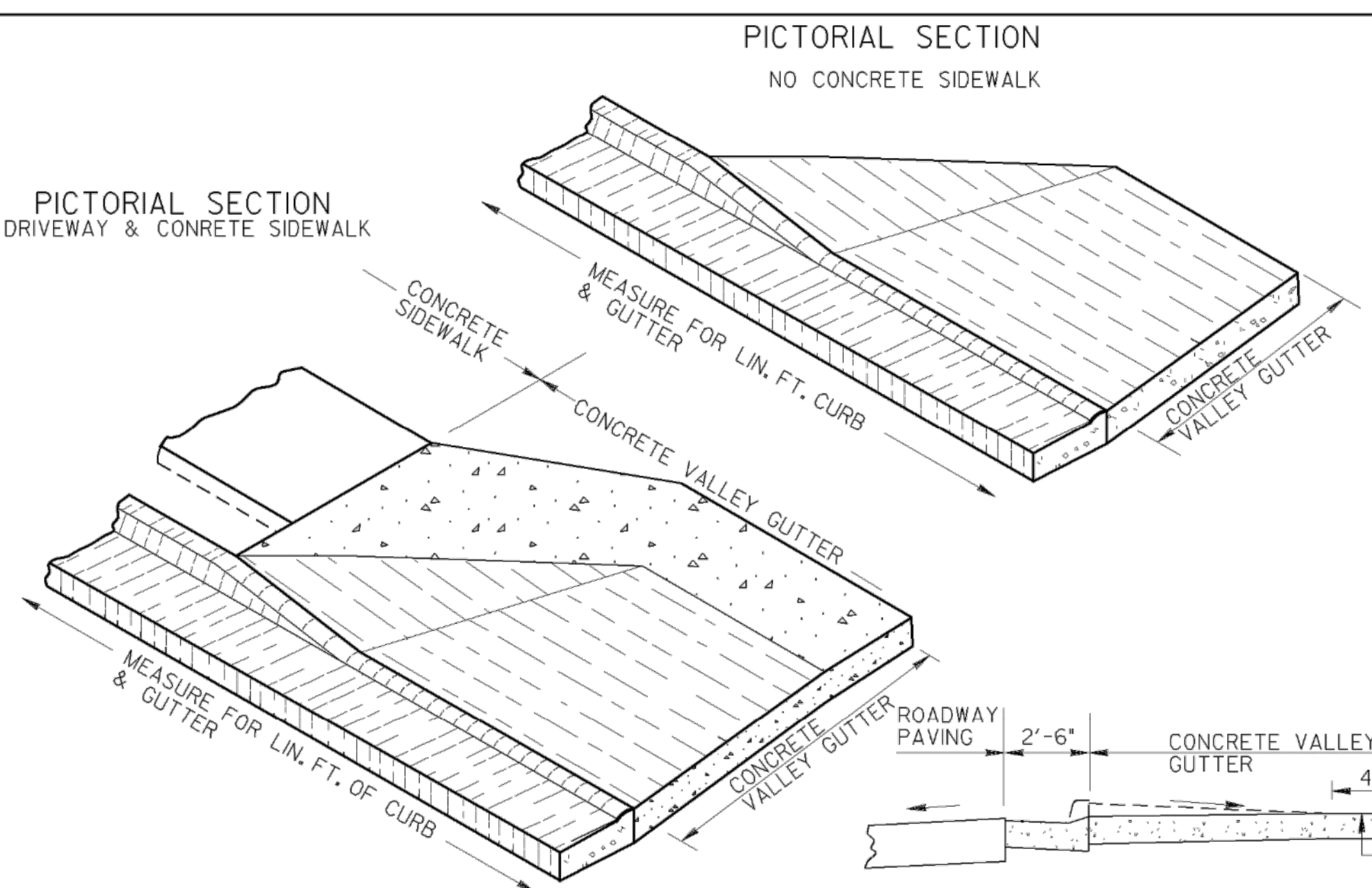
5 FLUME AND COVER DETAILS
38.04

NO.	REVISION	DATE	BY



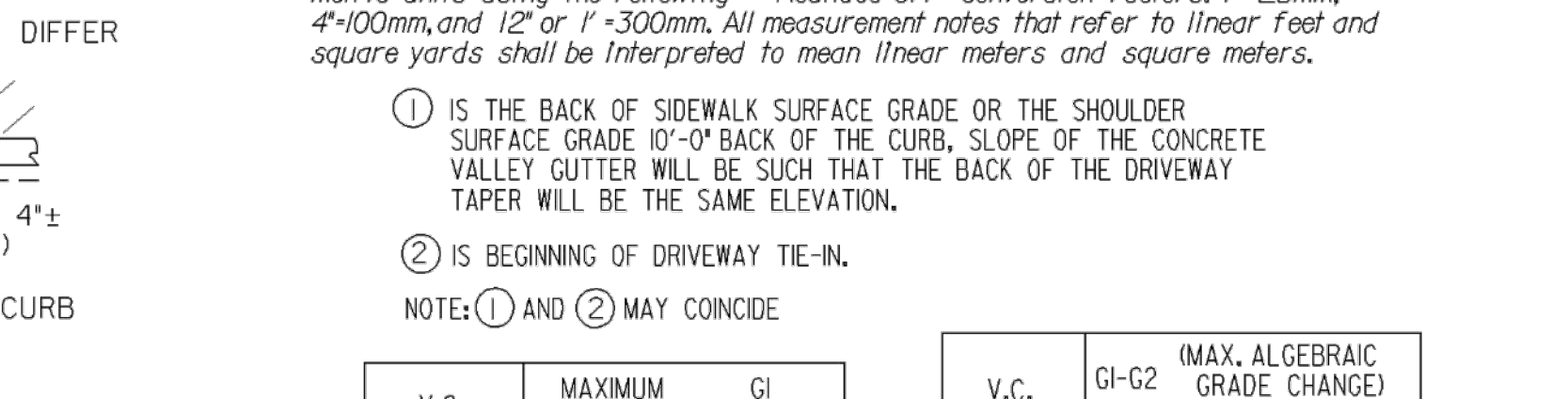
SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETScape
 DRAWING TITLE CONSTRUCTION DETAILS
 GDOT A SERIES

DESIGNED	MMR	PROJECT NO.	2021008.20/1400400
CHECKED	JON	DRAWING TITLE	CONSTRUCTION DETAILS
BRAIN		SCALE	AS SHOWN
DATE	APRIL 2022	DATE	APRIL 2022



V.C.	MAXIMUM CUT	GI FILL
5'	27%	16.67%
10'	28%	27%

V.C.	GI-G2 (MAX. ALGEBRAIC GRADE CHANGE)
5'	21% SAG, 25% CREST
10'	25% SAG, 36% CREST



REV.	DATE	REVISION
7-21-11		
4-11-02		
4-3-02		

This Detail Replaces Ga Standard 6050

DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA

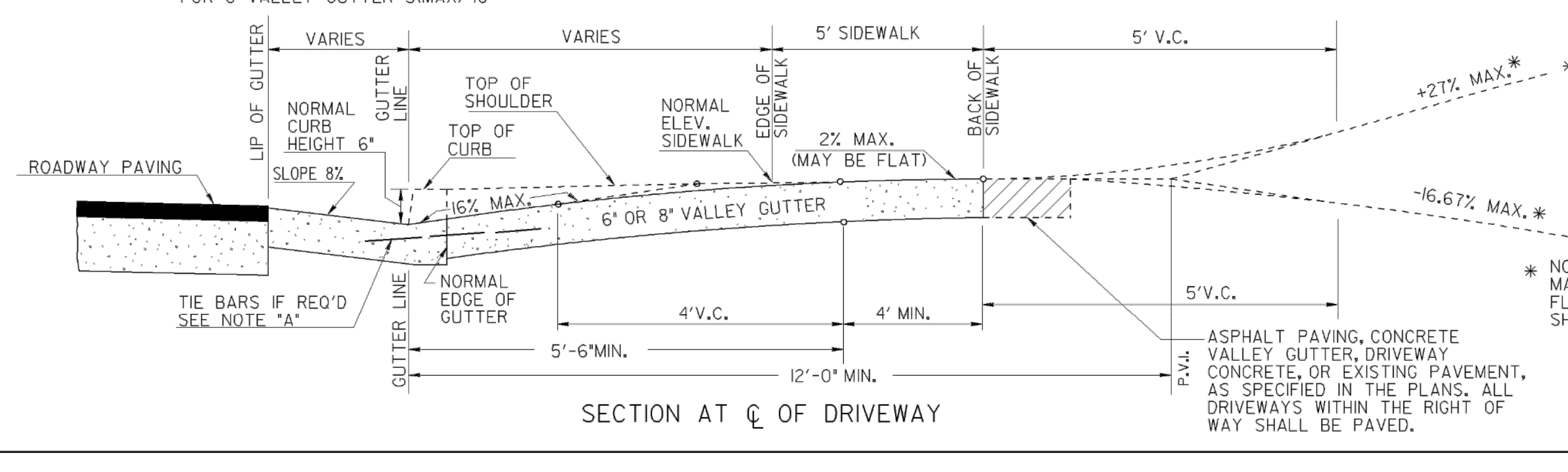
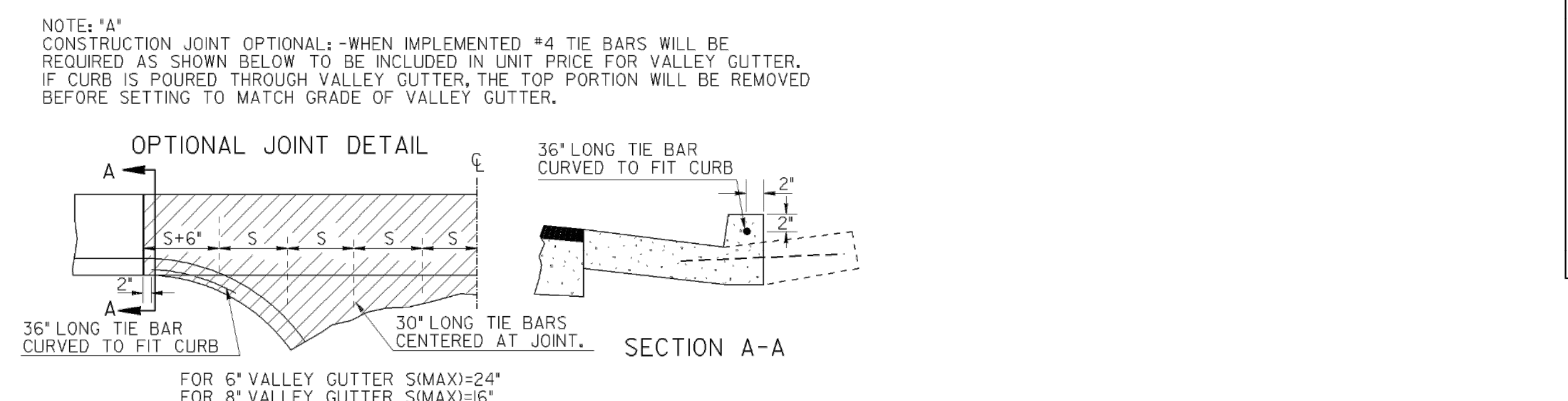
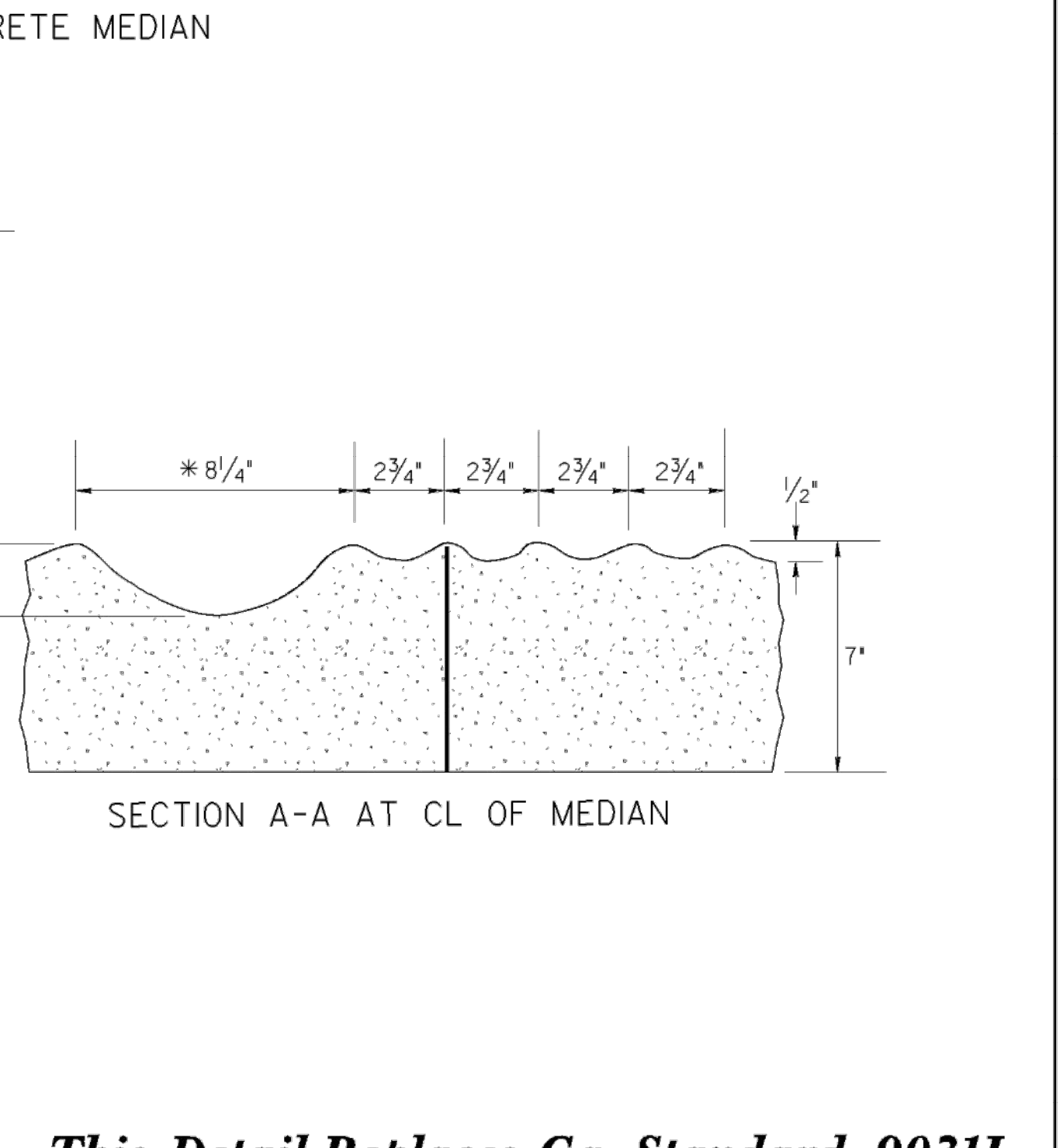
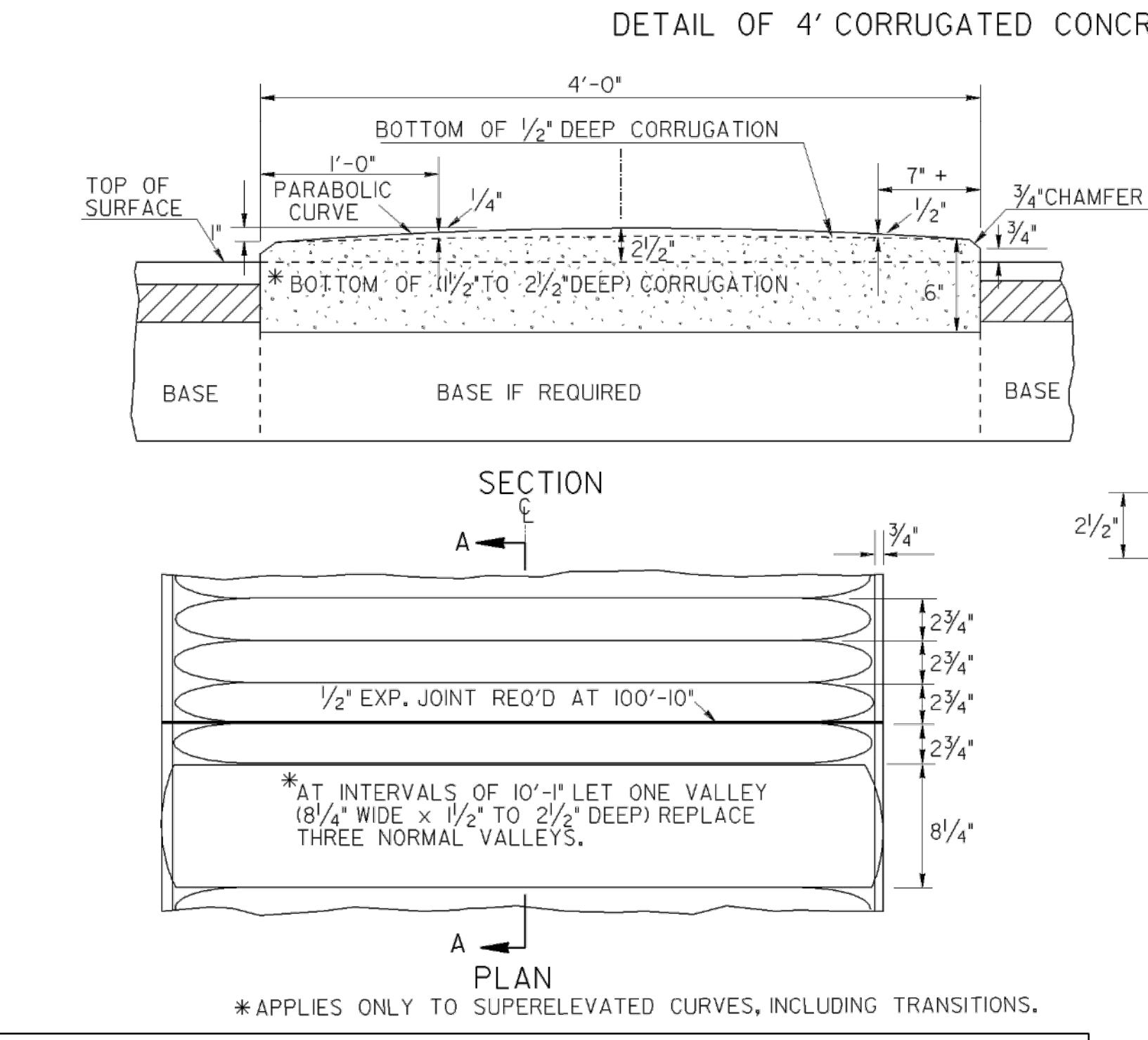
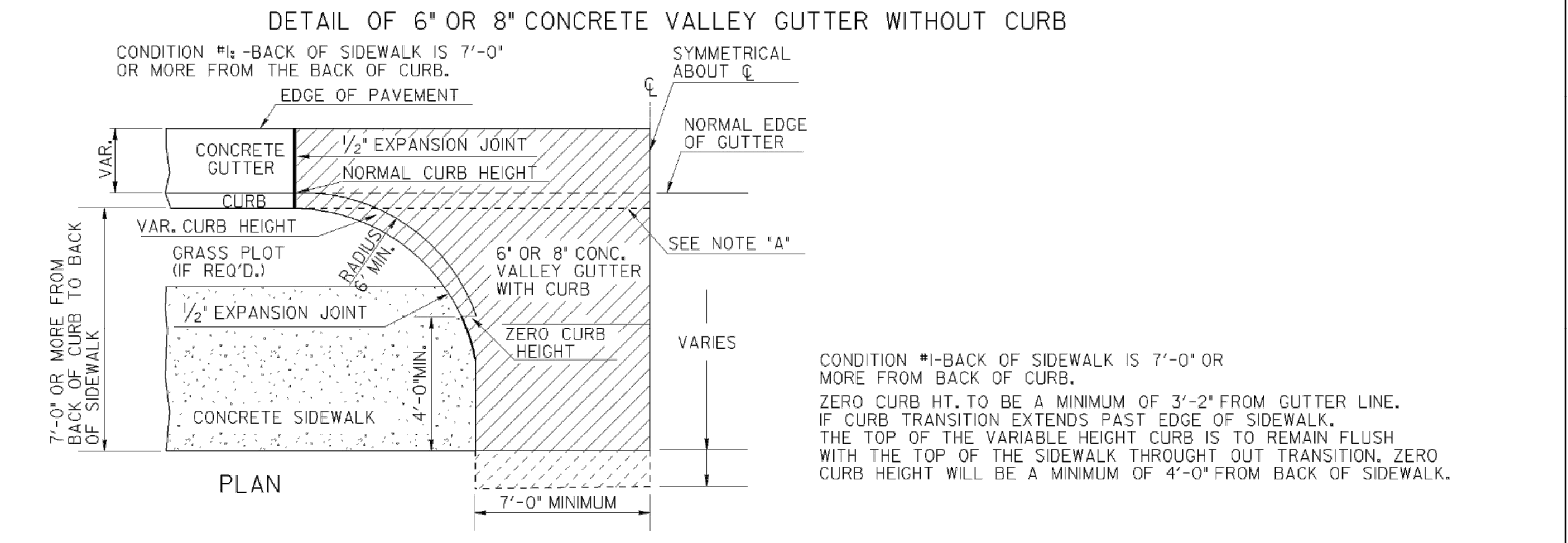
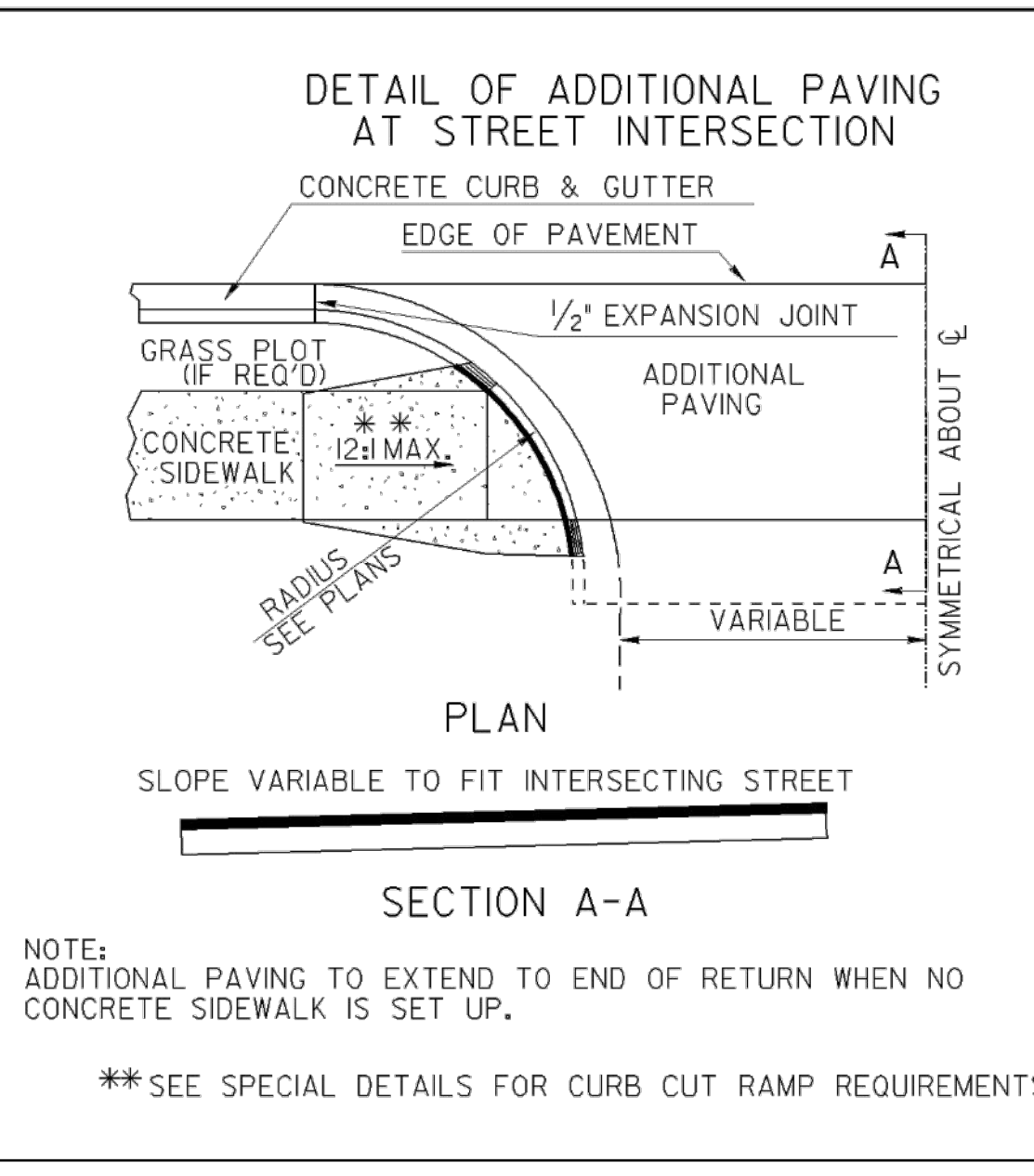
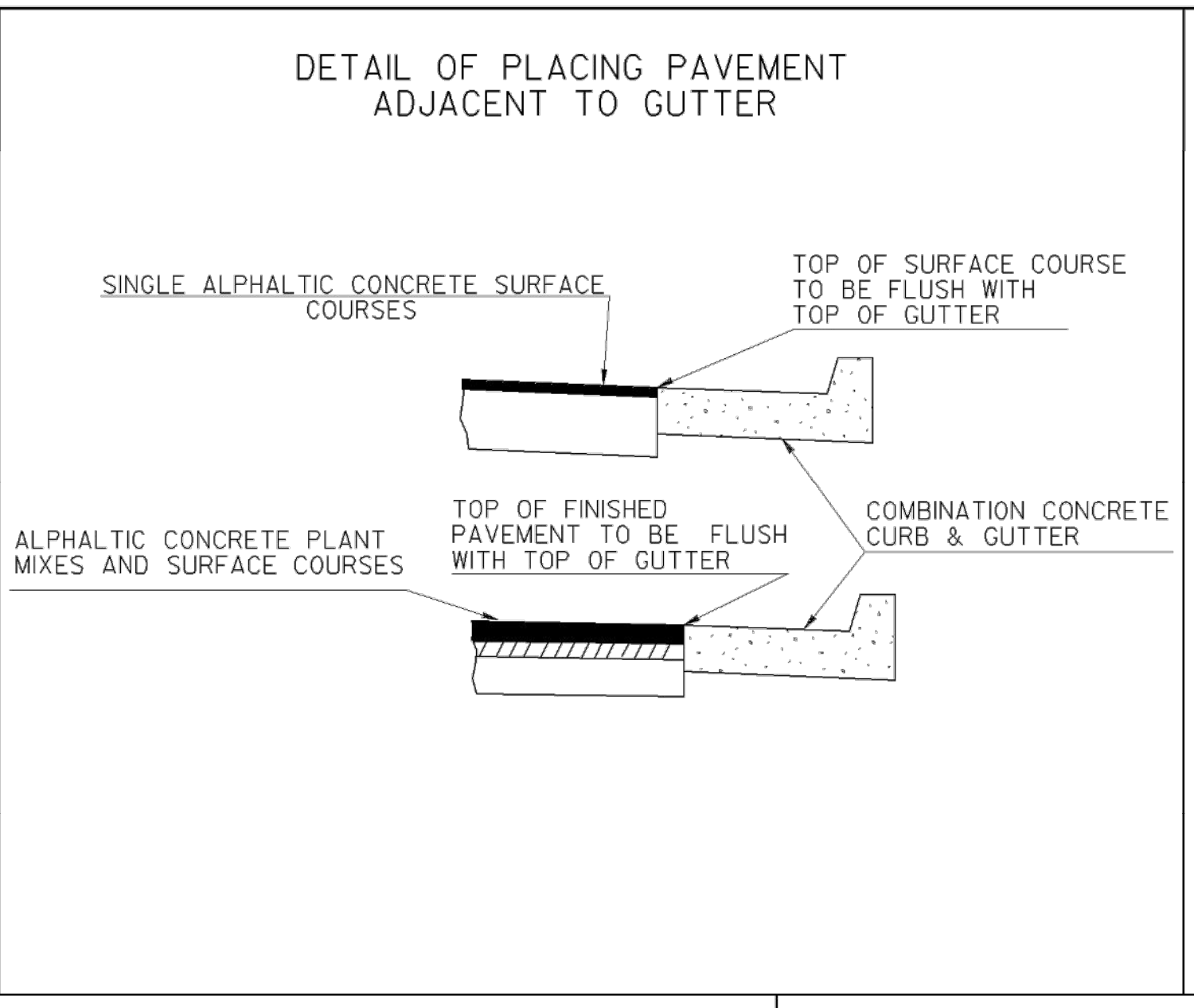
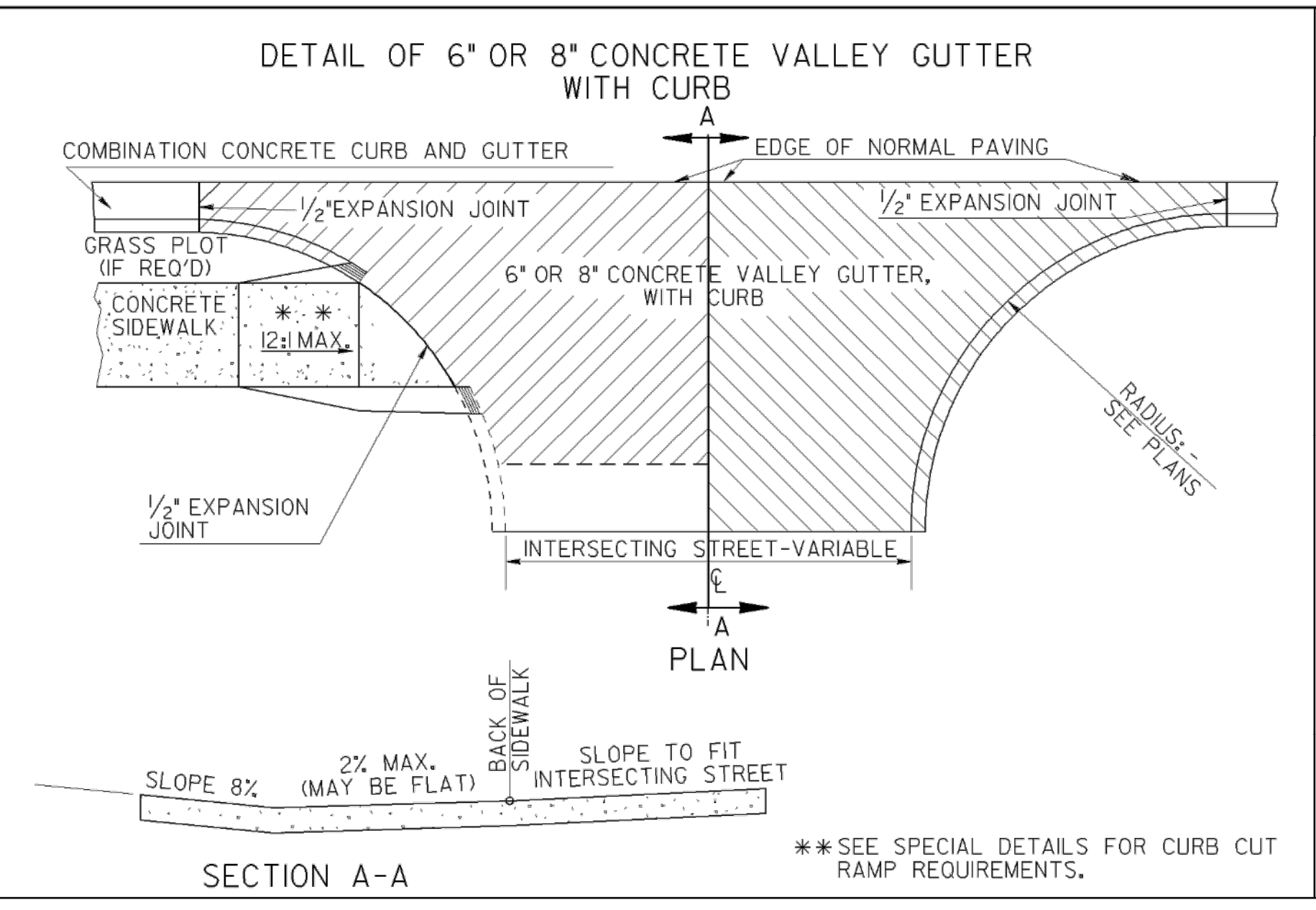
CONSTRUCTION DETAIL
 DRIVEWAYS WITH TAPERED
 ENTRANCES
 CONCRETE VALLEY GUTTERS

NO SCALE MARCH 12, 2002

NUMBER AI

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E. International Tower
 Suite 2100, Atlanta, Georgia 30303-0129
 404-571-4800 FAX: 404-571-7179
 www.robertandcompany.com



SEE SPECIAL DETAILS FOR DETAILS OF CONCRETE SIDEWALK.

This Detail Replaces Ga Standard 9031J
Guidelines For Usage On Metric Projects

When these details are incorporated into plans and/or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following "Rounded-Off" conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'-300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.

*PERCENTAGE OF ASCENDING GRADE MAY BE INCREASED AT A DISTANCE OF 23' FROM THE GUTTER LINE.

*PERCENTAGE DESCENDING GRADE MAY BE INCREASED AT A DISTANCE 18' FROM THE GUTTER LINE.

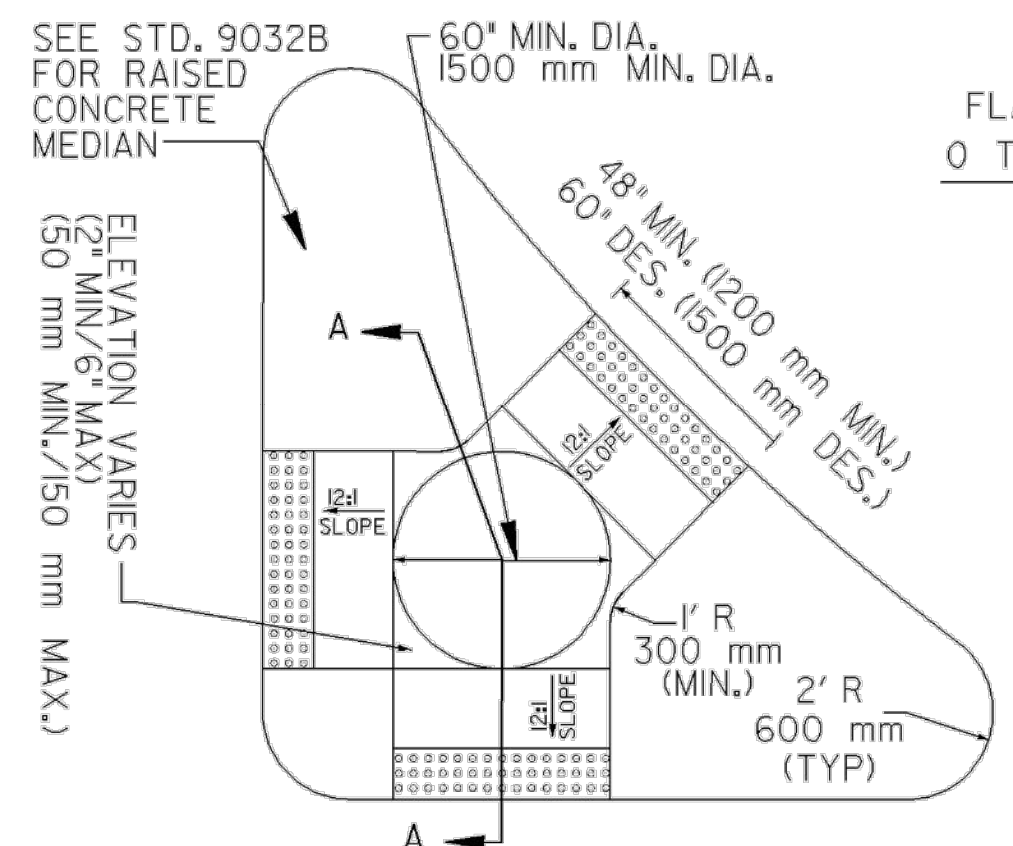
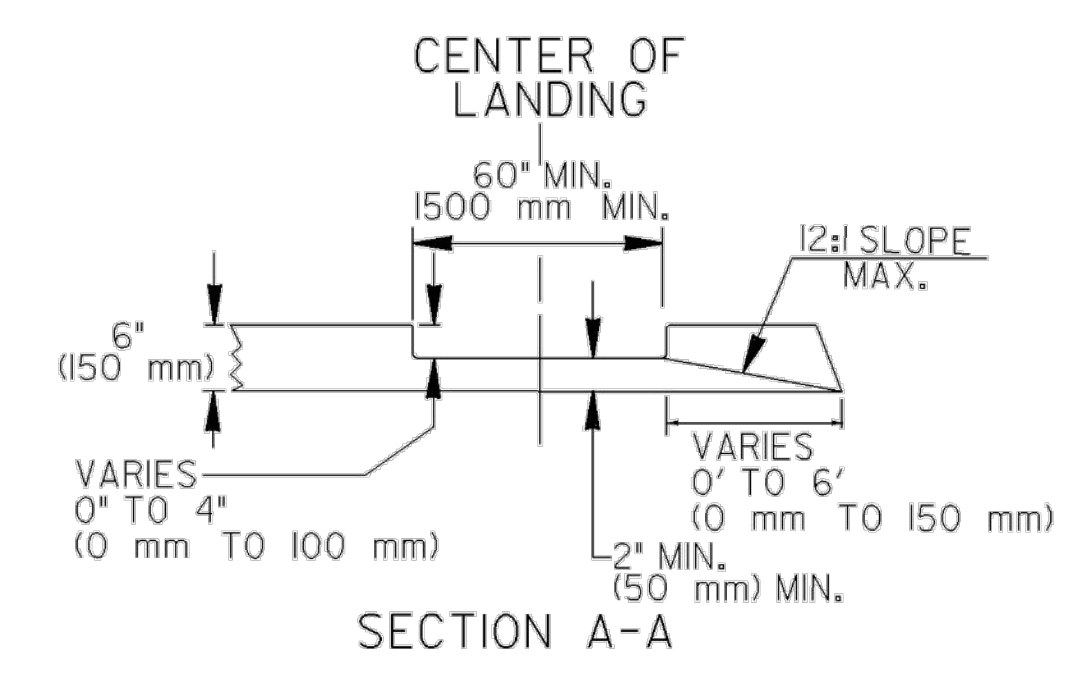
*NOTE: MAXIMUM DRIVEWAY GRADES SHOWN ABOVE ARE INTENDED FOR RESIDENTIAL DRIVEWAYS WHERE FLATTER GRADES ARE NOT FEASIBLE. GRADES FOR COMMERCIAL DRIVEWAYS OR FOR TRUCKS SHALL NOT BE GREATER THAN 11% UNLESS SPECIFIED OTHERWISE.

ADDED PAVEMENT NOTE, REV 7-21-11		DATE		DEPARTMENT OF TRANSPORTATION	
DRIVEWAY SECTION		APRIL 2022		STATE OF GEORGIA	
REV. PAVEMENT NOTES		SCALE		CONSTRUCTION DETAIL	
REVISED 2-21-03		AS SHOWN		CONCRETE VALLEY GUTTER AT STREET INTERSECTION	
REVISED 4-11-02		DRAWING TITLE		6" OR 8" CONCRETE VALLEY GUTTER AT DRIVE	
REVISED 4-3-02		DRAWING NO.		ADDITIONAL PAVING AT STREET INTERSECTION	
BY		NO SCALE		4' CORRUGATED CONCRETE MEDIAN	
		MARCH 12, 2002		NUMBER	
				A2	

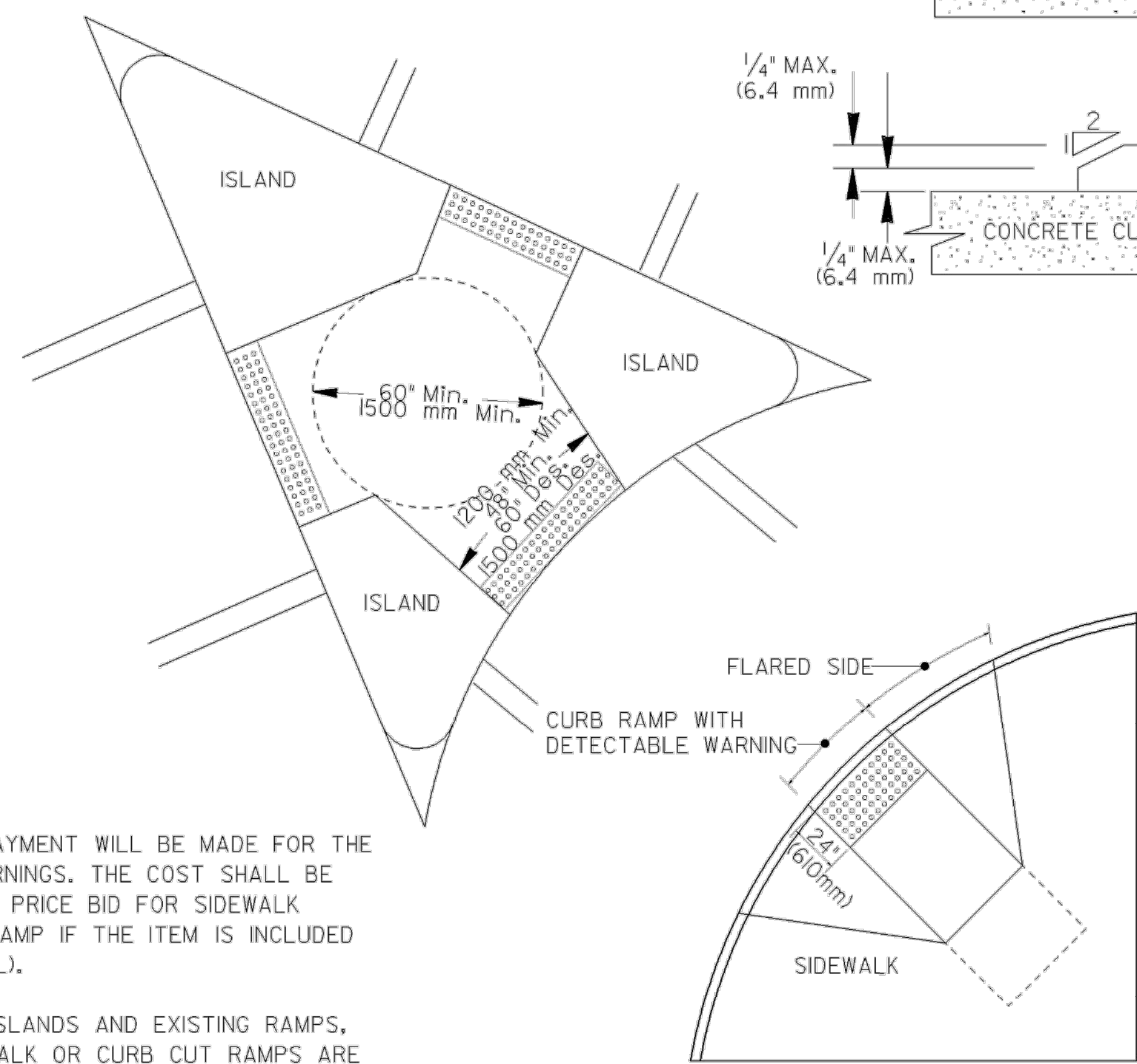
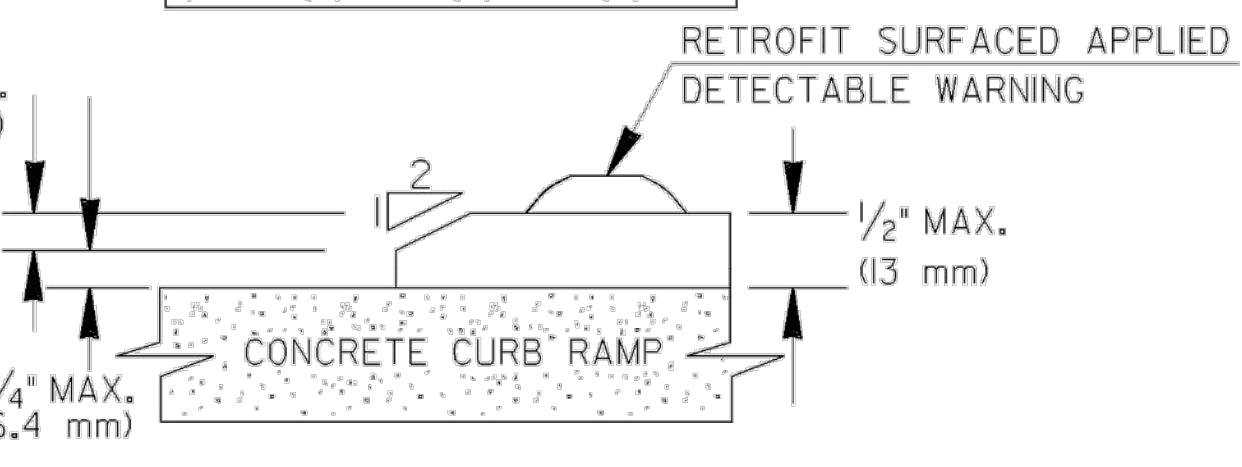
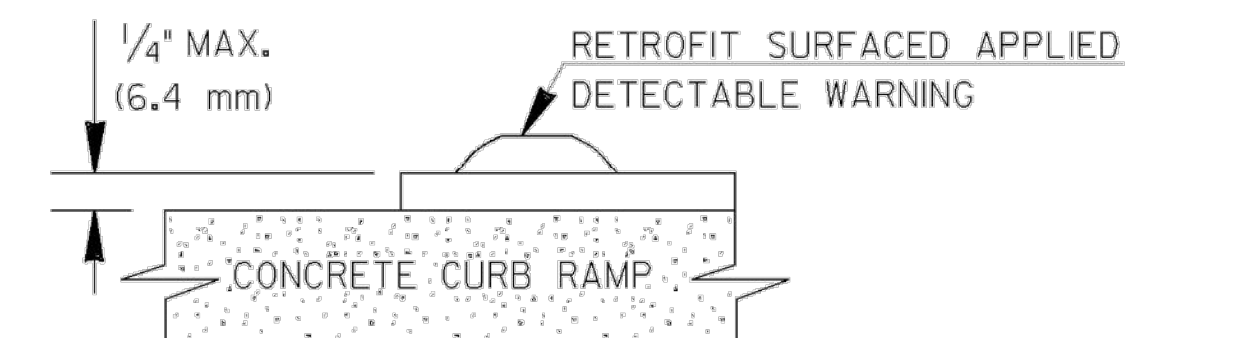
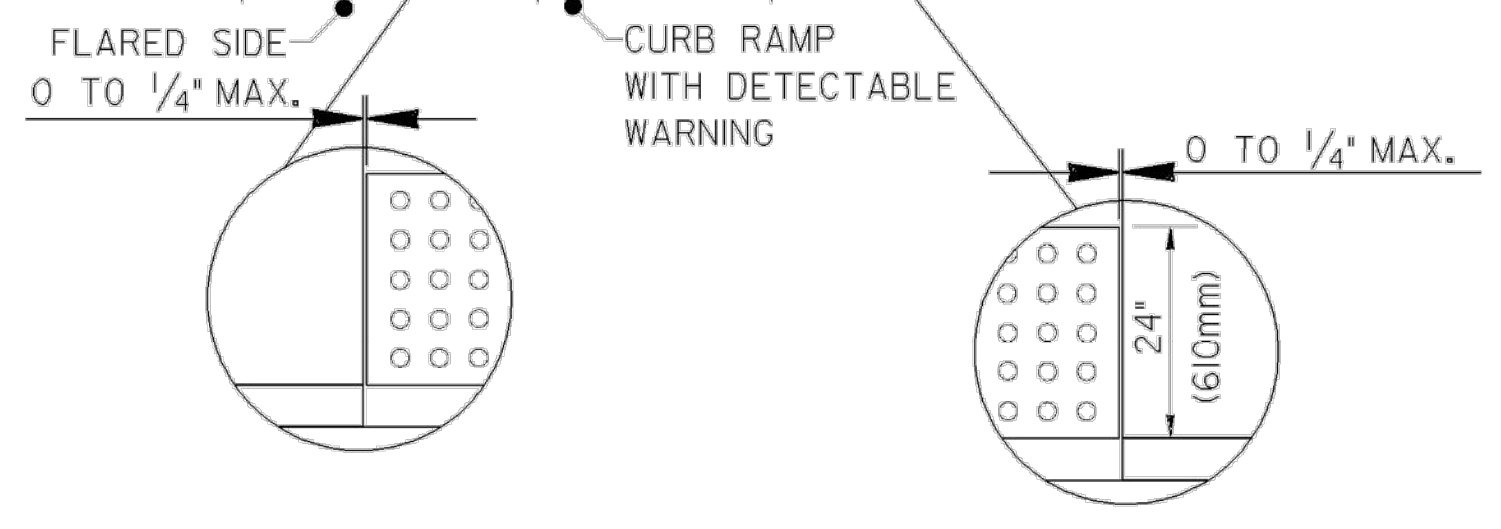
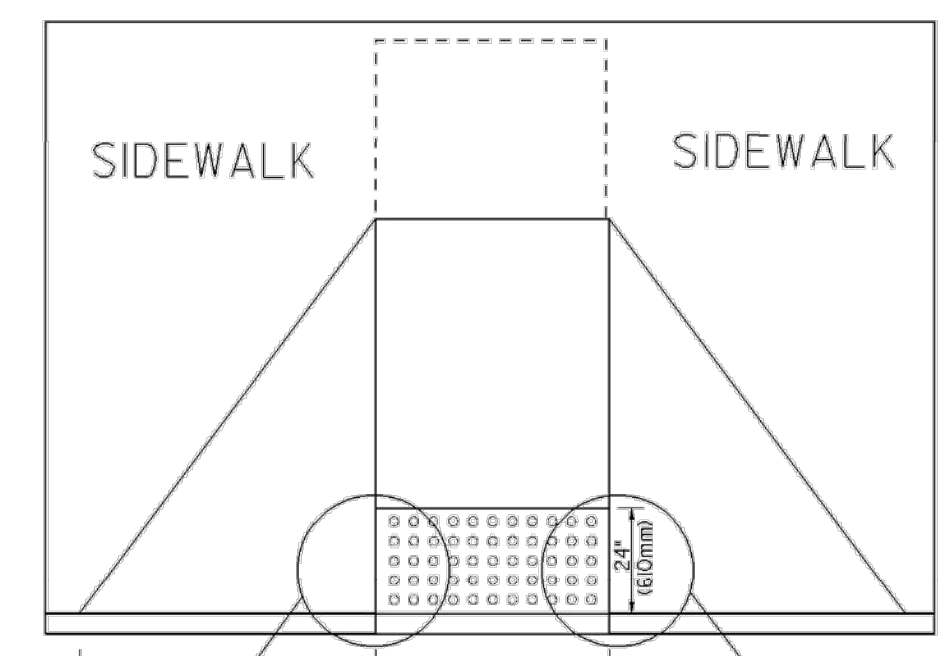
REVISION	DATE	BY	SYMBOL

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

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CONCRETE ISLAND WITH ELEVATED CUT THROUGH



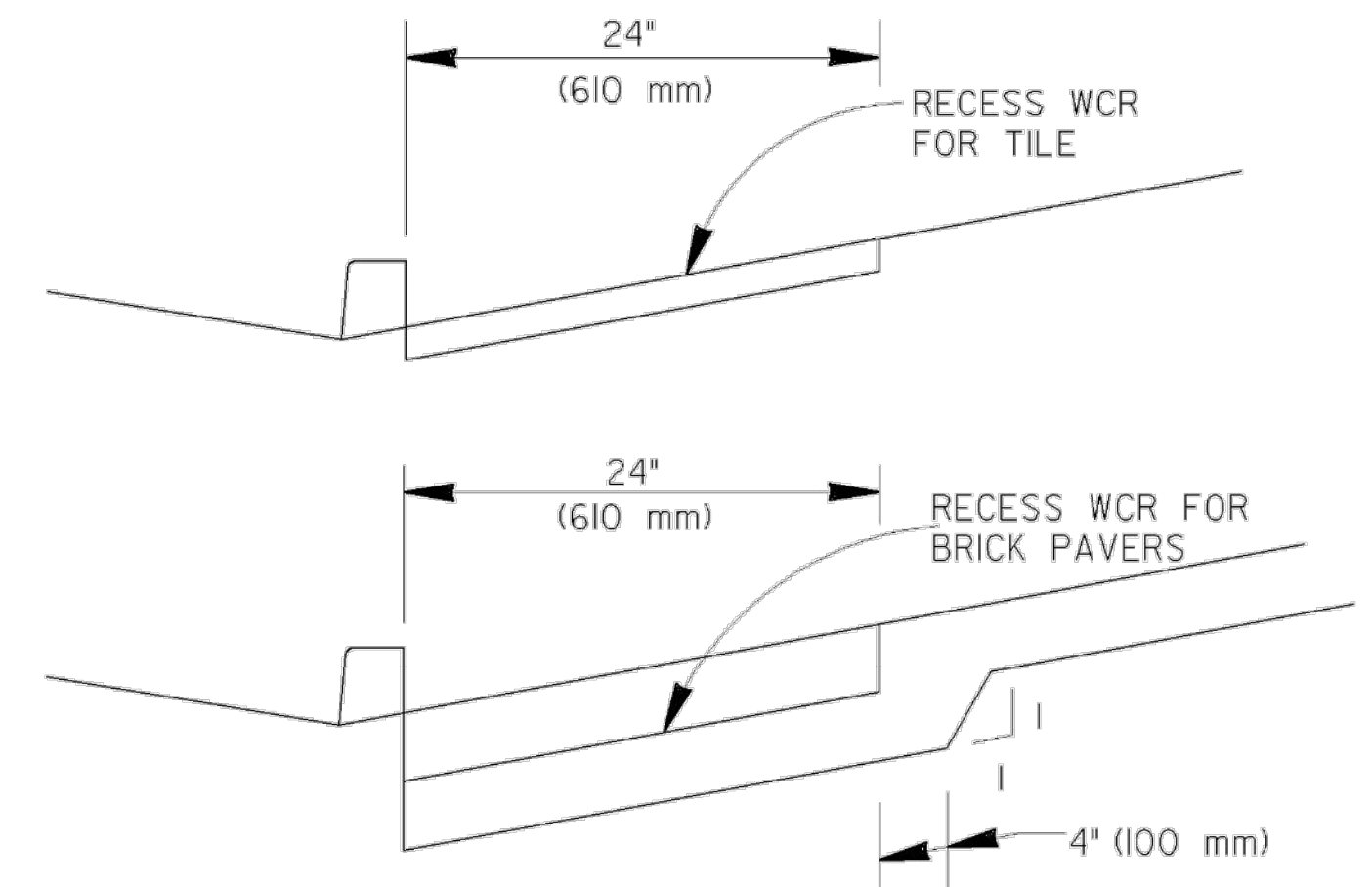
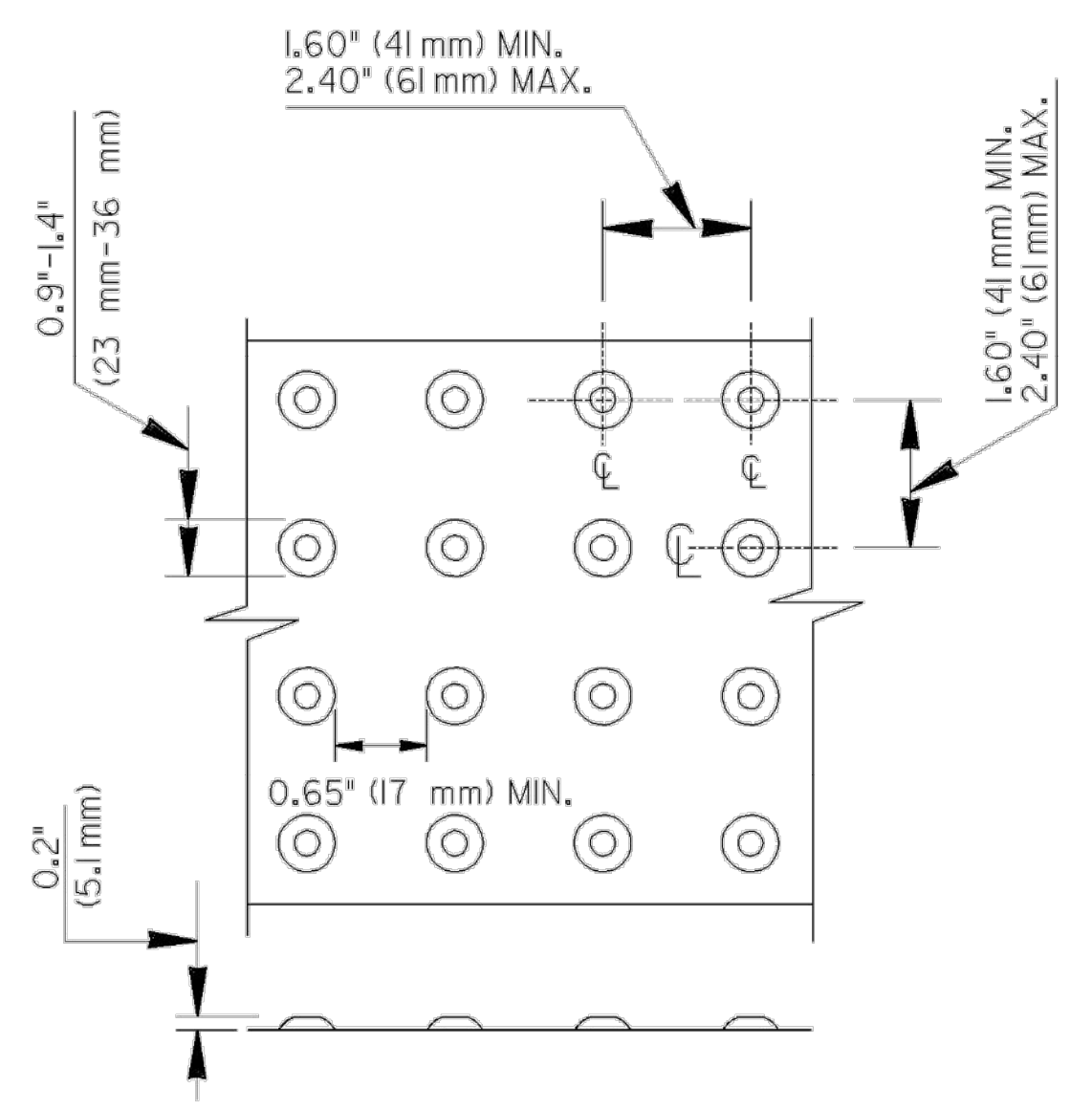
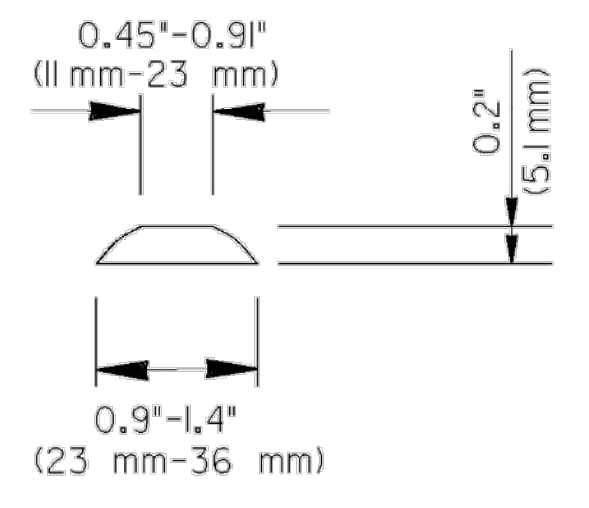
DETAIL FOR DETECTABLE WARNING AT CUT-THRU CONCRETE ISLAND

SIZE: DETECTABLE WARNINGS SHALL BE 24 INCHES (610 mm) IN THE DIRECTION OF PEDESTRAIN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

LOCATION: THE DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE OR OTHER POTENTIAL HAZARD IS 6 TO 8 INCHES (150 mm TO 180mm) FROM THE CURB LINE OR OTHER POTENTIAL HAZARD, SUCH AS A REFLECTIVE POOL EDGE OR THE DYNAMIC ENVELOPE OF RAIL OPERATIONS.

DOMES SIZE AND SPACING: TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH TO 1.4 INCH (23mm-36mm) AT THE BOTTOM, A DIAMETER OF 0.45 INCH TO 0.91 INCH (11mm-23mm) AT THE TOP, THE TOP DIAMETER SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMETER, A HEIGHT OF 0.2 INCH (5.1mm) AND A CENTER-TO-CENTER SPACING OF 2.40 INCHES (61mm) DESIRABLE 1.60 INCHES (41mm) MINIMUM MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT. DOMES SHALL HAVE A SQUARE ARRANGEMENT. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

VISUAL CONTRAST: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE VISUAL CONTRAST SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.



FOR TILE OR BRICK PAVERS NO VERTICAL LIP OVER 1/8" (3 mm) IS ALLOWED

MATERIALS:

NEW CONSTRUCTION

THE DETECTABLE WARNINGS SHALL BE MADE OF MATERIALS SPECIFIED ON QPL 87.

RETROFIT OF EXISTING RAMPS

SURFACED APPLIED MATERIALS WILL ONLY BE APPROVED TO BE USED ON EXISTING WHEELCHAIR RAMPS.

INSTALLATION:

BRICK PAVERS SHALL BE SET IN A WET MORTAR BED. THE BED SHALL BE PLACED ON CONCRETE. THE CONCRETE SHALL BE A MINIMUM OF 4" THICK.

CERAMIC TILE SHALL BE EPOXIED IN PLACE OR SET IN A WET MORTAR BED. MANUFACTURER RECOMMEND ADHESIVE OR FASTENER SHALL BE USED IN THE INSTALLATION.

ALL OTHER MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS DETAILS OR INSTRUCTION.

GENERAL NOTES:

RETROFIT SURFACED APPLIED MATERIALS ONLY:

1. CHANGES IN LEVEL OF 1/4" (6.4 mm) HIGH MAXIMUM SHALL BE PERMITTED VERTICALLY ON SURFACED APPLIED MATERIALS.
2. CHANGES IN LEVEL BETWEEN 1/4" (6.4 mm) HIGH MINIMUM AND 1/2" (13mm) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 2:1.

NO SEPARATE PAYMENT WILL BE MADE FOR THE DETECTABLE WARNINGS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR SIDEWALK (OR CURB CUT RAMP IF THE ITEM IS INCLUDED IN THE PROPOSAL).

FOR CUT-THRU ISLANDS AND EXISTING RAMPS, WHERE NO SIDEWALK OR CURB CUT RAMPS ARE IN THE PROPOSAL, THE COST OF THE DETECTABLE WARNINGS SHALL BE INCLUDED IN THE OVERALL BID PRICE SUBMITTED.

6-18-09		DATE		DEPARTMENT OF TRANSPORTATION	
GLO		BY		STATE OF GEORGIA	
GLO		BY		SPECIAL DETAIL	
GLO		BY		DETECTABLE WARNING SURFACE	
GLO		BY		TRUNCATED DOME SIZE, SPACING	
GLO		BY		AND ALIGNMENT REQUIREMENTS	
GLO		BY		NO SCALE	
GLO		BY		MARCH 12, 2022	
GLO		BY		NUMBER	
GLO		BY		A4	



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE
 DRAWING TITLE CONSTRUCTION DETAILS
 GDOT 'A' SERIES

DATE APRIL 2022
 SCALE AS SHOWN
 DRAWING NO. 38.08

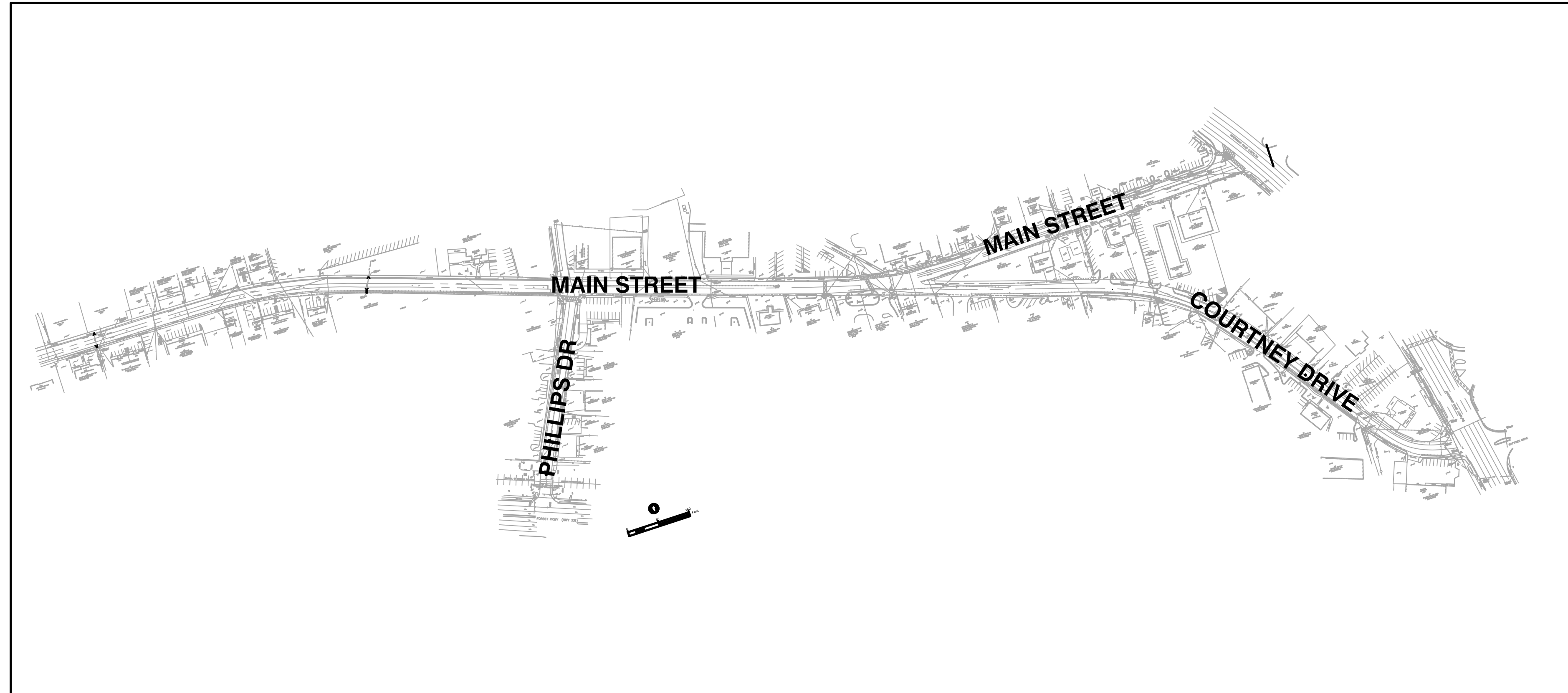
38.08

CITY OF FOREST PARK EROSION AND SEDIMENT CONTROL PLANS

LOCALLY FUNDED PROJECT

Clayton County

PHASE 2A - MAIN STREET



CONVENTIONAL SIGNS LEGEND

STATE, COUNTY, OR LAND LOT LINE	_____
CITY LIMIT LINE	_____
PROPERTY LINE	--- --- ---
SURVEY OR BASE LINE	_____
RIGHT OF WAY LINE	EXISTING _____
	REQUIRED _____
	LIMIT OF ACCESS ---o---o---o---
	R/W & LIMIT OF ACCESS --- --- ---
R/W MARKERS	---X---X---
FENCE	---X---X---
RAILROADS	==== ==== ====
POWER LINE	---P---P---
TELEPHONE LINE	---T---T---
POWER POLES	•
TELEPHONE OR TELEGRAPH POLES	•

NOTE:
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA", "STATE HIGHWAY DEPARTMENT", "GEORGIA STATE HIGHWAY DEPARTMENT", "HIGHWAY DEPARTMENT", OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA MEAN, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

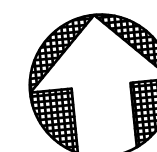
SURVEY & COORDINATE DATA
HORIZ. DATUM: NAD1983 GEORGIA WEST ZONE, STATE PLANE CO-ORDINATE SYSTEM
VERT. DATUM: NAVD 1988
X= 2,238,288
Y= 1,316,783
PROJECT UNITS: ENGLISH

FOREST PARK STREETScape	CLAYTON COUNTY	MILES
NET LENGTH OF RIGHT-OF-WAY GROSS		0.40
LENGTH OF EXCEPTIONS		0.00
GROSS LENGTH OF R/W		0.40
LENGTH OF ROADWAY		0.40

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

PROJECT MAP

SCALE: 1" = 200'



NORTH

200' 100' 0 200' 400'

1" = 200'- 0"

CONSTRUCTION DRAWINGS PREPARED BY:



DRAWING INDEX

COVER SHEET	ESG.01
NOTES AND LEGEND	ESG.02
EROSION CONTROL NOTES	ESG.03
HYDROLOGY MAP	ESG.04
INITIAL PHASE PLANS	ES.01 - ES.08
INTERMEDIATE PHASE PLANS	ES.21 - ES.28
FINAL PHASE PLANS	ES.41 - ES.48
EROSION AND SEDIMENT DETAILS	ES.100 - ES.101

BEFORE YOU DIG IN GEORGIA . . .
CALL US FIRST 1-800-282-7411

UNDER THE SUPERVISION OF: _____ MBK

APPROVED BY: _____

PREPARED BY: **Robert and Company**

PLANS COMPLETE DATE: 4/15/2022

THIS PROJECT IS LOCATED 100% IN CLAYTON COUNTY.

PROJECT NO. 2021008.20/1400400

COUNTY: CLAYTON



REVISION	BY	DATE	SYMBOL



SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETScape

DESIGNED	MMR	PROJECT NO.	2021008.20/1400400
DRAWN	JON	DRAWING TITLE	EROSION AND SEDIMENT CONTROL PLAN
CHECKED	MBK	SCALE	AS SHOWN
DATE	APRIL 2022	CITY OF FOREST PARK, GEORGIA	COVER SHEET

ESG.01

SEQUENCE OF CONSTRUCTION

INITIAL PHASE

1. ACQUISITION OF NOTICE OF INTENT IS RESPONSIBILITY OF OWNER AND CONTRACTOR. CONSTRUCTION WORK SHALL BEGIN FOURTEEN (14) DAYS AFTER NOI SUBMITTAL. NO WORK ONSITE SHALL BEGIN PRIOR TO THIS TIME.
2. PRE-CONSTRUCTION MEETING TO BE HELD ONSITE PRIOR TO COMMENCEMENT OF ACTIVITIES. CONTRACTOR TO SCHEDULE AND CONTACT ALL ATTENDEES TO INCLUDE, BUT NOT LIMITED TO, ENGINEER, AGENCY REPRESENTATIVES, OWNER, AND SUB-CONTRACTORS.
3. CONSTRUCTION ENTRANCE/EXIT TO BE CONSTRUCTED ONSITE.
4. SILT FENCE TO BE ERECTED ONSITE. THIS IS THE FIRST EROSION CONTROL MEASURE TO TAKE PLACE ONSITE AND CONTRACTOR MAY ONLY DISTURB THAT AREA NECESSARY TO ERECT FENCE.
5. CONTRACTOR SHALL INSTALL INLET PROTECTION ON EXISTING STORM DRAIN INLETS AS SHOWN.
6. WITHIN SEVEN DAYS AFTER INSTALLATION OF EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT ENGINEER, WHO MAINTAINS A GASWCC LEVEL II CERTIFICATION. 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 CONTACT THE ENGINEER FOR CHANGES TO THE PLANS.
7. CONTRACTOR TO BEGIN CLEARING AND GRUBBING.
8. MULCH AND SEED DISTURBED AND DENUDED AREAS.

INTERMEDIATE PHASE

1. CONTRACTOR TO BEGIN FINE GRADING ON SITE.
2. CONTRACTOR TO MODIFY EXISTING STORM DRAIN CONVEYANCE SYSTEM.
3. MULCH AND SEED DISTURBED AND DENUDED AREAS.

FINAL PHASE

1. FINAL GRADING TO BE PERFORMED BY CONTRACTOR.
2. FINAL SEEDING TO BE PERFORMED ONSITE.
3. ENGINEER AND/OR OWNER TO INSPECT SITE FOR CONSTRUCTION COMPLIANCE. CONTRACTOR TO REPAIR ITEMS DETERMINED UNSUITABLE.
4. TEMPORARY SEDIMENT CONTROL MEASURES TO BE REMOVED ONCE SITE IS STABILIZED AND ALL SEDIMENT THAT HAS ACCUMULATED IN STORM DRAIN CONVEYANCE SYSTEMS AND IN ANY OTHER PERTINENT AREA HAS BEEN REMOVED.
5. CONTRACTOR TO FILE FOR NOTICE OF TERMINATION. COPY TO BE PROVIDED TO ENGINEER AND OWNER.

SITE DESCRIPTION NOTES

EXISTING:

THE EXISTING SITE LOCATED IN FOREST PARK, GEORGIA, CLAYTON COUNTY, CONSISTS OF EXISTING STREETScape ALONG MAIN STREET, COURTNEY DRIVE, & PHILLIPS DRIVE WITH DRIVEWAYS, SIDEWALKS AND AMENITIES.

PROPOSED:

THE PROPOSED SCOPE OF WORK INVOLVES CONSTRUCTION OF STREETScape ALONG MAIN STREET AND COURTNEY DRIVE. INSTALLATION OF CURB AND GUTTER, NEW DRIVEWAYS, STREET LIGHTS, BENCHES, SIDEWALK, PAVERS, AND OTHER AMENITIES.

THE SITE HAS ONE SAMPLING POINT LOCATED AT THE OUTLET OF THE STORM DRAIN CONVEYANCE SYSTEM (SEE SHEET ES.100)

TOTAL SITE AREA 1.94 ACRES
DISTURBED AREA 0.46 ACRES

ALLOWABLE NTU VALUE: 50

EROSION CONTROL CERTIFICATION:

1. I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH LAND DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF STORM WATER OUTFALLS. THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100002.

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



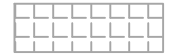








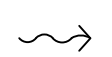
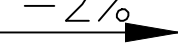


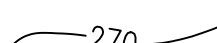

3. "I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE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



BRIAN KLUTTZ, PE

DESIGN PROFESSIONAL
EROSION AND SEDIMENT CONTROL CERT. # 6924

EROSION CONTROL LEGEND

NOTATION	DESCRIPTION	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (WITH MULCH)	
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)	
Du	DUST CONTROL	
Ch-V	VEGETATED CHANNEL	
Sd2-G	GRAVEL DROP INLET PROTECTION	
Sd2-Alt	ALTERNATIVE INLET SEDIMENT TRAP	
Sd1-NS	SILT FENCE - TYPE NS (Non-Sensitive areas) SEDIMENT BARRIER (TYPE C)	
St	STORM DRAIN OUTLET PROTECTION	
Cd-Hb	HAY BALES (Straw-bale Check Dams)	
Co	CONSTRUCTION EXIT	
SP #1	WATER QUALITY SAMPLING POINT	
	EXIST. SURFACE SLOPE LABELS (FLOW DIRECTION)	
	PRO. SURFACE SLOPE LABELS (FLOW DIRECTION)	
	LIMITS OF CONSTRUCTION	
	EXISTING CONTOURS	
	PROPOSED CONTOURS	
	LIMITS OF CONSTRUCTION	

EROSION AND SEDIMENTATION CONTROL SCHEDULE

TASK	MONTHS					
	1	2	3	4	5	6
INSTALL EROSION & SEDIMENTATION CONTROL MEASURES	█					
DEMOLITION AND GRUBBING	█	█				
GRADING	█	█	█			
STORM DRAIN CONVEYANCE SYSTEM CONSTRUCTION		█	█	█		
PAVING				█	█	
MARKING AND STRIPING					█	█
MAINTENANCE OF EROSION CONTROL MEASURES						█
FINAL STABILIZATION						█
REMOVAL OF EROSION CONTROL MEASURES						█

THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING NECESSARY PERMITS.

AMENDMENTS/REVISIONS TO THE PLANS, WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE ENGINEER.

MAINTENANCE STATEMENT - "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." CHANGES SHALL BE VERIFIED AND APPROVED BY ENGINEER PRIOR TO IMPLEMENTATION. PRACTICES WILL BE CHECKED DAILY.

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.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

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PROJECT NO.
2021008.20/1400400

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REVISION					
BY					
DATE					
SYMBOL					



LEVEL II CERTIFICATION #6924

SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA
PROJECT
FOREST PARK STREETScape

DATE
APRIL 2022
SCALE
AS SHOWN
DESIGNED
MMR
PROJECT NO.
2021008.20/1400400
DRAWING TITLE
EROSION AND SEDIMENT CONTROL NOTES AND LEGEND

DRAWING NO.

ESG.02

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- 1. 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. ALTHOUGH IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION, THE ENGINEER SHALL APPROVE ALL SUCH CHANGES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVISE THE PLANS TO REFLECT ALL THE CHANGES IN PHASING, INCLUDING ANY REVISIONS TO EROSION AND SEDIMENTATION CONTROL ITEM QUANTITIES. MAJOR MODIFICATION OR DELETION OF SPECIFIED STRUCTURAL BMPs, THAT ARE SPECIFIED IN THE SEDIMENT AND EROSION CONTROL PLANS, WILL REQUIRE A FORMAL REVISION OF THESE PLANS AND THE SIGNATURE OF A GSWCC LEVEL II DESIGN PROFESSIONAL. ADDITIONAL BMPs MAY BE ADDED AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- 2. GRADING OPERATIONS OR OTHER SOIL DISTURBING ACTIVITIES THAT ARE SUSPENDED FOR MORE THAN FOURTEEN (14) CALENDAR DAYS SHALL HAVE TEMPORARY VEGETATION, MULCHING, SILT FENCE AND/OR OTHER EROSION CONTROL MEASURES EMPLOYED TO PROTECT THE SOIL FROM EROSION, PER SEMINOLE COUNTY REQUIREMENTS.
- 3. GRADING OPERATIONS OR OTHER SOIL DISTURBING ACTIVITIES THAT ARE ABANDONED OR WITHOUT ACTIVITY FOR THIRTY (30) CALENDAR DAYS SHALL HAVE PERMANENT GRASSING, SILT FENCE AND/OR EROSION CONTROL MEASURES EMPLOYED TO PROTECT THE AREA. IF THE SITE INCLUDES PROPOSED ROADBEDS, IT SHALL BE REGRADED TO REMOVE ANY GRASS, WEEDS OR OTHER PARISHABLE MATTER PRIOR TO FINAL ACCEPTANCE OF SUBGRADE CODE SEC. 118-6(c)(17).
- 4. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
- 5. 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 IN SMALL QUANTITIES.
- 6. THE ESCAPE OF SEDIMENT SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
- 7. THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
- 8. NO BURN OR BURY PITS SHALL BE PERMITTED.
- 9. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- 10. ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS 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.
- 11. ALL DISTURBED AREAS LEFT MULCHED AFTER 14 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
- 12. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OF RAINFALL OR GREATER IN ACCORDANCE WITH PART IV.D.4.a.(2). 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.
- 13. 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.
- 14. CONTRACTOR SHALL INSPECT SEDIMENT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- 15. EROSION CONTROL MEASURES 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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.
- 16. 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.
- 17. 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 THE BARRIER. FENCING SHALL BE REPLACED OR REPAIRED AS NECESSARY.
- 18. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED.
- 19. EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS. CONTRACTOR TO ACQUIRE NECESSARY PERMITS.
- 20. SEDIMENT SHALL NOT BE WASHED INTO INLETS, BUT SHALL BE REMOVED FROM INLET PROTECTION DEVICES AND DISPOSED OF PER GOVERNING STANDARDS.
- 21. AMENDMENTS/REVISIONS TO THE EROSION AND SEDIMENT CONTROL PLAN, WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT, MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

PETROLEUM SPILLS & LEAKS

- 1. ANY LEAKS OR SPILLS OF PETROLEUM PRODUCTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTAIN, CONTROL, AND REMEDIATE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL GUIDELINES, ORDINANCES, AND LAWS.
- 2. CONTROL OF POLLUTANTS: POLLUTANTS OR POTENTIALLY HAZARDOUS MATERIALS, SUCH AS FUELS, LUBRICANTS, LEAD PAINT, CHEMICALS OR BATTERIES, SHALL BE TRANSPORTED, STORED AND UTILIZED IN A MANNER TO PREVENT LEAKAGE OR SPILLAGE INTO THE ENVIRONMENT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPER AND LEGAL DISPOSAL OF ALL SUCH MATERIALS. EQUIPMENT, ESPECIALLY CONCRETE OR ASPHALT TRUCKS, SHALL NOT BE WASHED OR CLEANED OUT ON THE PROJECT SITE, EXCEPT IN DESIGNATED AREAS WHERE UNUSED PRODUCT CONTAMINANTS CAN BE PREVENTED FROM ENTERING WATERWAYS.

WASTE DISPOSAL

- 1. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 2. THE CONTRACTOR SHALL FOLLOW THE EROSION AND SEDIMENT CONTROL PLANS AND ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS, SANI-HUT LOCATION TO BE DETERMINED BY CONTRACTOR AND NOTED ON PLANS IN FIELD.

POLLUTION CONTROL AND INSPECTIONS:

THE CONTRACTOR SHALL PROVIDE WATER TANKER TRUCKS, OR CALCIUM CHLORIDE FOR AIR POLLUTION DUST CONTROL DURING CONSTRUCTION.

- 1. THE FOLLOWING STORMWATER DISCHARGES FROM CONSTRUCTION SITES ARE NOT AUTHORIZED BY THIS PERMIT:
 - A. STORMWATER DISCHARGES ASSOCIATED WITH AN INDUSTRIAL ACTIVITY THAT ORIGINATES FROM THE SITE AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.
 - B. DISCHARGES THAT ARE MIXED WITH SOURCES OF NON-STORMWATER OTHER THAN DISCHARGES WHICH ARE IDENTIFIED IN PART III.A.2 OF THIS PERMIT AND WHICH ARE IN COMPLIANCE WITH PART IV.D.6 (NON-STORMWATER DISCHARGES) OF THIS PERMIT.
 - C. STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY THAT ARE SUBJECT TO AN EXISTING NPDES INDIVIDUAL OR GENERAL PERMIT. SUCH DISCHARGES MAY BE AUTHORIZED UNDER THIS PERMIT AFTER AN EXISTING PERMIT EXPIRES PROVIDED THE EXISTING PERMIT DID NOT ESTABLISH NUMERIC LIMITATIONS FOR SUCH DISCHARGES.
 - D. STORMWATER DISCHARGES FROM CONSTRUCTION SITES THAT THE DIRECTOR (EPD) HAS DETERMINED TO BE OR MAY REASONABLY BE EXPECTED TO BE CONTRIBUTING TO A VIOLATION OF A WATER QUALITY STANDARD.
- 2. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. 12-14-2, ET SEQ.) 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD.
- 3. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ONSITE SPILL PART 391-3-6-03.

WATER QUALITY COMPLIANCE PART I.C.4

ALL DISCHARGES AUTHORIZED BY THIS PERMIT SHALL NOT CAUSE VIOLATIONS OF GEORGIA'S IN-STREAM WATER QUALITY STANDARDS AS PROVIDED BY THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 391-3-6-03

SAMPLING METHODOLOGY PART IV.D.5

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

- 1. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
- 2. LARGE MOUTH, CLEAN AND RINSED GLASS OR PLASTIC JARS WITH A MINIMUM SAMPLE SIZE OF 200 MILLILITERS SHOULD BE USED FOR COLLECTING SAMPLES.
- 3. SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORMWATER OUTFALL CHANNEL(S).
- 4. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
- 5. MANUAL, AUTOMATIC, OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED.
- 6. IF MANUAL SAMPLING IS EMPLOYED, THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM. THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS, AND CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORMWATER CHANNEL.
- 7. THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN AT THE DISCHARGE FARTHEST UPSTREAM AT THE SITE, BUT DOWNSTREAM OF ANY OTHER STORMWATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
- 8. THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN AT THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE BUT UPSTREAM OF ANY OTHER STORMWATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
- 9. PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT.
- 10. DILUTION OF SAMPLES IS NOT REQUIRED.
- 11. SAMPLES MAY BE ANALYZED USING A DIRECT READING FROM A PROPERLY CALIBRATED TURBIDIMETER.
- 12. SAMPLES ARE REQUIRED TO BE COOLED TO 4 DEGREES CELSIUS.
- 13. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THE PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART I.V.E OF THE PERMIT.
- 14. TURBIDITY RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU".

SAMPLING FREQUENCY PART IV.D.5d

- 1. SAMPLING FREQUENCY SHALL OCCUR IN ACCORDANCE WITH PART IV.D.5d OF THE PERMIT.
- 2. FOR A QUALIFYING EVENT, SAMPLES MUST BE TAKEN WITHIN FORTY-FIVE (45) MINUTES OF:
 - A. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL FOR THE QUALIFYING EVENT, IF THE STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL HAS BEGUN PRIOR TO THE ACCUMULATION.
 - B. THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL FOR THE QUALIFYING EVENT.
 - C. WHERE MANUAL AND AUTOMATIC SAMPLING ARE NOT IMPOSSIBLE (AS DEFINED IN THE PERMIT), OR CASE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORMWATER DISCHARGE.

POLLUTION CONTROL AND INSPECTIONS (CONT.):

SAMPLING FREQUENCY PART IV.D.5d

- D. NORMAL BUSINESS HOURS, AS DEFINED BY THE PERMIT, ARE MONDAY THROUGH FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE.
- 3. SAMPLING SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM:
 - A. THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION.
 - B. THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS EITHER 30 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATION HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION.
- 4. IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN 2 BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED.
- 5. THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF NO. 5.1 AND NO. 5.2 BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING AT ANY TIME OF THE DAY OR WEEK.

WATER QUALITY MONITORING PROCEDURES GENERAL NOTES

- 1. THE RECEIVING WATERS AND OUTFALLS MUST BE MARKED IN ACCORDANCE WITH THE MONITORING POINTS SHOWN ON THIS PLAN. ALL MONITORING LOCATIONS SHALL BE SAMPLED WITH A SIGN AT THE SAMPLING LOCATION.
- 2. AUTOMATIC OR MANUAL SAMPLERS MAY BE UTILIZED.
- 3. MEASUREMENT OF RAINFALL MUST BE RECORDED DAILY (ONCE EACH TWENTY-FOUR HOUR PERIOD) AT THE SITE. A RAIN GAUGE MUST BE INSTALLED ON SITE PRIOR TO ANY GRADING ACTIVITY AND SHALL BE PLACED IN AN AREA WHERE IT WILL NOT BE DAMAGED OR COLLECT RAINFALL DIRECTLY OFF ROOFTOPS.
- 4. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED). THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.
- 5. SAMPLES REQUIRED SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION.
- 6. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED MUST BE REPORTED TO EPD BY THE 15TH DAY OF THE MONTH FOLLOWING EACH RAIN EVENT.
- 7. FOR A QUALIFYING EVENTS, SAMPLES MUST BE TAKEN WITHIN FORTY-FIVE (45) MINUTES OF:
 - A. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL, IF THE STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL HAS BEGUN AT OR PRIOR TO THE ACCUMULATION, OR
 - B. THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL.
- 8. THE PERMITTED INCREASE OF NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL MONITORING POINT IS 25.
- 9. CONTRACTOR MUST HAVE ONE (1) LEVEL IA REPRESENTATIVE ON SITE AT ALL TIMES DURING LAND DISTURBING ACTIVITY.
- 10. CONTRACTOR TO UTILIZE DAILY RAINFALL LOG, BMP INSPECTION REPORT, SITE INSPECTION REPORT, INSPECTION SUMMARY, DAILY/WEEKLY/MONTHLY INSPECTION REPORTS, STORMWATER MONITORING REPORT, STORMWATER DISCHARGE DATA AND OTHER FORMS FOUND IN APPENDIX B OF CONTRACT DOCUMENTS TO MONITOR SEDIMENT AND EROSION CONTROL PRACTICES THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
- 11. ALL FORMS (NOTICE OF INTENT, NOTICE OF TERMINATION, ETC.), PLANS, REPORTS, ETC., MUST BE MAINTAINED BY THE PRIMARY PERMITTEE FOR THREE (3) YEARS FOLLOWING THE FINAL DATE OF STABILIZATION FOR THE PROJECT.

RECORD RETENTION

THE PRIMARY PERMITTEE SHALL RETAIN RECORDS IN ACCORDANCE TO SECTION IV.F OF THE PERMIT. RECORDS SHALL INCLUDE, BUT MAY NOT BE LIMITED TO:

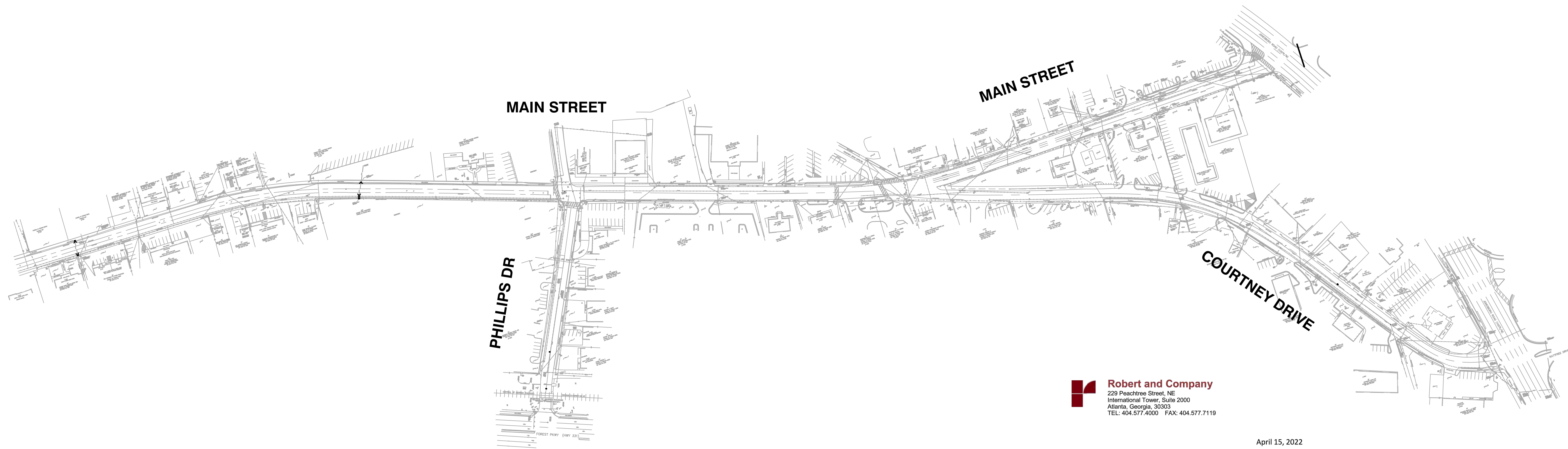
- 1. ALL NOTICES OF INTENT SUBMITTED TO EPD
- 2. CONTRACTOR TO UTILIZE DAILY RAINFALL LOG, BMP INSPECTION REPORT, SITE INSPECTION REPORT, INSPECTION SUMMARY, DAILY/WEEKLY/MONTHLY INSPECTION REPORTS, STORMWATER MONITORING REPORT, STORMWATER DISCHARGE DATA AND OTHER FORMS FOUND IN APPENDIX B OF CONTRACT DOCUMENTS TO MONITOR SEDIMENT AND EROSION CONTROL PRACTICES THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
- 3. ALL FORMS (NOTICE OF INTENT, NOTICE OF TERMINATION, ETC.), PLANS, REPORTS, ETC., MUST BE MAINTAINED BY THE PRIMARY PERMITTEE FOR THREE (3) YEARS FOLLOWING THE FINAL DATE OF STABILIZATION FOR THE PROJECT.
- 4. INSPECTION REPORTS
- 5. VIOLATION SUMMARIES AND NOTICES

SEEDING SCHEDULE

- 1. SOUTHERN COASTAL PLAIN TO BE FOLLOWED FOR SEEDING OF THIS PROJECT.
- 2. SLOPE AS SHOWN ON THE DRAWINGS.
- 3. SEEDING SCHEDULE BASED ON PURE LIVE SEED. ADJUST SEEDING AS NECESSARY TO ACHIEVE RATES SHOWN IN CHART.
- 4. ALL SEEDING SCHEDULES FOUND IN THE SPECIFICATIONS, CONTRACTOR TO PROVIDE SEEDING SCHEDULES TO HIS CREW WHERE NECESSARY.

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
PROJECT NAME: FOREST PARK STREETSCAPE
ADDRESS: MAIN STREET FOREST PARK, GA 30297
CITY/COUNTY: FOREST PARK, CLAYTON COUNTY
DATE ON PLANS: APRIL 15, 2022
NAME & EMAIL OF PERSON FILING OUT CHECKLIST: JEROME NARAIN, JNARAIN@ROBERTCO.COM
TO BE SHOWN ON ES&PC PLAN
1. The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
2. Level II certification number issued by the Commission, signature and seal of the certified design professional.
3. The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
4. Provide the name, address, email address, and phone number of primary permittee.
5. Note total and disturbed acreages of the project or phase under construction.
6. Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
7. Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
8. Descriptions of the nature of construction activity and existing site conditions.
9. Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
10. Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
11. Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.
12. Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit.
13. Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of the permit as applicable.
14. Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after initiation."
15. Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of vested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdiction Determination Line without first acquiring the necessary variances and permits."
16. Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
17. Clearly note the statement that "Amendment/Revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."
18. Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit."
19. Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
20. Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
21. Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
22. Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Bolus Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.
23. If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.
24. BMPs for concrete washdown of booms, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.
25. Provide BMPs for the remediation of all petroleum spills and leaks.
26. Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.
27. Description of practices to provide cover for building materials and building products on site.
28. Description of the practices that will be used to reduce the pollutants in storm water discharges.
29. Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
30. Provide complete requirements of Inspections and record keeping by the primary permittee.
31. Provide complete requirements of Sampling Frequency and Reporting of sampling results.
32. Provide complete details for Retention of Records as per Part IV.F. of the permit.
33. Description of analytical methods to be used to collect and analyze the samples from each location.
34. Appendix B rationale for NTU values at all outlet sampling points where applicable.
35. Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable.
36. A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase.
37. Graphic scale and North arrow.
38. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours USGS 1" 2000 Topographical Sheets Proposed Contours 1" 400 Centerline Profile
39. Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gawcc.georgia.gov.
40. Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.
41. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
42. Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
43. Delineation and acreage of contributing drainage basins on the project site.
44. Delineate on-site drainage and off-site watersheds using USGS 1" 2000 topographical sheets.
45. An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
46. Storm drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
47. Soil series for the project site and their delineation.
48. The limits of disturbance for each phase of construction.
49. Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, runoff detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not obtainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not obtainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
50. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
51. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
52. Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.
* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.

PROJECT NO. 2021008.20/1400400
COUNTY: CLAYTON
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30309-1629 404-571-4000 FAX: 404-577-7179 www.robertandcompany.com
CITY OF FOREST PARK, GEORGIA
FOREST PARK STREETScape
EROSION AND SEDIMENT CONTROL NOTES
APRIL 2022
AS SHOWN
SCALE
DESIGNED: MMR DATE: APRIL 2022
DRAWN: JON DATE: APRIL 2022
CHECKED: MBK DATE: APRIL 2022
PROJECT NO.: 2021008.20/1400400
DRAWING TITLE: EROSION AND SEDIMENT CONTROL NOTES
DRAWING NO.:
SHEET 92 OF 130
Effective January 1, 2021



1 HYDROLOGY MAP
ESG.04 N.T.S.

NOTE:
ALL AREAS ARE SHOWN IN SQUARE FEET

Robert and Company
229 Peachtree Street, NE
International Tower, Suite 2000
Atlanta, Georgia, 30303
TEL: 404.577.4000 FAX: 404.577.7119

April 15, 2022

Re: Forest Park Streetscape Project, GA
File:

Justification of Alternative BMP (Silt Fence) for Sediment Storage Minimum Requirement.

This letter is intended to provide justifications/calculations for alternative erosion sediment control bmp for the above mentioned project.

The reason for the use of alternative control for this particular project is because the use of traditional sediment pond in a roadway environment could pose hazards to public safety. It is common practice in roadway engineering to minimize excavations in close proximity to the roadways.

Also, the scope of land disturbance on this project is minimal and limited to a linear area of roadway and better protected by Silt fence.

It is our professional opinion that through the use of Silt fence as an alternative erosion & sediment sediment control, in addition to other bmps shown on the erosion and sediment control plans, Stormwater and sediment runoff generated from this project would be managed effectively.

The minimum required amount of sediment storage is: 67 cy per acre

For this project, the disturbed acreage is 0.46 acres, therefore 67 CY/Acre X 0.46Acre = 31 CY

0.02 CY/LF = (31CY/1687 LF)

The minimum required length of Type A or C silt fence is 1687 LF.

This project proposes approximately 4,018 LF of silt fence and far exceeds the minimum amount of sediment storage required for this project.

Please contact me at our office with further questions or concerns.

Sincerely,

Brian Kluttz, PE
Brian Kluttz

www.robertandcompany.com

PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON

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Engineers, Designers, Planners
229 Peachtree Street, NE, International Tower
Suite 2000, Atlanta, Georgia 30303-1629
404-577-4000 FAX: 404-577-7119
www.robertandcompany.com

SYMBOL	DATE	BY	REVISION



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PROJECT
FOREST PARK STREETSCAPE

DESIGNED
MMR
PROJECT NO.
2021008.20/1400400
DRAWING TITLE
EROSION AND SEDIMENT CONTROL PLAN
HYDROLOGY MAP

CHECKED
MBK
DATE
APRIL 2022
SCALE
AS SHOWN

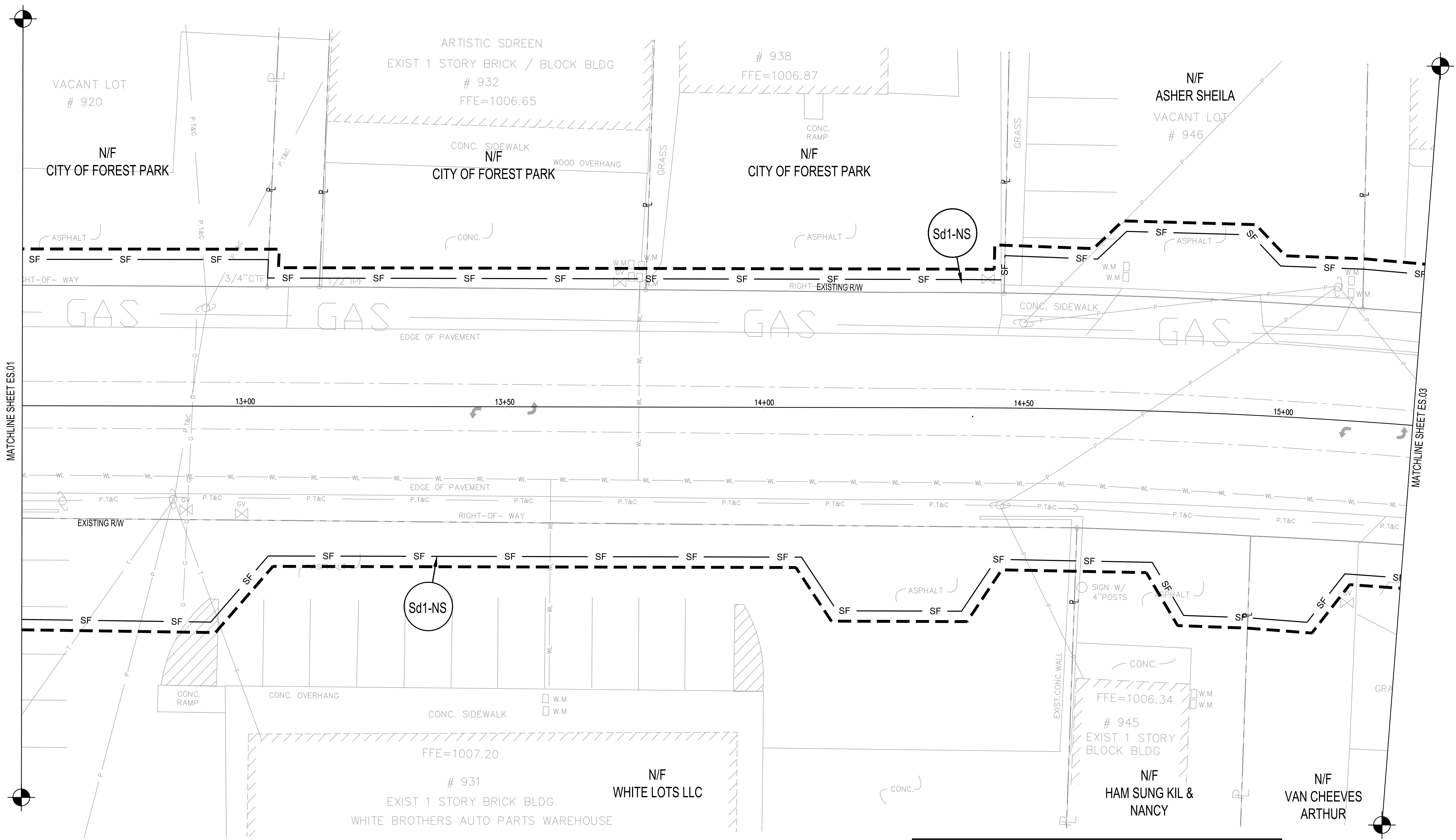
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SYMBOL	DATE	BY	REVISION

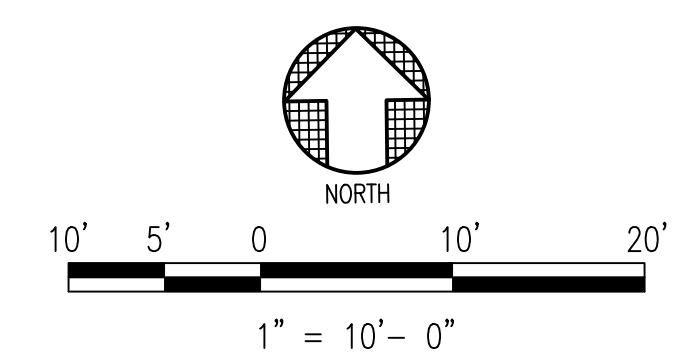
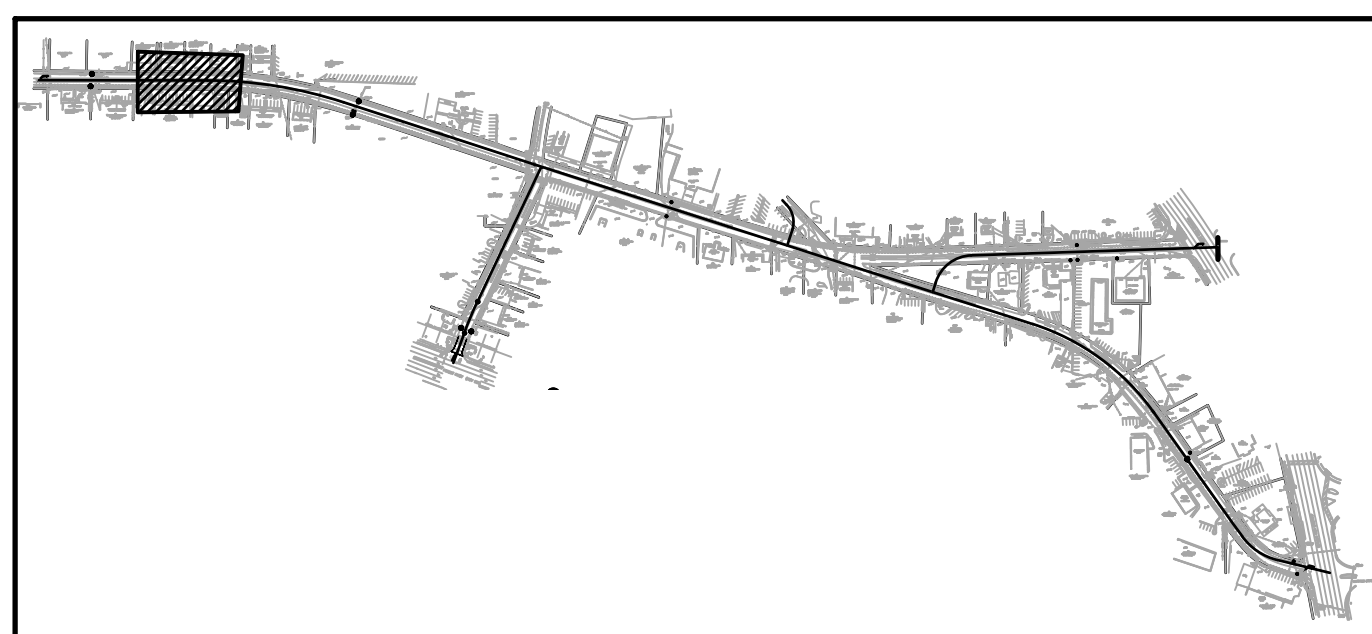


SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

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 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE (SHEET 2 OF 8)
 PROJECT NO.: 2021008.20/1400400
 DRAWING NO.: ES.02
 CHECKED: MBK
 DATE: APRIL 2022
 SCALE: AS SHOWN



1 EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
 ES.02 SCALE: 1" = 10'



MATCHLINE SHEET ES.01

MATCHLINE SHEET ES.03

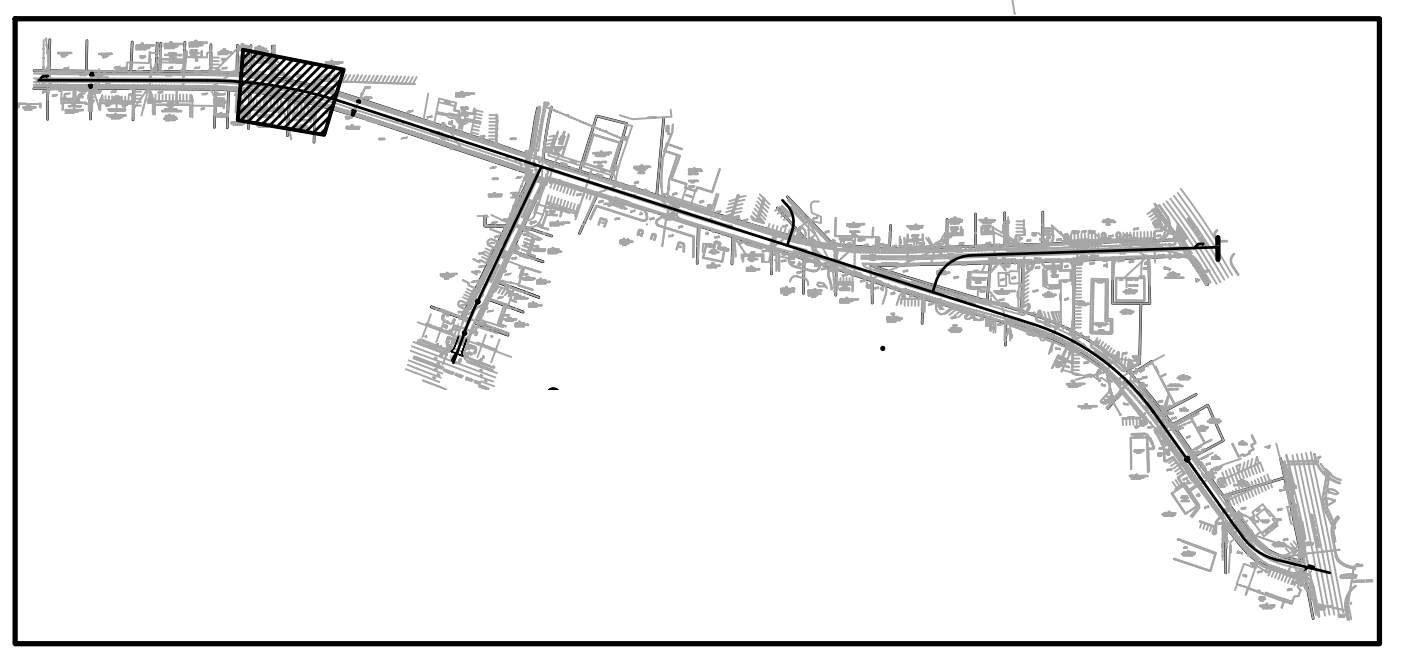
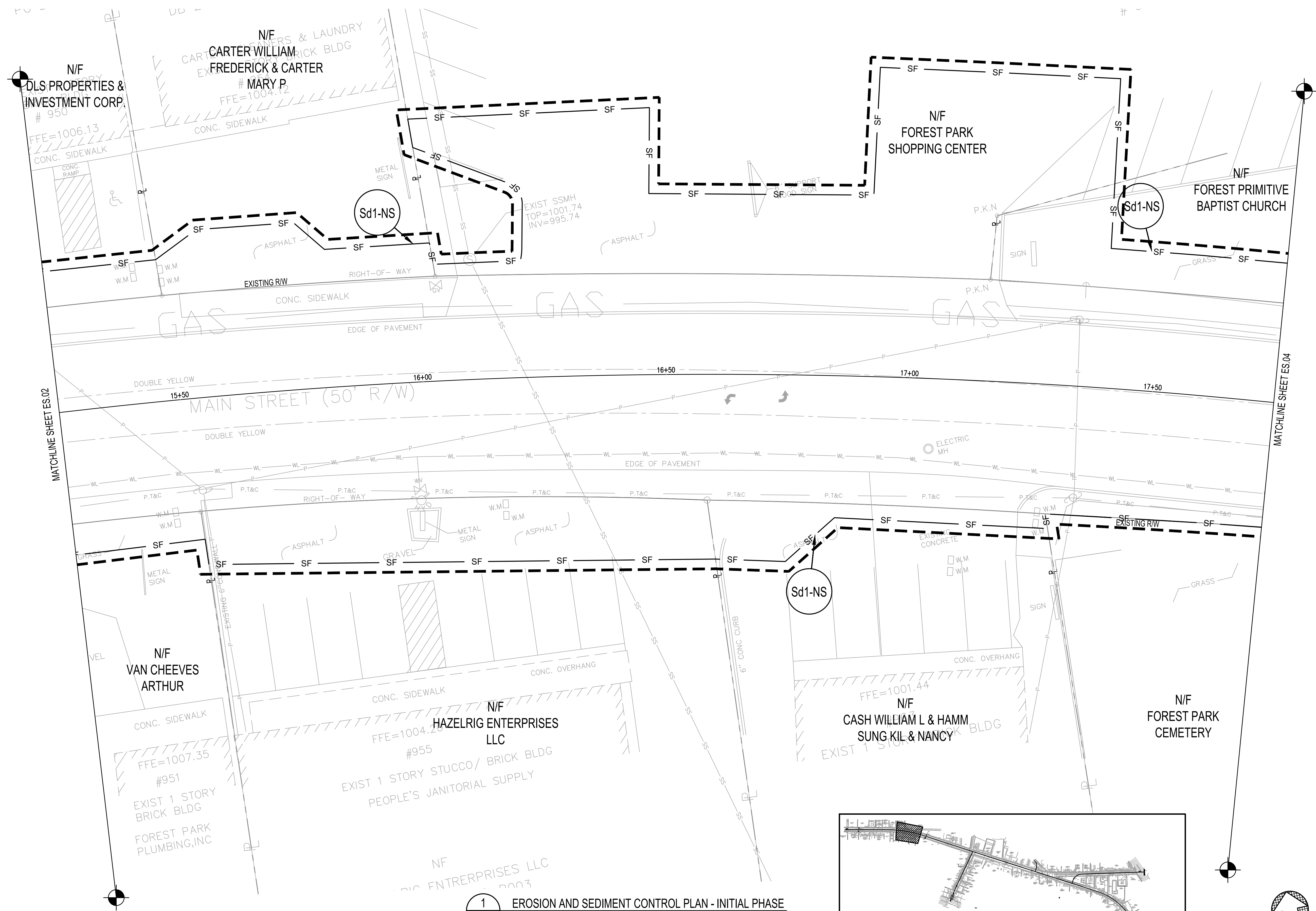
NO.	DATE	BY	REVISION



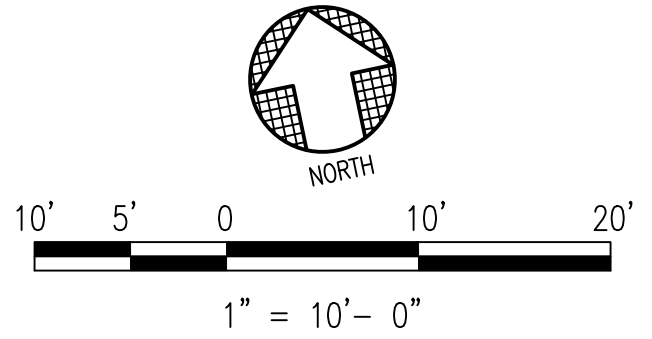
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 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 DRAWN: JON
 CHECKED: MBK
 DATE: APRIL 2022
 SCALE: AS SHOWN
 PROJECT: 2021008.20/1400400
 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE (SHEET 3 OF 8)

ES.03



1 EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
 ES.03 SCALE: 1" = 10'



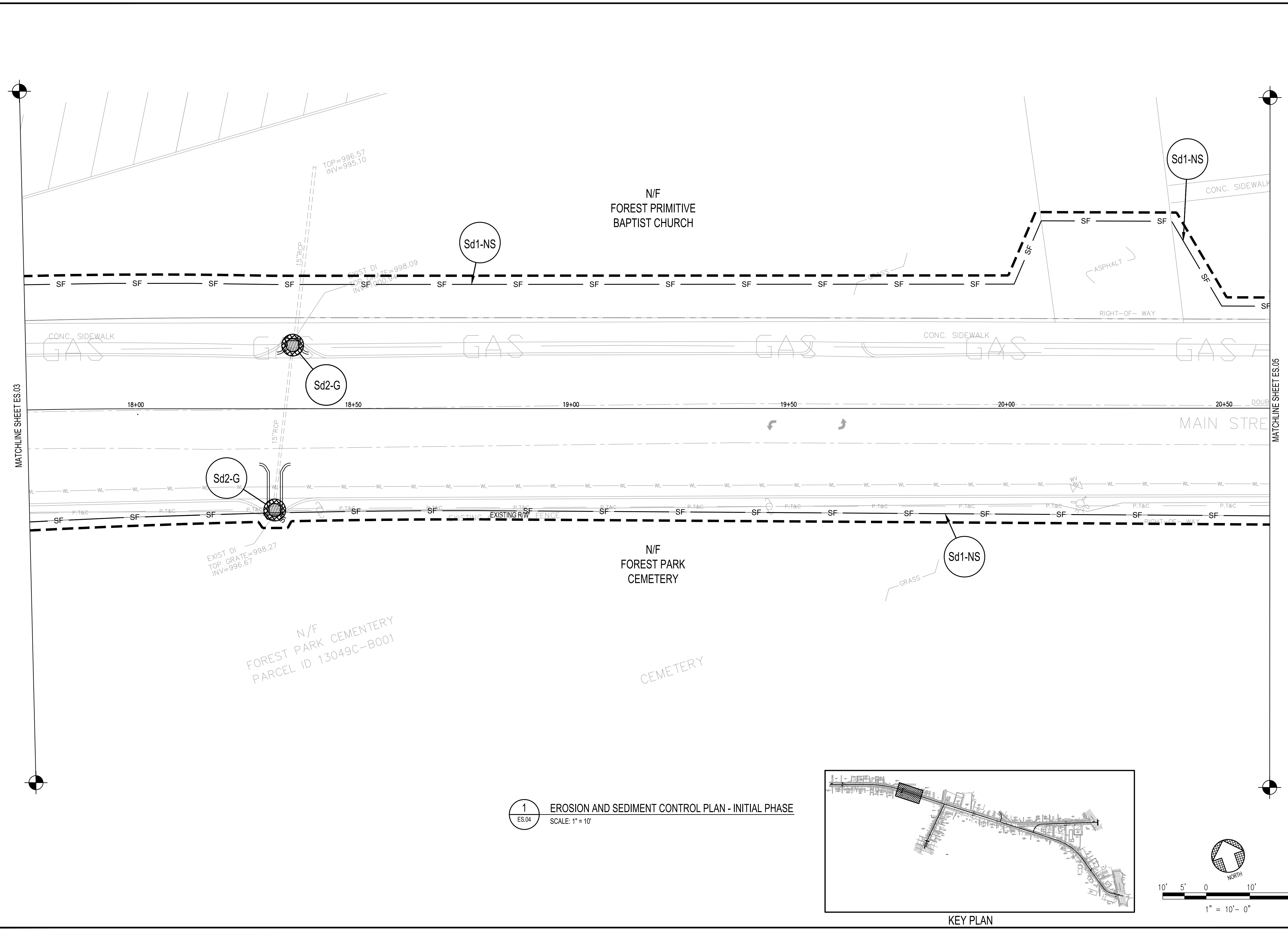
REVISION	BY	DATE	SYMBOL



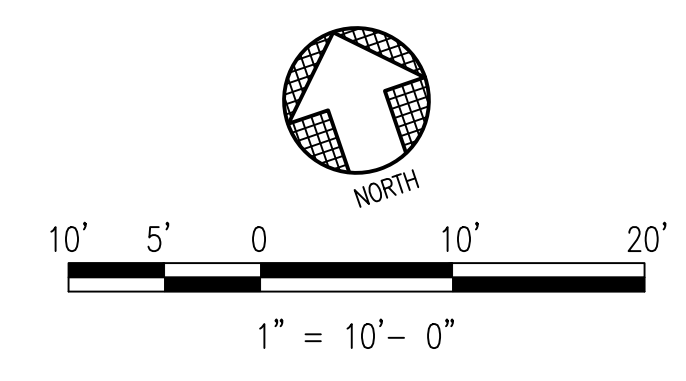
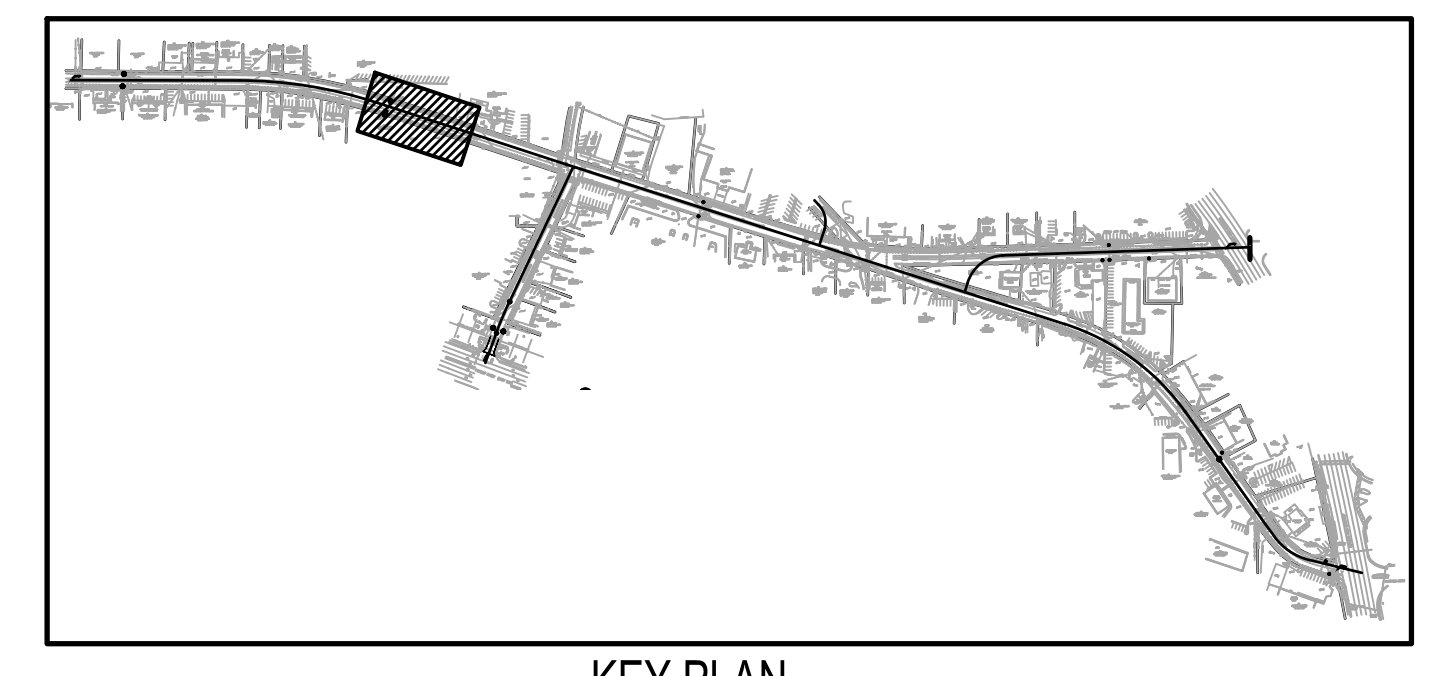
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 PROJECT: FOREST PARK STREETSCAPE

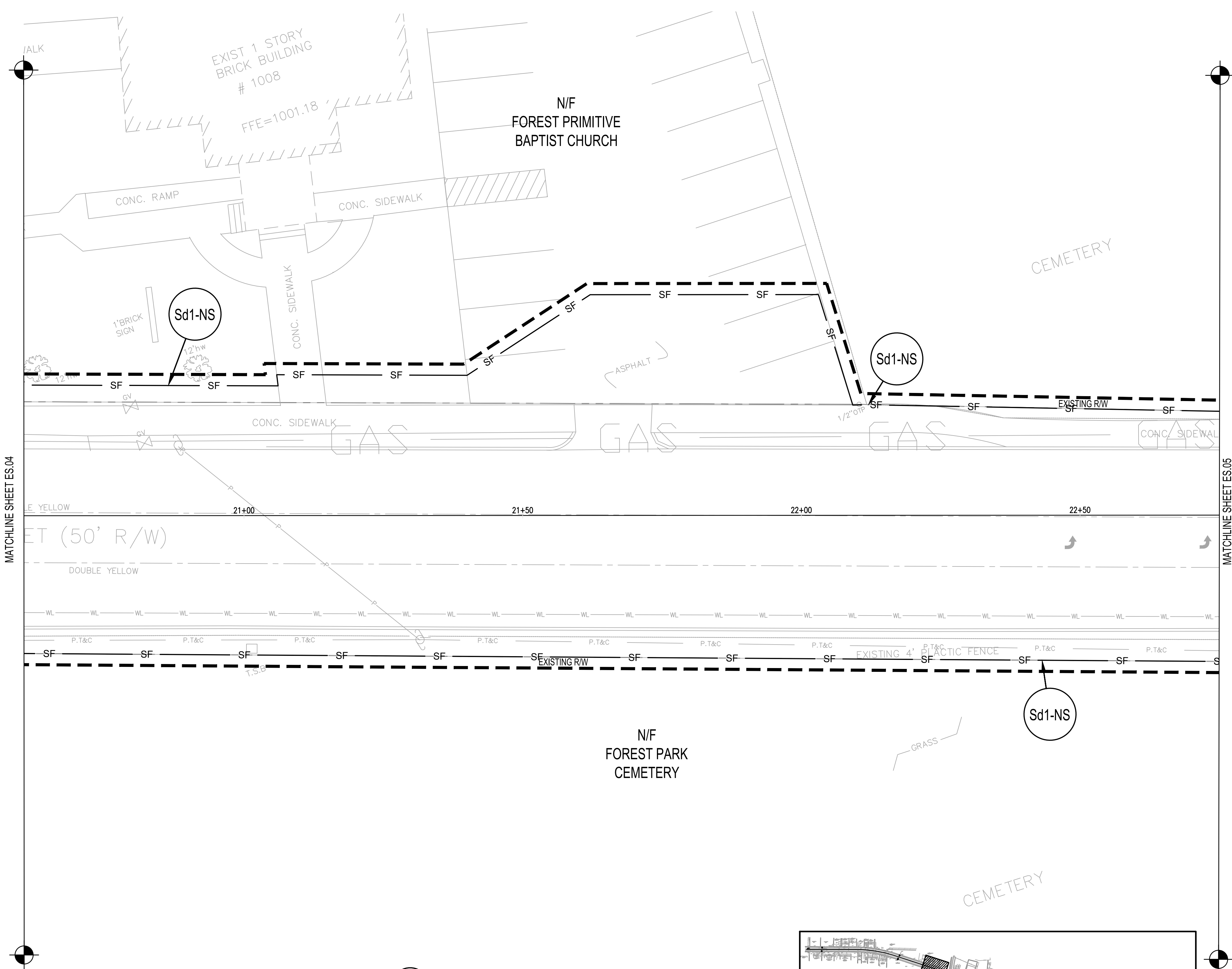
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 (SHEET 4 OF 8)

ES.04



1 EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
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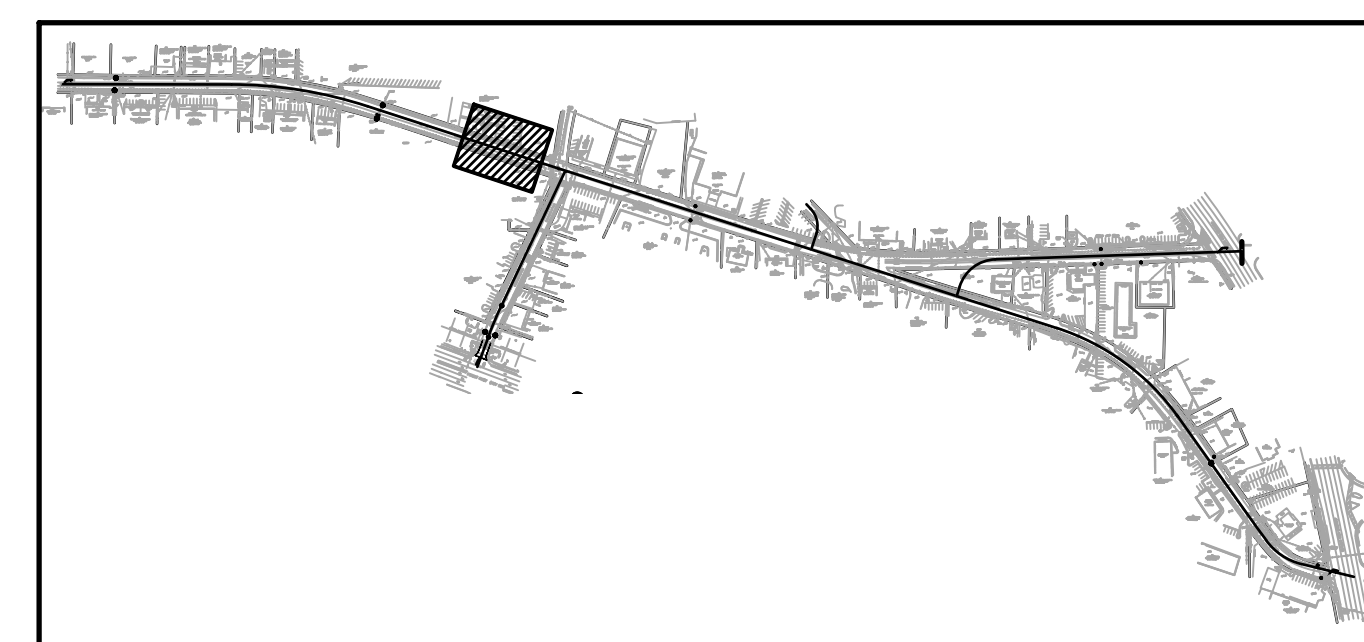




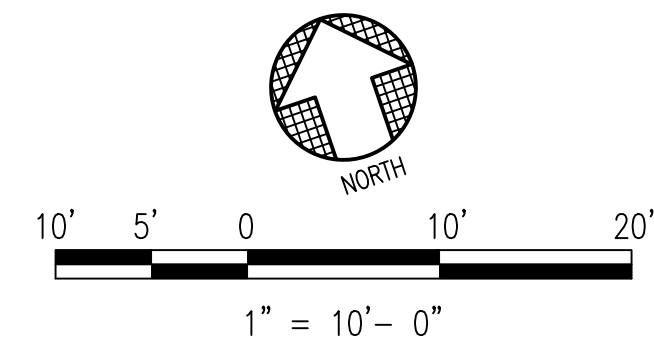
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MATCHLINE SHEET ES.05

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ES.05 **EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE**
SCALE: 1" = 10'



KEY PLAN



PROJECT NO.
2021008.20/1400400

COUNTY:
CLAYTON

Robert and Company
Engineers, Designers, Planners
229 Peachtree Street, N.E. International Tower
Suite 2100, Atlanta, Georgia 30305-1629
404-571-4000 FAX: 404-571-7119
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PROJECT NO.
2021008.20/1400400
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EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
(SHEET 5 OF 8)

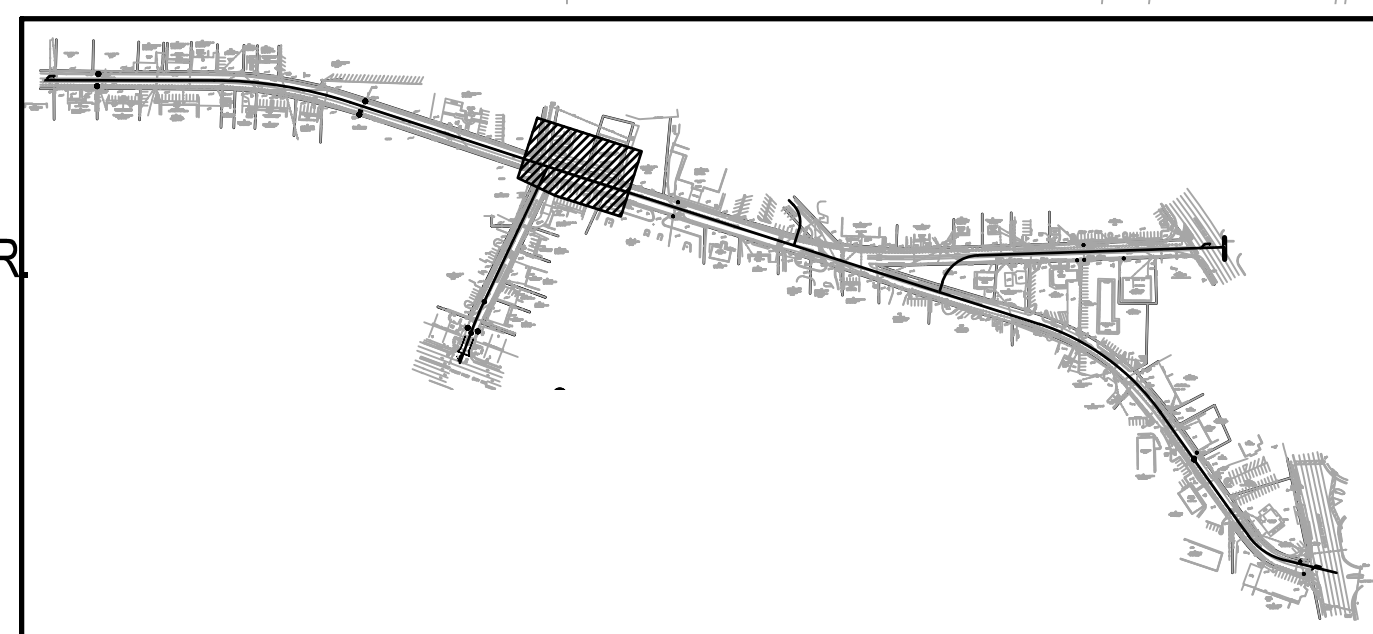
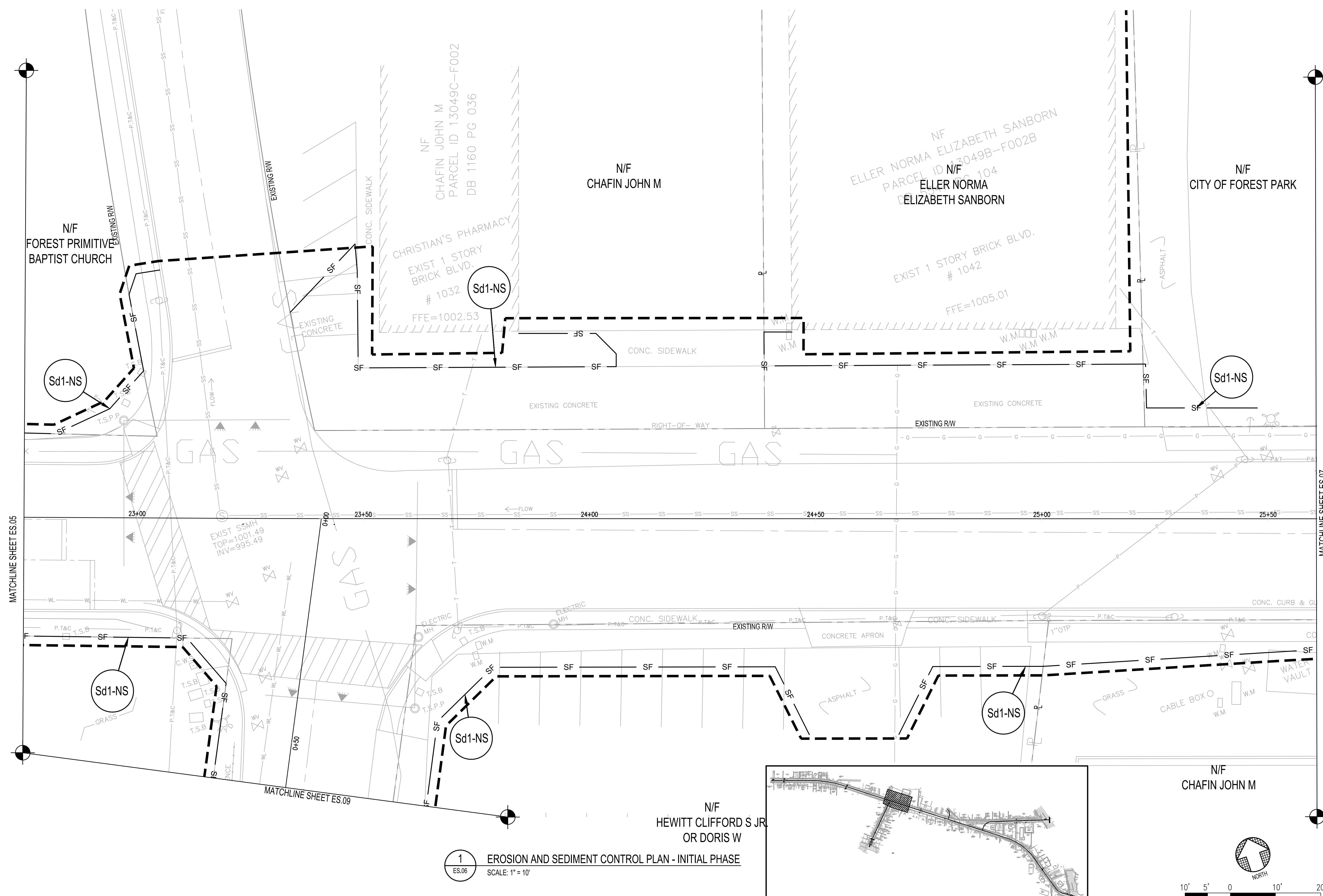
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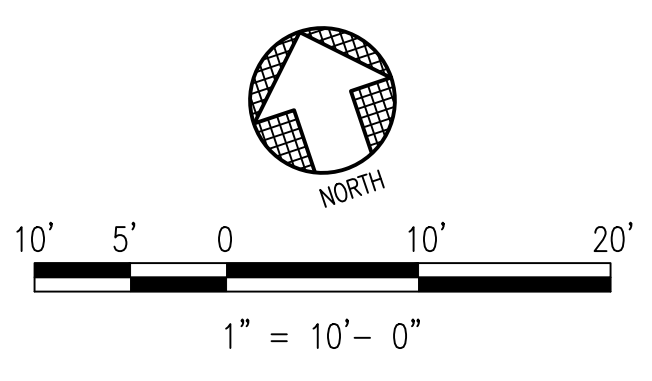


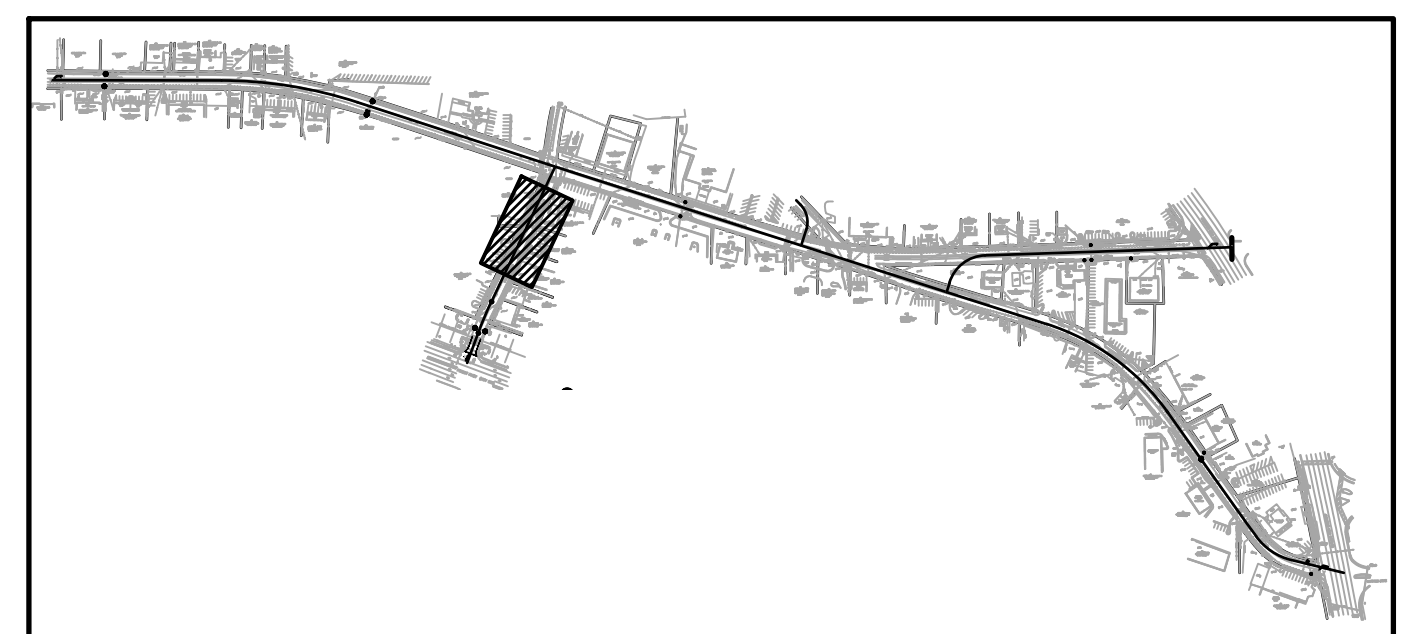
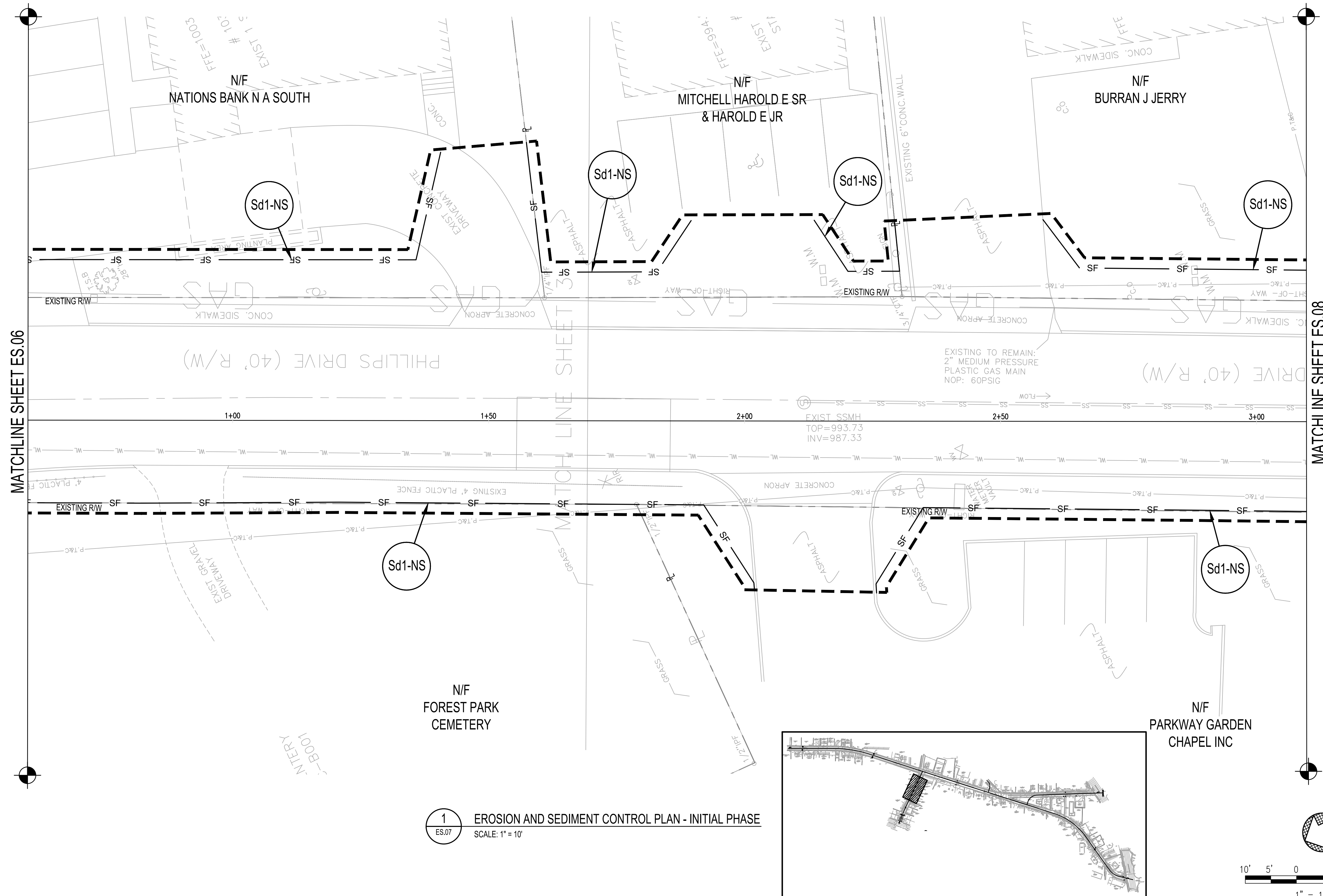
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DESIGNED: MMR
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 DRAWING NO. ES.06

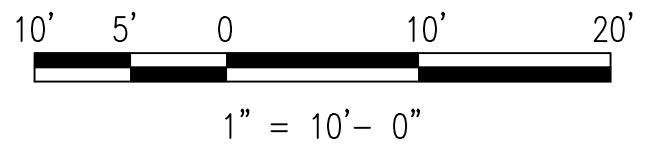


1 EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
 ES.06 SCALE: 1" = 10'





1 EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
 ES.07 SCALE: 1" = 10'



PROJECT NO. 2021008.20/1400400
 COUNTY: CLAYTON

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 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE (SHEET 7 OF 8)
 DRAWING NO. ES.07

DATE: APRIL 2022
 SCALE: AS SHOWN

SHEET 100 OF 130

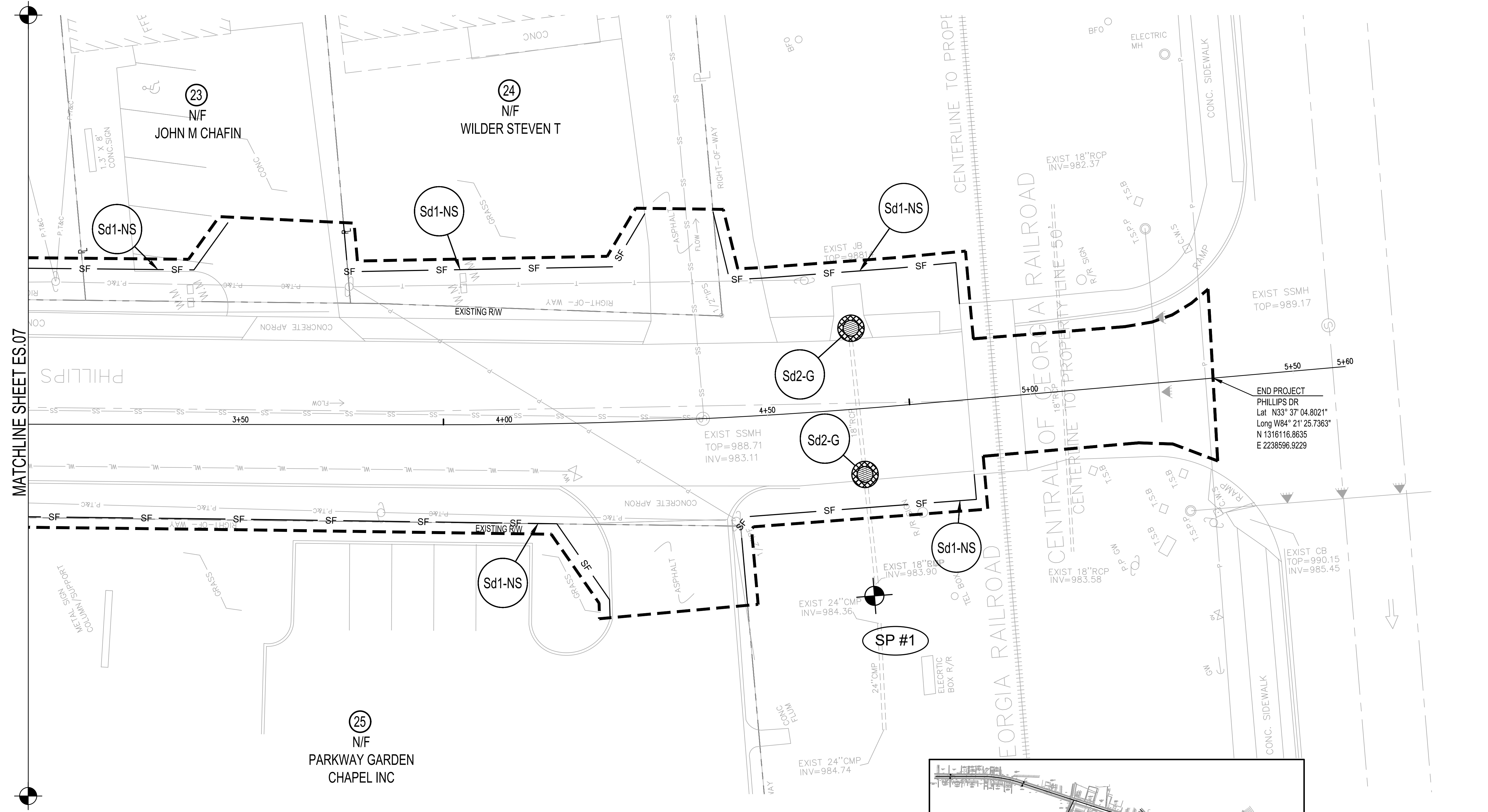
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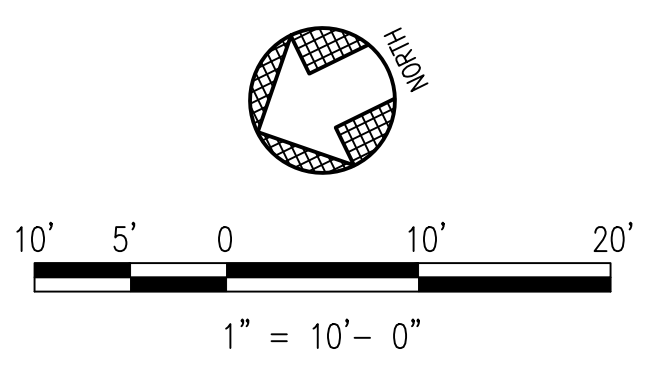
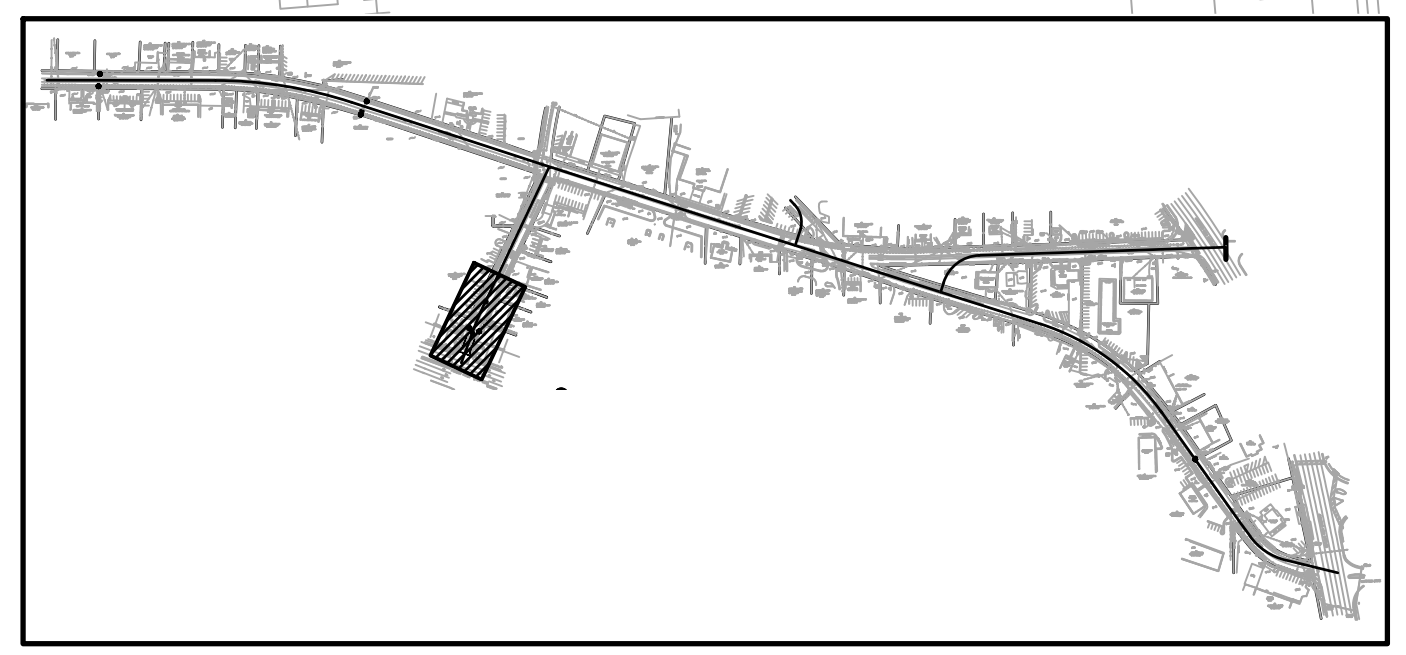
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 DRAWN: JON
 CHECKED: MBK
 DATE: APRIL 2022
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 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE (SHEET 6 OF 8)

ES.08



MATCHLINE SHEET ES.07

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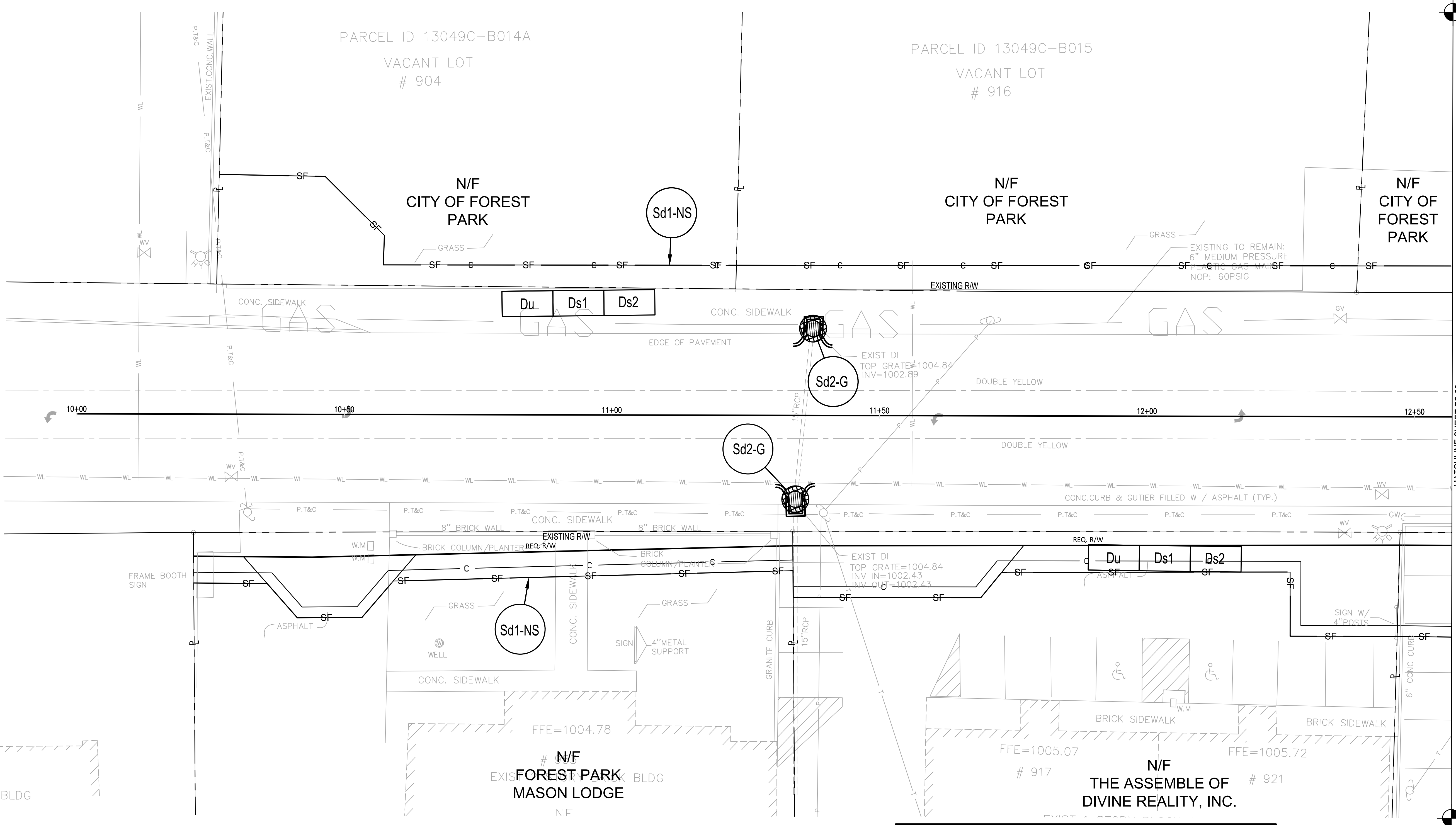
KEY PLAN

NO.	SYMBOL	DATE	BY	REVISION

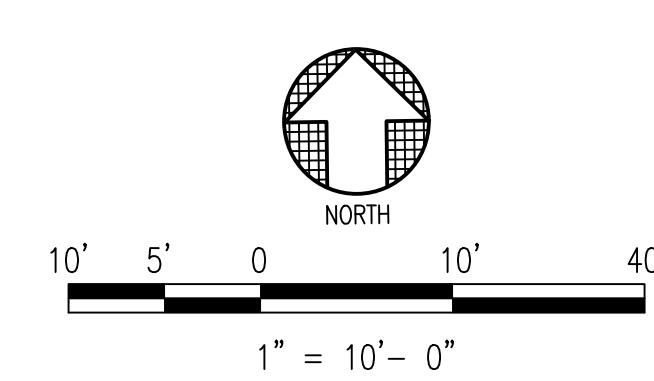
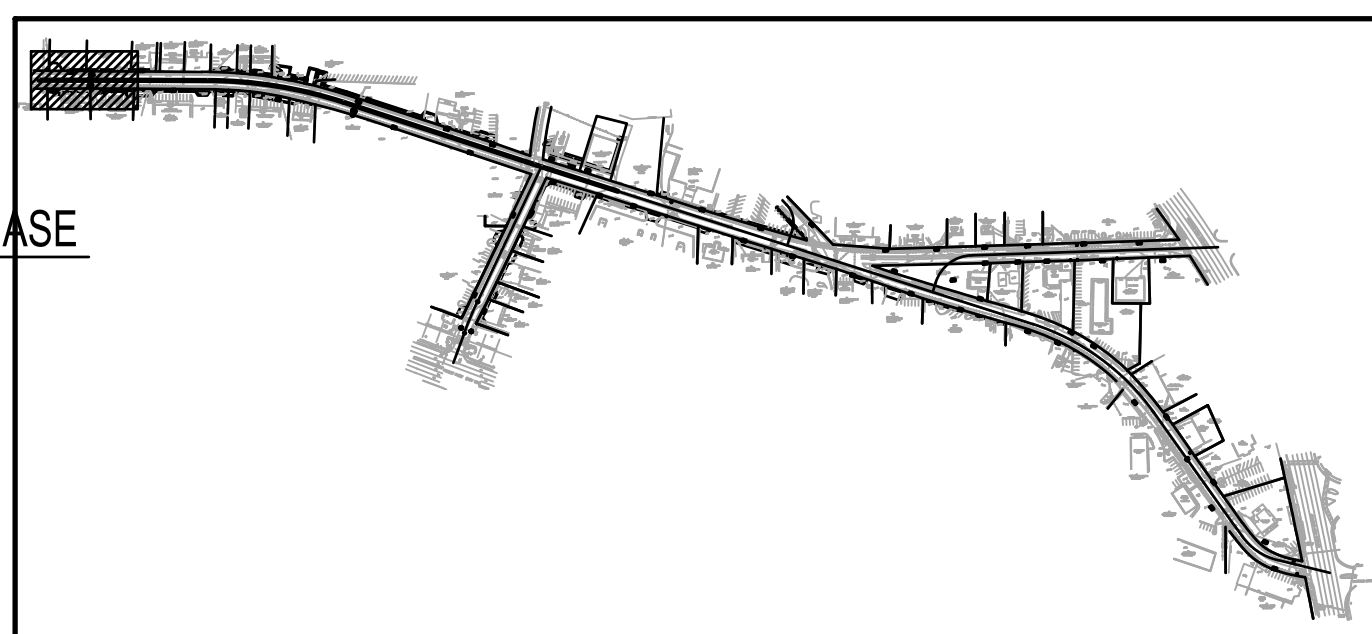


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DATE APRIL 2022
 SCALE AS SHOWN
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1 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
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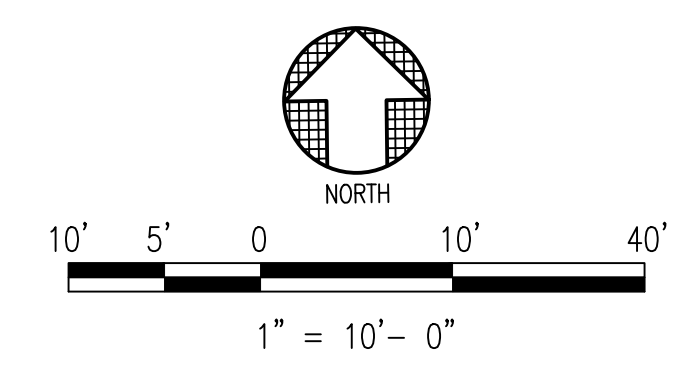
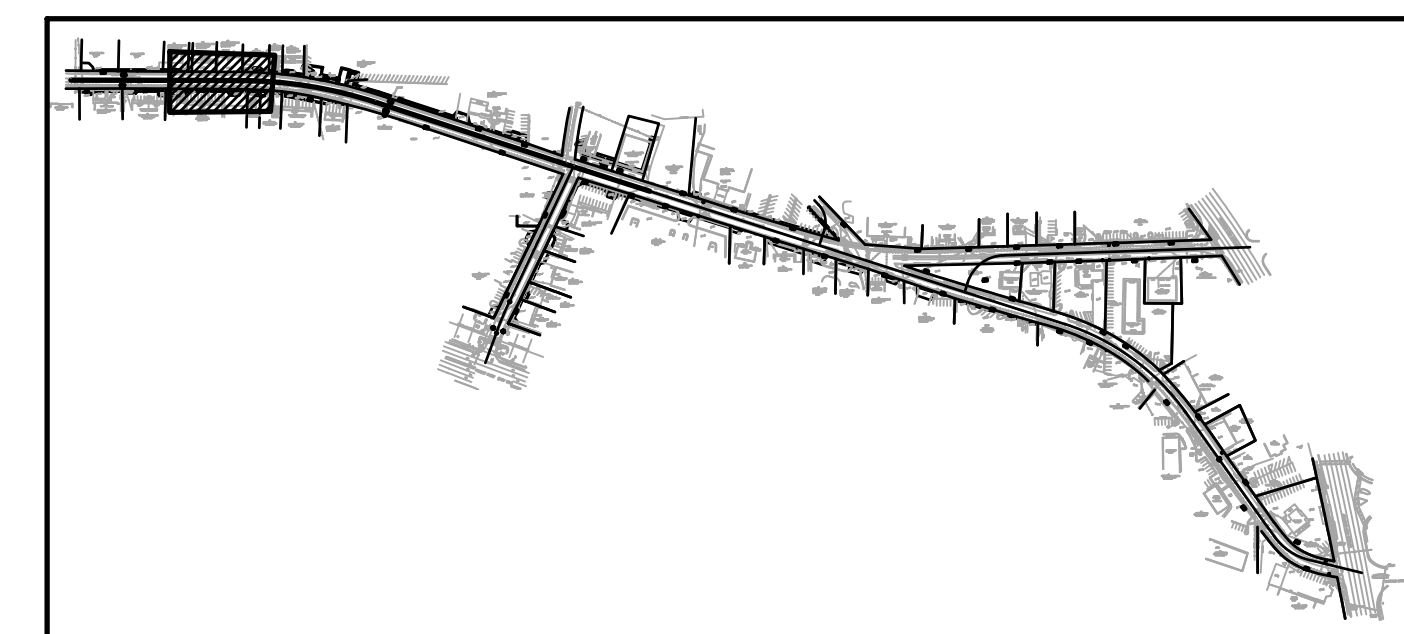
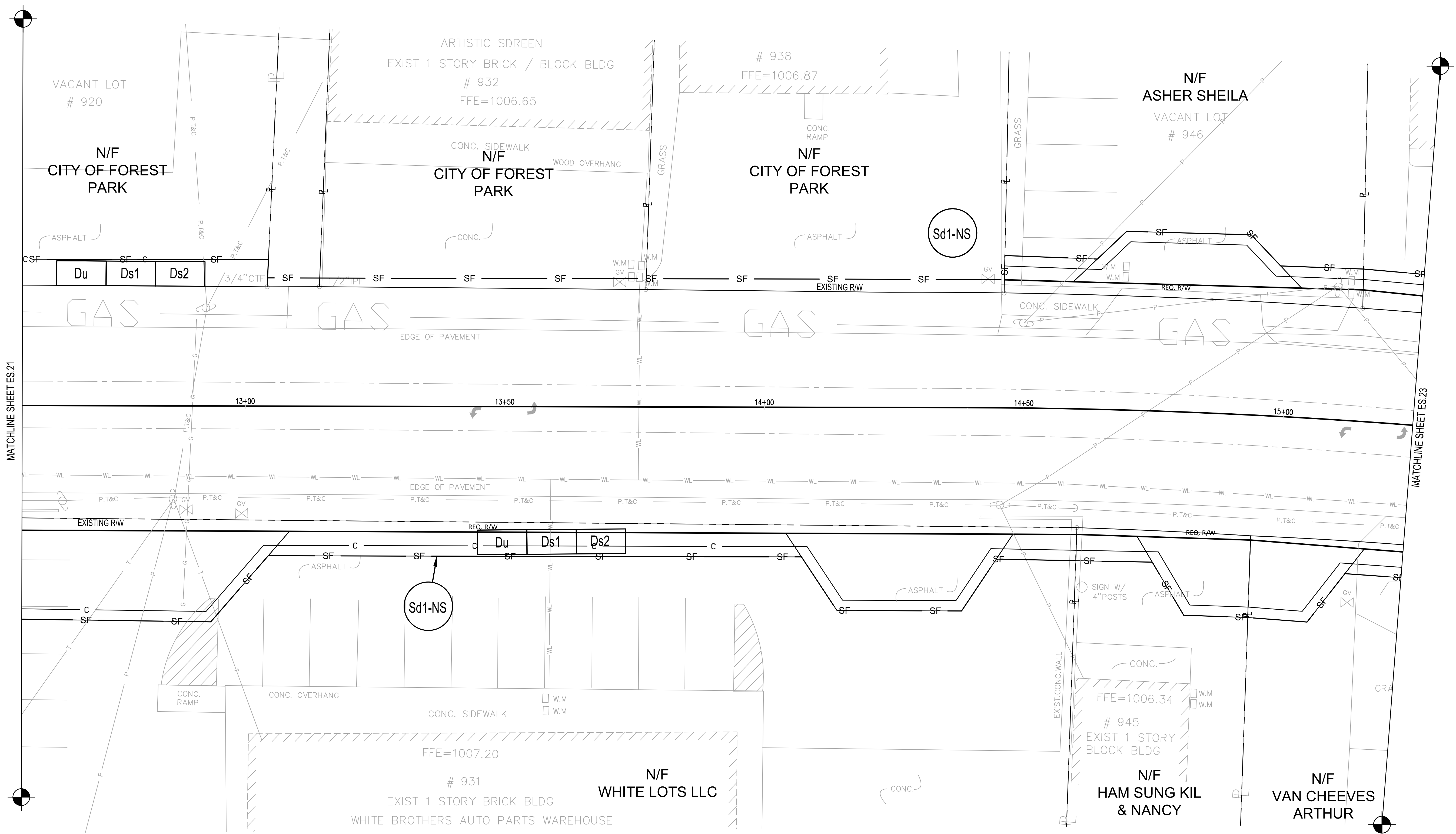
MATCHLINE SHEETS ES.22

NO.	SYMBOL	DATE	BY	REVISION



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 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE (SHEET 2 OF 6)
 DRAWING NO. 2021008.20/1400400
 CHECKED: JON MBK
 DATE: APRIL 2022
 SCALE: AS SHOWN



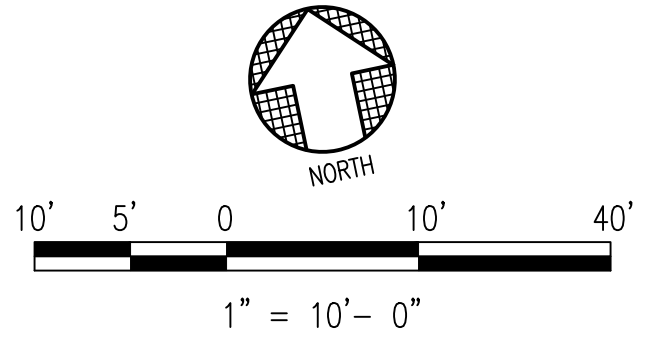
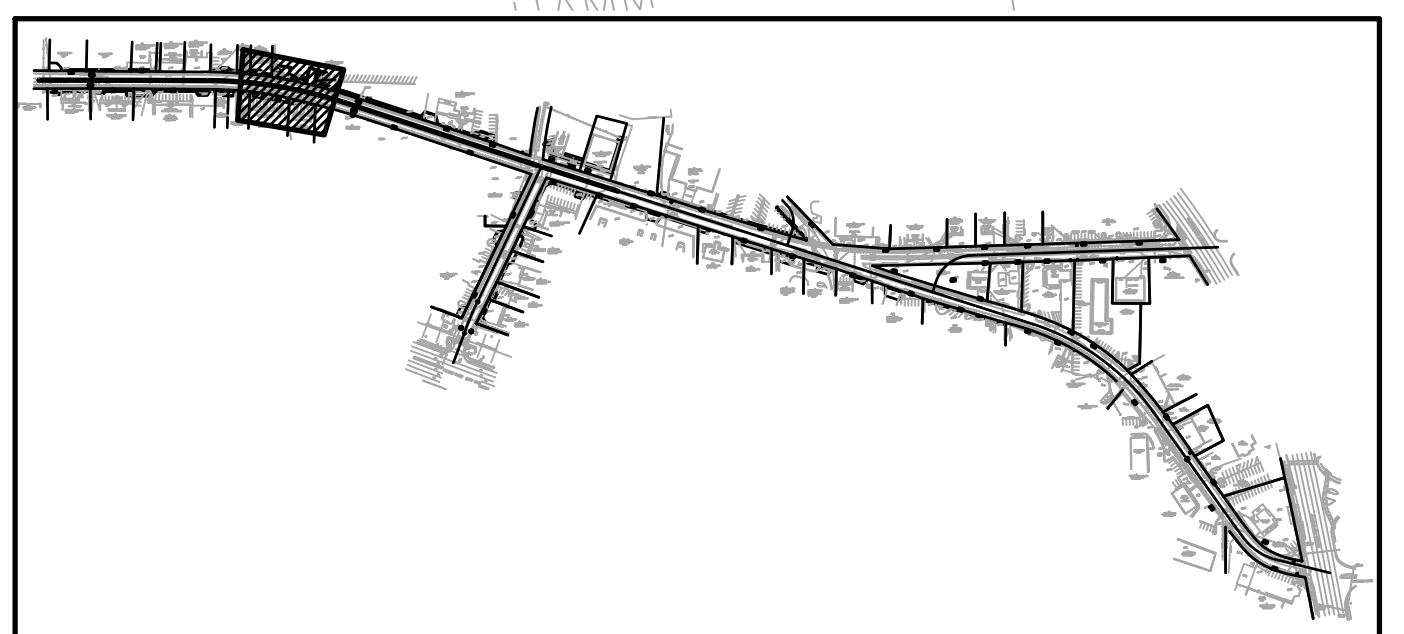
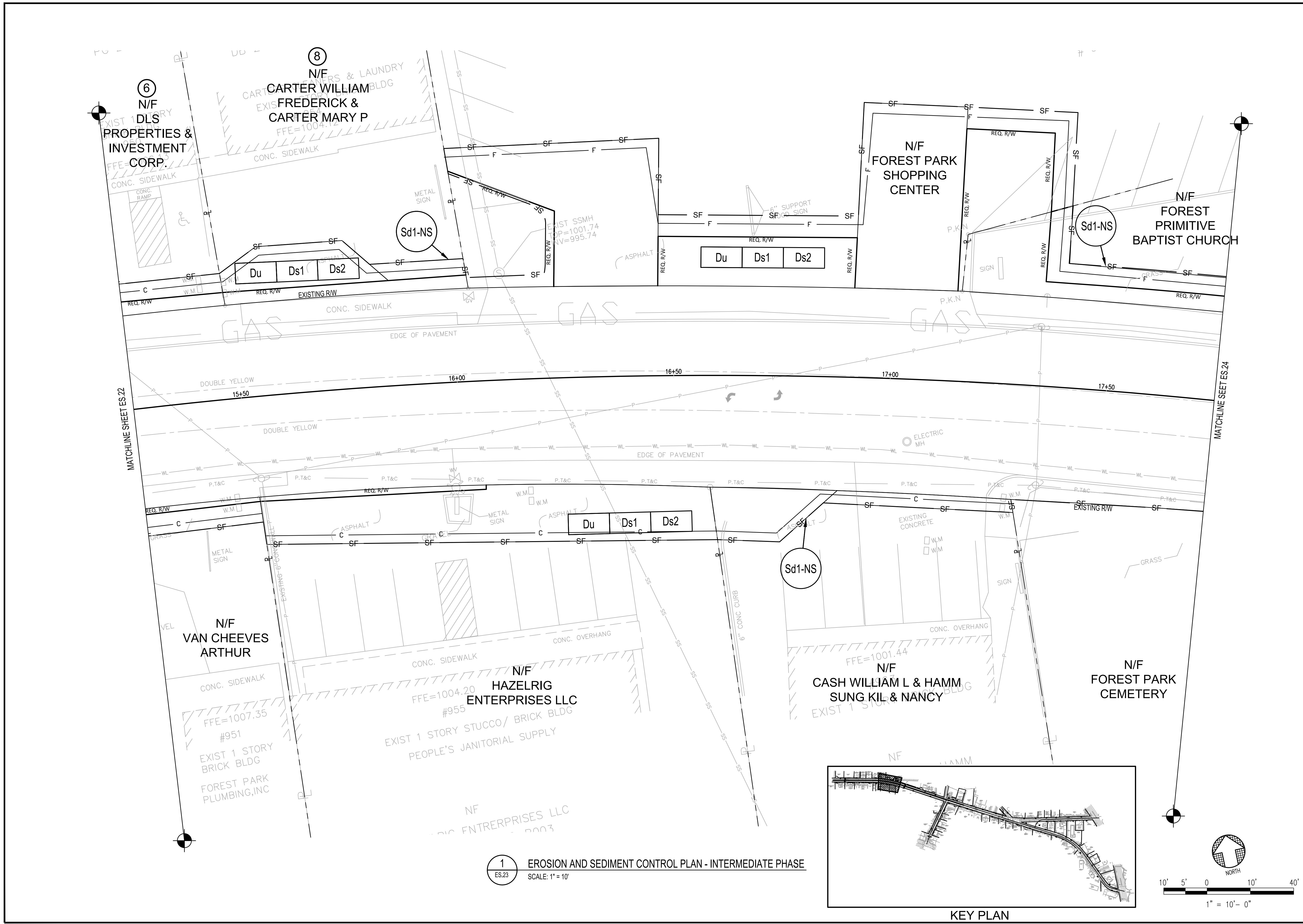
1 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
 ES.22 SCALE: 1" = 10'

SYMBOL	DATE	BY	REVISION



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PROJECT FOREST PARK STREETSCAPE

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DRAWN: JON
CHECKED: MBK
DATE: APRIL 2022
SCALE: AS SHOWN
PROJECT: EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE (SHEET 3 OF 8)



1
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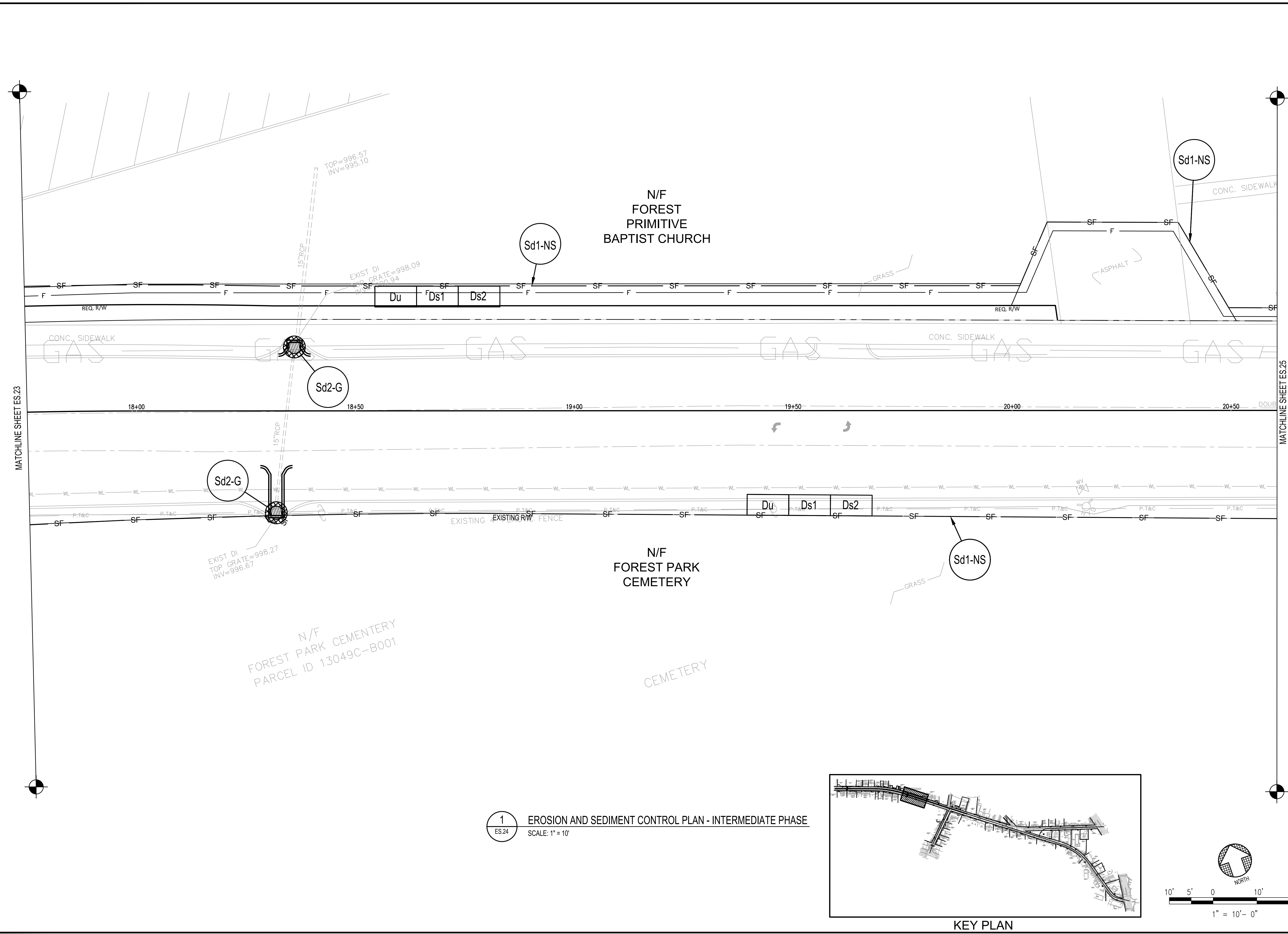
SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETScape

DATE APRIL 2022
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 (SHEET 4 OF 8)

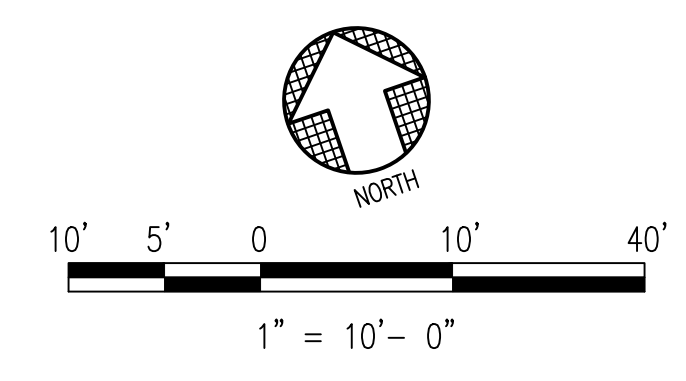
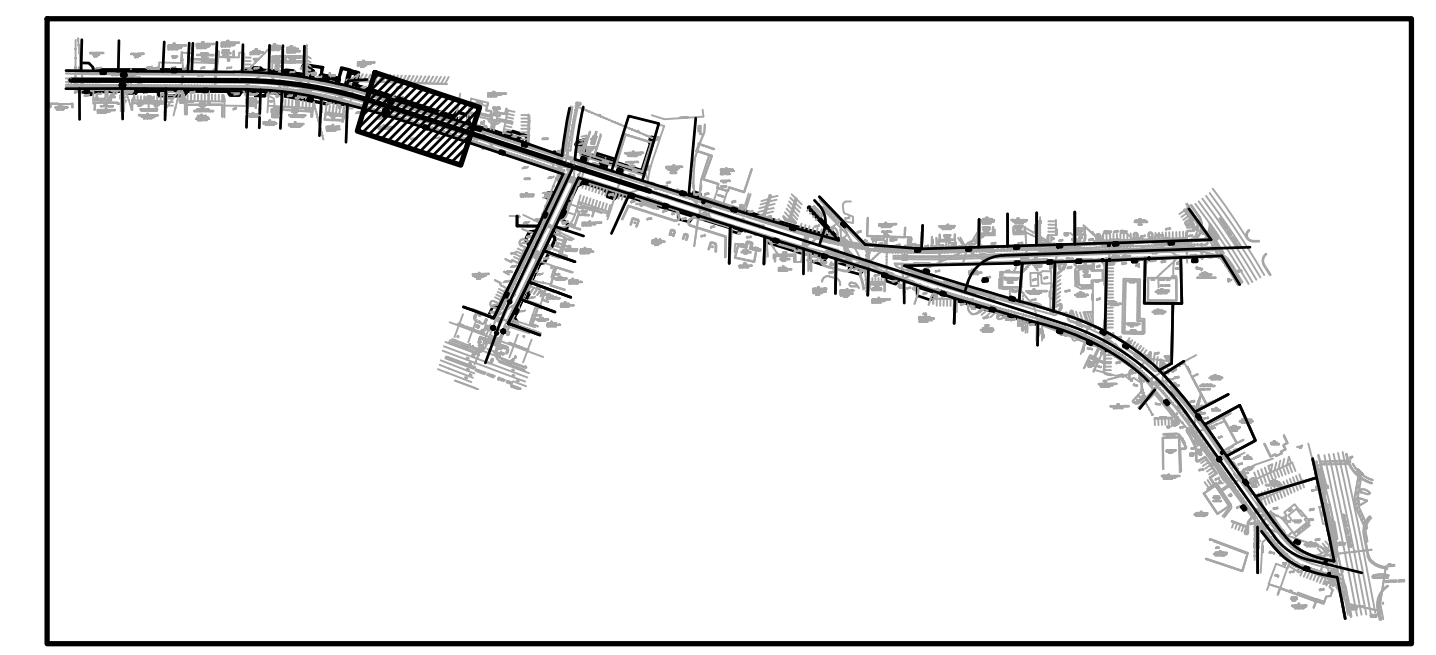
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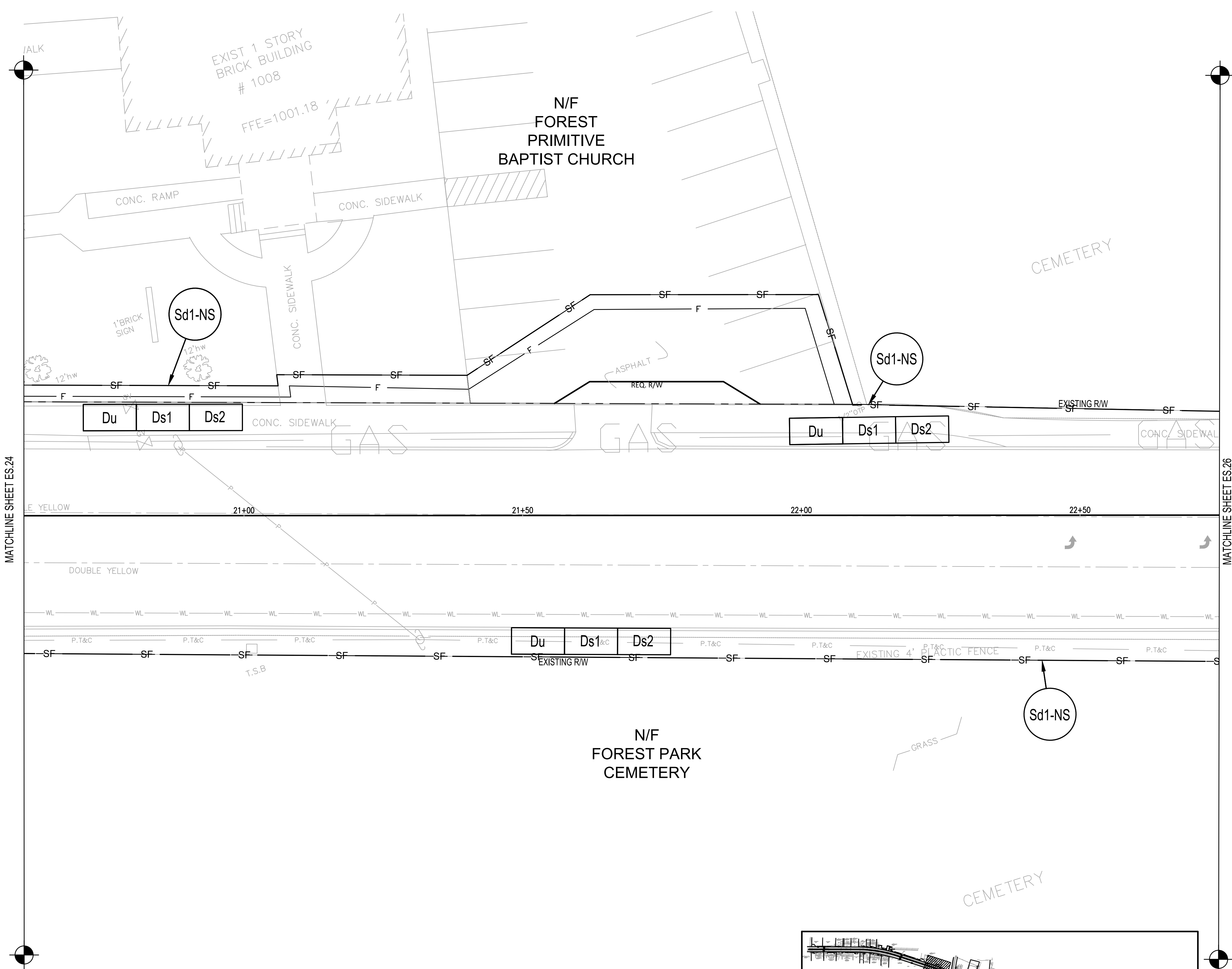
MATCHLINE SHEET ES.23

MATCHLINE SHEET ES.25

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 SCALE: 1" = 10'



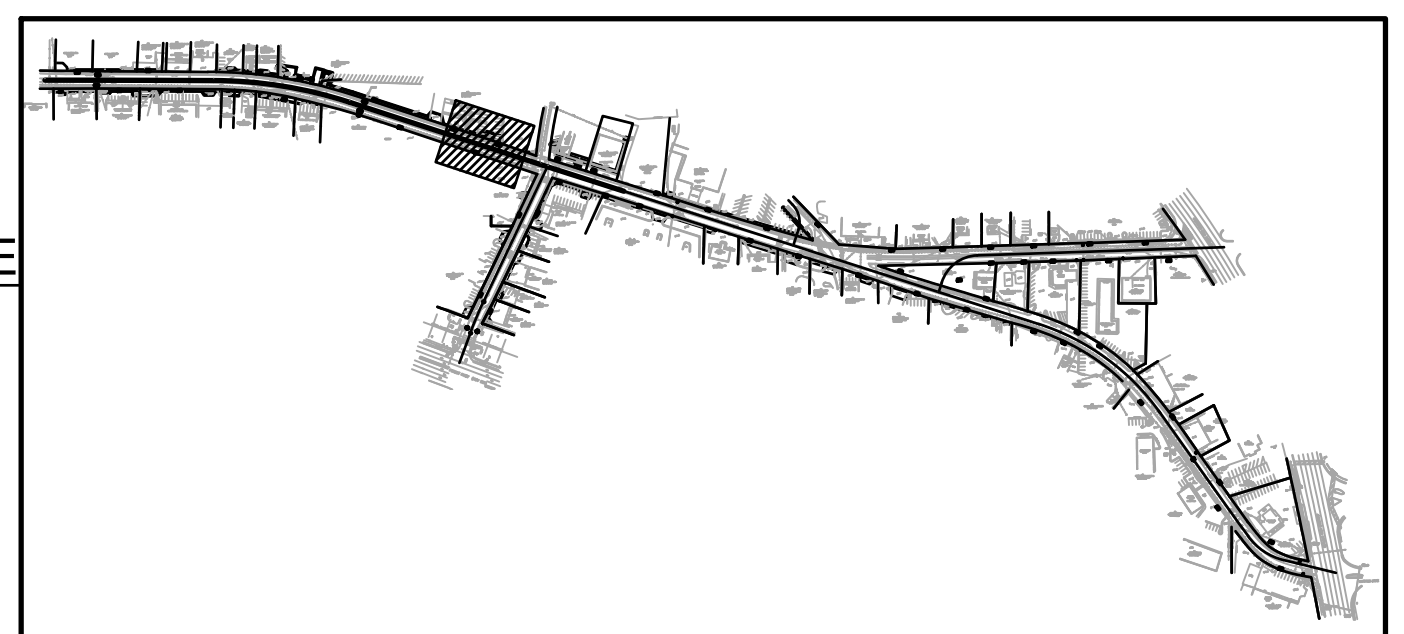
KEY PLAN



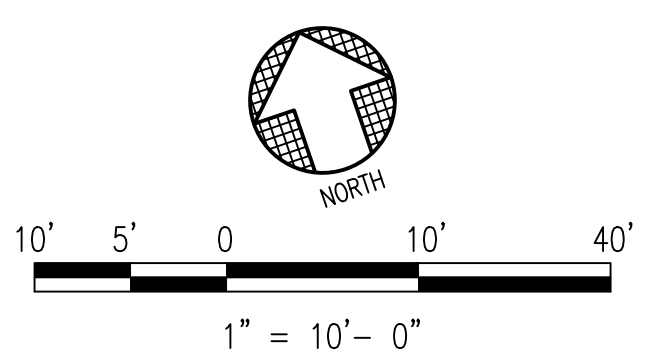
MATCHLINE SHEET ES.24

MATCHLINE SHEET ES.26

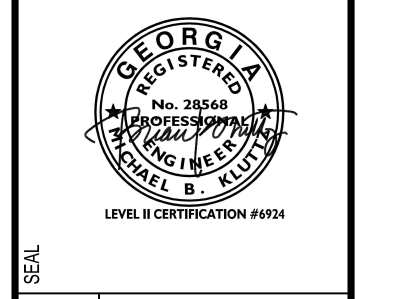
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ES.25 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
SCALE: 1" = 10'



KEY PLAN



PROJECT NO. 2021008.20/1400400	
COUNTY CLAYTON	
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30309-1629 404-577-4800 FAX: 404-577-7119 www.robertandcompany.com	
SYMBOL	REVISION
DATE	BY



SPONSOR/CIENT
CITY OF FOREST PARK, GEORGIA

PROJECT
FOREST PARK STREETSCAPE

DESIGNED
MMR

DRAWN
JON

CHECKED
MBK

DATE
APRIL 2022

SCALE
AS SHOWN

DRAWING TITLE
EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
(SHEET 5 OF 6)

ES.25

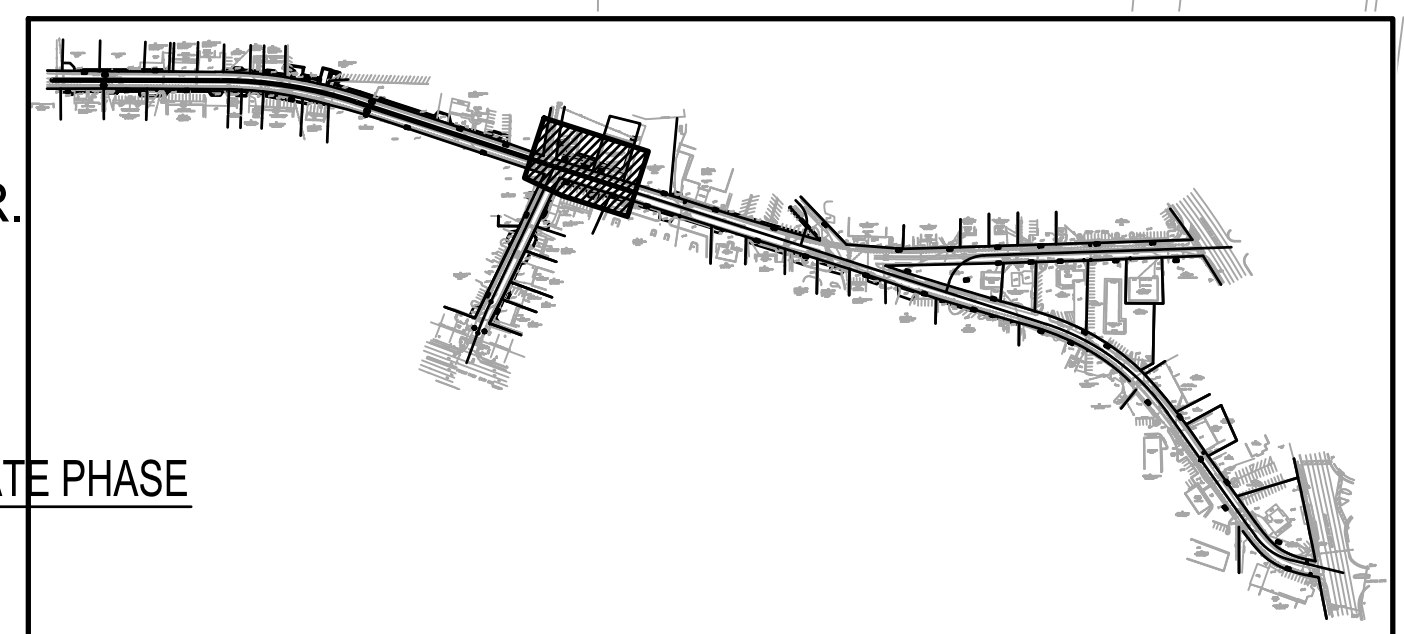
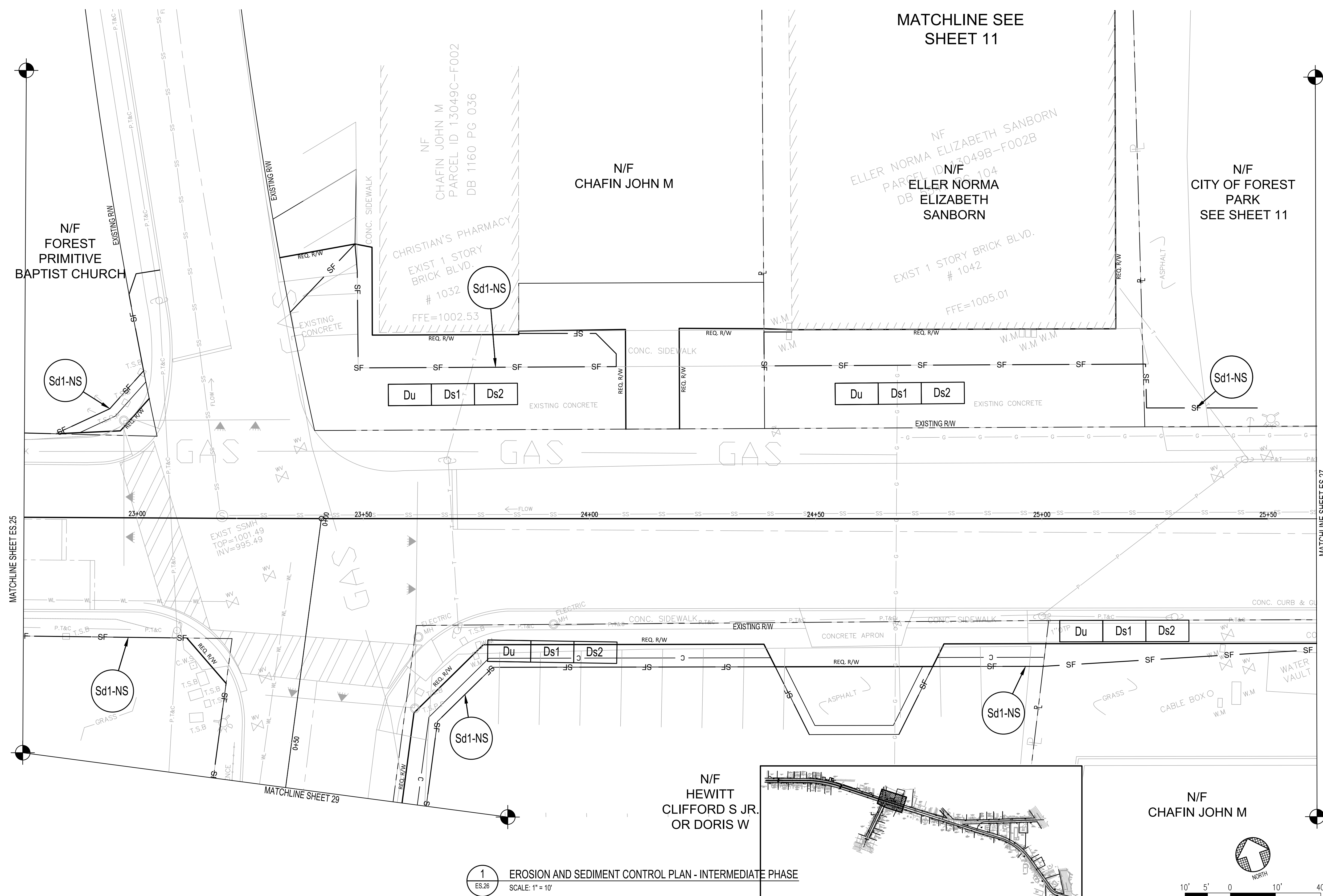
SHEET 106 OF 130

SYMBOL	DATE	BY	REVISION

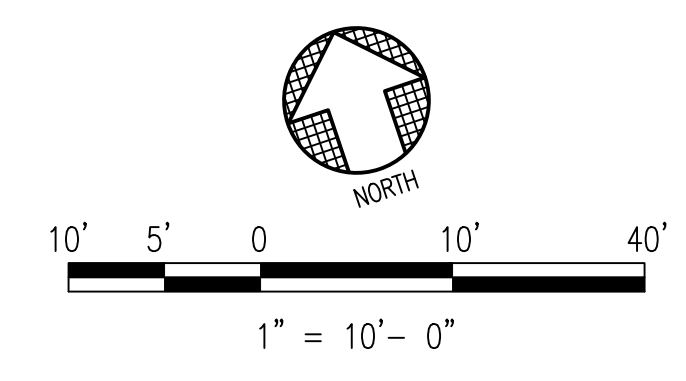


SPONSOR/CITY OF FOREST PARK, GEORGIA
PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
DRAWN: JON
CHECKED: MBK
DATE: APRIL 2022
SCALE: AS SHOWN
PROJECT NO. 2021008.20/1400400
DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE (SHEET 6 OF 6)



1
ES.26 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
SCALE: 1" = 10'

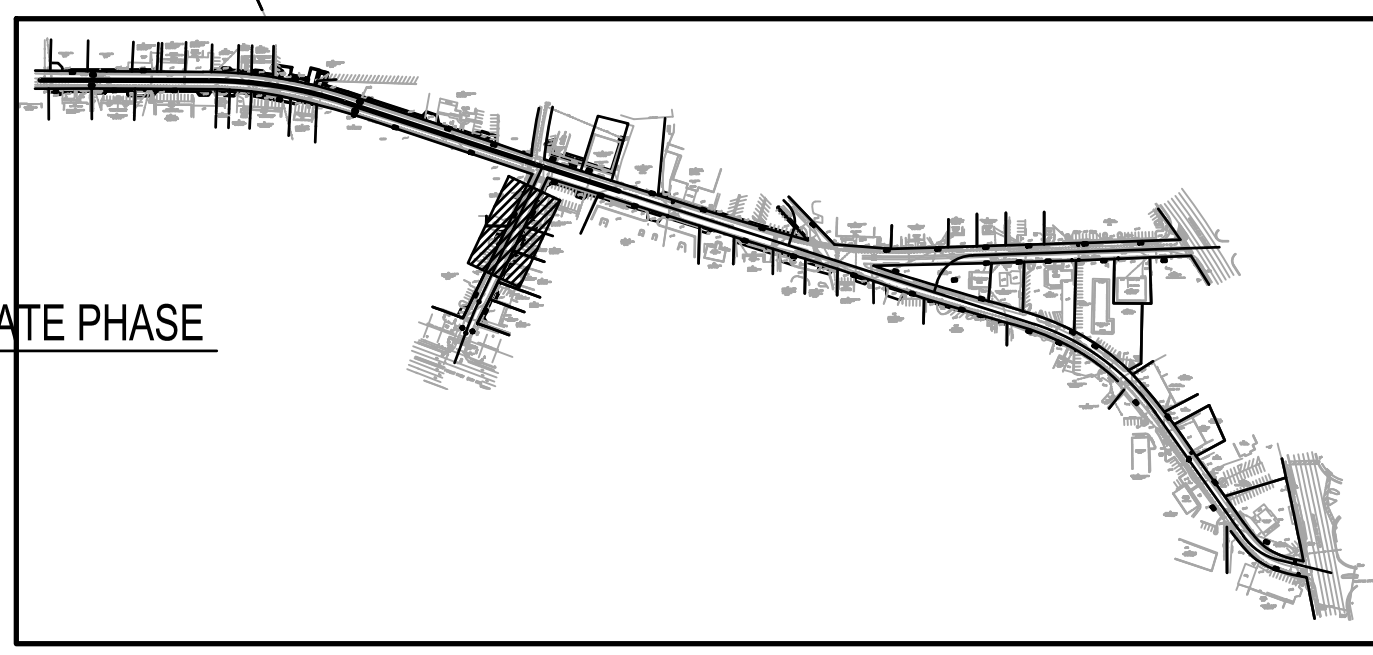
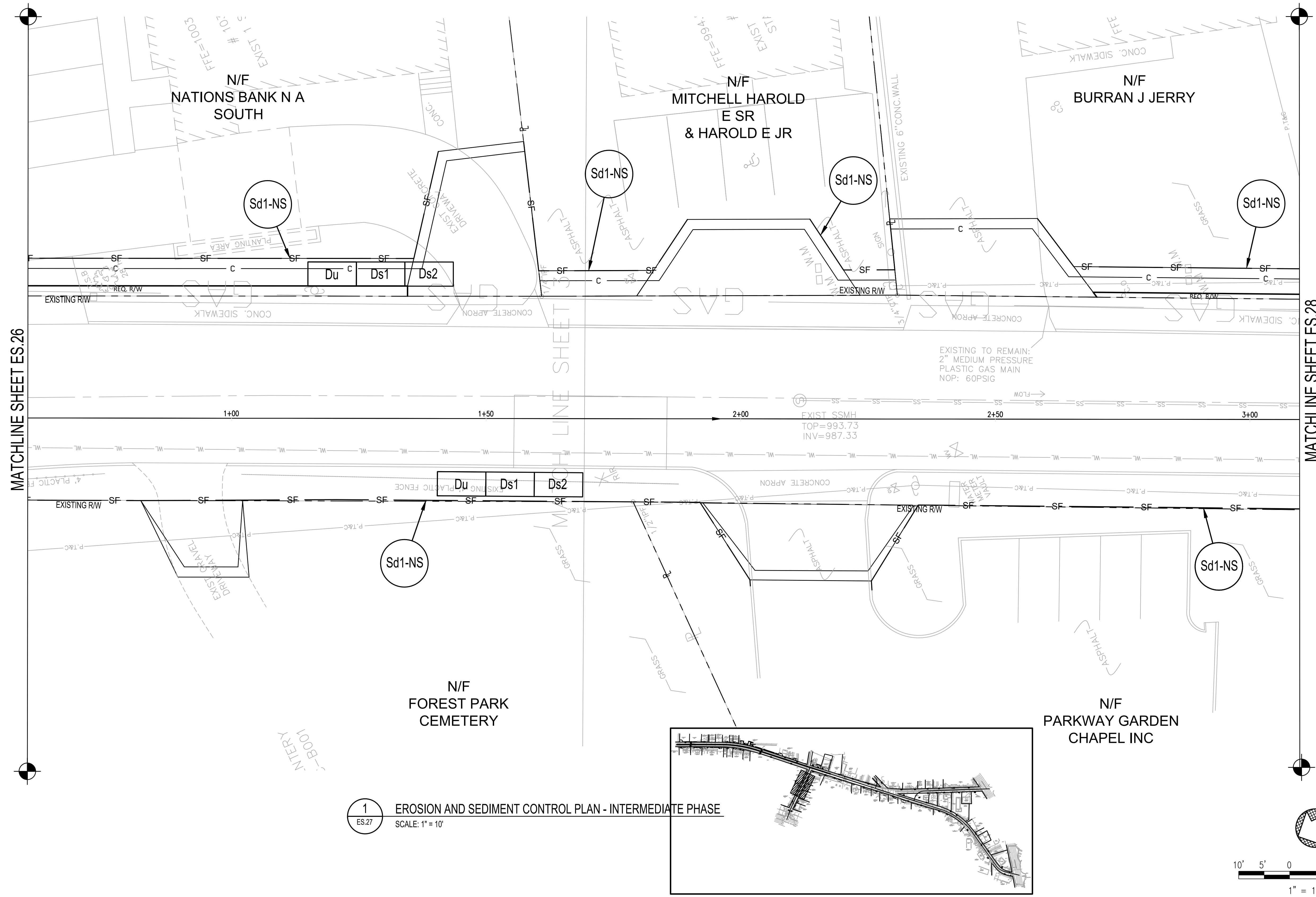


NO.	SYMBOL	DATE	BY	REVISION

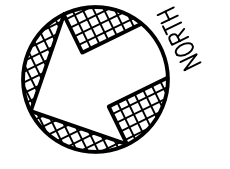
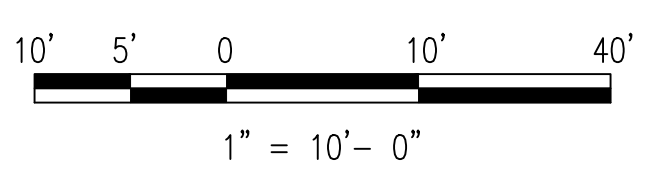


SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE (SHEET 7 OF 8)
 DRAWING NO. ES.27



1 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
 ES.27 SCALE: 1" = 10'



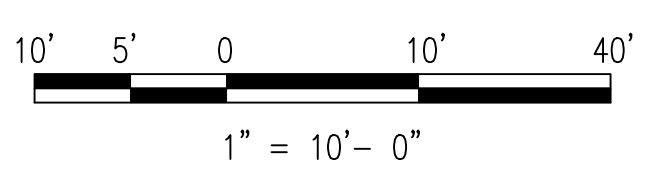
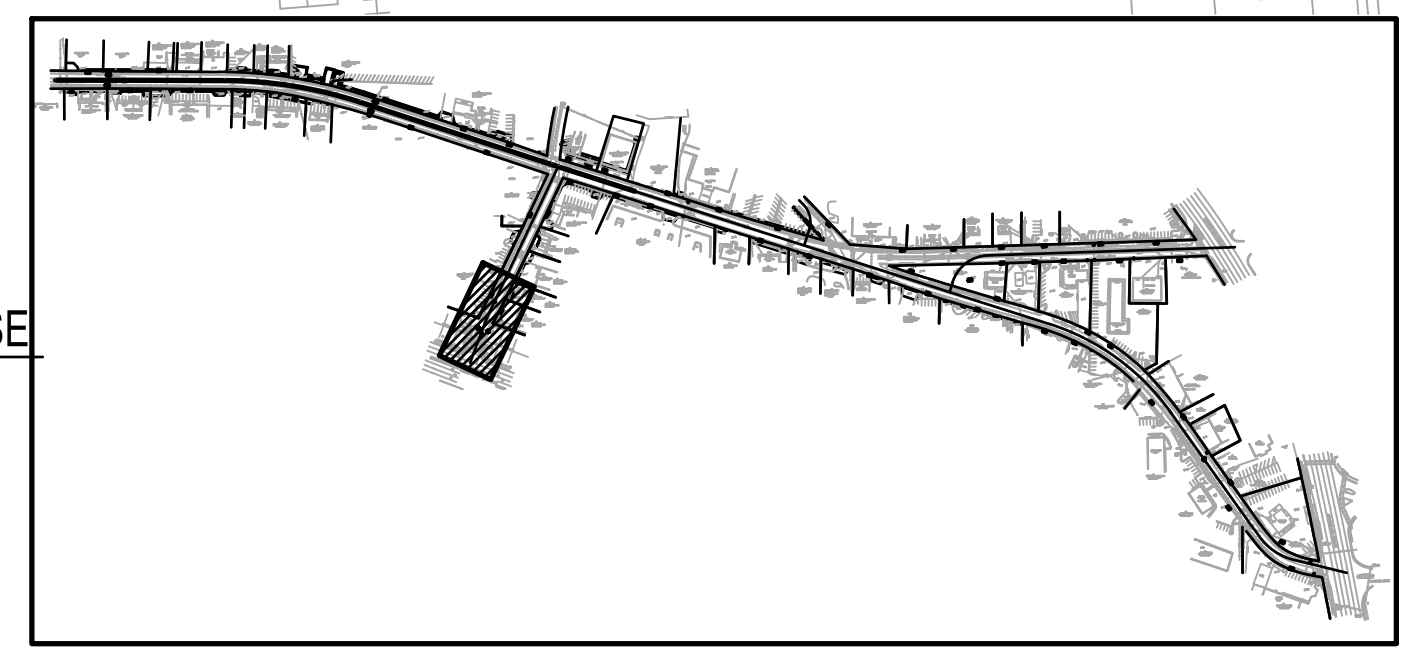
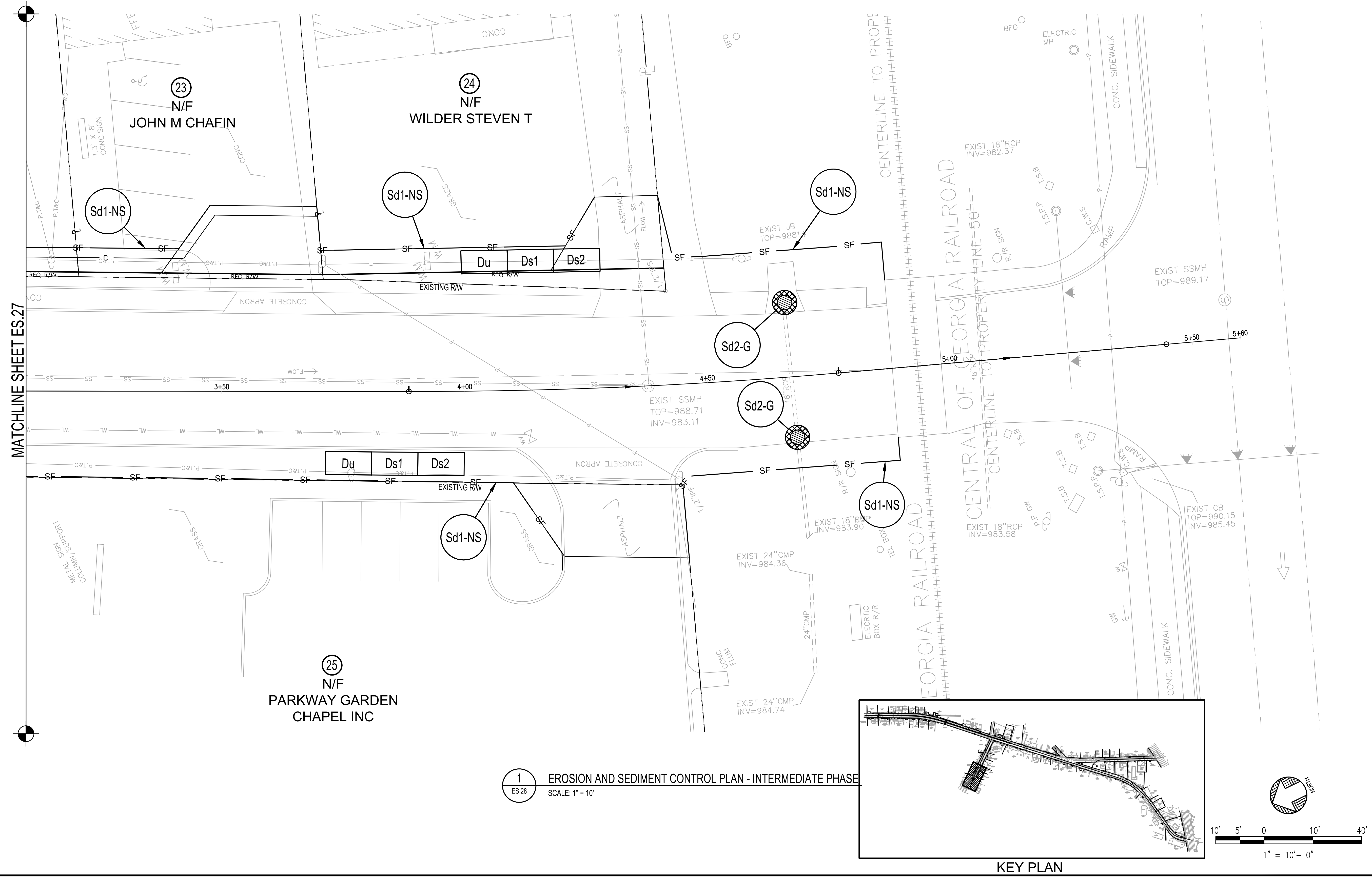
SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 DRAWING NO.: 2021008.20/1400400
 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE (SHEET 8 OF 8)

ES.28



1 EROSION AND SEDIMENT CONTROL PLAN - INTERMEDIATE PHASE
 ES.28 SCALE: 1" = 10'

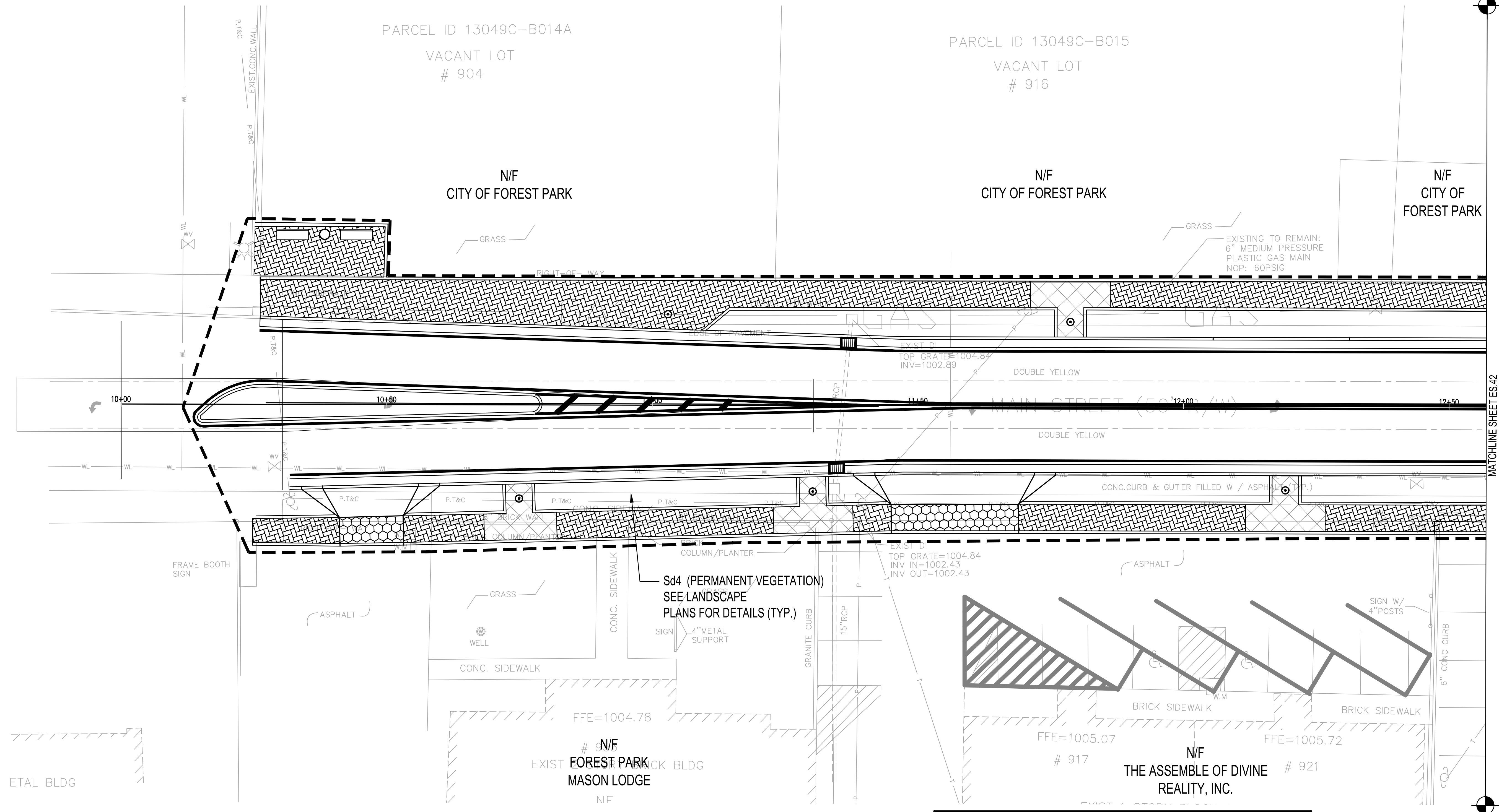
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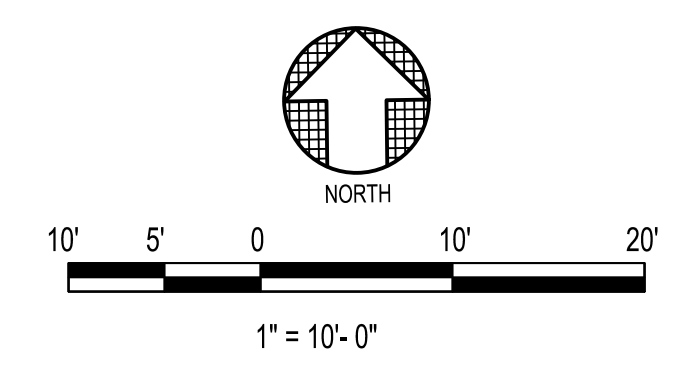
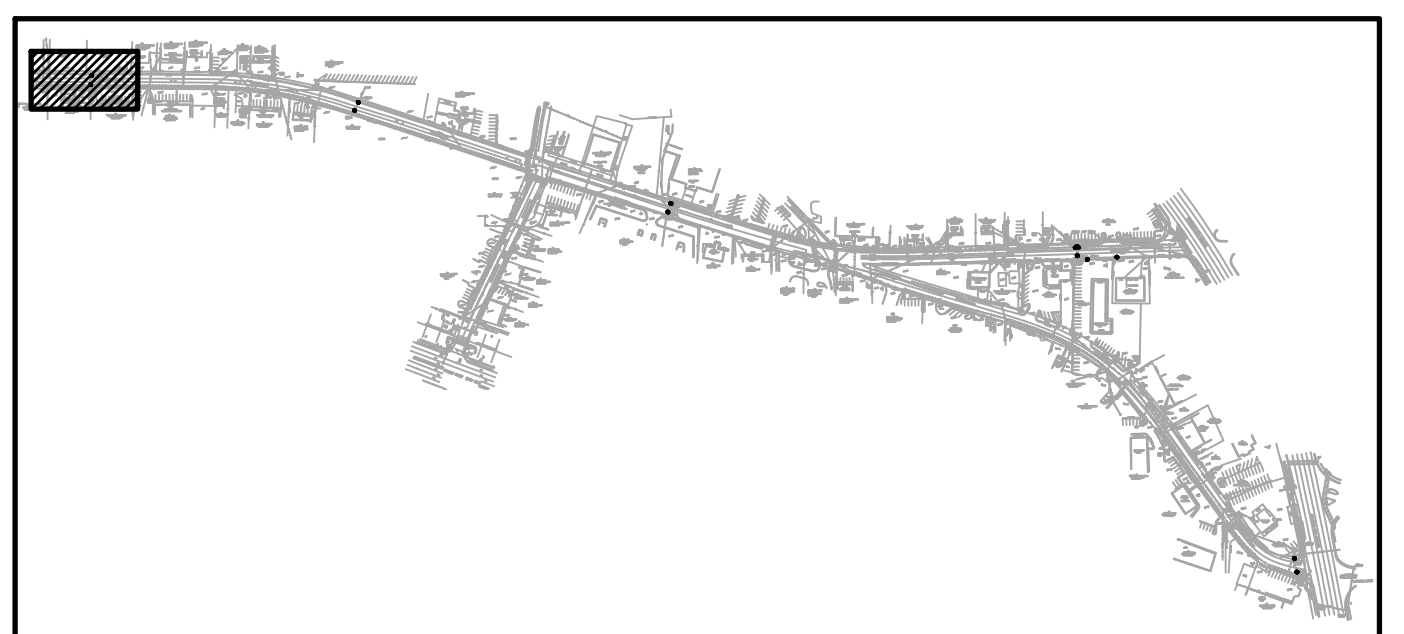
SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
 SCALE AS SHOWN
 DRAWING TITLE EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 1 OF 8)

ES.41



1 EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
 ES.41
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



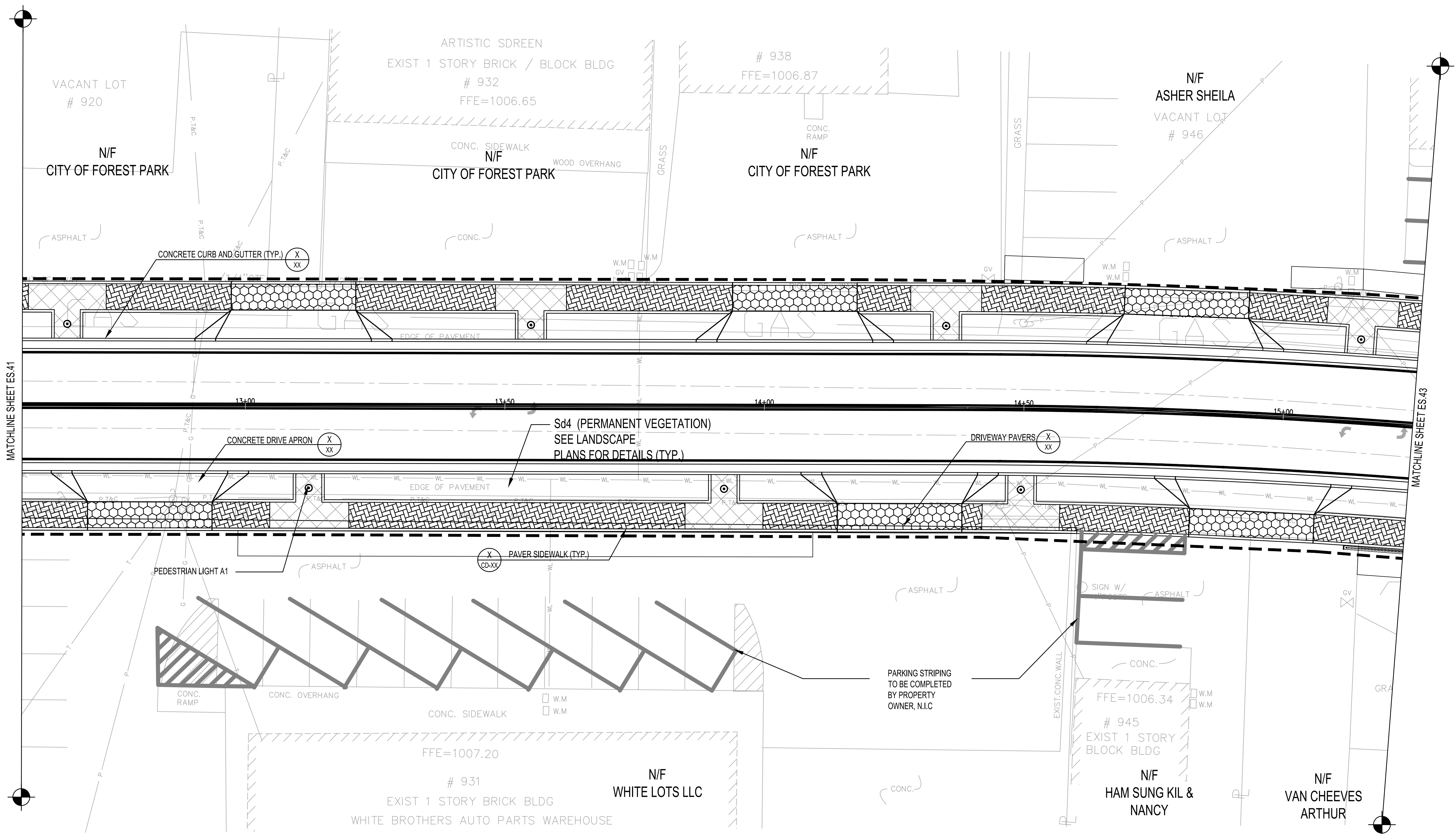
MATCHLINE SHEET ES.42

NO.	DATE	BY	REVISION

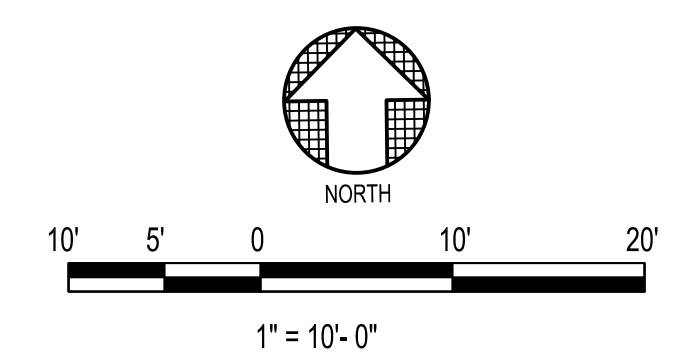
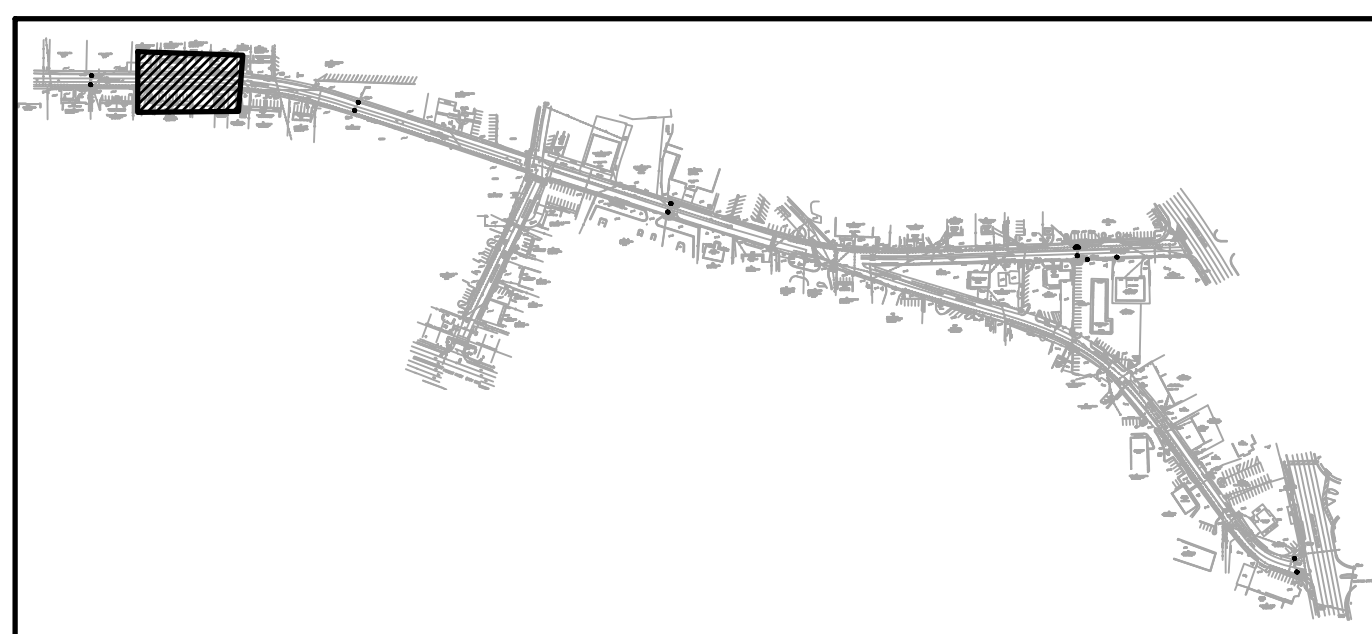


SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DATE APRIL 2022
 SCALE AS SHOWN
 DRAWING TITLE EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 2 OF 8)



1
 ES.42 EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



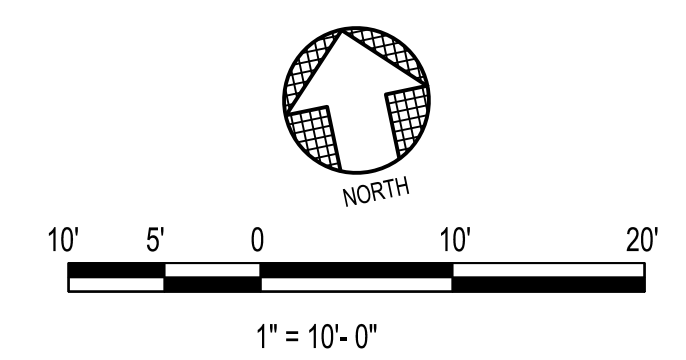
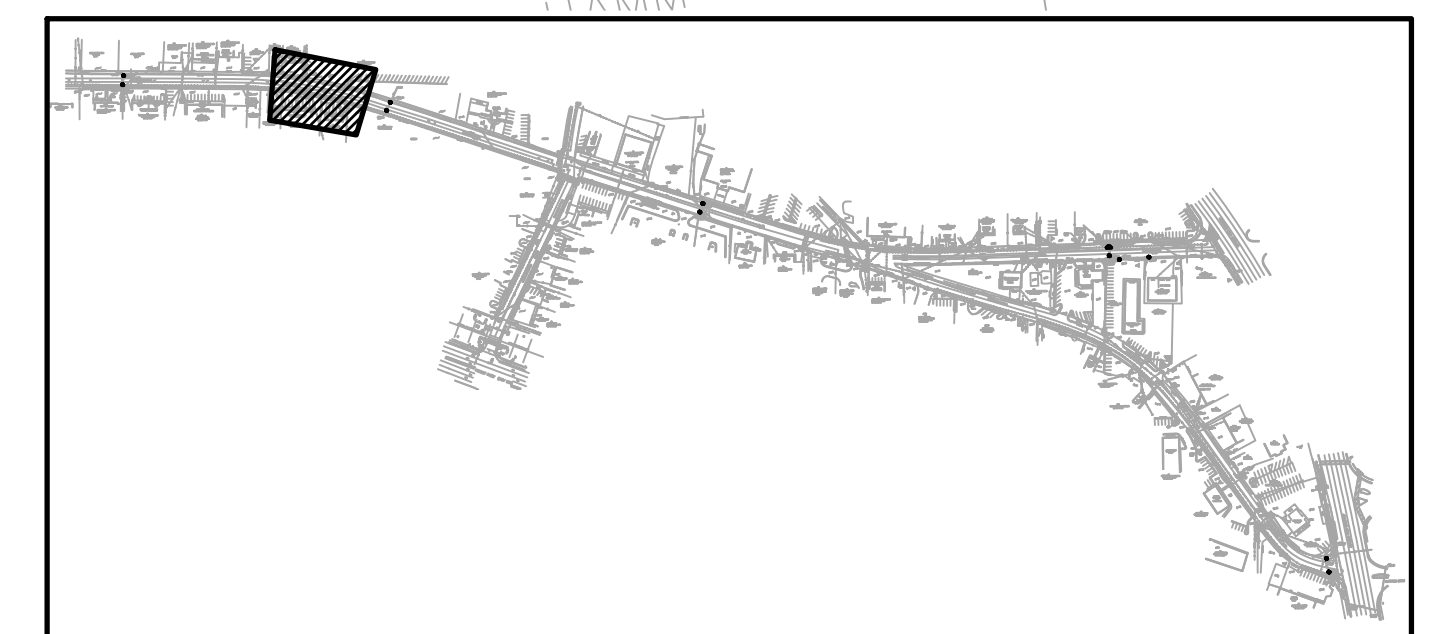
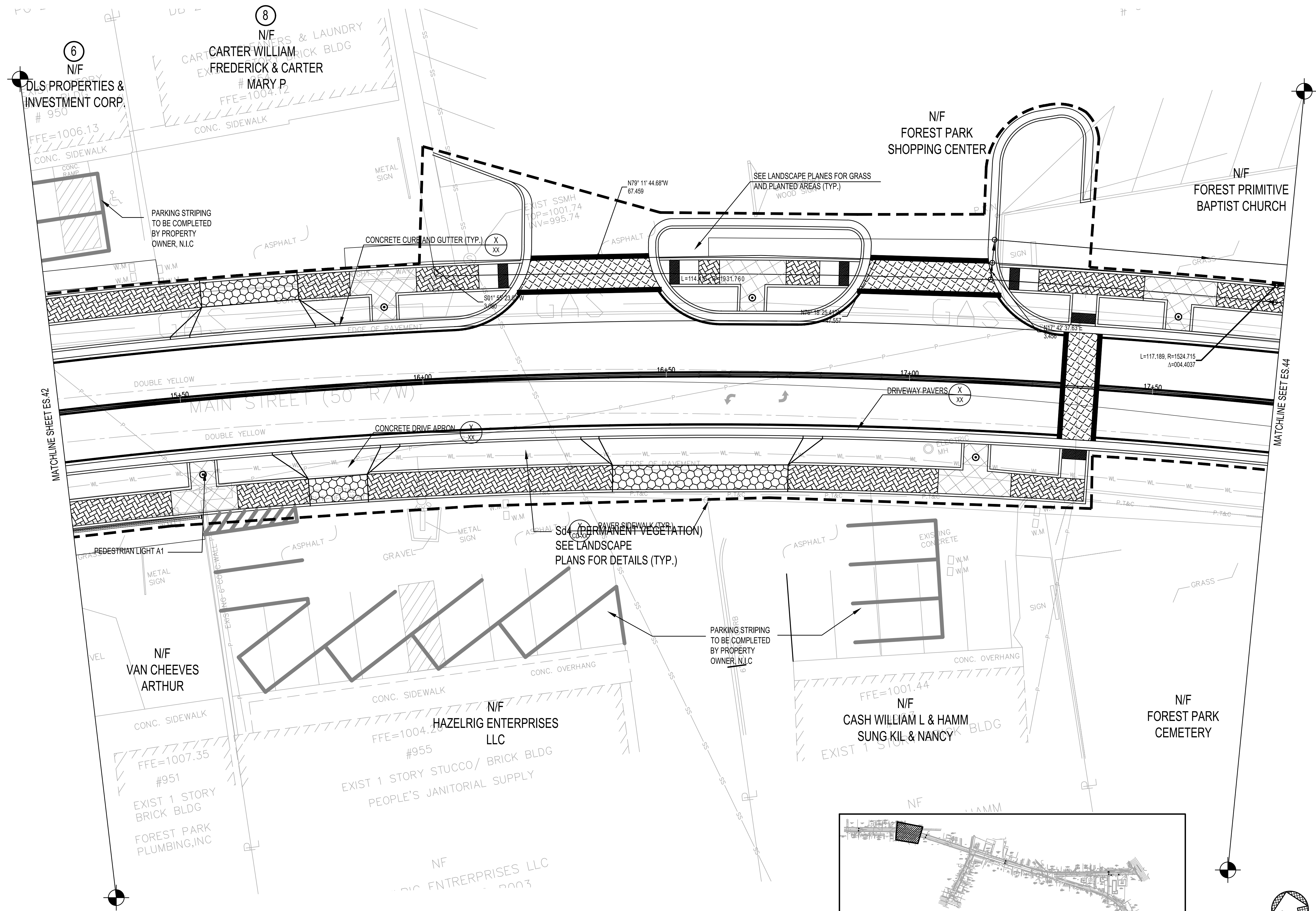
KEY PLAN

SYMBOL	DATE	BY	REVISION

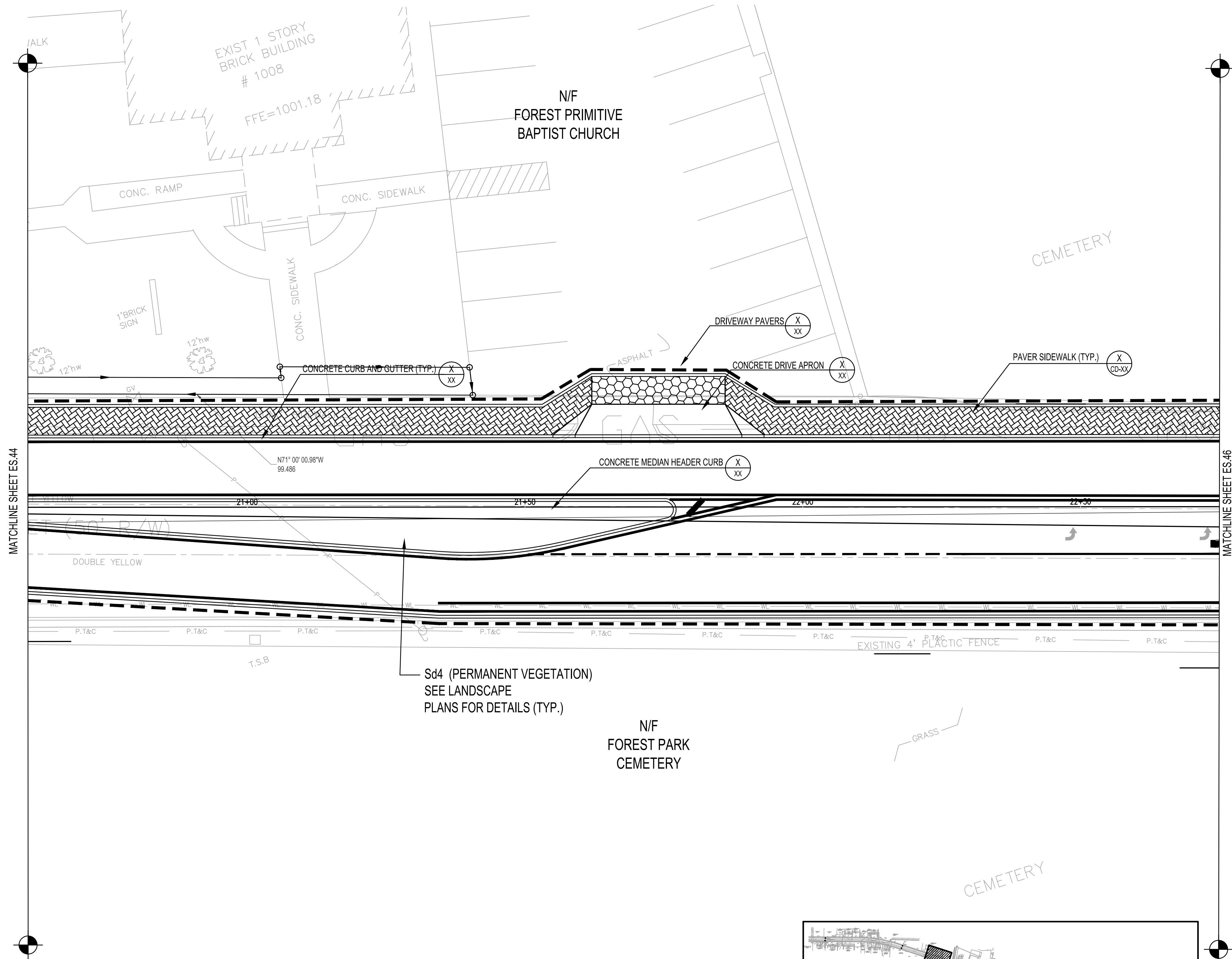


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 PROJECT FOREST PARK STREETSCAPE

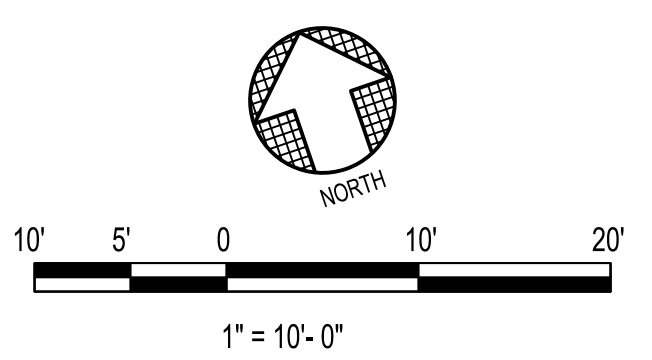
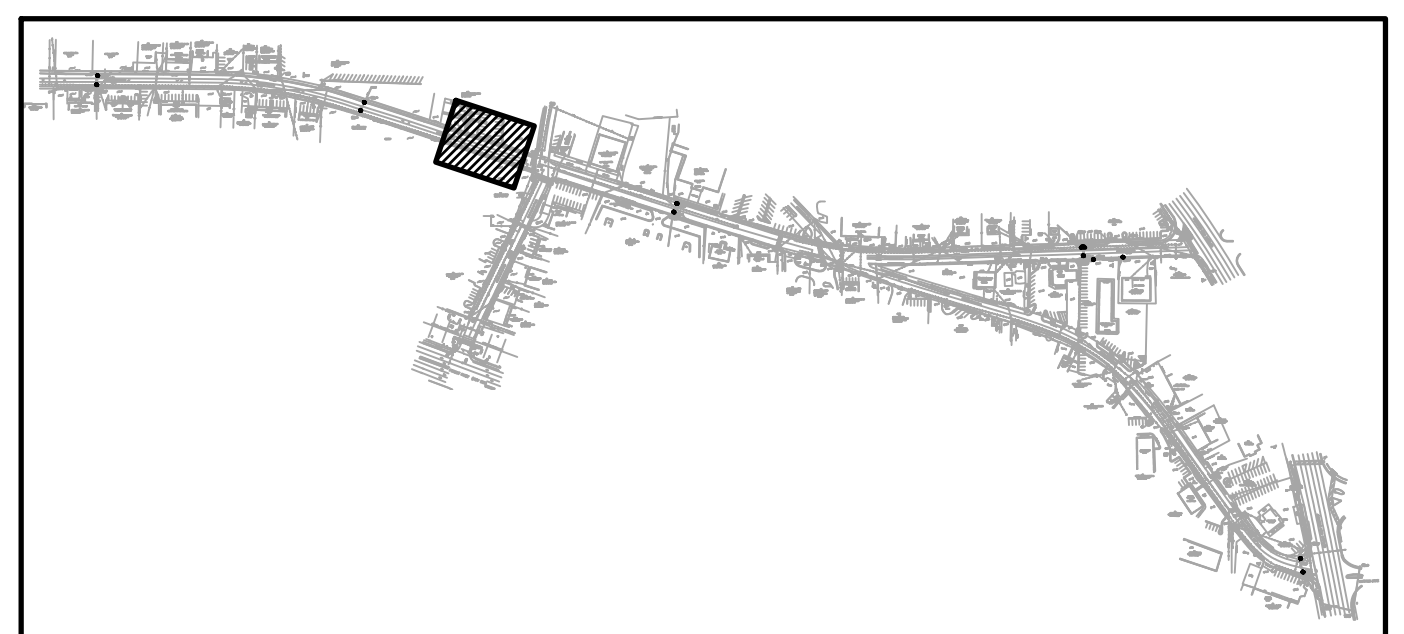
DESIGNED: MMR
 DRAWN: JON
 CHECKED: MBK
 DATE: APRIL 2022
 SCALE: AS SHOWN
 PROJECT: EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 3 OF 8)



1
 ES.43
EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



1
 ES.45 **EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE**
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



PROJECT NO. 2021008.20/1400400									
COUNTY: CLAYTON									
Robert and Company <small>Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30303-1629 404-577-4800 FAX: 404-577-7119 www.robertandcompany.com</small>									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">SYMBOL</td><td style="width: 20%;">DATE</td><td style="width: 20%;">BY</td><td style="width: 20%;">REVISION</td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	DATE	BY	REVISION				
SYMBOL	DATE	BY	REVISION						
SPONSOR/CIENT: CITY OF FOREST PARK, GEORGIA PROJECT: FOREST PARK STREETSCAPE									
DESIGNED: MMR DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 5 OF 8)	CHECKED: MBK DATE: APRIL 2022 SCALE: AS SHOWN								
ES.45									
SHEET 113 OF 130									

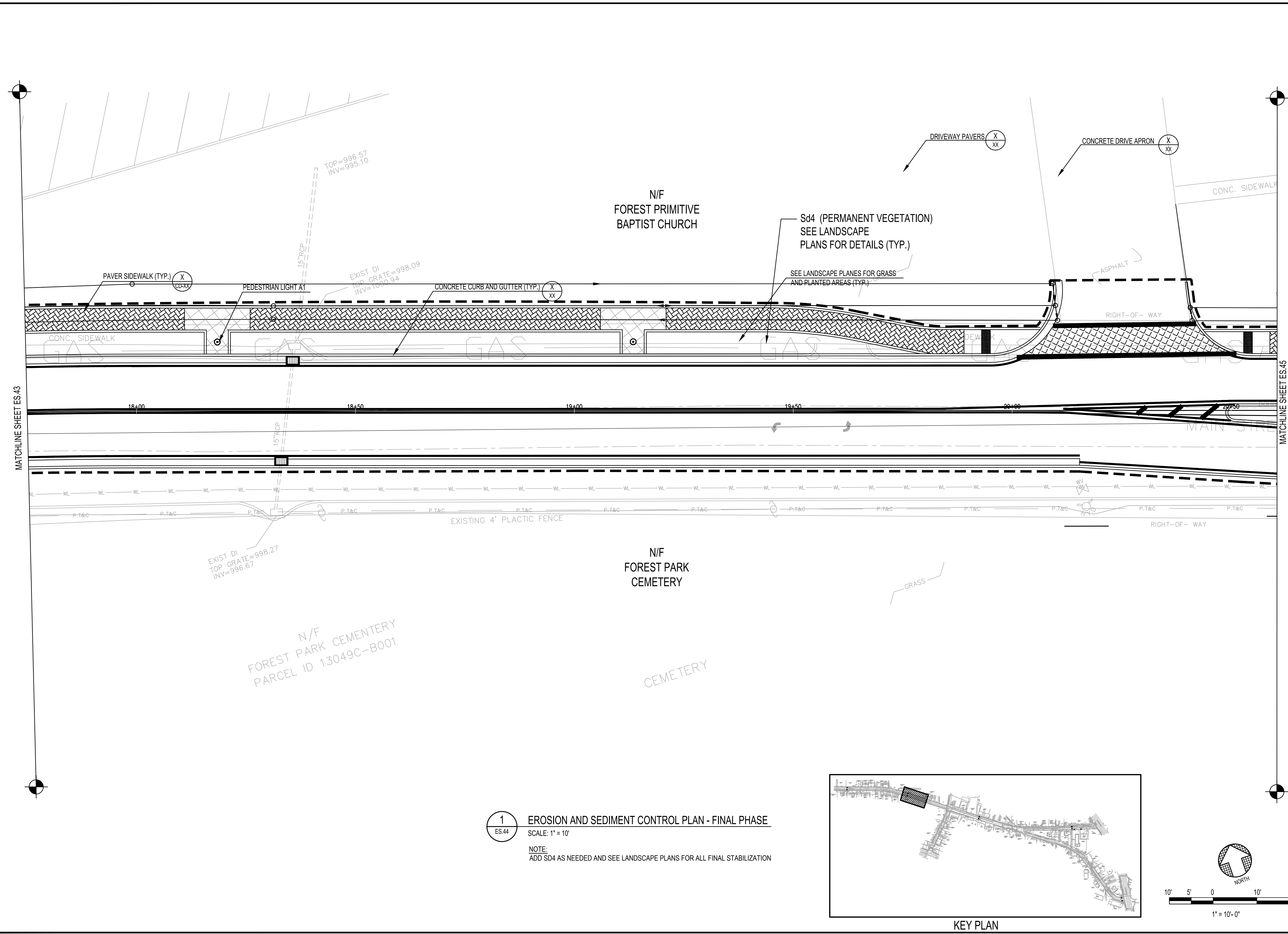
SYMBOL	DATE	BY	REVISION



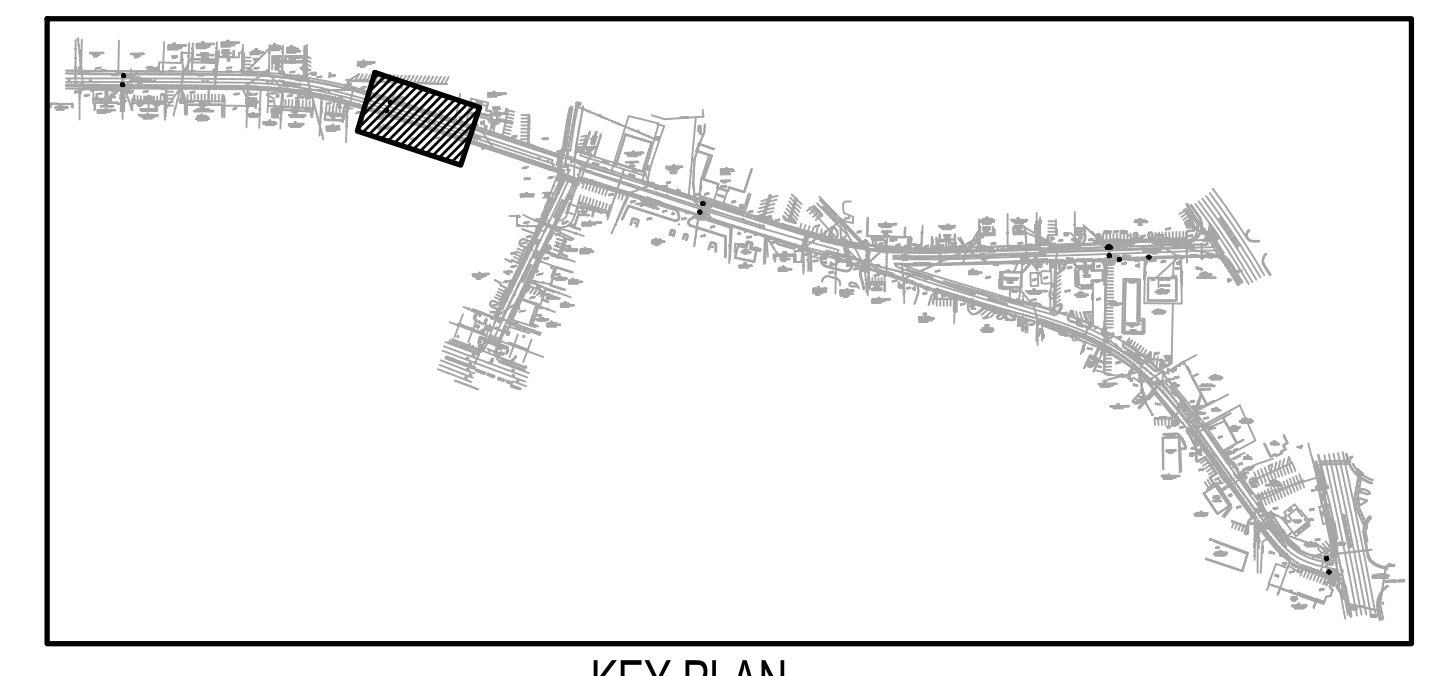
SPONSOR/CIENT: CITY OF FOREST PARK, GEORGIA
 PROJECT: FOREST PARK STREETSCAPE

DESIGNED: MMR
 PROJECT NO.: 2021008.20/1400400
 DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 4 OF 8)

DRAWING NO. **ES.44**



1
 ES.44 **EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE**
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



KEY PLAN

Robert and Company
 Engineers, Designers, Planners
 229 Peachtree Street, N.E. International Tower
 Suite 2100, Atlanta, Georgia 30305-1629
 404-577-4800 FAX: 404-577-7119
 www.robertandcompany.com

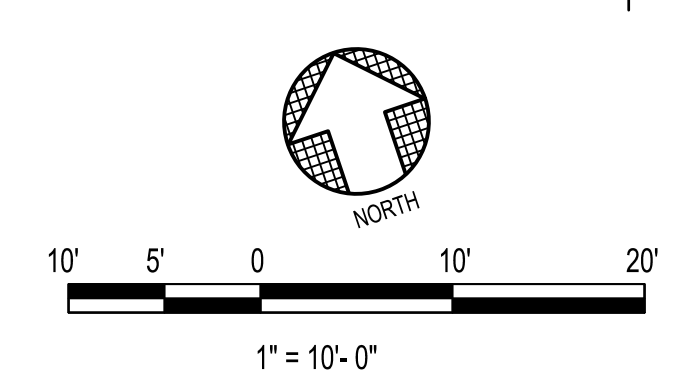
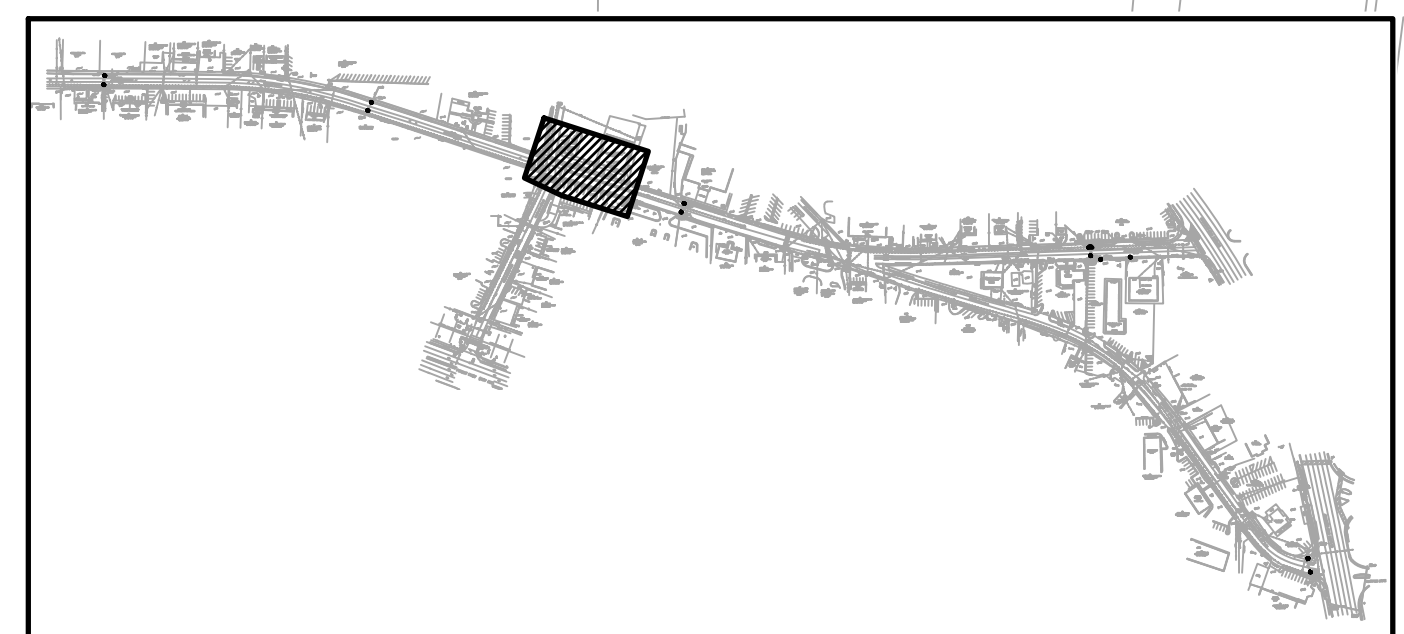
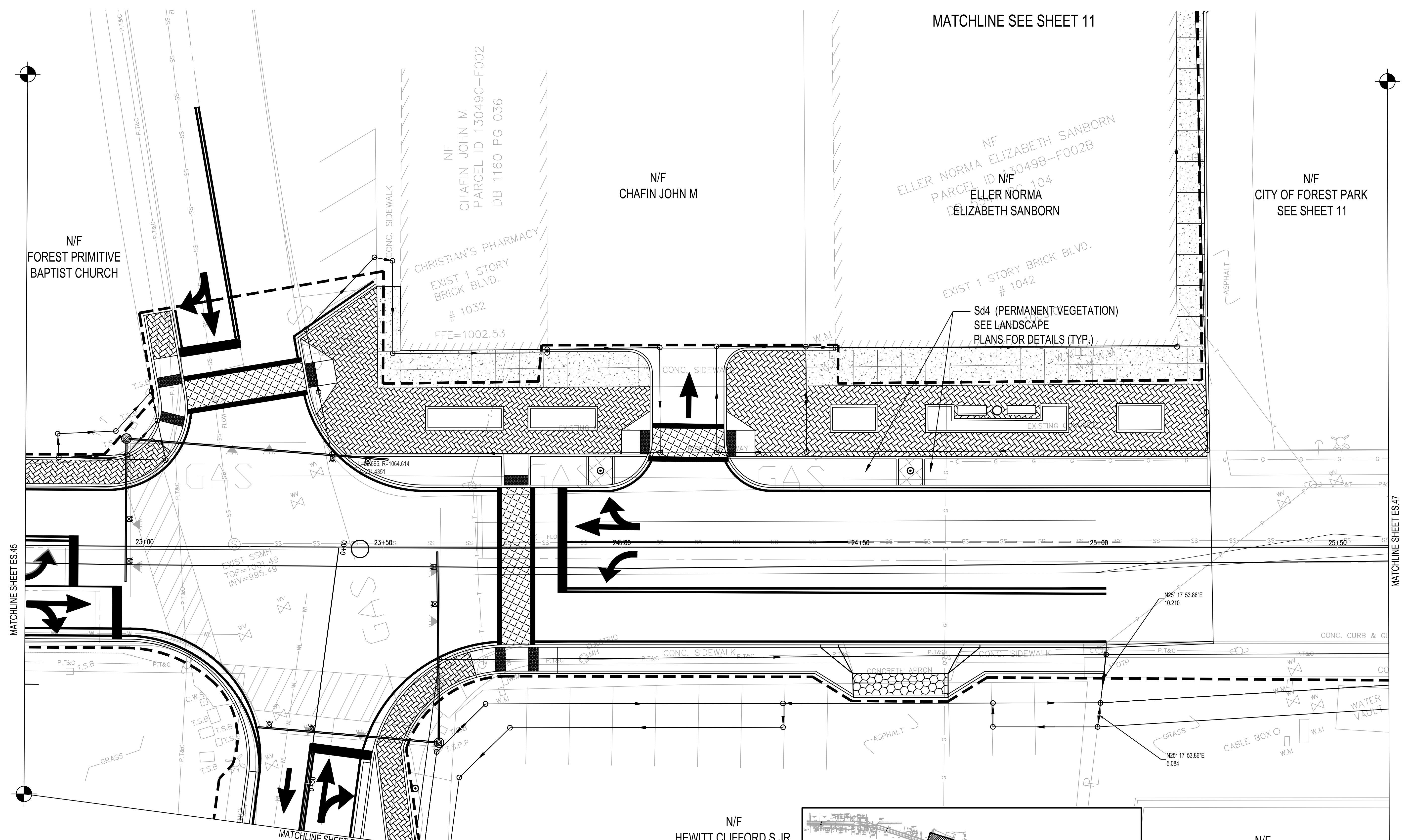
SYMBOL	DATE	BY	REVISION



SPONSOR/CITY OF FOREST PARK, GEORGIA
 PROJECT FOREST PARK STREETSCAPE

DESIGNED: MMR
 DRAWING NO. 2021008.20/1400400
 CHECKED: JON MBK
 DATE: APRIL 2022
 SCALE: AS SHOWN
 PROJECT: EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 6 OF 8)

ES.46



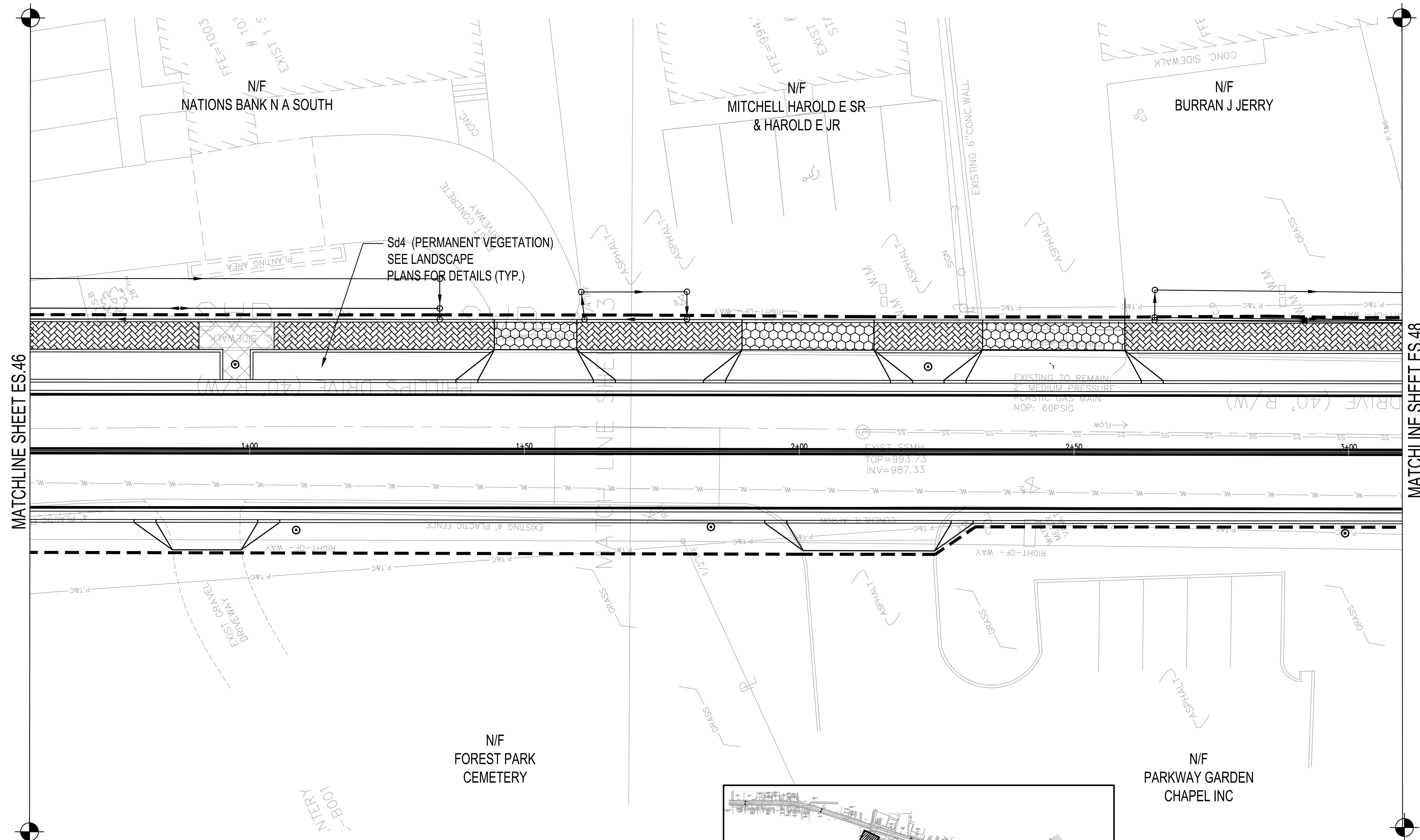
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 ES.46
EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
 SCALE: 1" = 10'
 NOTE:
 ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION

MATCHLINE SHEET ES.45

MATCHLINE SHEET ES.47

MATCHLINE SEE SHEET 11

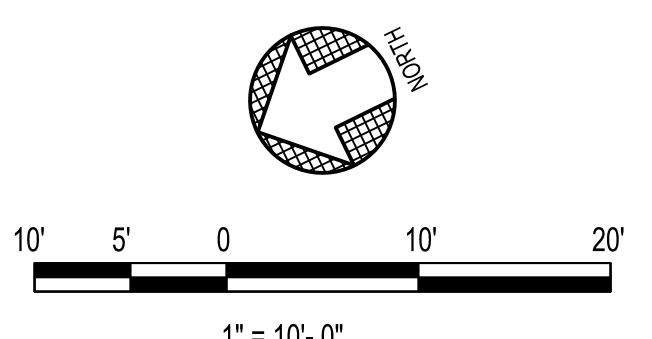
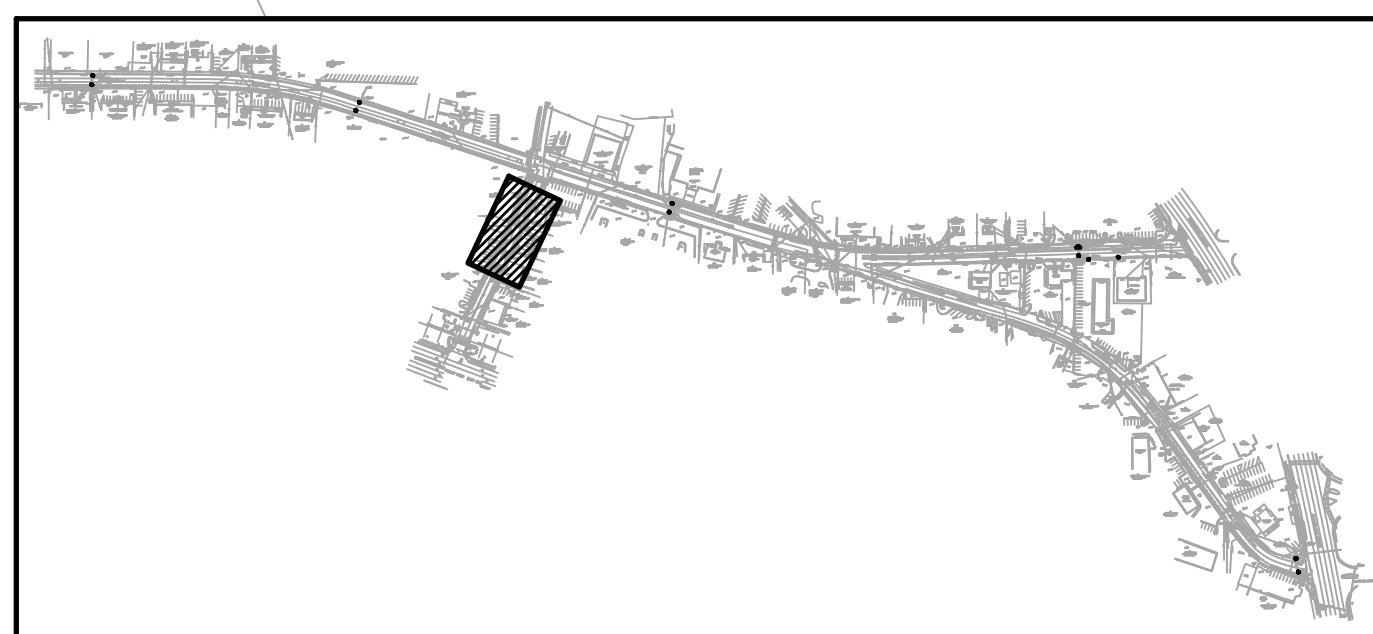
MATCHLINE SHEET ES.49



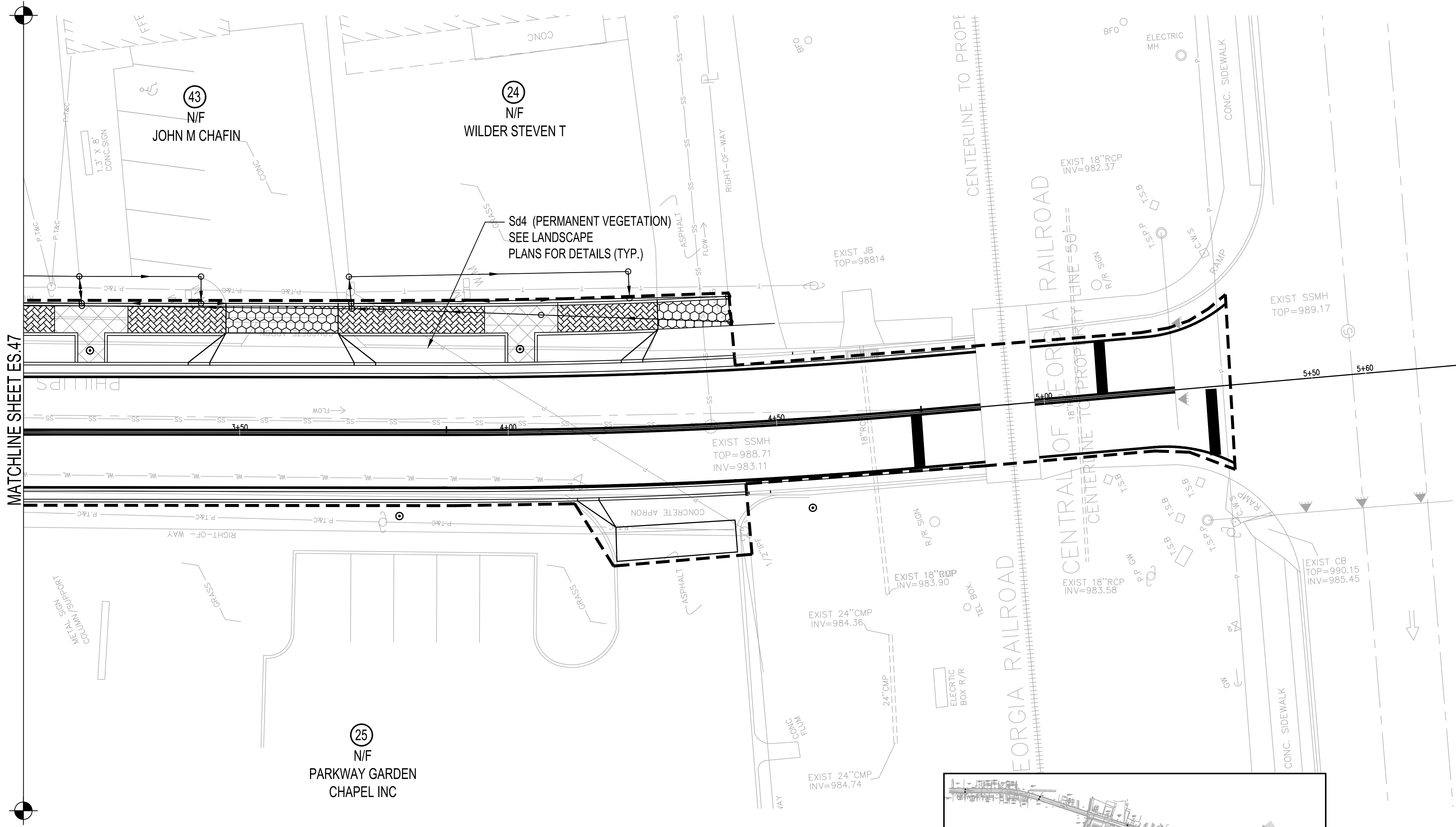
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ES.47

EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
SCALE: 1" = 10'

NOTE:
ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



PROJECT NO. 2021008.20/1400400	
COUNTY: CLAYTON	
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30309-1629 404-577-4800 FAX: 404-577-7119 www.robertandcompany.com	
DESIGNED BY MMR	CHECKED BY JON MBK
PROJECT NO. 2021008.20/1400400	DATE APRIL 2022
DRAWING TITLE EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 7 OF 8)	SCALE AS SHOWN
SPONSOR/CITY OF FOREST PARK, GEORGIA	
PROJECT FOREST PARK STREETSCAPE	
ES.47 SHEET 116 OF 130	

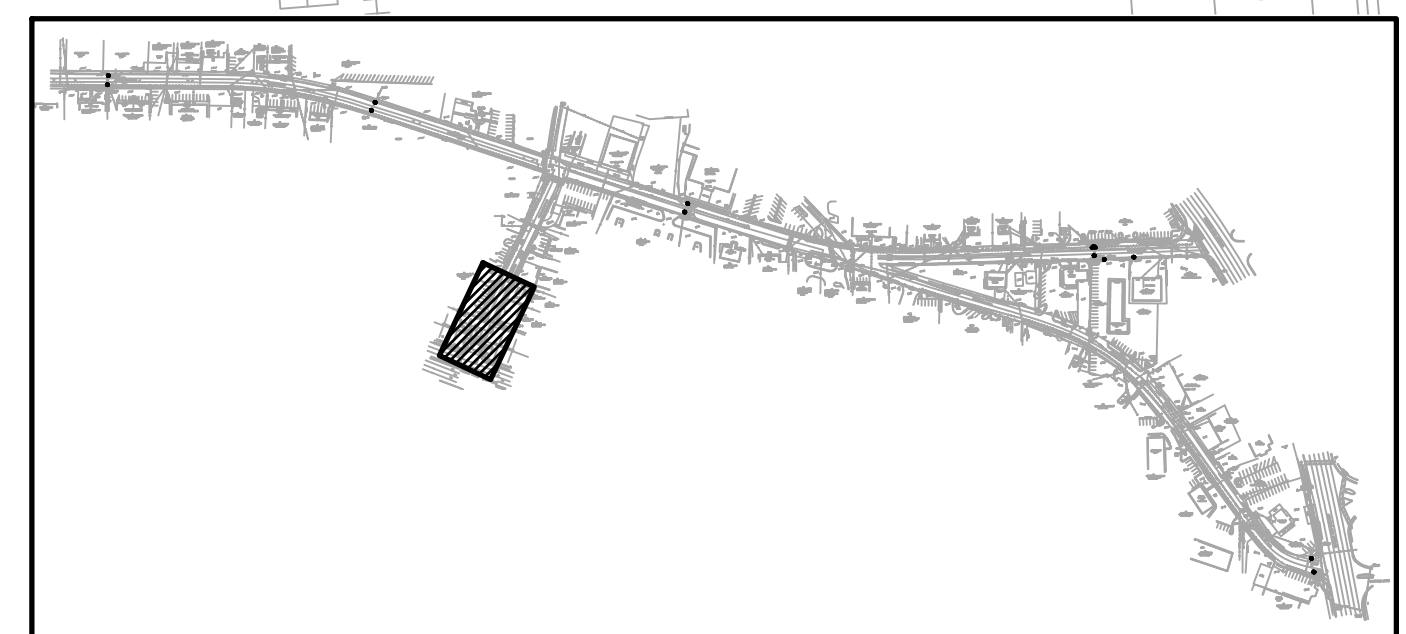


MATCHLINE SHEET ES.47

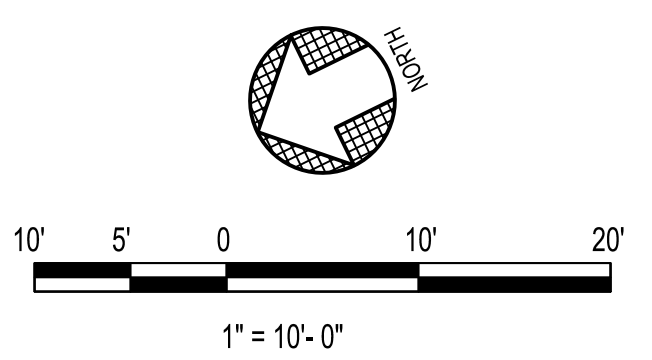
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ES.48

EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
SCALE: 1" = 10'

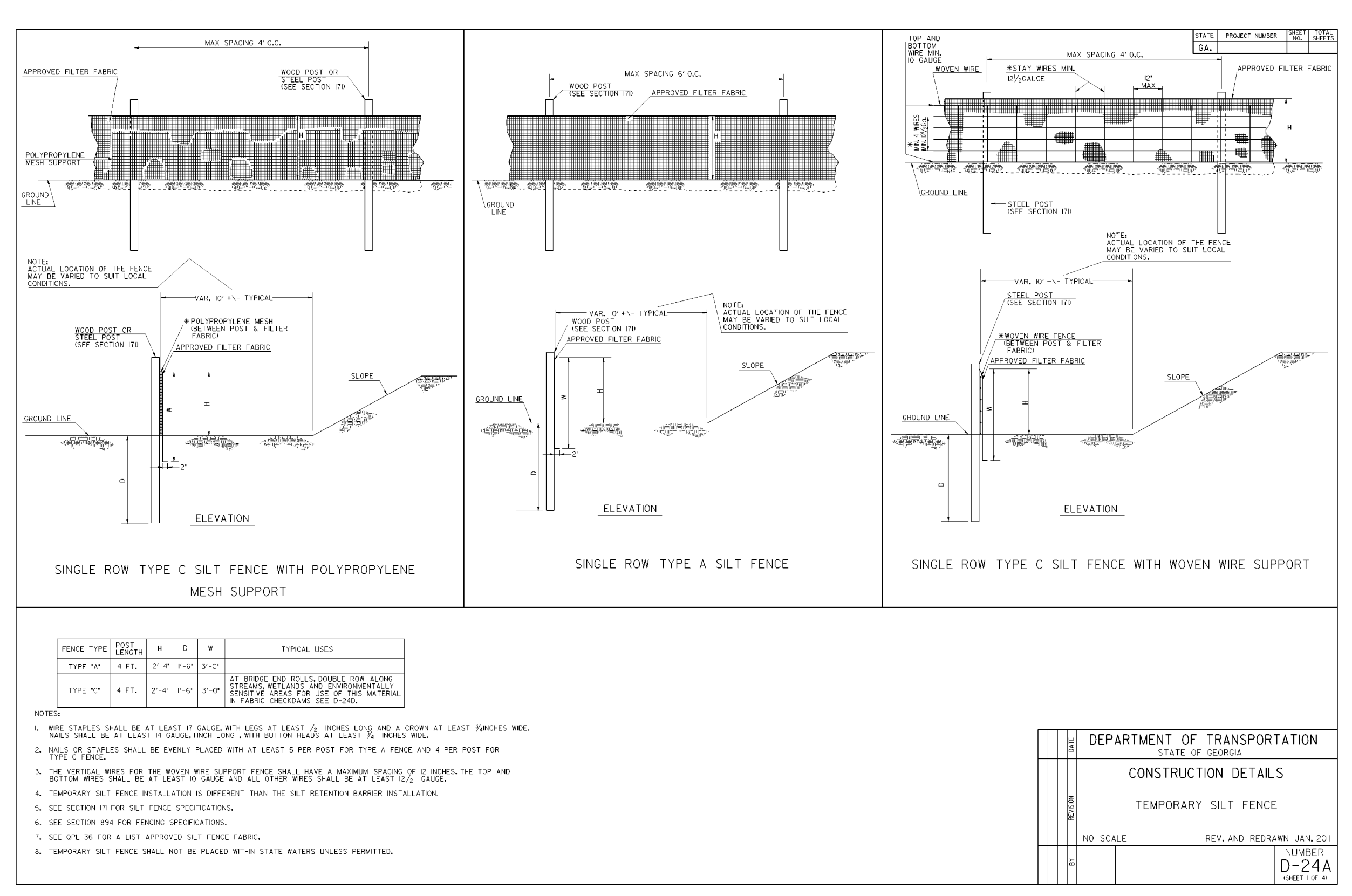
NOTE:
ADD SD4 AS NEEDED AND SEE LANDSCAPE PLANS FOR ALL FINAL STABILIZATION



KEY PLAN



PROJECT NO. 2021008.20/1400400									
COUNTY: CLAYTON									
Robert and Company Engineers, Designers, Planners 229 Peachtree Street, N.E. International Tower Suite 2100, Atlanta, Georgia 30309-1629 404-577-4800 FAX: 404-577-7119 www.robertandcompany.com									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SYMBOL</th> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	SYMBOL	DATE	BY	REVISION				
SYMBOL	DATE	BY	REVISION						
SPONSOR/CIENT CITY OF FOREST PARK, GEORGIA PROJECT FOREST PARK STREETSCAPE									
DESIGNED MMR PROJECT NO. 2021008.20/1400400	DATE APRIL 2022 SCALE AS SHOWN DRAWING TITLE EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE (SHEET 6 OF 8)								
ES.48									
SHEET 117 OF 130									



1 SILT FENCE
ES.100 N.T.S.

Dust Control on Disturbed Areas

DEFINITION
Controlling surface and air movement of dust on construction sites, roads, and demolition sites.

PURPOSE
• To prevent surface and air movement of dust from exposed soil surfaces.
• To reduce the presence of airborne substances which may be harmful or injurious to human health, welfare, or safety, or to animals or plant life.

CONDITIONS
This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS

A. Temporary Methods

Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to specification Tac - Tackifiers. Resins such as Curasol or Terratack should be used according to manufacturer's recommendations.

Vegetative Cover. See specification Ds2 - Disturbed Area Stabilization (With Temporary Seeding).

Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas. Refer to specification Tac - Tackifiers.

Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency measure which should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect.

Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.

Barriers. Solid board fences, snowfences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion.

Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.

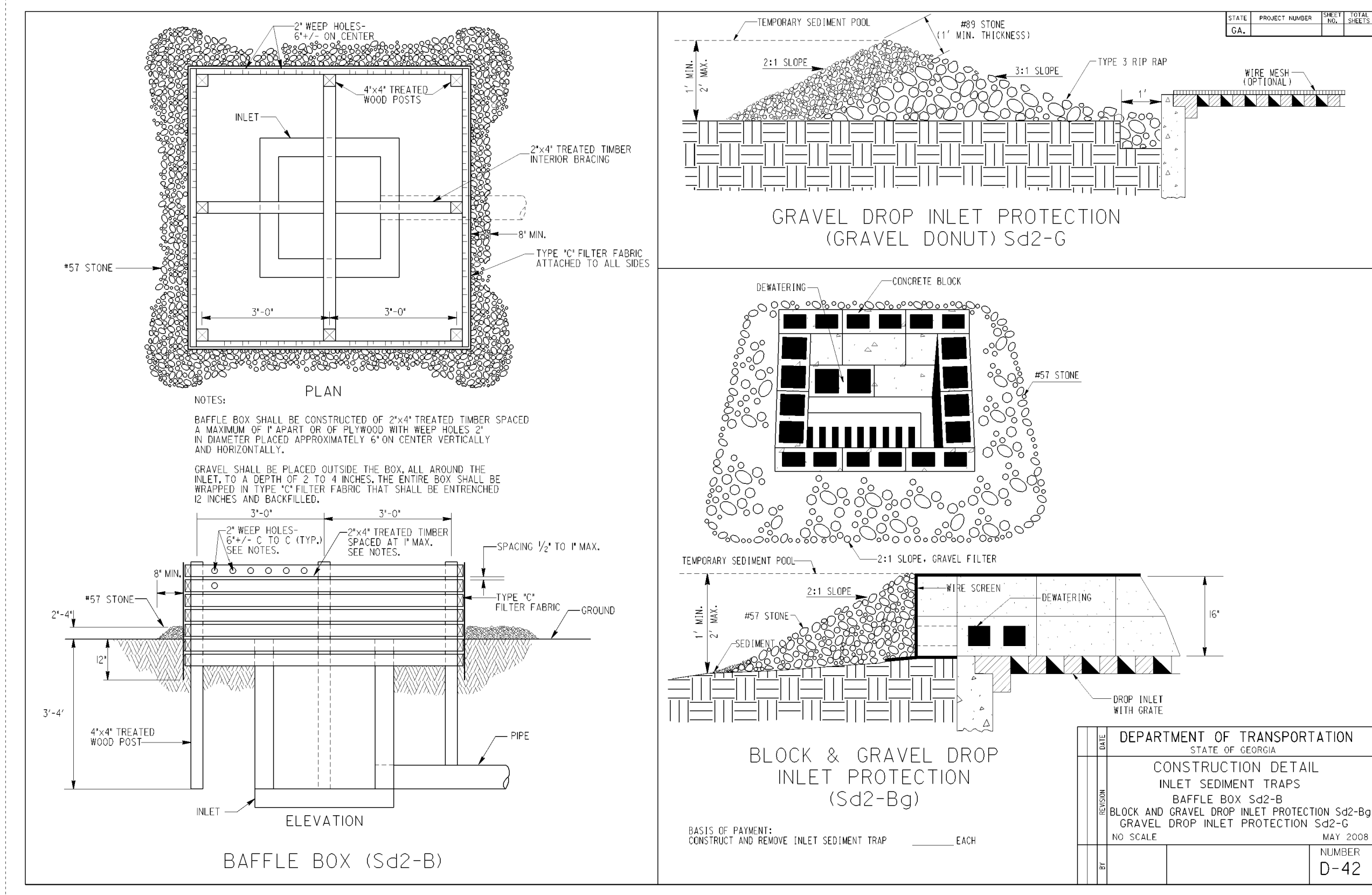
B. Permanent Methods

Permanent Vegetation. See specification Ds3 - Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place.

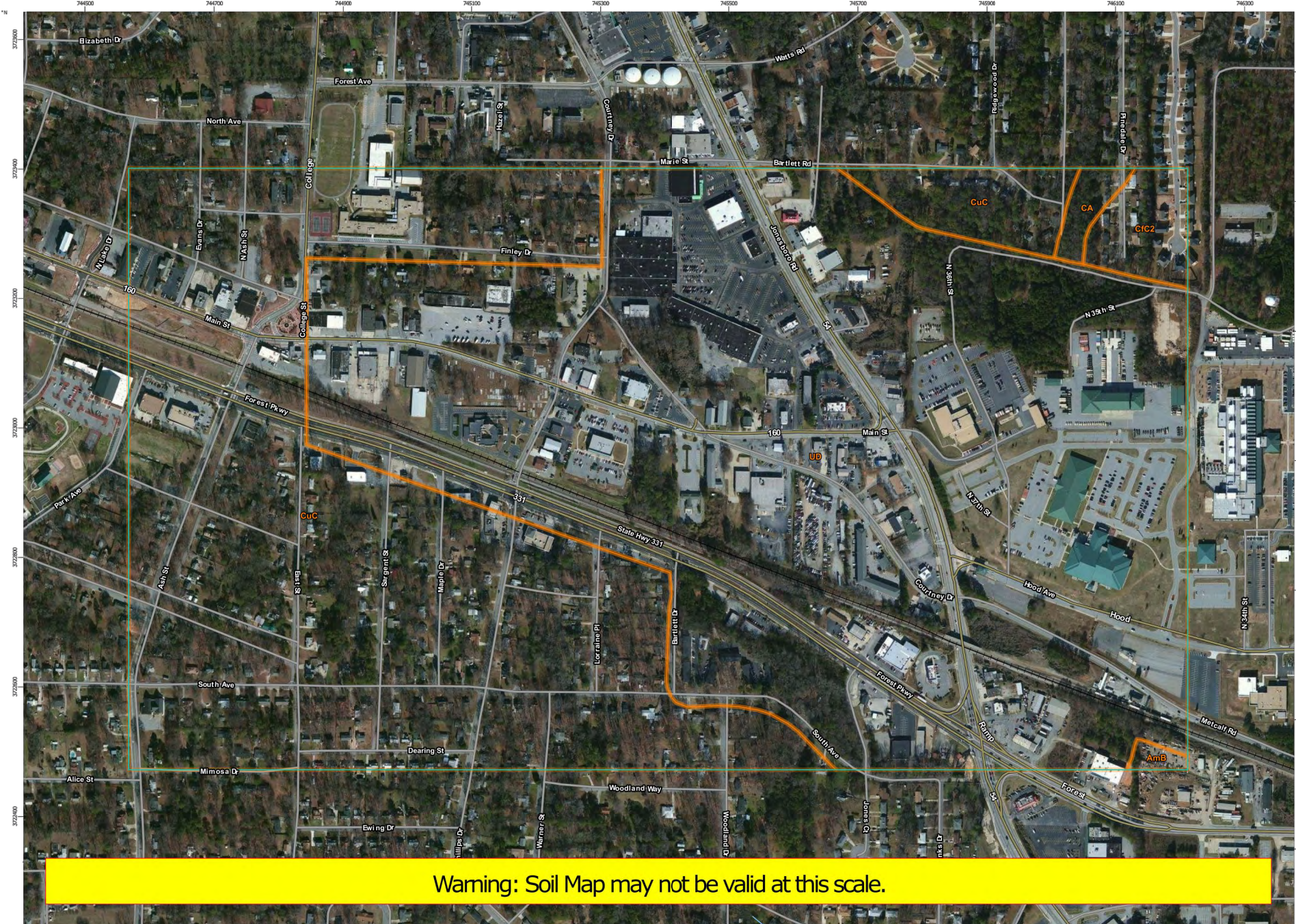
Topsailing. This entails covering the surface with less erosive soil material. See specification Tp - Topsailing.

Stone. Cover surface with crushed stone or coarse gravel. See specification Cr-Construction Road Stabilization.

3 DUST CONTROL
ES.100 N.T.S.



2 INLET SEDIMENT TRAPS
ES.100 N.T.S.



Map Unit Legend

Clayton, Fayette, and Henry Counties, Georgia (GA625)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AmB	Applying sandy loam, 2 to 6 percent slopes	0.8	0.2%
CA	Cartecay soils	2.1	0.5%
CfC2	Cecil sandy clay loam, 6 to 10 percent slopes, eroded	5.6	1.5%
CuC	Cecil-Urban land complex, 2 to 10 percent slopes	149.1	39.5%
UD	Urban land	220.3	58.3%
Totals for Area of Interest		377.8	100.0%

4 SOILS MAP
ES.100 N.T.S.

PROJECT NO. 2021008.20/1400400
COUNTY: CLAYTON

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229 Peachtree Street, N.E. International Tower
Suite 2100, Atlanta, Georgia 30303-0129
404-571-4800 FAX: 404-571-7719
www.robertandcompany.com

SPONSOR/CIENT: CITY OF FOREST PARK, GEORGIA
PROJECT: FOREST PARK STREETScape

DATE: APRIL 2022
SCALE: AS SHOWN

DESIGNED: MMR
DRAWN: JON
CHECKED: MBK
DATE: APRIL 2022

PROJECT NO. 2021008.20/1400400
DRAWING TITLE: EROSION AND SEDIMENT CONTROL DETAILS
DRAWING NO.

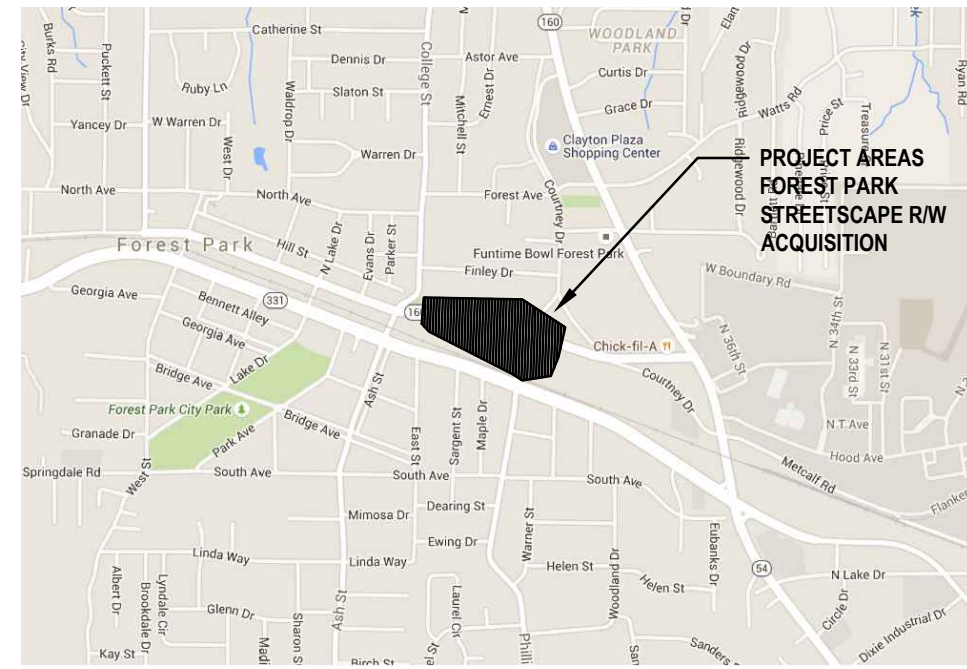
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SHEET 118 OF 130

STATE	CITY	SHEET NO.	TOTAL SHEETS
GA.	FOREST PARK	120	130

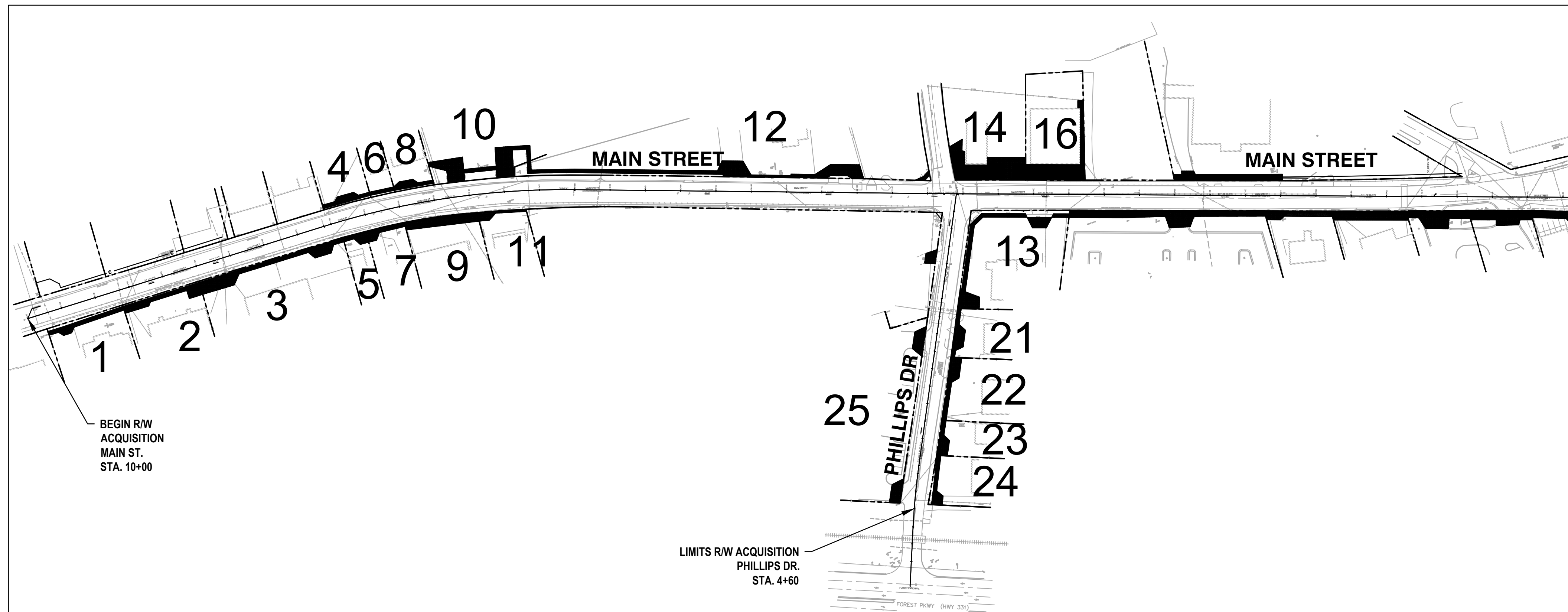
CITY OF FOREST PARK RIGHT-OF-WAY PLANS

LOCALLY FUNDED PROJECT Clayton County PHASE 2A



CONVENTIONAL SIGNS LEGEND

STATE, COUNTY, OR LAND LOT LINE	_____
CITY LIMIT LINE	_____
PROPERTY LINE	---P---
SURVEY OR BASE LINE	_____
RIGHT OF WAY LINE	EXISTING _____
	REQUIRED _____
	LIMIT OF ACCESS ---o---o---
	R/W & LIMIT OF ACCESS --- --- ---
R/W MARKERS	---X---X---
FENCE	---X---X---
RAILROADS	====
POWER LINE	---P---P---
TELEPHONE LINE	---T---T---
POWER POLES	■
TELEPHONE OR TELEGRAPH POLES	●



NOTE:
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA", "STATE HIGHWAY DEPARTMENT", "GEORGIA STATE HIGHWAY DEPARTMENT", "HIGHWAY DEPARTMENT", OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA MEAN, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH THE TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

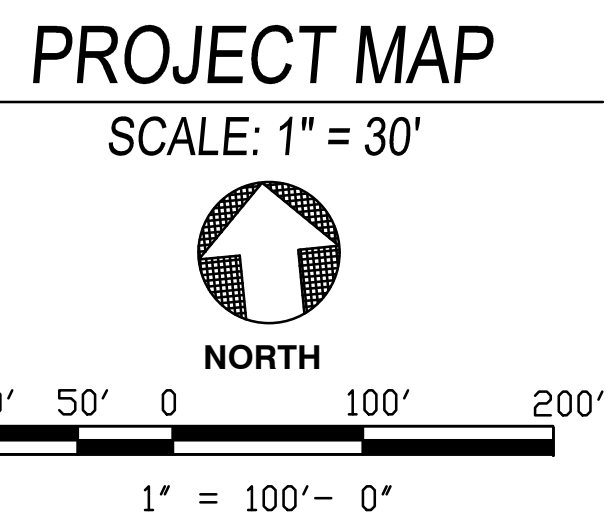
BEFORE YOU DIG IN GEORGIA . . .
CALL US FIRST 1-800-282-7411

FOREST PARK STREETScape	CLAYTON COUNTY	MILES
NET LENGTH OF RIGHT-OF-WAY GROSS		0.48
LENGTH OF EXCEPTIONS		0.00
GROSS LENGTH OF R/W		0.48
LENGTH OF ROADWAY		0.48

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

COVER.....	SHEET 1
R/W PLANS.....	SHEET 2-11
R/W CHARTS.....	SHEET 12

CLAYTON COUNTY



DRAWING PREPARED BY:



UNDER THE SUPERVISION OF: _____ MBK
APPROVED BY: _____
PREPARED BY: **Robert and Company**
PLANS COMPLETE DATE: _____ APRIL 15, 2022

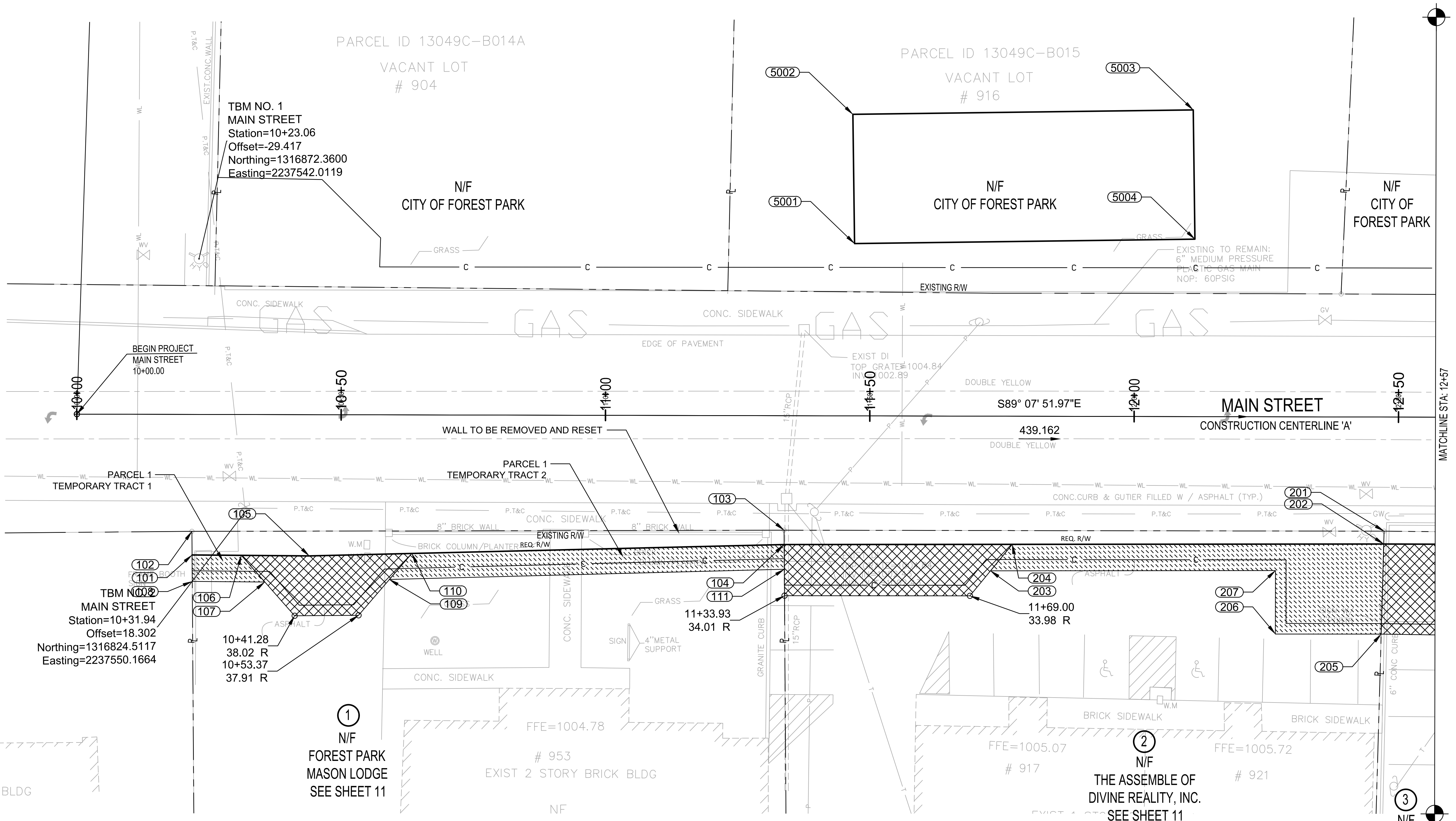
STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS

PROJECT NO: 14004
COUNTY: CLAYTON
LAND LOT NO:
LAND DISTRICT:
GMD: N/A
DATE: 06/15/2021

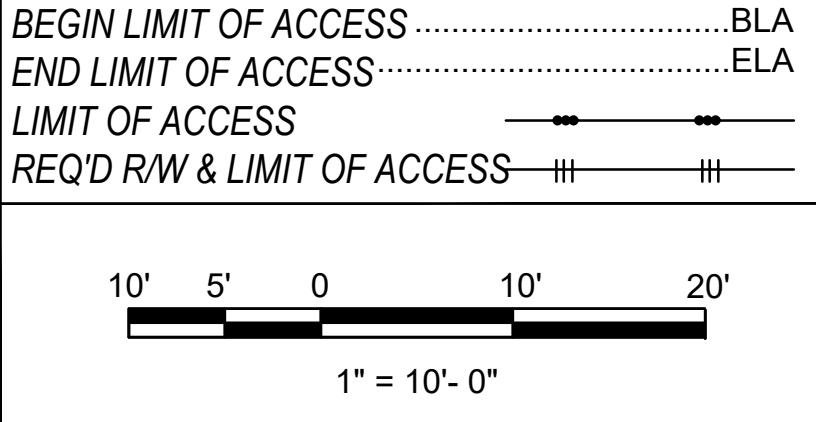
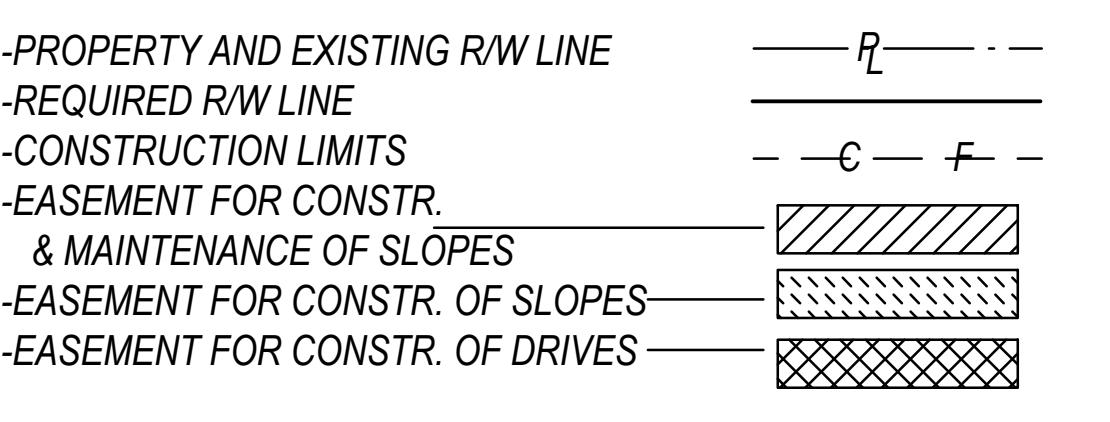
RW.01

SHEET 120 OF 130

THIS PROJECT IS LOCATED 100% IN CLAYTON COUNTY.



- NOTES**
- SEE SHEET '11-12' FOR ALL STATIONS, OFFSETS, BEARINGS, DISTANCES, AND AREAS THAT ARE REPRESENTED WITH THE POINT NUMBERS ON THESE PLAN SHEETS.
 - FOR THE USE OF THESE PLANS, TEMPORARY TRACTS SHALL REFER TO THE EASEMENTS FOR CONSTRUCTION OF SLOPES.



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 Suite 2000. Atlanta, Georgia 30303-1629
 404 577-4000 FAX: 404 577-7119

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STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY PLANS

PROJECT NO: 14004
 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 04/15/2022

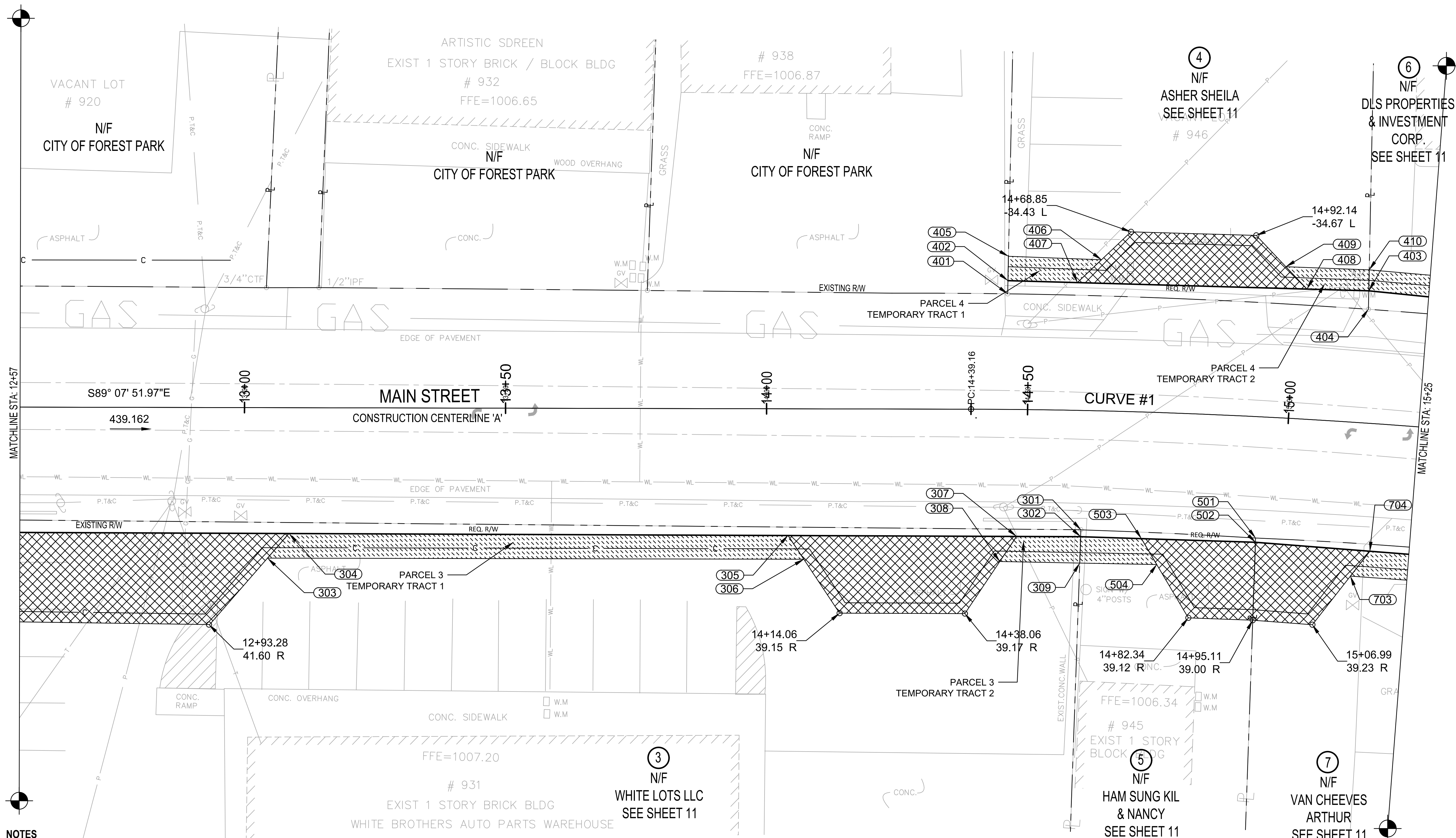
LEVEL II CERTIFICATION #1111

RW.02

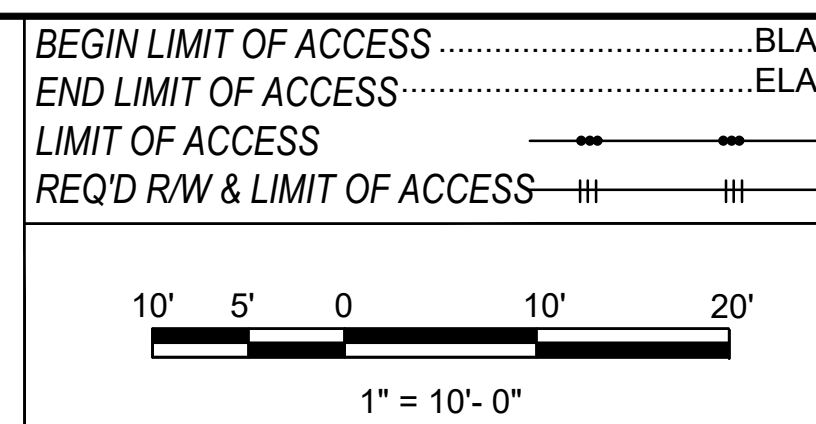
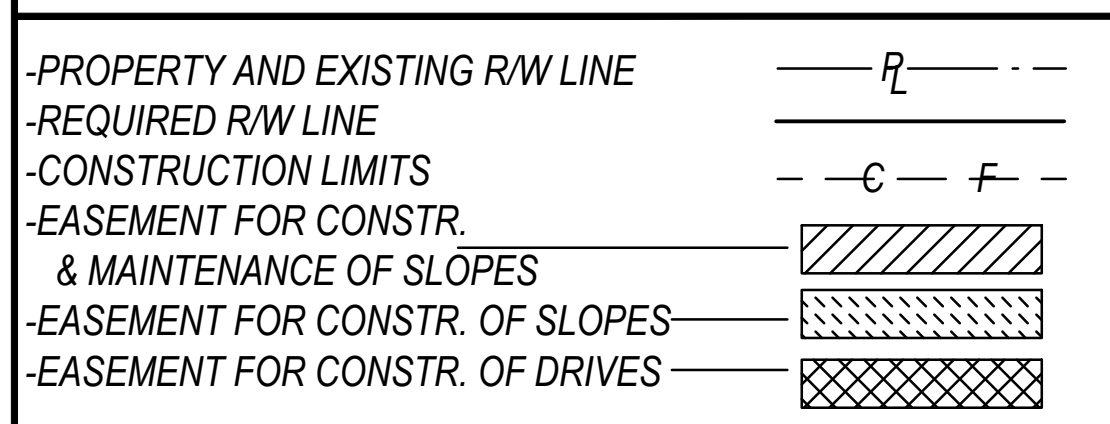
SHEET 121 OF 130



MATCHLINE STA: 12+57



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 RIGHT OF WAY PLANS

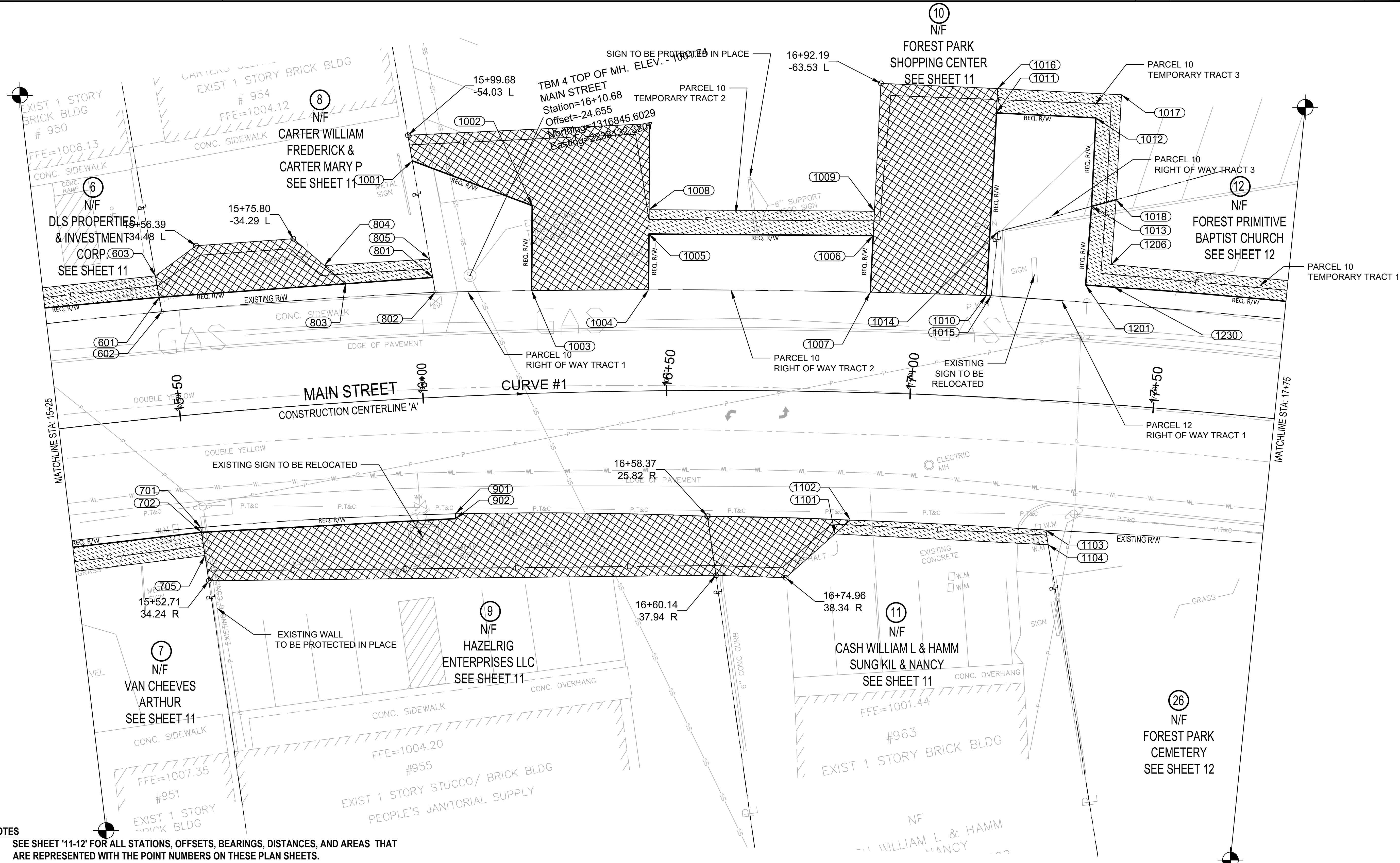
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COUNTY:	CLAYTON
LAND LOT NO:	
LAND DISTRICT:	
GMD:	N/A
DATE:	04/15/2022

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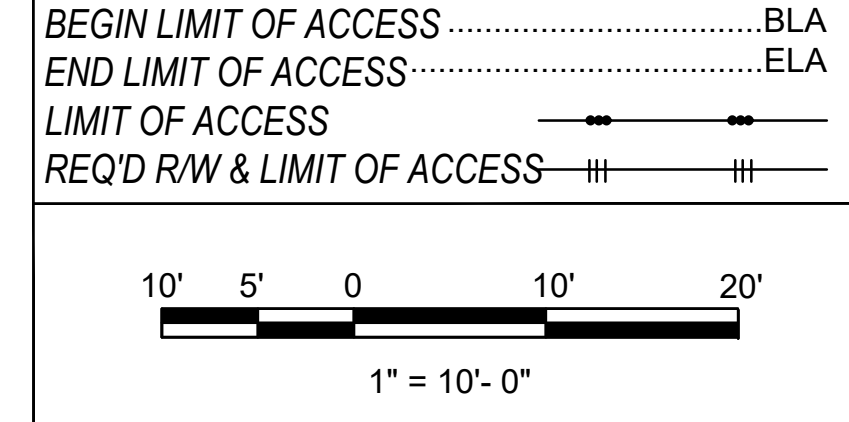
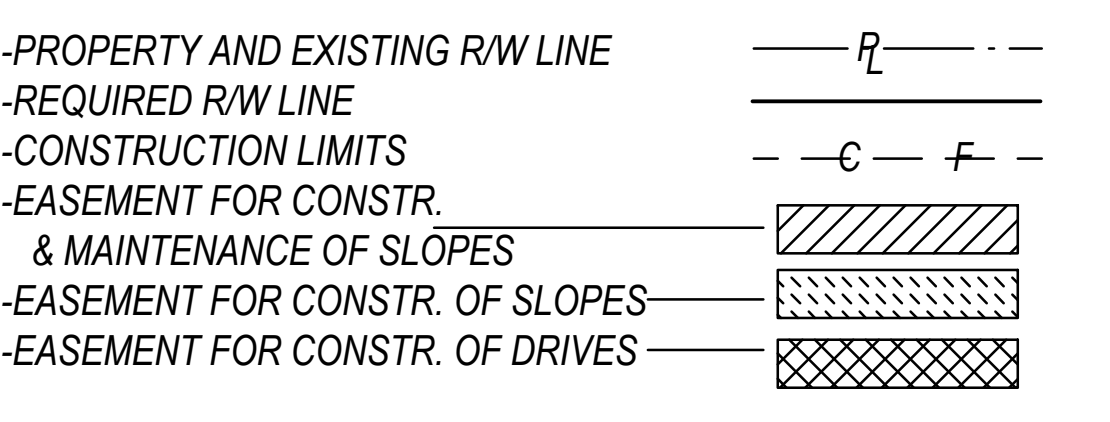
LEVEL II CERTIFICATION #4475

SHEET 122 OF 130





- NOTES**
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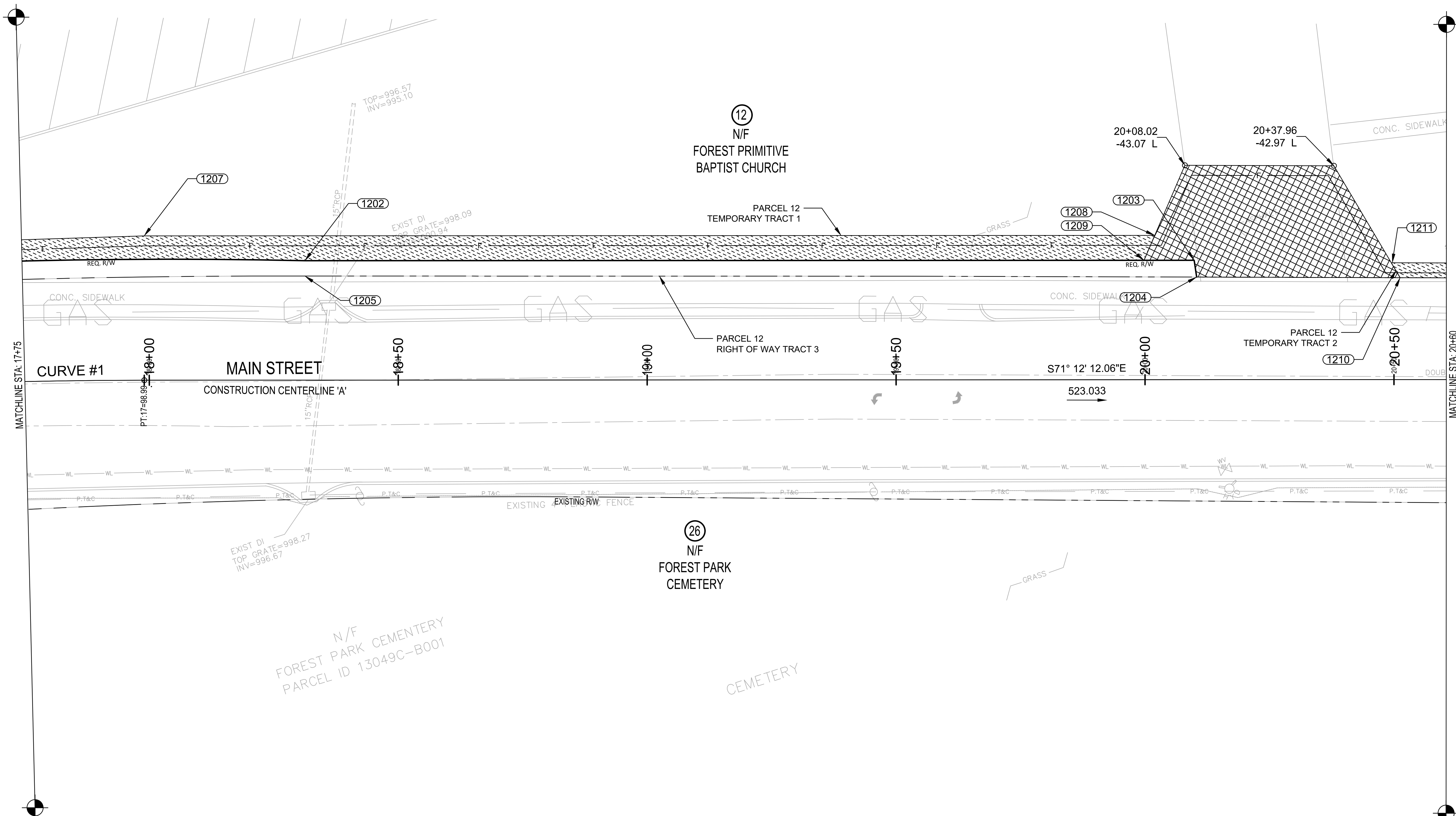
PROJECT NO: 14004
 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 04/15/2022

PROJECT 14004
 COUNTY CLAYTON
 LAND DISTRICT
 GMD N/A
 DATE 04/15/2022

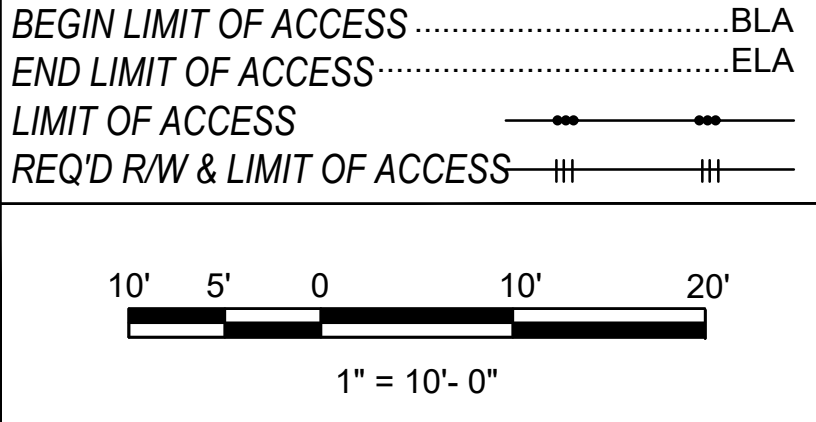
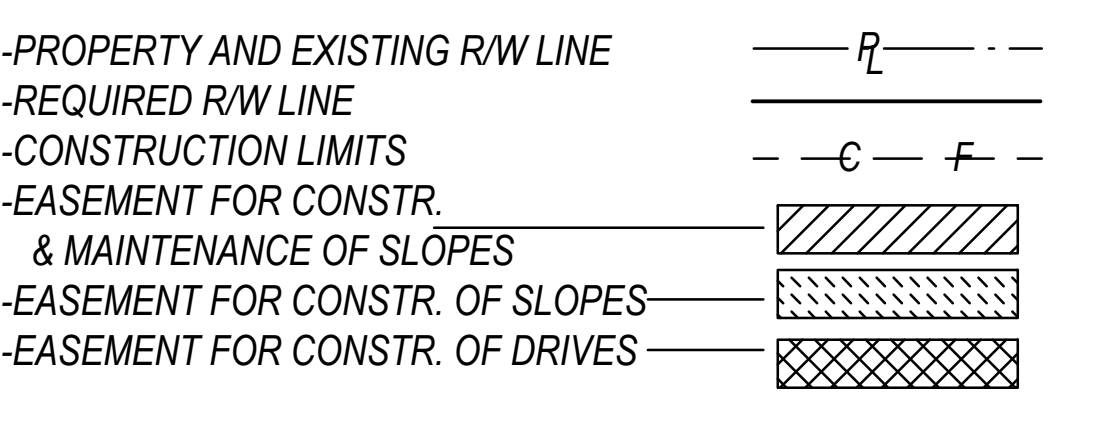
RW.04

SHEET 123 OF 130





- NOTES**
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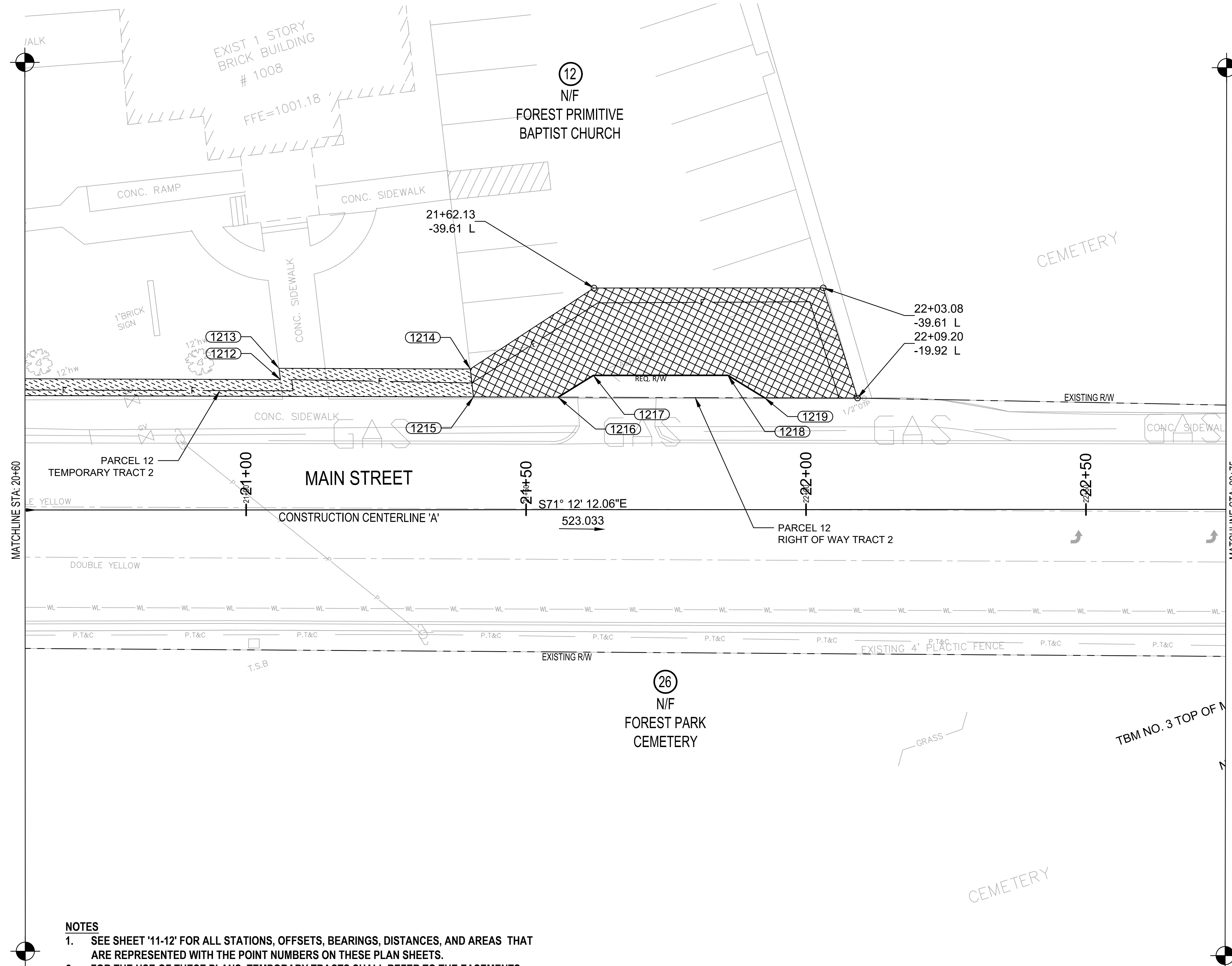
STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY PLANS

PROJECT NO:	14004
COUNTY:	CLAYTON
LAND LOT NO:	
LAND DISTRICT:	
GMD:	N/A
DATE:	04/15/2022

RW.05

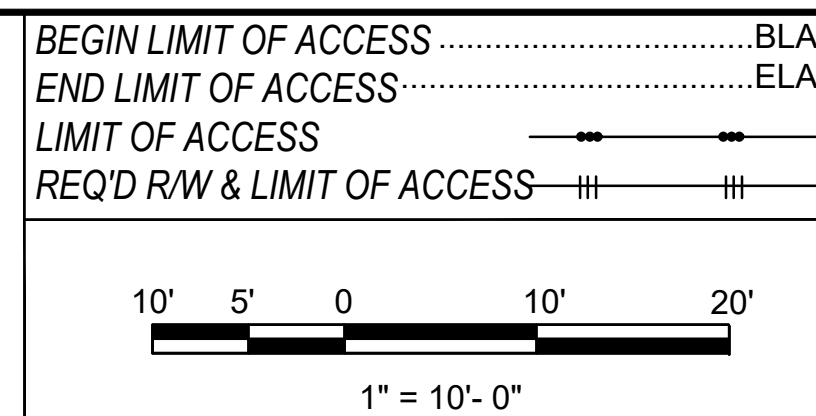
SHEET 124 OF 130





- NOTES**
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-PROPERTY AND EXISTING R/W LINE	
-REQUIRED R/W LINE	
-CONSTRUCTION LIMITS	
-EASEMENT FOR CONSTR. & MAINTENANCE OF SLOPES	
-EASEMENT FOR CONSTR. OF SLOPES	
-EASEMENT FOR CONSTR. OF DRIVES	



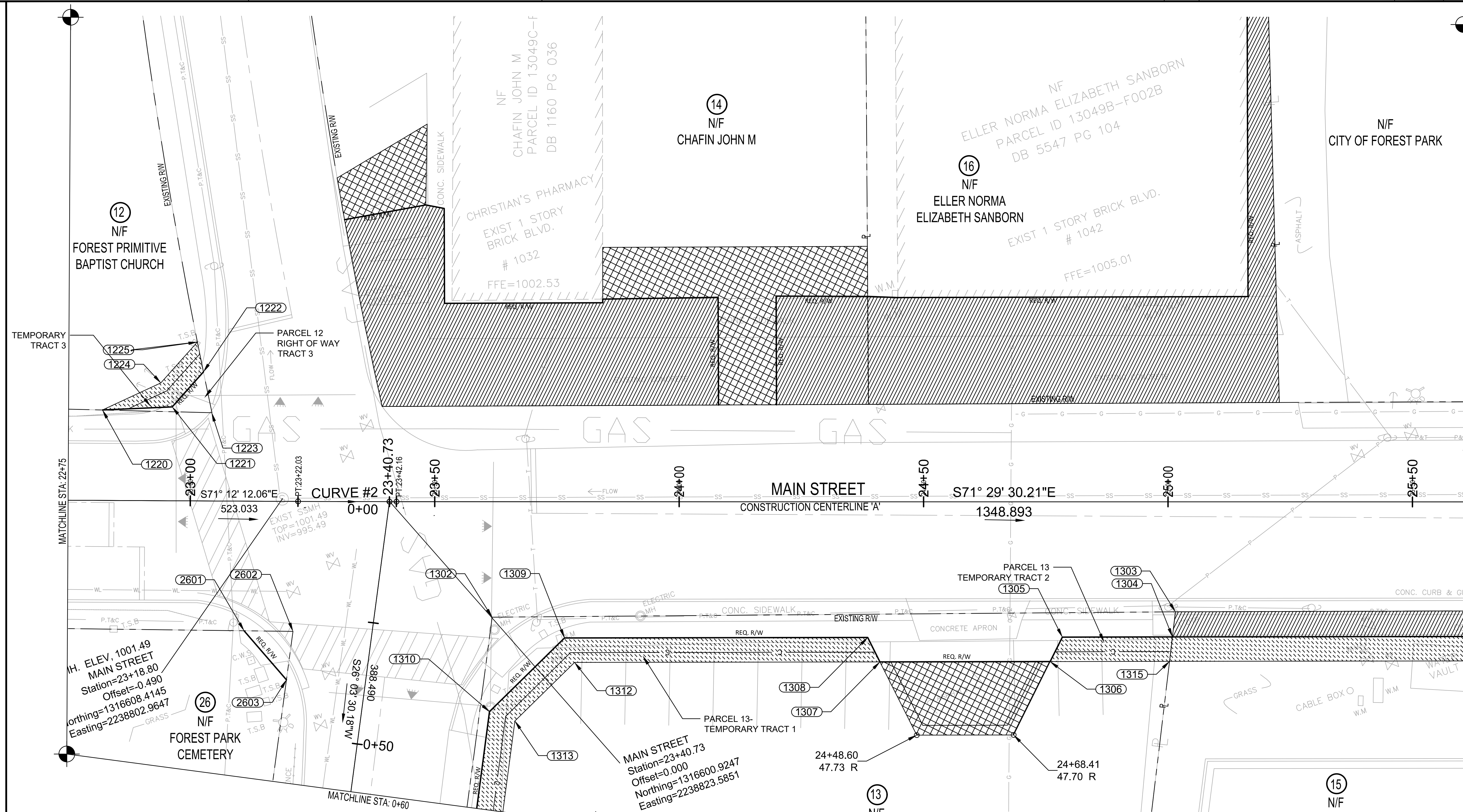
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STATE OF GEORGIA
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 RIGHT OF WAY PLANS

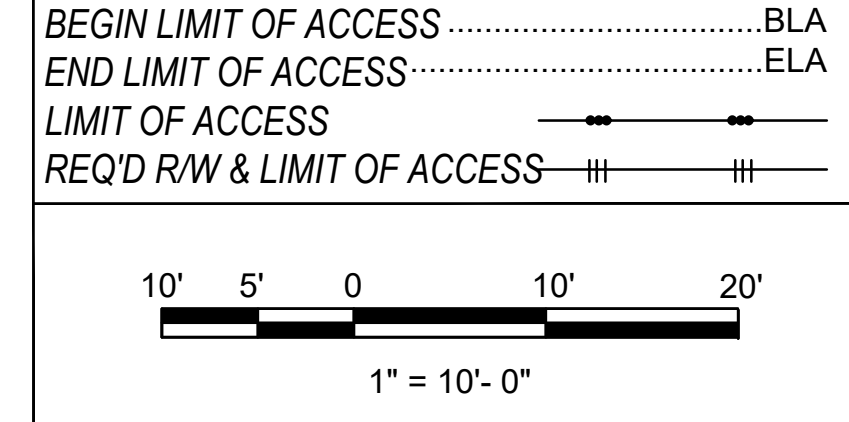
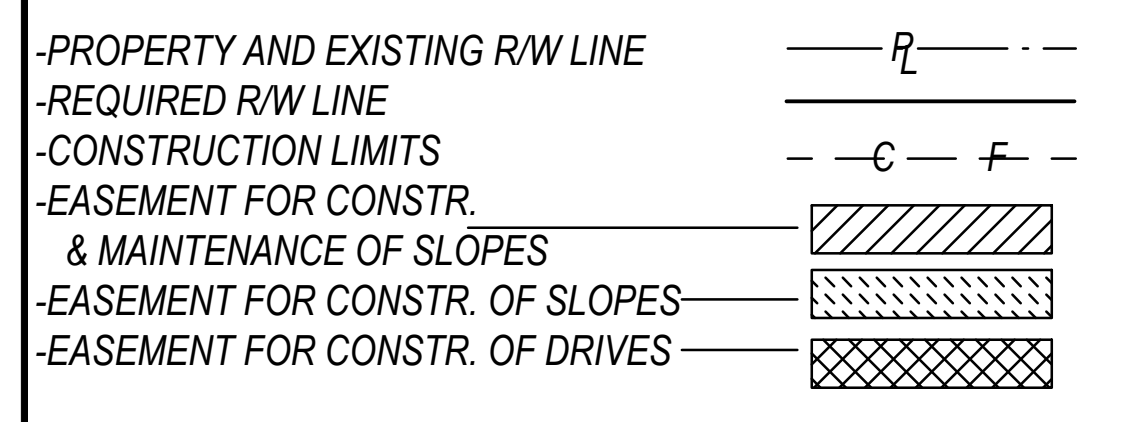
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COUNTY:	CLAYTON
LAND LOT NO:	
LAND DISTRICT:	
GMD:	N/A
DATE:	04/15/2022

RW.06
SHEET 125 OF 130





- NOTES**
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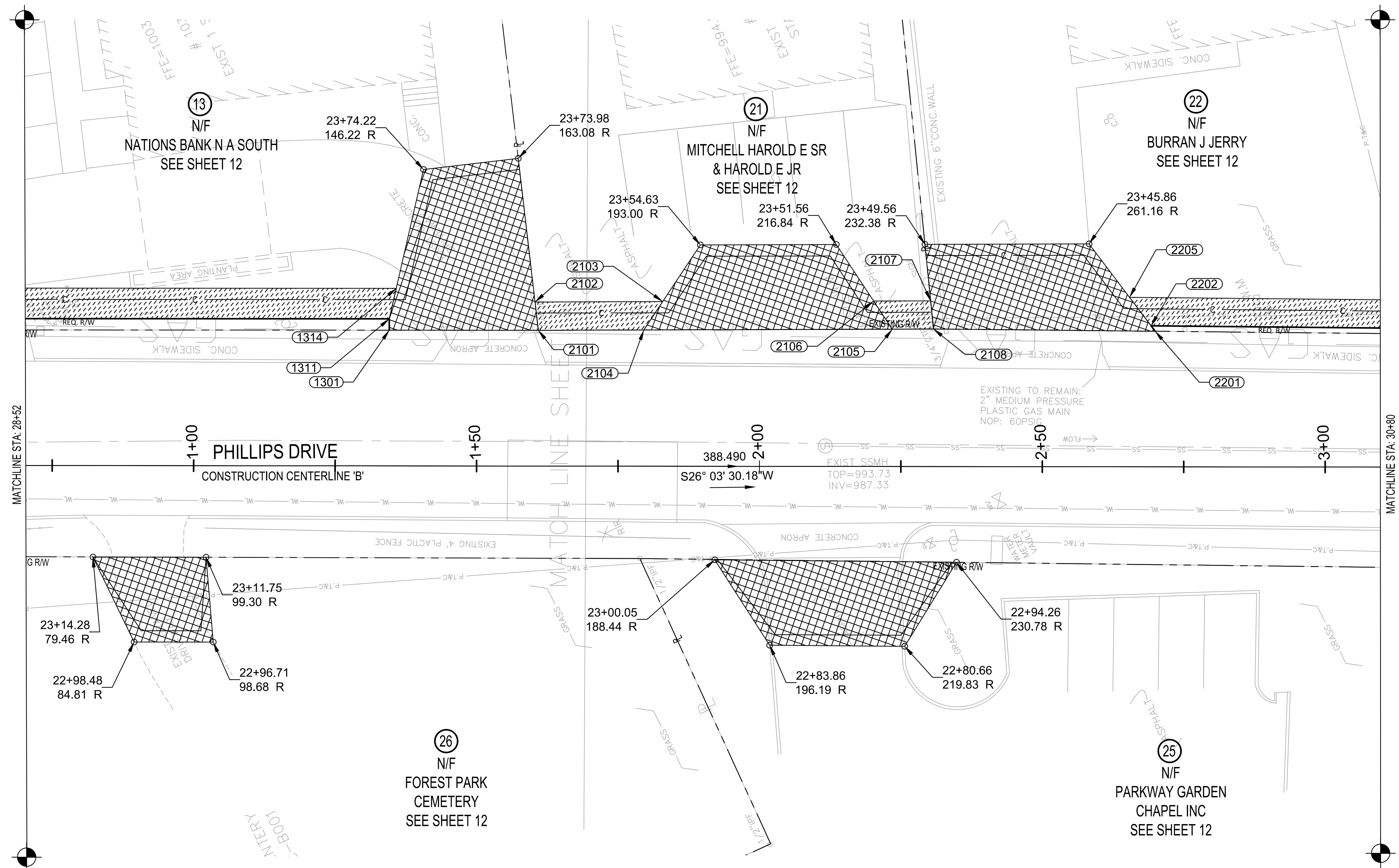
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 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 06/15/2021

14004
 CLAYTON
 N/A
 06/15/2021

RW.07

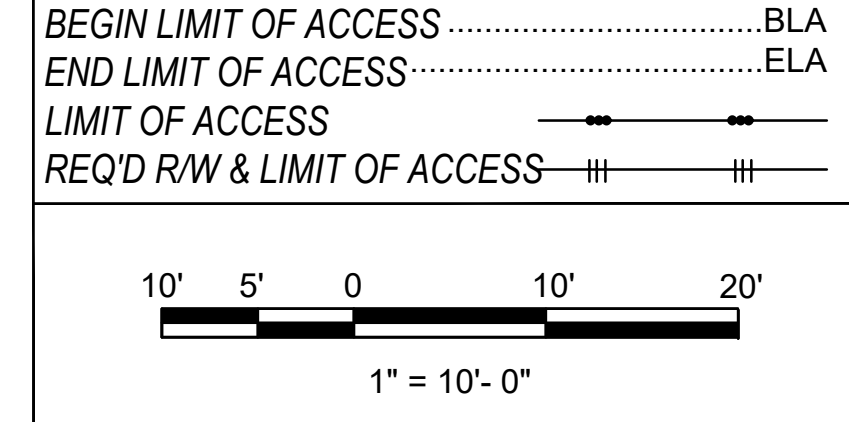
SHEET 126 OF 130





- NOTES**
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-PROPERTY AND EXISTING RW LINE	
-REQUIRED RW LINE	
-CONSTRUCTION LIMITS	
-EASEMENT FOR CONSTR. & MAINTENANCE OF SLOPES	
-EASEMENT FOR CONSTR. OF SLOPES	
-EASEMENT FOR CONSTR. OF DRIVES	



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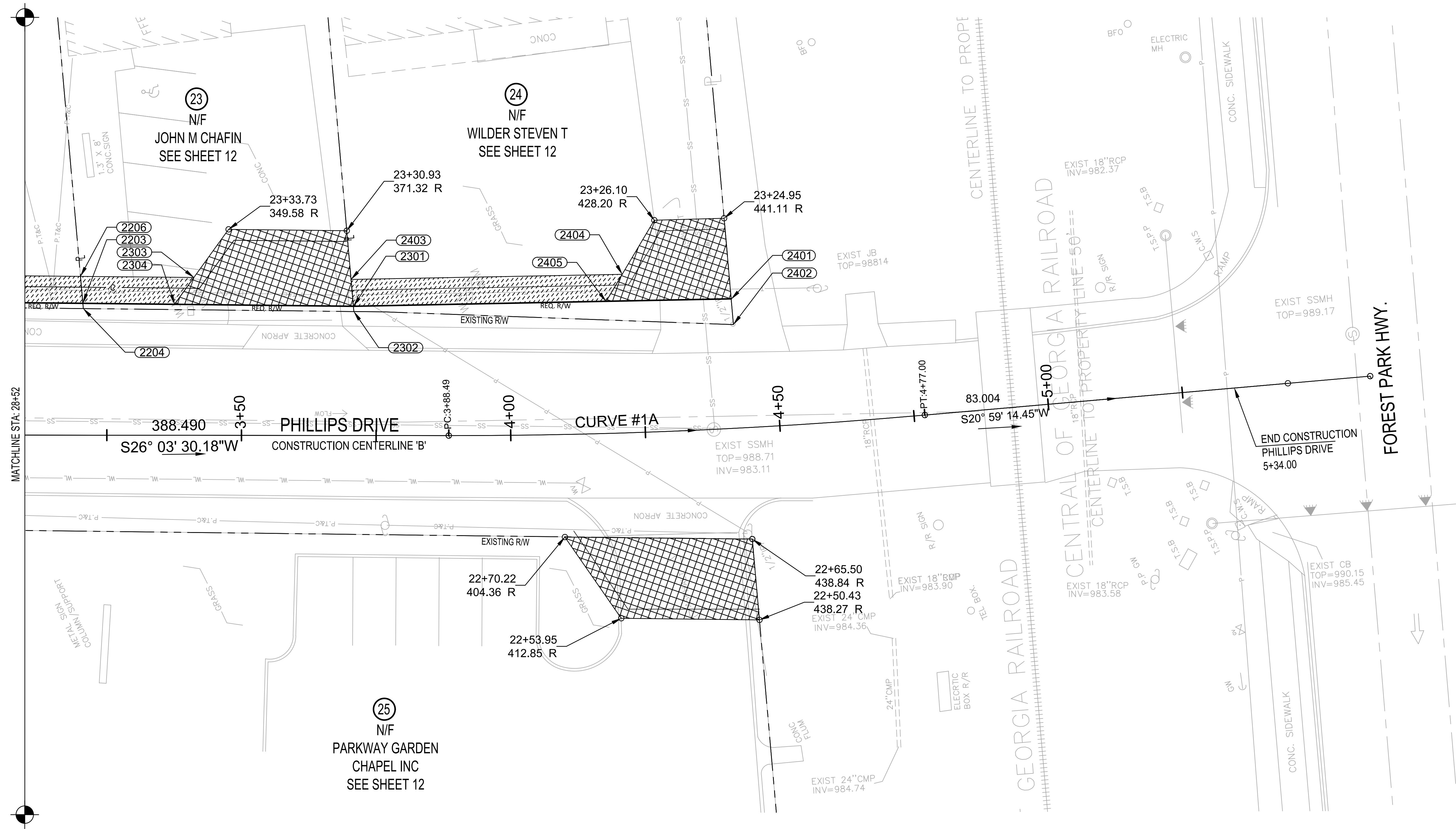
PROJECT NO: 14004
 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 06/15/2021

14004
 CLAYTON
 N/A
 06/15/2021

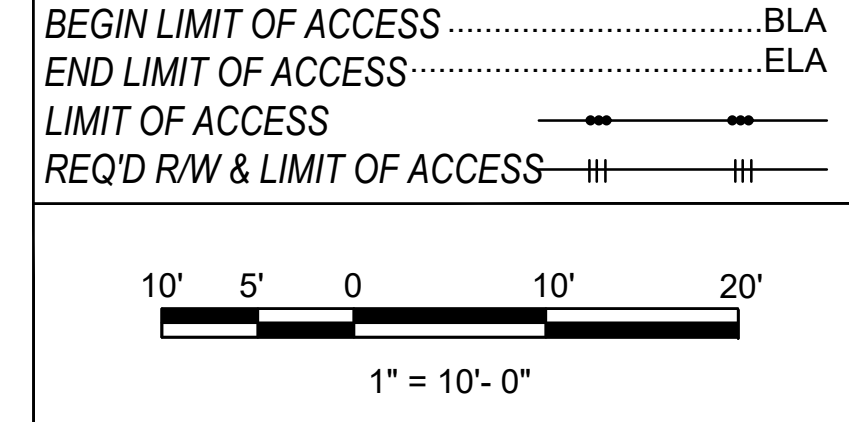
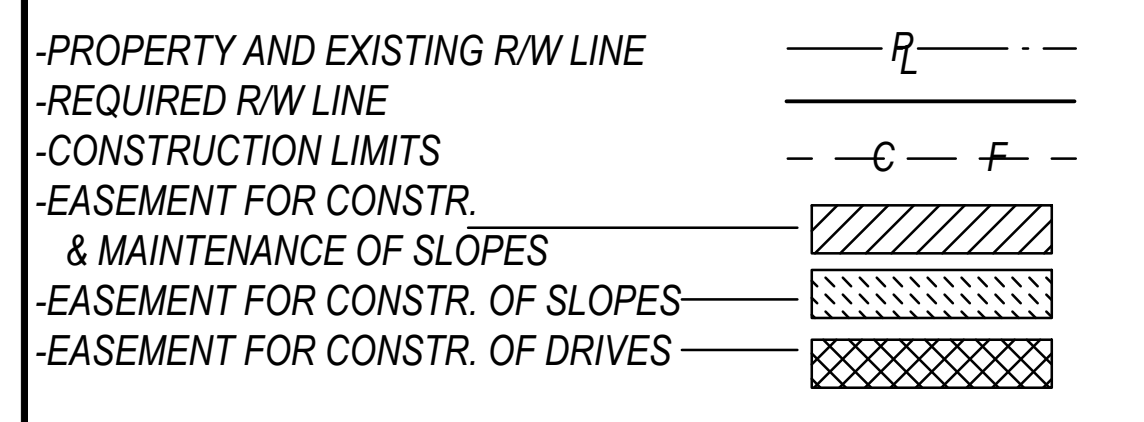
RW.08

SHEET 127 OF 130





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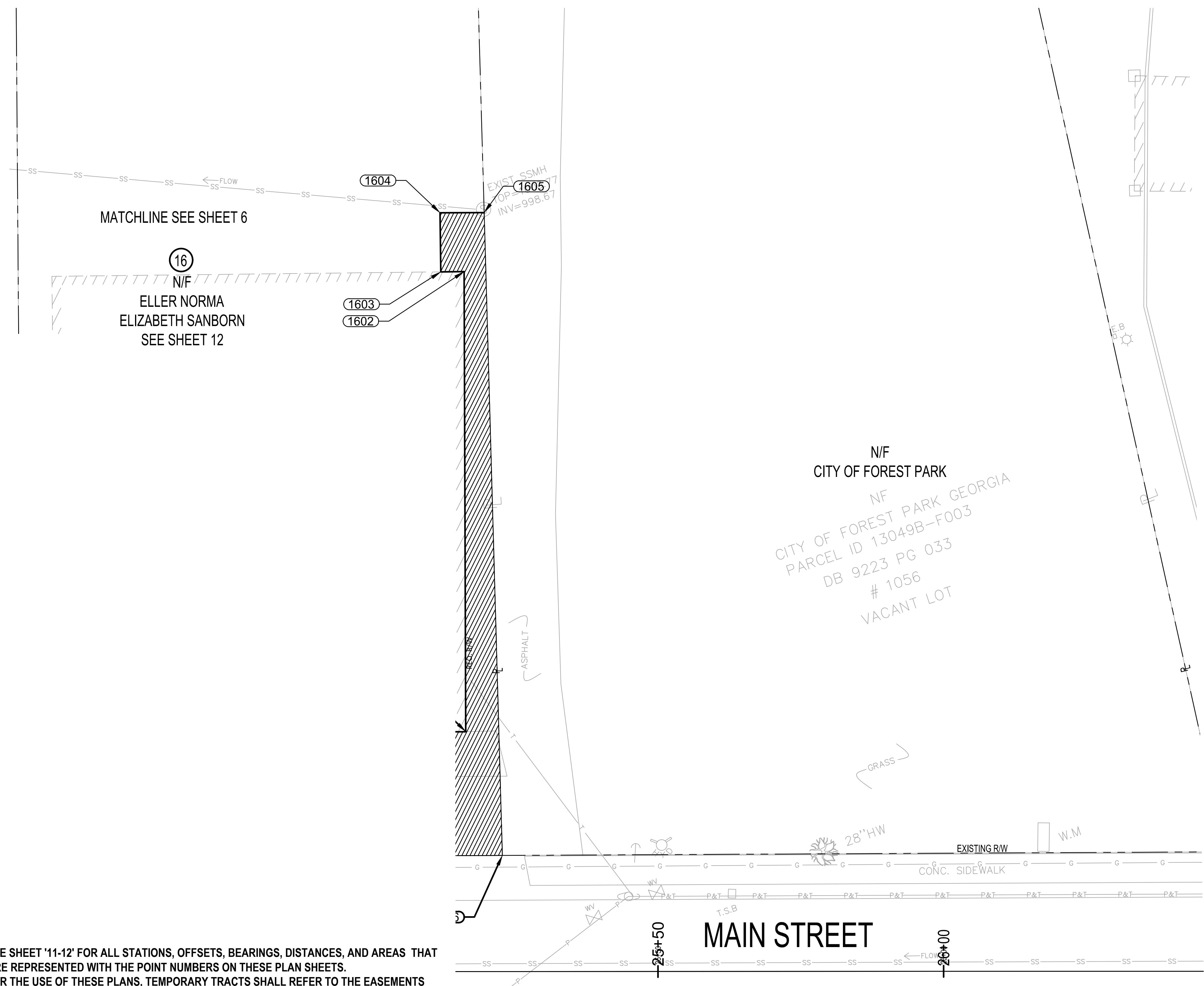
STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY PLANS

PROJECT NO: 14004
 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 06/15/2021

RW.09

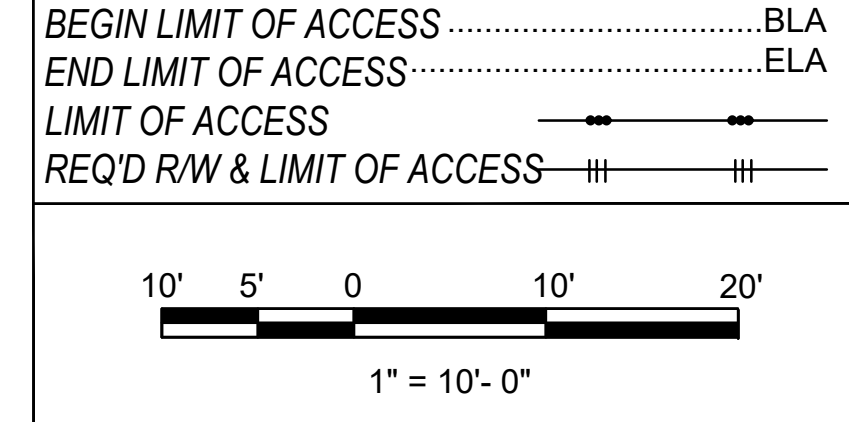
SHEET 128 OF 130





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-EASEMENT FOR CONSTR. OF SLOPES	
-EASEMENT FOR CONSTR. OF DRIVES	



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STATE OF GEORGIA
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PROJECT NO: 14004
 COUNTY: CLAYTON
 LAND LOT NO:
 LAND DISTRICT:
 GMD: N/A
 DATE: 06/15/2021

RW.10

LEVEL II CERTIFICATION PATH

SHEET 129 OF 130



POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 101	10+21.86	26.56 R	MAIN ST.	N 00° 21' 16.5" E	4.45
EST 102	10+21.82	22.10 R	MAIN ST.	S 89° 22' 03.5" E	112.00
EST 103	11+33.82	21.64 R	MAIN ST.	S 00° 21' 13.1" W	2.71
EST 104	11+33.84	24.35 R	MAIN ST.	S 89° 22' 34.9" W	89.85
EST 105	10+44.02	26.69 R	MAIN ST.	N 88° 46' 20.5" W	22.16
EST 101	10+21.86	26.56 R	MAIN ST.		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 434 SF
TOTAL LOT SIZE = +/- 0.38 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 106	10+58.33	31.14 R	MAIN ST.	N 01° 55' 45.4" E	4.82
EST 107	10+58.42	26.32 R	MAIN ST.	N 89° 22' 34.9" E	75.45
EST 103	11+33.82	21.64 R	MAIN ST.	S 00° 21' 13.1" W	4.66
EST 108	11+33.89	29.01 R	MAIN ST.	S 89° 15' 11.1" W	75.59
EST 106	10+58.33	31.14 R	MAIN ST.		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 358 SF
TOTAL LOT SIZE = +/- 0.38 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 104	11+33.84	R	MAIN ST.	N 00° 21' 13.1" E	113.41
EST 103	11+33.82	R	MAIN ST.	S 89° 09' 50.1" E	2.71
EST 201	12+47.32	21.58 R	MAIN ST.	S 02° 21' 49.9" W	113.50
EST 202	12+47.26	24.00 R	MAIN ST.	N 89° 18' 35.8" W	2.42
EST 104	11+33.84	R	MAIN ST.		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 292 SF
TOTAL LOT SIZE = +/- 0.82 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 203	11+77.00	29.22 R	MAIN ST.	N 00° 48' 46.9" E	5.00
EST 204	11+76.99	24.22 R	MAIN ST.	S 89° 18' 35.8" E	70.26
EST 202	12+47.26	24.00 R	MAIN ST.	S 02° 21' 50.1" W	17.03
EST 205	12+46.81	41.03 R	MAIN ST.	N 89° 11' 42.0" W	20.00
EST 206	12+26.81	41.06 R	MAIN ST.	N 00° 48' 36.3" E	11.99
EST 207	12+26.79	29.06 R	MAIN ST.	N 89° 18' 35.8" W	49.79
EST 203	11+77.00	29.22 R	MAIN ST.		

REQUIRED EASEMENT AREA = 594 SF
TOTAL LOT SIZE = +/- 0.82 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 202	12+47.26	24.00 R	Main St.	N 02° 21' 49.9" E	2.42
EST 201	12+47.32	21.58 R	Main St.	S 88° 43' 49.7" E	212.94
EST 301	14+60.68	22.87 R	Main St.	S 02° 44' 10.5" W	1.13
EST 302	14+60.67	24.00 R	Main St.	N 89° 03' 40.6" W	161.60
EST 306	12+98.62	24.00 R	Main St.	N 89° 07' 52.0" W	51.36
EST 202	12+47.26	24.00 R	Main St.		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 374 SF
TOTAL LOT SIZE = +/- 1.5 ACRES

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 305	12+98.59	28.89 R	MAIN ST.	N 01° 19' 11.3" E	4.88
EST 306	12+98.62	24.00 R	MAIN ST.	S 89° 03' 40.6" E	110.75
EST 307	14+09.37	24.14 R	MAIN ST.	S 00° 50' 41.2" W	4.69
EST 308	14+09.38	28.83 R	MAIN ST.	N 89° 09' 37.5" W	110.79
EST 305	12+98.59	28.89 R	MAIN ST.		

REQUIRED EASEMENT AREA = 531 SF
TOTAL LOT SIZE = +/- 1.5 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 401	14+46.01	22.14 L	MAIN ST	N 01° 55' 23.0" E	2.52
EST 402	14+46.04	24.67 L	MAIN ST	S 87° 38' 19.2" E	69.14
EST 403	15+13.72	25.32 L	MAIN ST	S 01° 55' 23.0" W	3.53
EST 404	15+13.88	21.78 L	MAIN ST	CHORD BEARING: N 86° 48' 04.9" W	69.15
EST 401	14+46.01	22.14 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 187 SF
TOTAL LOT SIZE = +/- 0.21 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 402	14+46.04	24.67 L	MAIN ST	N 01° 55' 23.0" E	4.66
EST 405	14+46.09	29.33 L	MAIN ST	S 87° 06' 06.5" E	15.28
EST 406	14+60.99	28.98 L	MAIN ST	S 02° 21' 45.1" W	4.51
EST 407	14+60.96	24.46 L	MAIN ST	N 87° 38' 19.2" W	15.24
EST 402	14+46.04	24.67 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 127 SF
TOTAL LOT SIZE = +/- 0.21 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 302	14+60.67	24.00 R	MAIN ST.	N 02° 43' 54.0" E	1.12
EST 301	14+60.68	22.87 R	MAIN ST.	CHORD BEARING: S 86° 34' 06.7" E	33.5
EST 501	14+94.87	23.25 R	MAIN ST.	S 02° 43' 54.0" W	0.75
EST 502	14+94.88	24.00 R	MAIN ST.	N 87° 12' 26.1" W	33.50
EST 302	14+60.67	24.00 R	MAIN ST.		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 35 SF
TOTAL LOT SIZE = +/- 0.56 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 602	15+48.30	21.66 L	MAIN ST	N 01° 55' 23.0" E	3.00
EST 601	15+48.08	24.66 L	MAIN ST	S 82° 16' 44.6" E	56.28
EST 801	16+03.19	24.61 L	MAIN ST	S 01° 55' 23.0" W	3.08
EST 802	16+03.56	21.55 L	MAIN ST	CHORD BEARING: N 82° 12' 12.1" W	56.30
EST 602	15+48.30	21.66 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 0 SF
TOTAL LOT SIZE = +/- 0.56 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 403	15+13.72	25.32 L	MAIN ST	N 01° 55' 23.0" E	3.54
EST 410	15+13.53	29.33 L	MAIN ST	CHORD BEARING: N 84° 21' 04.2" W	35.07
EST 603	15+47.75	29.10 L	MAIN ST	S 83° 28' 55.6" E	35.11
EST 601	15+48.08	24.66 L	MAIN ST	S 01° 55' 23.0" W	3.00
EST 403	15+13.72	25.32 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 150 SF
TOTAL LOT SIZE = +/- 0.15 ACRES

DRIVEWAY EASEMENTS = 0

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 502	14+94.88	24.00 R	MAIN ST	N 02° 43' 54.0" E	0.74
EST 501	14+94.87	R	MAIN ST	CHORD BEARING: S 84° 58' 33.6" E	56.05
EST 701	15+52.09	23.21 R	MAIN ST	S 03° 19' 50.6" W	0.79
EST 702	15+52.13	24.00 R	MAIN ST	N 84° 55' 43.7" W	56.04
EST 502	14+94.88	24.00 R	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 61 SF
TOTAL LOT SIZE = +/- 0.27 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 703	15+16.29	29.48 R	MAIN ST	N 03° 13' 49.4" E	5.15
EST 704	15+16.16	24.33 R	MAIN ST	S 84° 55' 43.7" E	35.21
EST 702	15+52.13	24.00 R	MAIN ST	S 03° 19' 50.6" W	5.02
EST 705	15+52.42	29.01 R	MAIN ST	N 85° 08' 48.3" W	35.20
EST 703	15+16.29	29.48 R	MAIN ST		

REQUIRED EASEMENT AREA = 180 SF
TOTAL LOT SIZE = +/- 0.27 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1004	16+58.71	24.22 L	MAIN ST	N 11° 43' 18.9" E	3.81
EST 1005	16+58.71	28.03 L	MAIN ST	S 77° 46' 26.8" E	58.87
EST 1006	17+16.07	29.07 L	MAIN ST	S 17° 42' 37.6" W	4.77
EST 1002	17+15.82	24.30 L	MAIN ST	N 76° 18' 25.4" W	47.55
EST 1001	16+58.71	24.22 L	MAIN ST	N 79° 11' 44.7" W	10.76
EST 1004	16+58.71	24.22 L	MAIN ST		

REQUIRED EASEMENT AREA = 238 SF
TOTAL LOT SIZE = +/- 1.9 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 803	15+85.62	24.33 L	MAIN ST	N 08° 20' 46.4" E	4.00
EST 804	15+85.63	28.34 L	MAIN ST	S 81° 39' 13.6" E	17.51
EST 805	16+02.73	28.41 L	MAIN ST	S 01° 55' 23.0" W	3.83
EST 801	16+03.19	24.61 L	MAIN ST	N 82° 16' 44.6" W	17.95
EST 803	15+85.62	24.33 L	MAIN ST		

REQUIRED EASEMENT AREA = 70 SF
TOTAL LOT SIZE = +/- 0.34 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 702	15+52.13	24.00 R	MAIN ST	N 03° 19' 50.6" E	0.80
EST 701	15+52.09	23.21 R	MAIN ST	CHORD BEARING: S 81° 13' 41.3" E	52.36
EST 901	16+05.55	24.07 R	MAIN ST	S 10° 27' 51.8" W	0.62
EST 902	16+05.53	24.70 R	MAIN ST	N 81° 24' 19.1" W	52.27
EST 702	15+52.13	24.00 R	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 52 SF
TOTAL LOT SIZE = +/- 0.91 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 802	16+03.56	21.55 L	MAIN ST	N 01° 55' 23.0" E	3.08
EST 801	16+03.19	24.61 L	MAIN ST	S 79° 11' 44.7" E	67.45
EST 1001	16+58.71	24.22 L	MAIN ST	S 76° 18' 25.4" E	47.55
EST 1002	17+15.82	24.30 L	MAIN ST	S 17° 42' 37.6" W	3.45
EST 1003	17+15.64	20.85 L	MAIN ST	CHORD BEARING: N 77° 47' 50.8" W	114.09
EST 802	16+03.56	21.55 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 380 SF
TOTAL LOT SIZE = +/- 1.9 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1004	16+58.71	24.22 L	MAIN ST	N 11° 43' 18.9" E	3.81
EST 1005	16+58.71	28.03 L	MAIN ST	S 77° 46' 26.8" E	58.87
EST 1006	17+16.07	29.07 L	MAIN ST	S 17° 42' 37.6" W	4.77
EST 1002	17+15.82	24.30 L	MAIN ST	N 76° 18' 25.4" W	47.55
EST 1001	16+58.71	24.22 L	MAIN ST	N 79° 11' 44.7" W	10.76
EST 1004	16+58.71	24.22 L	MAIN ST		

REQUIRED EASEMENT AREA = 238 SF
TOTAL LOT SIZE = +/- 1.9 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1003	17+15.64	20.85 L	MAIN ST	N 17° 42' 37.6" E	3.45
EST 1002	17+15.82	24.30 L	MAIN ST	CHORD BEARING: S 72° 33' 28.9" E	117.16
EST 1201	18+31.27	24.00 L	MAIN ST	S 71° 12' 12.1" E	178.61
EST 1202	20+09.88	24.00 L	MAIN ST	S 10° 37' 07.8" W	3.41
EST 1203	20+10.37	20.62 L	MAIN ST	N 71° 06' 28.6" W	179.02
EST 1204	18+31.28	20.92 L	MAIN ST	CHORD BEARING: N 72° 44' 28.6" W	117.11
EST 1003	17+15.64	20.85 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 980 SF
TOTAL LOT SIZE = +/- 1.2 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1220	17+15.64	20.85 L	MAIN ST	S 74° 06' 27.0" E	14.28
EST 1221	17+15.64	20.85 L	MAIN ST	N 60° 16' 31.4" E	9.57
EST 1222	17+15.64	20.85 L	MAIN ST	S 06° 41' 20.7" W	8.52
EST 1223	17+15.64	20.85 L	MAIN ST	N 70° 04' 26.1" W	22.40
EST 1220	17+15.64	20.85 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 980 SF
TOTAL LOT SIZE = +/- 1.2 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1002	17+15.82	24.30 L	MAIN ST	N 17° 42' 37.6" E	4.77
EST 1006	17+16.07	29.07 L	MAIN ST	S 73° 13' 28.3" E	85.00
EST 1212	17+98.99	29.00 L	MAIN ST	S 71° 12' 12.1" E	210.28
EST 1205	20+09.28	29.00 L	MAIN ST	S 11° 53' 22.6" E	5.03
EST 1202	20+09.88	24.00 L	MAIN ST	N 71° 12' 12.1" W	178.61
EST 1201	18+31.27	24.00 L	MAIN ST	CHORD BEARING: N 72° 33' 28.9" W	117.16
EST 1002	17+15.82	24.30 L	MAIN ST		

REQUIRED R/W = 0 SF
REQUIRED EASEMENT AREA = 380 SF
TOTAL LOT SIZE = +/- 1.9 ACRES

DRIVEWAY EASEMENTS = 1

POINT	STATION	OFFSET	STREET	BEARING	DISTANCE (FT)
EST 1213	20+41.13	20.51 L	MAIN ST	N 10° 37' 07.8" E	3.03
EST 1214	20+40.71				