

CITY OF TUCKER

ACKNOWLEDGE RECEIPT OF ADDENDUM #2 FORM

ITB 2024-012

HUGH HOWELL TRAIL PHASE II CONSTRUCTION

Upon receipt, please print and add to your proposal.

I hereby acknowledge receipt of the supplement pertaining to the above referenced bid.

COMPANY NAME: _____

CONTACT PERSON: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ FAX: _____

EMAIL ADDRESS: _____

SIGNATURE DATE

ITB 2024-012
ADDENDUM #2

This addendum contains the following:

- Scope Changes
 - Please see Page 03-002 on the attached revised construction plans for all revisions that have been made from the original plan set.
- Amended Exhibit B: Cost Proposal
 - This is a requirement for bid submittal and shall replace the Exhibit B Cost Proposal in the original Bid Manual.
 - The amended cost proposal includes the following changes in quantities:
 1. Item # 310-1101 has increased from 510 to 550.
 2. Item # 318-3000 has increased from 160 to 180.
 3. Item # 402-3103 has decreased from 24 to 23.
 4. Item # 402-3190 has increased from 4 to 12.
 5. Item # 413-0750 has increased from 15 to 25.
 6. Item # 441-0016 has decreased from 320 to 240.
 7. Item # 441-0018 has decreased from 210 to 170.
 8. Item # 500-3201 has decreased from 215 to 210.
 9. Item # 515-2020 has increased from 330 to 340.
 10. Item # 610-9001 has been deleted.
 11. Item # 611-5360 has been deleted.
 12. Item # 636-1033 has increased from 4 to 12.
 13. Item # 656-0050 has been added.
 14. Item # 656-0080 has been added.
 15. Item # 656-1050 has been added.
 16. Item # 657-1110 has been added.
 17. Item # 657-1084 has been deleted.
 18. Item # 700-9300 has decreased from 1600 to 1285.
- **ADDED** Special Condition #11:
 - All Class B Concrete, Retaining Wall, materials must be tested according to the GDOT Sampling, Testing, and Inspection Manual by an approved consultant/lab hired by the Contractor. Test results must pass all required GDOT minimums and results must be submitted to the City Superintendent before use.

City of Tucker Invitation to Bid

ITB #2024-012

HUGH HOWELL ROAD MULTI-USE TRAIL PROJECT PHASE II CONSTRUCTION

Exhibit B: Cost Proposal Amended 05.23.24

ROADWAY ITEMS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
150-1000	TRAFFIC CONTROL, PROJECT # 30603.0000	LS	LS		
210-0100	GRADING COMPLETE	LS	LS		
310-1101	GR AGGR BASE CRS, INCL MATL	TN	550		
318-3000	AGGR SURF CRS	TN	180		
402-3103	RECY ASPH CONC 9.5 MM SUPERPAVE, TYPE II, GP 2, INCL BITUM & H LIME	TN	23		
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	TN	12		
413-0750	BITUM TACK COAT	GL	25		
432-0206	MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	SY	190		
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	240		
441-0018	DRIVEWAY CONCRETE, 8 IN TK	SY	170		
441-0104	CONC SIDEWALK, 4 IN	SY	2650		
441-4020	CONC VALLEY GUTTER, 6 IN	SY	390		
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	2730		
444-1000	SAWED JOINTS IN EXISTING PAVEMENTS - PCC	LF	75		
500-3201	CLASS B CONCRETE, RETAINING WALL	CY	210		
515-2020	GALV STEEL PIPE, HANDRAIL, 2 IN, ROUND	LF	340		
				Section Sub Total:	
DRAINAGE ITEMS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	785		
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	32		
550-3618	SAFETY END SECTION, SIDE DRAIN, 6:1 SLOPE	EA	4		
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	LF	200		
611-8000	ADJUST CATCH BASIN TO GRADE	EA	4		
668-1100	CATCH BASIN, GP 1	EA	7		
668-1105	CATCH BASIN, GP 1, SPECIAL DESIGN	EA	2		
611-1110	CATH BASIN, GP 1, ADDL DEPTH	LF	6		
668-2100	DROP INLET, GP 1	EA	6		
668-2105	DROP INLET, GP 1, SPCL DESIGN	EA	1		
				Section Sub Total:	

City of Tucker Invitation to Bid

ITB #2024-012

HUGH HOWELL ROAD MULTI-USE TRAIL PROJECT PHASE II CONSTRUCTION

SIGNING AND MARKING ITEMS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 9	SF	12		
636-2070	GALV STEEL POSTS, TP 7	LF	28		
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	2700		
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	35		
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN. WHITE	LF	300		
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN. WHITE	GLF	50		
654-1003	RAISED PVMT MARKERS, TP3	EA	5		
656-0050	REMOVE EXIST SOLID TRAF STRIPE, 5 IN, THERMOPLASTIC	LF	2300		
656-0080	REMOVE EXIST SOLID TRAF STRIPE, 8 IN, THERMOPLASTIC	LF	80		
656-1050	REMOVE EXIST SKIP TRAF STRIPE, 5 IN, THERMOPLASTIC	GLF	50		
657-1110	PREFORMED PLASTIC SOLID PVMT MKG, 11 IN, CONTRAST (BLACK-WHITE), TP PB	LF	150		
				Section Sub Total:	
EROSION CONTROL ITEMS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
163-0232	TEMPORARY GRASSING	AC	2		
163-0240	MULCH	TN	20		
163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	EA	2		
163-0527	CONSTRUCT AND REMOVE RIP RAP CHECK DAMS, STONE PLAIN RIP RAP/SAND BAGS	EA	2		
163-0529	CONSTRUCT AND REMOVE TEMPORARY SEDIMENT BARRIER OR BALED STRAW CHECK DAM	LF	350		
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	20		
165-0010	MAINT OF TEMP SILT FENCE, TP A	LF	1750		
165-0030	MAINT OF TEMP SILT FENCE, TP C	LF	200		
165-0041	MAINT OF CHECK DAMS - ALL TYPES	LF	250		
165-0101	MAINT OF CONSTRUCTION EXIT	EA	2		
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	20		
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	5		
167-1500	WATER QUALITY INSPECTIONS	MO	12		
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	3500		
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	400		
643-8200	BARRIER FENCE (ORANGE), 4FT	LF	300		
700-6910	PERMANENT GRASSING	AC	1		

City of Tucker Invitation to Bid

ITB #2024-012

HUGH HOWELL ROAD MULTI-USE TRAIL PROJECT PHASE II CONSTRUCTION

700-7000	AGRICULTURAL LIME	TN	2		
700-8000	FERTILIZER MIXED GRADE	TN	1		
700-8100	FERTILIZER NITROGEN CONTENT	LB	50		
700-9300	SOD	SY	1285		
				Section Sub Total:	
LANDSCAPING ITEMS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
999-2015	CONSTRUCTION COMPLETE - LANDSCAPING	LS	1		
				Section Sub Total:	
ABOVE GROUND UTILITY ADJUSTMENTS					
Item Number	Item Description	Units	Quantity	Unit Price	Cost
611-8010	ADJUST HYDRANT TO GRADE	EA	1		
611-8120	ADJUST TO GRADE WATER METER	EA	8		
611-8140	ADJUST TO GRADE WATER VALVE	EA	3		
670-2002	VALVE MARKER	EA	4		
670-9710	FIRE HYDRANT RELOCATION	EA	1		
670-9730	WATER METER RELOCATION	EA	2		
611-8055	ADJUST MINOR STRUCTURE TO GRADE	EA	1		
				Section Sub Total:	
				TOTAL ROADWAY CONSTRUCTION COSTS:	

Company Name: _____

Address: _____

Contact Person: _____

Phone Number: _____

Email Address: _____

Signature: _____

*In case of discrepancy between the unit price and the total price on the completed Bid Schedule, the unit price will prevail, and the total price will be corrected.

Z:\30603.0000\CONSTRUCTION\PLANS\30603.0000-05.DWG - May 20, 2024 - 4:22 PM



CONSTRUCTION PLANS

FOR

HUGH HOWELL ROAD TRAIL

PHASE 2

CITY OF TUCKER

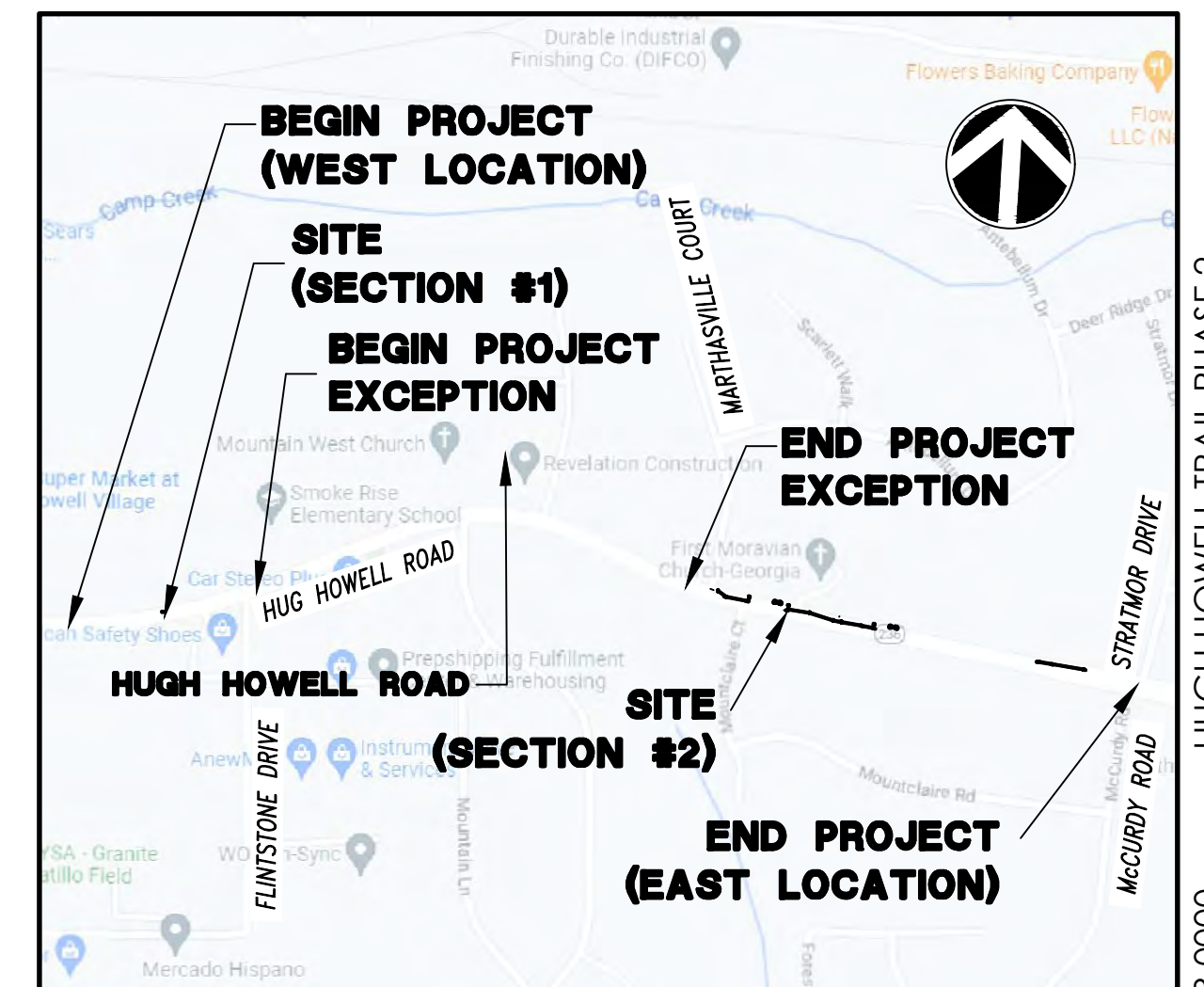
PREPARED FOR:
CITY OF TUCKER
 1975 LAKESIDE PARKWAY
 SUITE 350A
 TUCKER, GA 30084

J-30603.0000

PREPARED BY:



CITY OF TUCKER
 ENGINEERING CONTACT:
 Mr. KEN HILDEBRANDT, PE, PTOE
 CITY ENGINEER
 4228 FIRST AVENUE
 TUCKER, GA 30084
 (770) 865-5645
 KHILDEBRANDT@TUCKERGA.GOV



VICINITY MAP
SCALE: N.T.S.

J-30603.0000
03/07/2023
PHASE 2

LENGTH OF PROJECT SECTION #1	HUGH HOWELL ROAD
	MILES
NET LENGTH OF ROADWAY	0.161
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.161
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.161

LENGTH OF PROJECT SECTION #2	HUGH HOWELL ROAD
	MILES
NET LENGTH OF ROADWAY	0.388
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.388
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.388

THE SOURCE OF TOPOGRAPHY IS FIELD RUN TOPOGRAPHIC SURVEY AND THE REFERENCE HORIZONTAL DATUM IS NAD83 GEORGIA STATE PLANES WEST ZONE. THE REFERENCE VERTICAL DATUM IS NAVD88.

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REVISION DATES			
REV. NO.	REVISION	BY	DATE
1	REVISION #01: REVISED SHEETS #01-001,03-002,04-001,05-001,13-001,13-003,13-004,13-005,17-001,17-002,21-001,22-001, 22-002, & 24-003.	L.H.	05/20/2024



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UTILITY LEGEND

	EXISTING WATER LINE
	EXISTING WATER LINE TO BE REMOVED
	PROPOSED WATER LINE
	TEMPORARY WATER LINE
	EXISTING WATER METER
	PROPOSED WATER METER
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING WATER LINE CASING
	PROPOSED WATER LINE CASING
	EXISTING GAS LINE
	EXISTING GAS LINE TO BE REMOVED
	PROPOSED GAS LINE
	TEMPORARY GAS LINE
	EXISTING GAS METER
	PROPOSED GAS METER
	EXISTING GAS VALVE
	PROPOSED GAS VALVE
	EXISTING GAS LINE CASING
	PROPOSED GAS LINE CASING
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER TO BE REMOVED
	PROPOSED SANITARY SEWER
	TEMPORARY SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	PROPOSED SANITARY SEWER MANHOLE

UTILITY LEGEND (CONT.)

	EXISTING ELECTRIC POWER OVERHEAD
	EXISTING ELECTRIC POWER OVERHEAD TO BE REMOVED
	PROPOSED ELECTRIC POWER OVERHEAD
	TEMPORARY ELECTRIC POWER OVERHEAD
	EXISTING ELECTRIC POWER UNDERGROUND
	EXISTING ELECTRIC POWER UNDERGROUND TO BE REMOVED
	PROPOSED ELECTRIC POWER UNDERGROUND
	EXISTING ELECTRIC POWER POLE
	PROPOSED ELECTRIC POWER POLE
	TEMPORARY ELECTRIC POWER POLE
	EXISTING GUY ANCHOR
	PROPOSED GUY ANCHOR
	TEMPORARY GUY ANCHOR
	EXISTING TELEPHONE OVERHEAD
	EXISTING TELEPHONE OVERHEAD TO BE REMOVED
	PROPOSED TELEPHONE OVERHEAD
	TEMPORARY TELEPHONE OVERHEAD
	EXISTING TELEPHONE UNDERGROUND
	EXISTING TELEPHONE UNDERGROUND TO BE REMOVED
	PROPOSED TELEPHONE UNDERGROUND
	EXISTING TELEPHONE POLE
	PROPOSED TELEPHONE POLE
	TEMPORARY TELEPHONE POLE
	EXISTING TELEPHONE MARKER
	EXISTING TELEPHONE MANHOLE
	PROPOSED TELEPHONE MANHOLE
	EXISTING TELEVISION OVERHEAD
	EXISTING TELEVISION OVERHEAD TO BE REMOVED
	PROPOSED TELEVISION OVERHEAD
	TEMPORARY TELEVISION OVERHEAD
	EXISTING TELEVISION UNDERGROUND
	EXISTING TELEVISION UNDERGROUND TO BE REMOVED
	PROPOSED TELEVISION UNDERGROUND

ROADWAY CONSTRUCTION LEGEND

	LAND LOT LINE
	LAND LOT NUMBER
	PROPERTY LINE
	PARCEL NUMBER
	REQUIRED R/W LINE AND LIMIT OF ACCESS
	REQUIRED R/W LINE FENCED LIMIT OF ACCESS
	EXISTING R/W LINE
	R/W MARKER
	PERMANENT EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
	PERMANENT EASEMENT FOR CONSTRUCTION AND MAINTENANCE OF DRAINAGE STRUCTURES
	EASEMENT FOR CONSTRUCTION OF DRIVEWAYS
	EASEMENT FOR CONSTRUCTION OF SLOPES
	PROPOSED EDGE/PAVEMENT
	EXISTING EDGE/PAVEMENT
	EXISTING FENCE LINE
	PROPOSED FENCE LINE
	PROPOSED CHANNEL RELOCATION
	EXISTING CREEK
	TOP OF CUT SLOPE
	TOE OF FILL SLOPE
	FLOW LINE
	PROPOSED BOX CULVERT
	EXISTING BOX CULVERT
	EXISTING STORM DRAIN PIPE
	PROPOSED STORM DRAIN PIPE
	FLARED END SECTION
	HEADWALL
	RIP RAP APRON
	DRAINAGE DITCH
	EXISTING SINGLE WING CATCH BASIN
	PROPOSED SINGLE WING CATCH BASIN
	EXISTING DOUBLE WING CATCH BASIN
	PROPOSED DOUBLE WING CATCH BASIN
	OBLITERATE PAVEMENT, GRADE TO DRAIN AND GRASS
	EXISTING GEORGIA D.O.T DRAINAGE INLET
	PROPOSED GEORGIA D.O.T. DRAINAGE INLET
	EXISTING GEORGIA D.O.T. MANHOLE
	PROPOSED GEORGIA D.O.T. MANHOLE
	DRAINAGE STRUCTURE NUMBER DESIGNATION
	GUARDRAIL
	PARKING LOT
	VALLEY GUTTER
	CONTROL POINT

NO.	REVISIONS	BY	DATE

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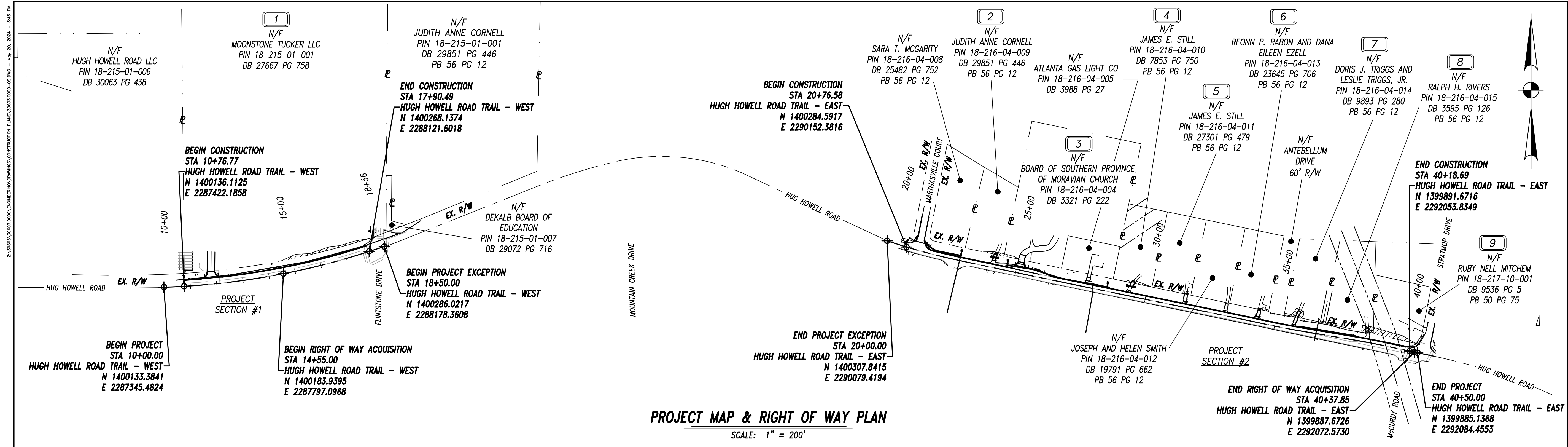
LEGEND

PHASE 2
 HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
 City of Tucker
 DeKalb County, GA

CLIENT/OWNER:
 City of Tucker
 1975 Lakeside Parkway
 Suite 350A
 Tucker, GA 30084

DATUM: HORIZ.:	VERT.:
JOB NO: 30603.0000	DATE: 08/15/23
DRAWN: L.E.H.	DESIGNED: L.E.H.
REVIEWED:	APPROVED:
SCALE:	03-001



PROJECT MAP & RIGHT OF WAY PLAN
SCALE: 1" = 200'

NO.	REVISIONS	BY	DATE
1	REVISED NOTES #6 AND #27. DELETED NOTE #16.	L.H.	05/20/24

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PROJECT MAP & GENERAL NOTES

**PHASE 2
HUGH HOWELL ROAD TRAIL**

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

200 0 100 200
GRAPHIC SCALE:
1" = 200'

DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: L.E.H.
DESIGNED: L.E.H.
REVIEWED:
APPROVED:
SCALE:

04-001

UTILITY WORK COORDINATION WILL BE REQUIRED AS PART OF THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER, 811 OR 1-800-282-7411, FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06 "COOPERATION WITH UTILITIES" OF THE STANDARD SPECIFICATIONS. THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:

UTILITY FACILITIES WITHIN THE PROJECT AREA	
UTILITY OWNER	SERVICE
DEKALB COUNTY WATER & SEWER DEP.	WATER
GEORGIA POWER COMPANY	ELECTRICITY
SOUTHERN COMPANY GAS (FORMER ATKANTA GAS LIGHT)	GAS
AT&T	COMMUNICATION
COMCAST	COMMUNICATION
ZAYO FIBER SOLUTIONS	COMMUNICATION
	TRAFFIC

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF TUCKER AND GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT) STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.
- ALL TRAILS AND TRAIL RAMPS TO BE IN ACCORDANCE WITH "ADA" STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
- ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON PLANS AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE PROJECT IN ITS ORIGINAL, RELOCATED, OR NEWLY INSTALLED POSITION. ALL UTILITY FACILITIES WHICH ARE IN CONFLICT WITH CONSTRUCTION AND ARE NOT COVERED AS SPECIFIC ITEMS IN THE DETAILED ESTIMATE ARE TO BE REMOVED OR RELOCATED TO CLEAR CONSTRUCTION IN ADVANCE OF HIS WORK.
- THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECT TO DUST FORMATION MUST BE PERIODICALLY WATERED, SUFFICIENT TO RETARD DUST. ALL COSTS FOR DUST CONTROL SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE - LUMP SUM.
- INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE STANDARD SPECIFICATIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL AT AN APPROVED WASTE SITE AT NO ADDITIONAL COST TO THE CITY OF TUCKER. COST FOR THIS WORK SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE - LUMP SUM.
- WHERE WET SUBGRADE IS ENCOUNTERED AND WHERE IDENTIFIED BY THE ENGINEER UNDERDRAIN PIPE WITH DRAINAGE AGGREGATE SHALL BE PLACED AS DIRECTED BY THE ENGINEER TO AID IN DEWATERING THE SUBGRADE. COST FOR THIS WORK SHALL BE INCLUDED IN PRICE BID FOR UNDERDRAIN PIPE INCL DRAINAGE AGGREGATE, 6 IN - LF.
- AGGREGATE SURFACE COURSE FOR TEMPORARY DRIVEWAYS, INCLUDING MATERIAL, HAUL AND PLACEMENT SHALL BE USED AT THE ENGINEER'S DIRECTION TO FACILITATE THE MOVEMENT OF LOCAL TRAFFIC THROUGH THE CONSTRUCTION AREA DURING INCLEMENT WEATHER. WHEN USED FOR THIS PURPOSE, SECTION 318 OF THE GADOT STANDARD SPECIFICATIONS IS MODIFIED TO PERMIT TRUCK DUMPING ON UNPREPARED WET, MUDDY SUBGRADE. SECTION 318 IS FURTHER MODIFIED TO PERMIT THE USE OF CRUSHED STONE AS DESCRIBED IN SECTION 318.2.

THE CONTRACTOR WILL HAVE THE USE OF THE FOLLOWING MATERIALS:
a. GRADED AGGREGATE, SECTION 815.2.01
b. COURSE AGGREGATE, SIZE 467, SECTION 800.2.01
c. STABILIZED AGGREGATE, TYPE I OR II, SECTION 803.2.01 TO 803.2.02
d. CRUSHED STONE, SECTION 806.2.01

GENERAL NOTES

- ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED, IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE AND ASPHALT FOR EARTH. THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS OR AS LOCATED IN THE PLANS. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. WHERE REQUIRED, THE DRIVES SHALL BE PAVED AS SPECIFIED ON THE TYPICAL SECTION SHEET 05-001.
- ALL DRIVES WILL BE PAVED BACK TO THE TIE-IN POINT OR REQUIRED RIGHT OF WAY WHICHEVER IS GREATER. DIRT DRIVEWAYS WILL BE PAVED WITH ASPHALT TO THE R/W LINE AND CONTINUE WITH AGGREGATE SURFACE COURSE TO THE TIE-IN POINT.
- ALL EXISTING PIPE SHALL BE RETAINED UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER. COST FOR REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE - LUMP SUM.
- AT LOCATIONS WHERE NEW PAVEMENT IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY OR WHERE CURBING IS TO BE PLACED ACROSS A PAVED AREA, A JOINT SHALL BE SAWS ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE A PAVEMENT REMOVAL TO A NEAT LINE. THE COST FOR SAWS JOINTS, WHEN REQUIRED, SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE, EXCEPT WHEN SAWING P.C.C. CONCRETE PAVEMENT.
- WHERE EXISTING PAVEMENT MARKINGS AND LINES ARE IN CONFLICT WITH THE TRAFFIC PATTERN BEING USED ON CONSTRUCTION, THE CONTRACTOR SHALL REMOVE OR OVERLAY LINES TO THE SATISFACTION OF THE ENGINEER SUCH THAT THE LINES DO NOT CONFUSE THE TRAVELING PUBLIC. ALL REMAINING LINES OR MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, OR AS DIRECTED BY THE ENGINEER. TRAFFIC SHALL NOT BE ALLOWED ON ANY PAVEMENT NOT PROPERLY STRIPED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLES 104.05 AND 107.07 OF THE GDOT STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS IN REGARDS TO MAINTENANCE OF TRAFFIC DURING CONSTRUCTION.
- 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 MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION AND/OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DETOUR SIGNAGE MAY BE REQUIRED IN ORDER TO CONFORM TO THE MUTCD. NO SEPARATE PAYMENT WILL BE MADE FOR THE ADDITIONAL DETOUR SIGNAGE NOT ILLUSTRATED ON THE DETOUR PLAN.
- THE PROJECT AREA IS 3.38± ACRES AND THE DISTURBED AREA IS 2.09± ACRES. A NOTICE OF INTENT (N.O.I.) IS REQUIRED FOR THIS PROJECT.
- ALL CUT AND FILL SLOPES SHALL BE GRASSED AS DIRECTED BY THE ENGINEER IMMEDIATELY AFTER THE SLOPES ARE ESTABLISHED IN ORDER TO REDUCE EROSION. IF THE SEASON DOES NOT PERMIT GRASSING, TEMPORARY MULCH SHALL BE USED AS DIRECTED BY THE ENGINEER. REFER TO SECTION 161 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING BEEN SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. IF A ROOF DRAIN IS ENCOUNTERED USE GDOT STANDARD 9031R, REVISION 10/1988. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- TEMPORARY EROSION CONTROL QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
- ALL SILT FENCES MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT FENCE INSTALLATION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SILT FENCES AND TO REPAIR OR REPLACE ANY SILT FENCE THAT IS NOT SATISFACTORY. ALL EROSION CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER. SEE THE GADOT STANDARD SPECIFICATIONS REGARDING EROSION CONTROL AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL BY G.S.W.C.C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING WETLAND AREAS FREE FROM SILTATION. THE CONTRACTOR SHALL OBTAIN AND ABIDE BY ALL CORPS OF ENGINEERS RULES AND REGULATIONS CONCERNING CONSTRUCTION ADJACENT TO WATERWAYS AND MAINTAIN WATER QUALITY.
- TYPE OF GRASS OR SOD USED ON THIS PROJECT WILL BE REQUIRED TO MATCH ANY TYPE OF GRASS OR SOD WHICH MAY BE PLANTED AND GROWING ON THE ADJACENT LAWN. I.E.: BERMUDA SOD FOR BERMUDA SOD, ZOYSIA FOR ZOYSIA, ETC. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- 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 ENGINEERING FILL.; SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO 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 NOT ADDITIONAL COST TO THE CITY OF TUCKER.
- NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.
- THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENTS, STAGING, CONSTRUCTION, VEHICULAR USE, BORROW OF WASTE ACTIVITIES, SEDIMENT BASINS, TRAILER PLACEMENT, ETC.) OCCUR UNDER THE DRIP LINE OF THE OF THE 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.
- ALL COST RELATED WITH CLEARING AND GRUBBING (INCLUDING BUT NOT LIMITED TO) THE REMOVAL OF EXISTING SHOULDERS AND EXISTING PAVEMENT AREAS TO BE REMOVED SHALL BE INCLUDED IN GRADING COMPLETE.

TYPE OF INSTALLATION	PIPE CULVERT MATERIAL ALTERNATES									
	CONCRETE	STEEL	ALUMINUM	OTHER	OTHER	OTHER	OTHER	OTHER	OTHER	OTHER
PRECAST CONCRETE	X									
CAST-IN-PLACE CONCRETE	X									
STEEL		X								
ALUMINUM			X							
OTHER				X						
OTHER					X					
OTHER						X				
OTHER							X			
OTHER								X		
OTHER									X	
OTHER										X

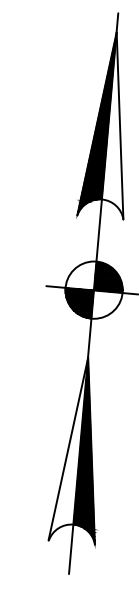
NOTE: DEKALB COUNTY: PH (MORE THAN >6), SOIL RESISTIVITY (MORE THAN >10000). BASED ON GDOT GEOTECHNICAL DESIGN POLICY AND GUIDE "HISTORICAL pH AND RESISTIVITY VALUES" DOCUMENT, BY COUNTY.

Z:\Users\30603.0000\Engineering\Drawings\CONSTRUCTION\PLANS\30603.0000-13-0001.DWG - May 20, 2024 - 3:49 PM

N/F
HUGH HOWELL ROAD LLC
PIN 18-215-01-006
DB 30063 PG 438

1
N/F
MOONSTONE TUCKER LLC
PIN 18-215-01-001
DB 27667 PG 758

CONTROL POINT #101
NAIL W. CAP
STA 11+65.90, 47.46' LT.
N = 1400190.1457
E = 2287506.8972
ELEV. = 1077.12'

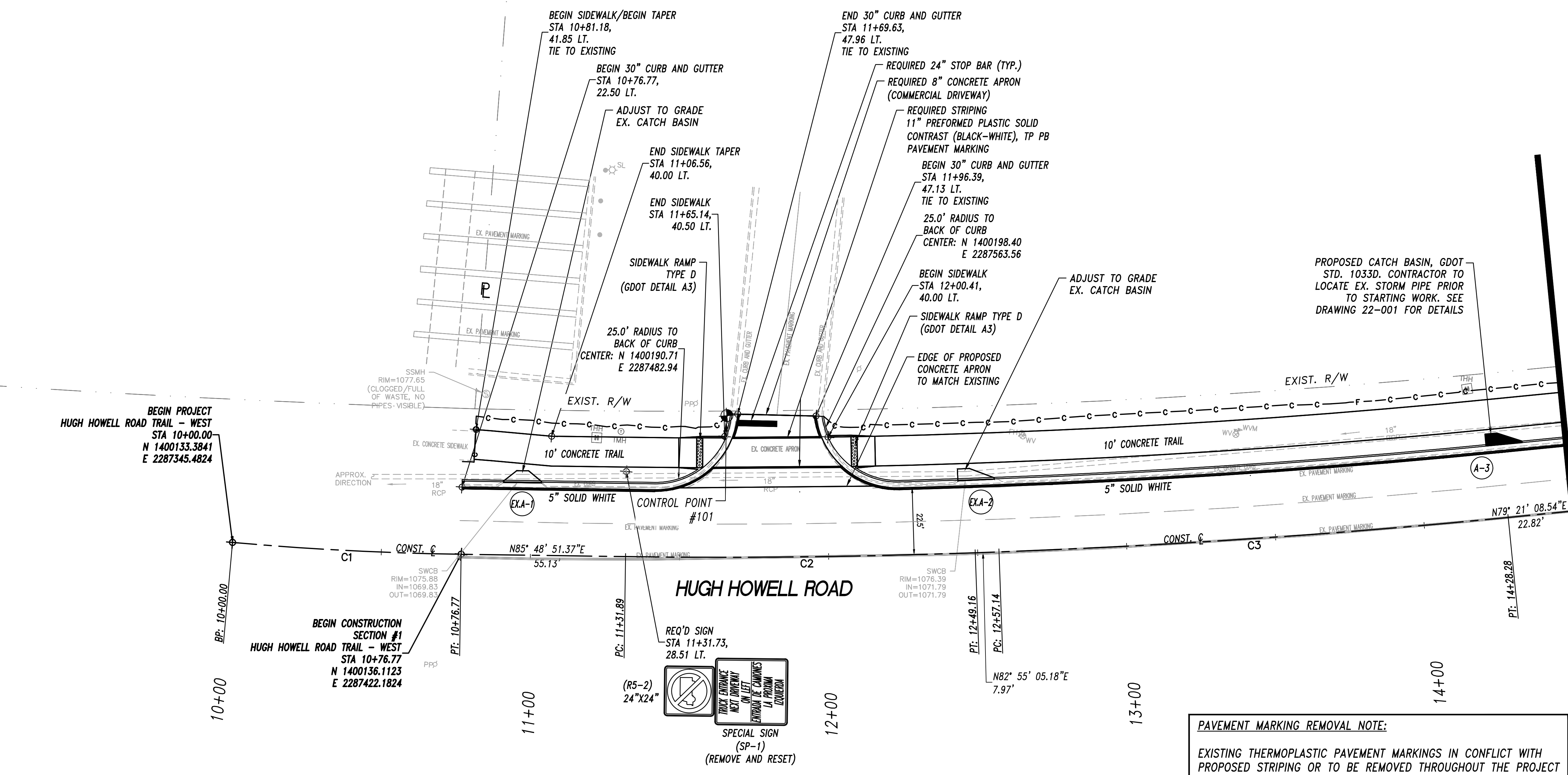


BEGIN PROJECT
HUGH HOWELL ROAD TRAIL - WEST
STA 10+00.00
N 1400133.3841
E 2287345.4824

BEGIN CONSTRUCTION
SECTION #1
HUGH HOWELL ROAD TRAIL - WEST
STA 10+76.77
N 1400136.1123
E 2287422.1824

PROPOSED CATCH BASIN, GDOT
STD. 1033D. CONTRACTOR TO
LOCATE EX. STORM PIPE PRIOR
TO STARTING WORK. SEE
DRAWING 22-001 FOR DETAILS

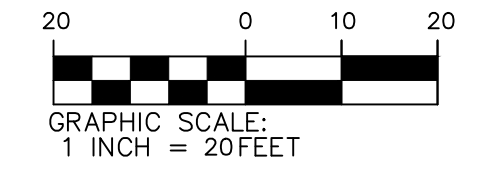
MATCHLINE STA. 14+50
SEE SHEET 13-002



NO.	REVISIONS	BY	DATE
1	REV'D. CROSSWALK LAYOUT & SIGN CHART. ADDED REM.NOTE	L.H.	05/20/24

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MAINLINE PLAN - SECTION #1 (WEST)
PHASE 2
HUGH HOWELL ROAD TRAIL
PROJECT LOCATION:
City of Tucker
DeKalb County, GA
CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084



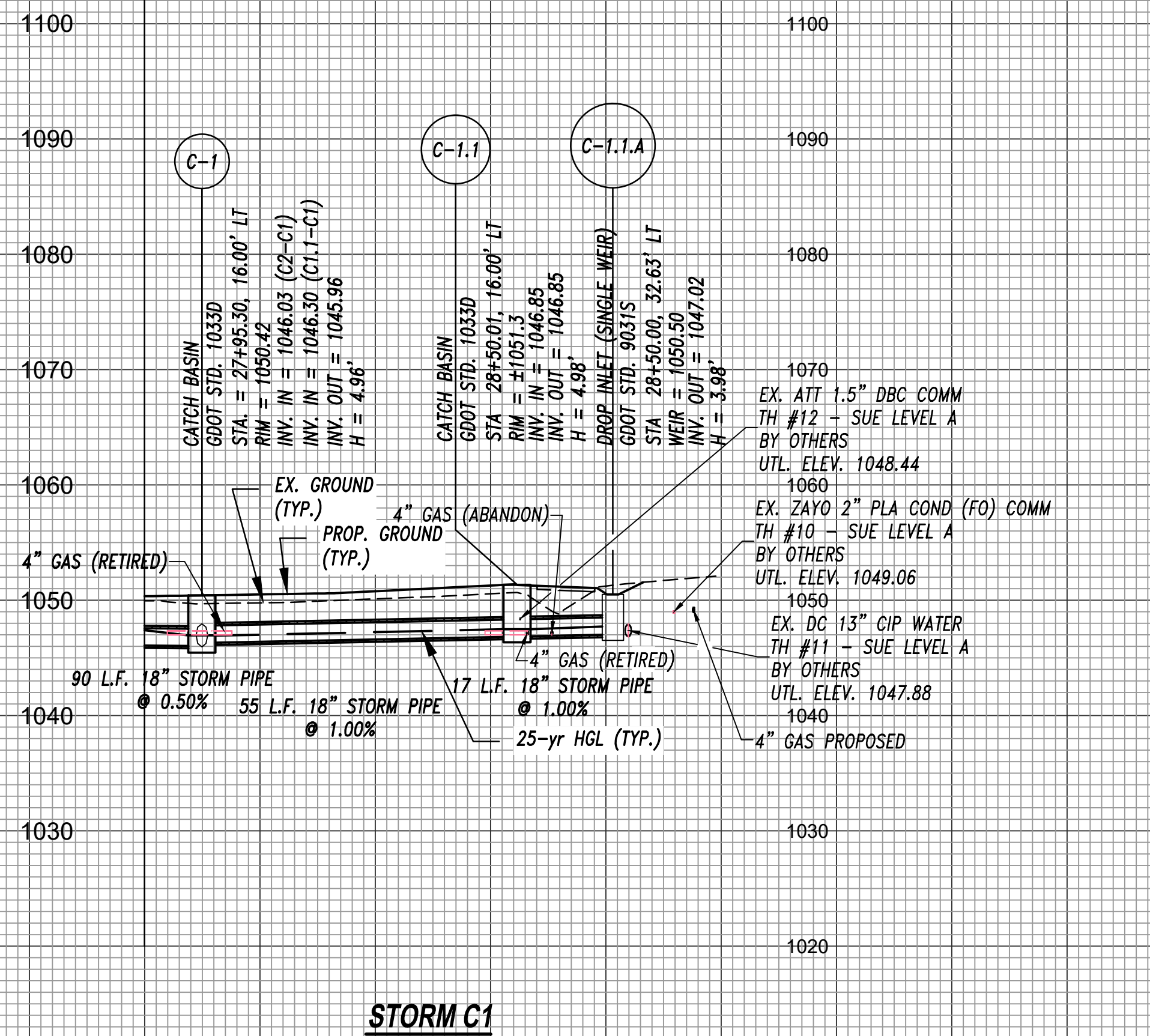
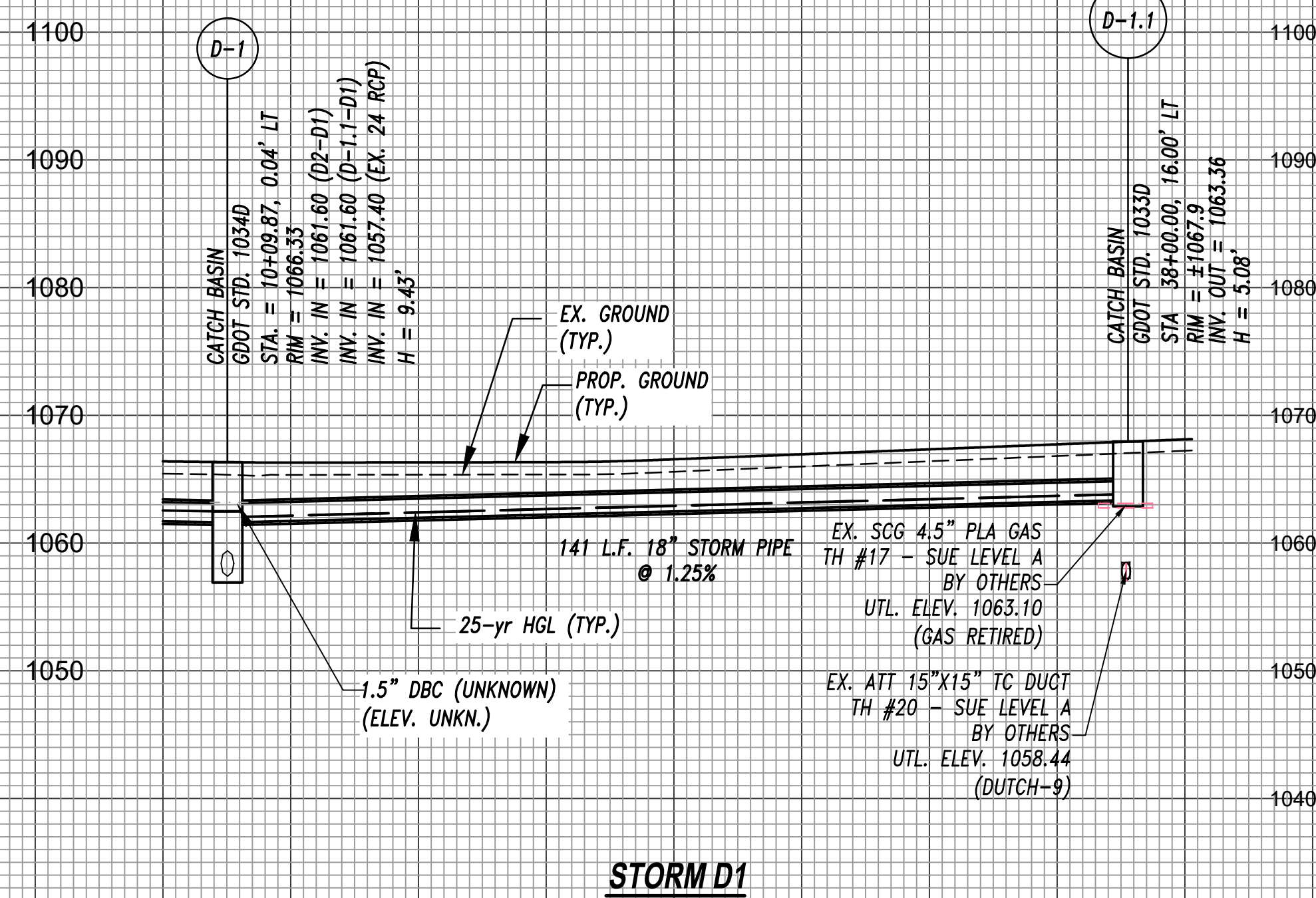
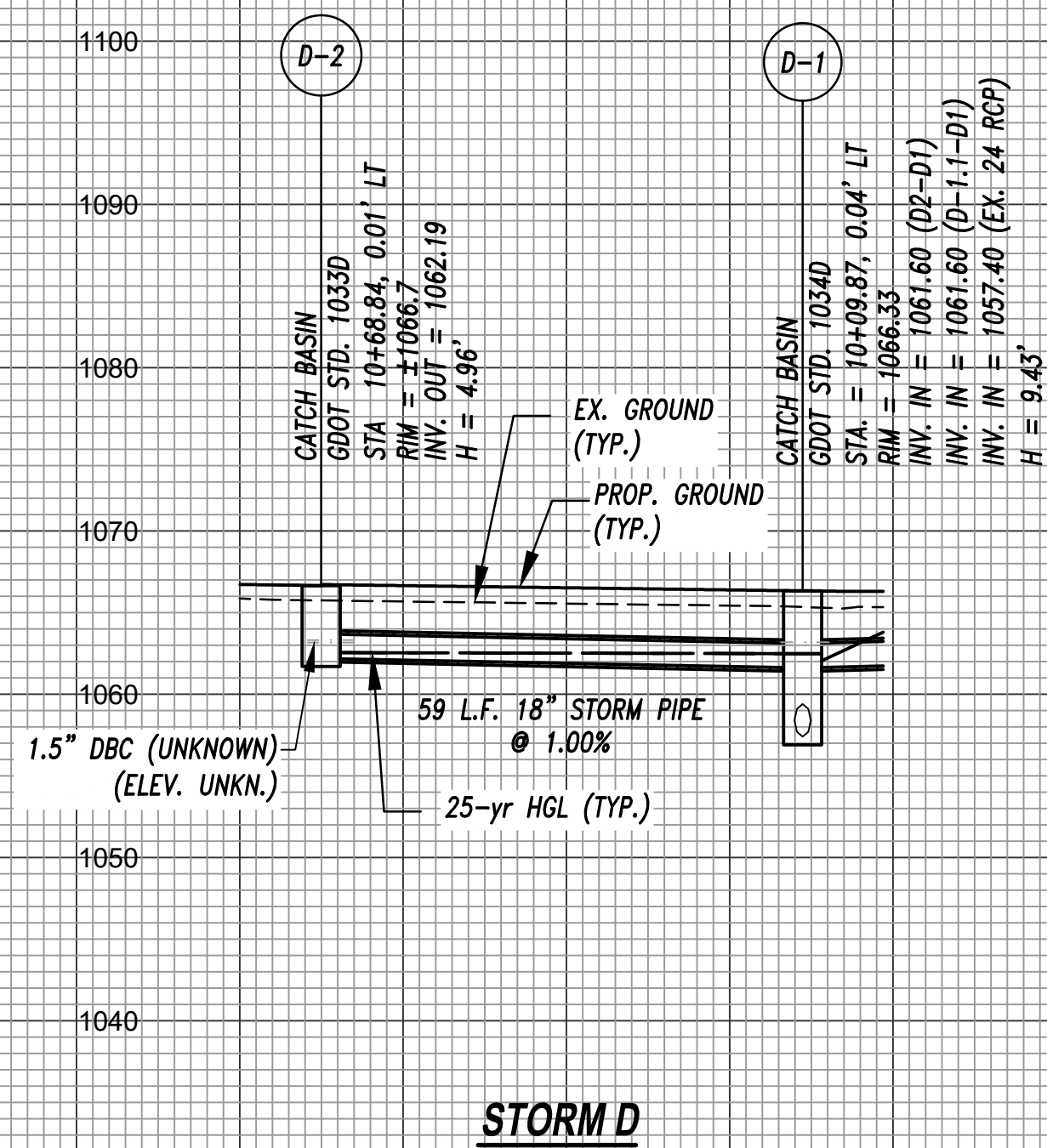
Curve #	PI STA.	N	E	Δ	D	T	L	R	E	SE RATE	PC STA.	N	E	PT STA.	N	E
C1	10+38.40	1400133.3043	2287383.8838	4°18'43.8"	5°37'02.0"	38.40'	76.77'	1020.00'	0.72'	MATCH EXISTING	10+00.00	1400133.3841	2287345.4824	10+76.77	1400136.1123	2287422.1824
C2	11+90.54	1400144.4167	2287535.6542	2°53'46.2"	2°28'10.7"	58.65'	117.27'	2320.00'	0.74'	MATCH EXISTING	11+31.89	1400140.1360	2287477.1629	12+49.16	1400151.6472	2287593.8545
C3	13+42.74	1400163.1834	2287686.7114	3°33'56.6"	2°05'00.5"	85.60'	171.14'	2750.00'	1.33'	MATCH EXISTING	12+57.14	1400152.6301	2287601.7654	14+28.28	1400178.9994	2287770.8367
C4	15+32.63	1400198.2796	2287873.3882	3°44'09.0"	2°17'30.6"	81.53'	163.01'	2500.00'	1.33'	MATCH EXISTING	14+51.10	1400183.2151	2287793.2597	16+14.10	1400218.5331	2287952.3648
C5	16+79.60	1400234.8046	2288015.8140	3°06'20.6"	2°36'15.7"	59.64'	119.25'	2200.00'	0.81'	MATCH EXISTING	16+19.96	1400219.9893	2287958.0431	17+39.22	1400252.7280	2288072.6974

ROAD	LOCATION	CODE	POSTS		
			LENGTH (FEET)	QUANTITY	TOTAL LENGTH
HUGH HOWELL ROAD	STA 11+31.73 LT.	SP-1*	15	1	15
TOTAL			15	1	15

REQUIRED SPECIAL SIGN:
* SP-1 - "TRUCK ENTRANCE NEXT DRIVEWAY ON LEFT / ENTRADA DE CAMIONES LA PROXIMA IZQUIERDA"

13-001

Z:\WORK\30603.0000\UNRENDERED\DRAWINGS\CONSTRUCTION\PLAN\30603.0000-22-002.DWG - May 20, 2024 - 1:00 PM



NOTE: UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON UTILITY OWNER MARKUPS. UNLESS OTHERWISE NOTED, UTILITY DEPTHS ARE APPROXIMATE AND SHOWN HEREON FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE THE MARKING AND CONSTRUCTION OF UNDERGROUND UTILITIES. CONTRACTOR TO NOTIFY ENGINEER IF EXISTING CONDITIONS PRECLUDE THE CONSTRUCTION OF THE PROPOSED DRAINAGE IMPROVEMENTS.

NO.	REVISIONS	BY	DATE
1	REV'D. STRUCTURE C-1.1.A TO READ WEIR ELEVATION.	L.H.	05/20/24



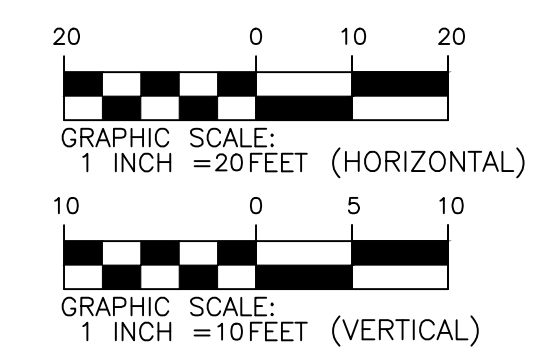
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DRAINAGE PROFILES - SECTION #2 (EAST)

PHASE 2
 HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
 City of Tucker
 DeKalb County, GA

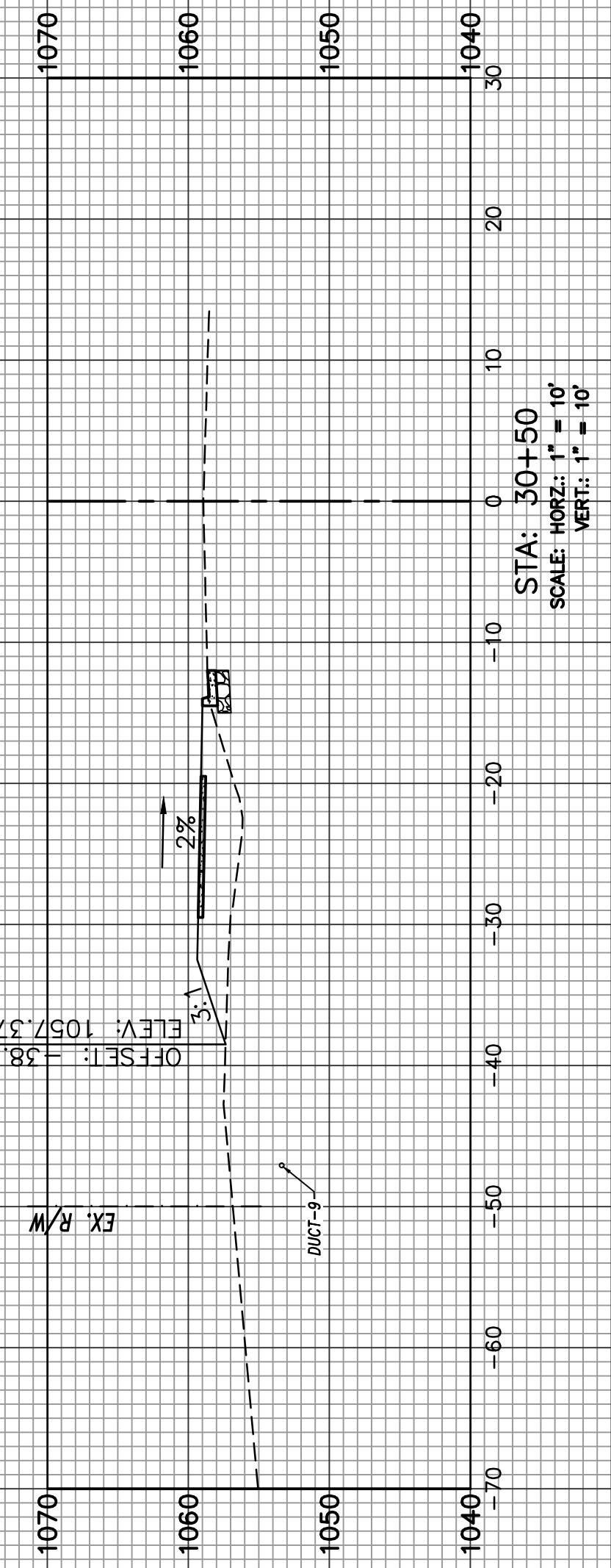
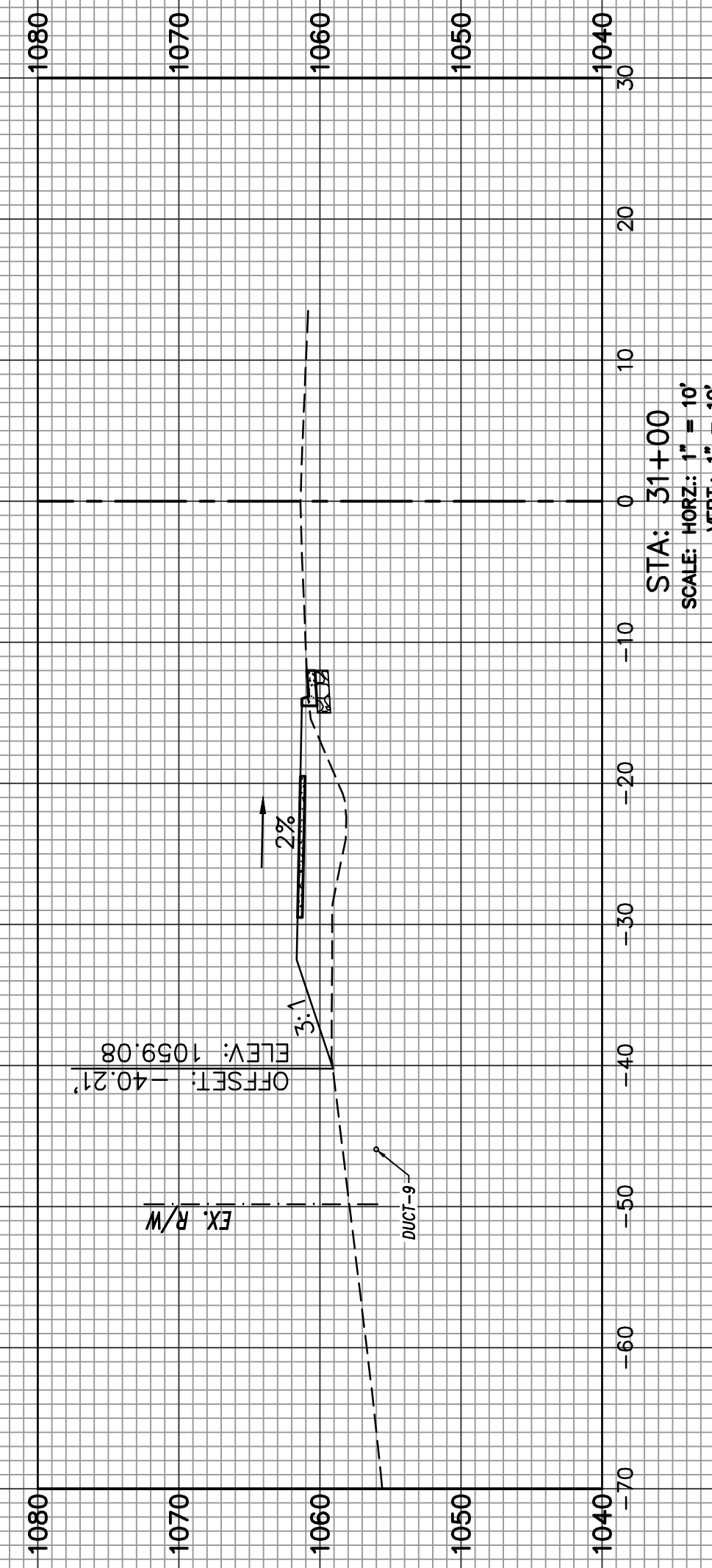
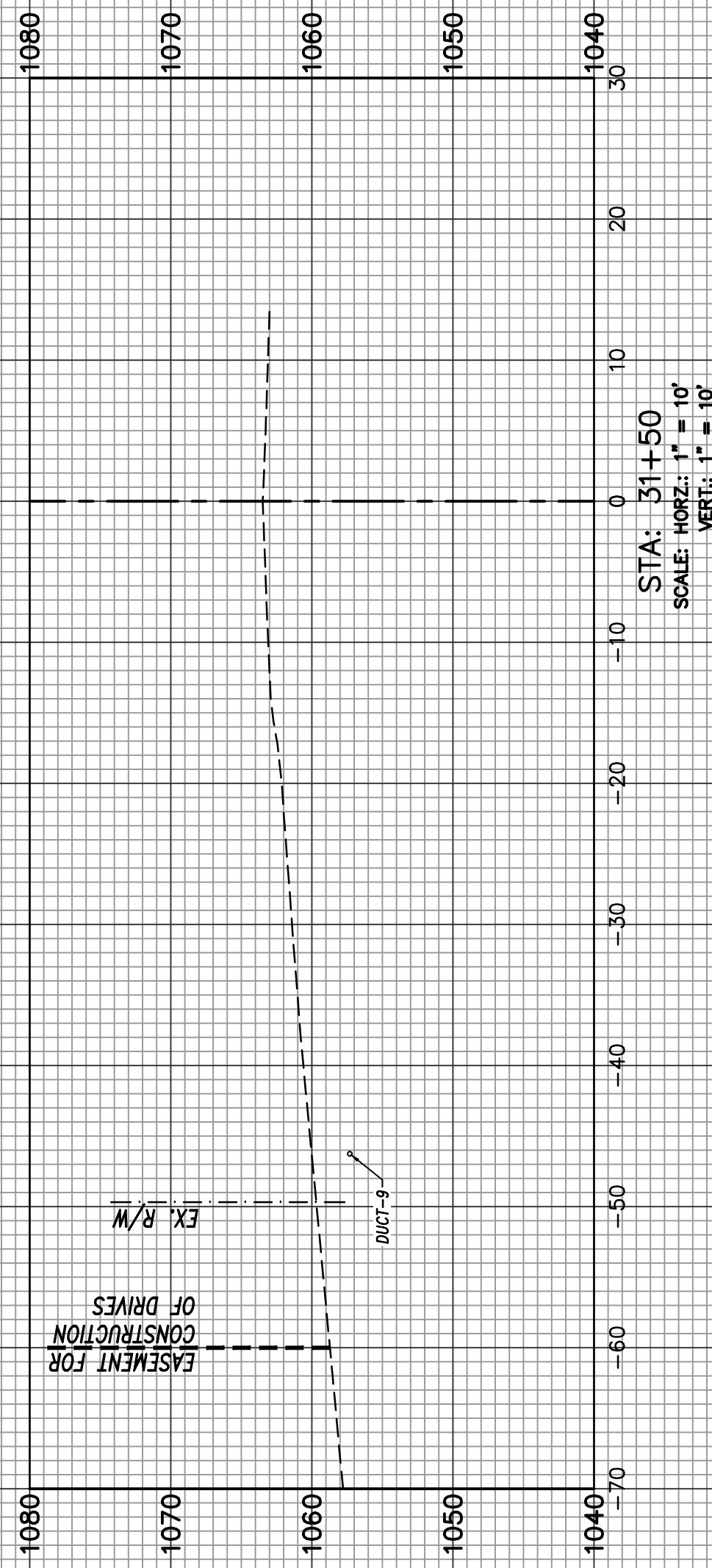
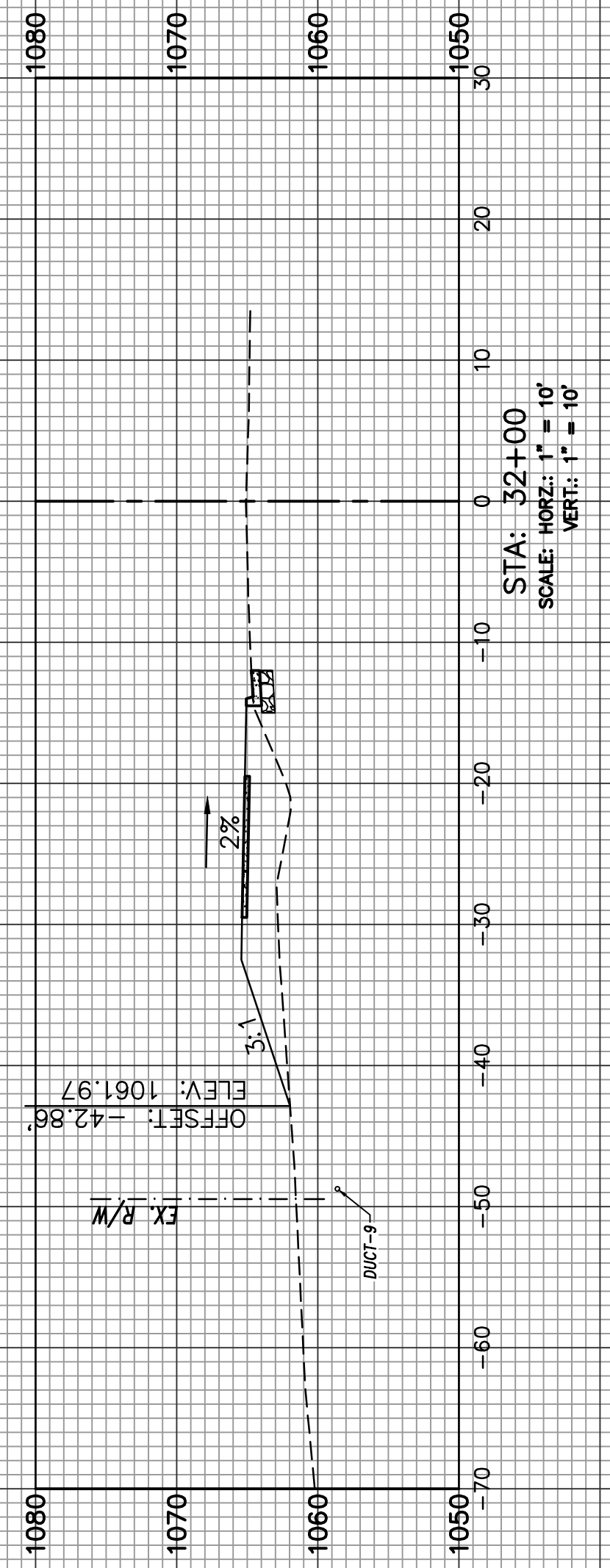
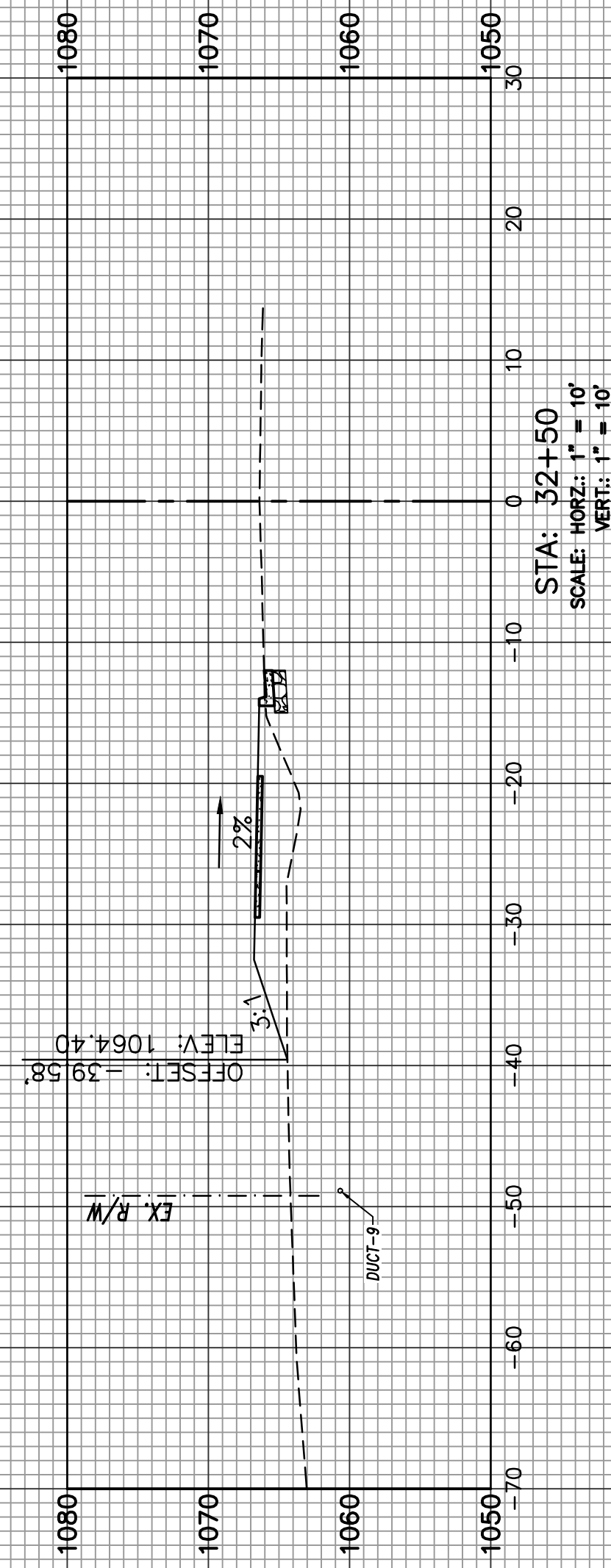
CLIENT/OWNER:
 City of Tucker
 1975 Lakeside Parkway
 Suite 350A
 Tucker, GA 30084



DATUM: HORIZ.: 1" = 20' VERT.: 1" = 10'

JOB NO:	30603.0000
DATE:	08/15/23
DRAWN:	L.E.H.
DESIGNED:	L.E.H.
REVIEWED:	
APPROVED:	
SCALE:	AS NOTED

22-002



NOTE: ALL UTILITY DEPTHS ARE FOR DISPLAY PURPOSES ONLY. PHYSICAL VERIFICATION OF DEPTHS IS REQUIRED FOR CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THE MARKING AND CONSTRUCTION OF UNDERGROUND UTILITIES.

NO.	REVISIONS	BY	DATE



CROSS SECTIONS - SECTION #2 (EAST)

PHASE 2
HUGH HOWELL ROAD TRAIL

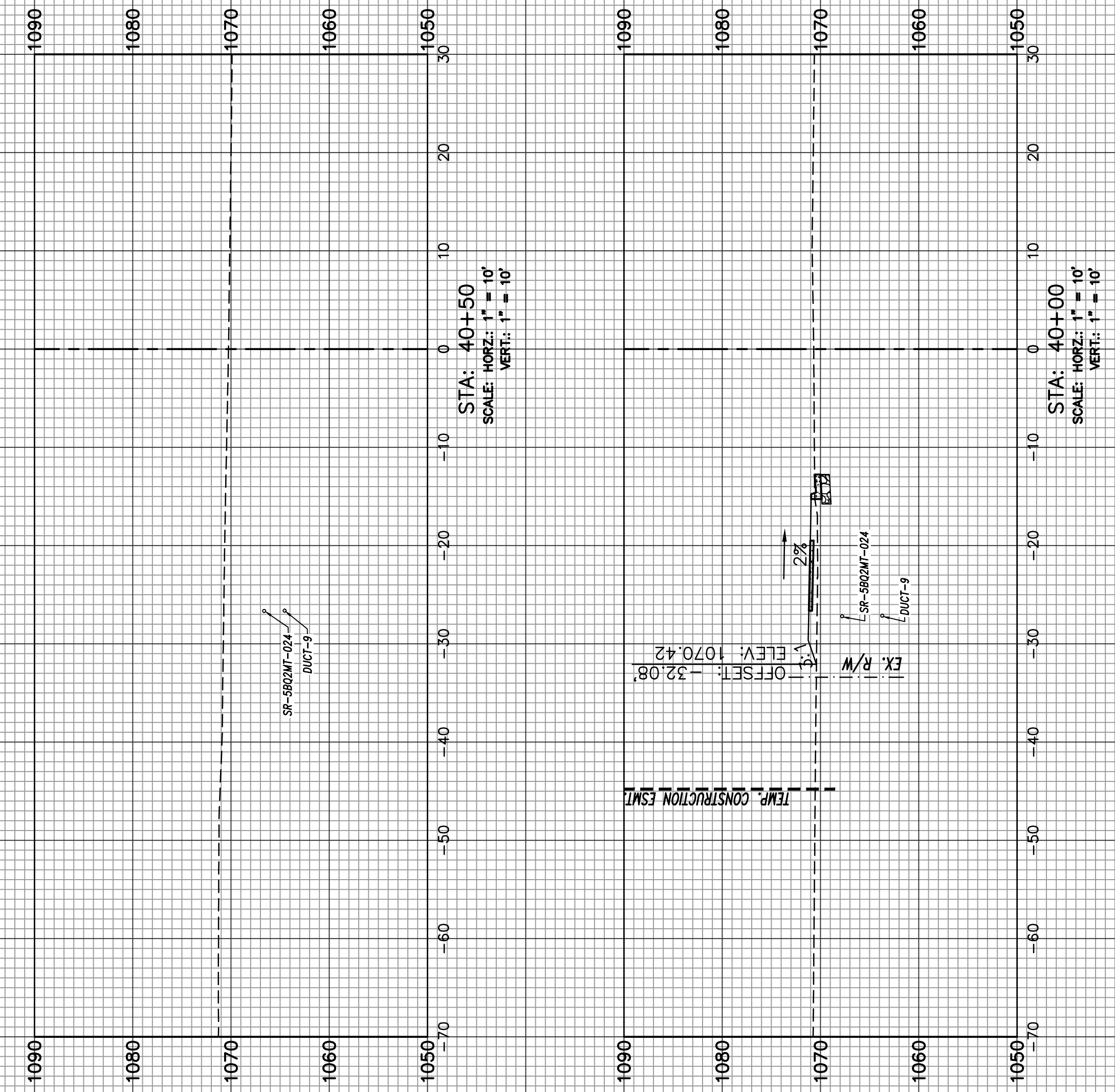
PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

DATUM: HORIZ.: VERT.:

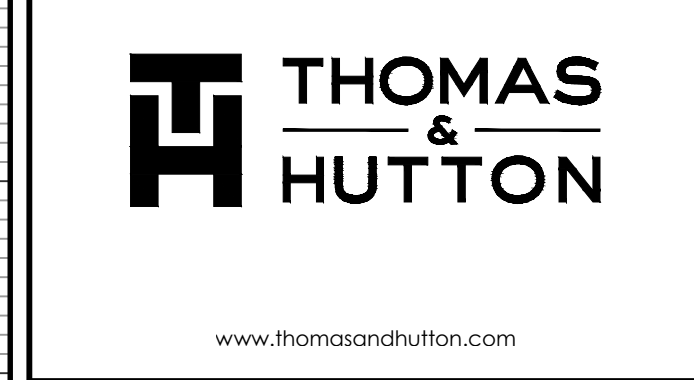
JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: LEH
DESIGNED: LEH
REVIEWED:
APPROVED:
SCALE: AS NOTED

23-010



NOTE: ALL UTILITY DEPTHS ARE FOR DISPLAY PURPOSES ONLY. PHYSICAL VERIFICATION OF DEPTHS IS REQUIRED FOR CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THE MARKING AND CONSTRUCTION OF UNDERGROUND UTILITIES.

NO.	REVISIONS	BY	DATE



CROSS SECTIONS – SECTION #2 (EAST)

PHASE 2
HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

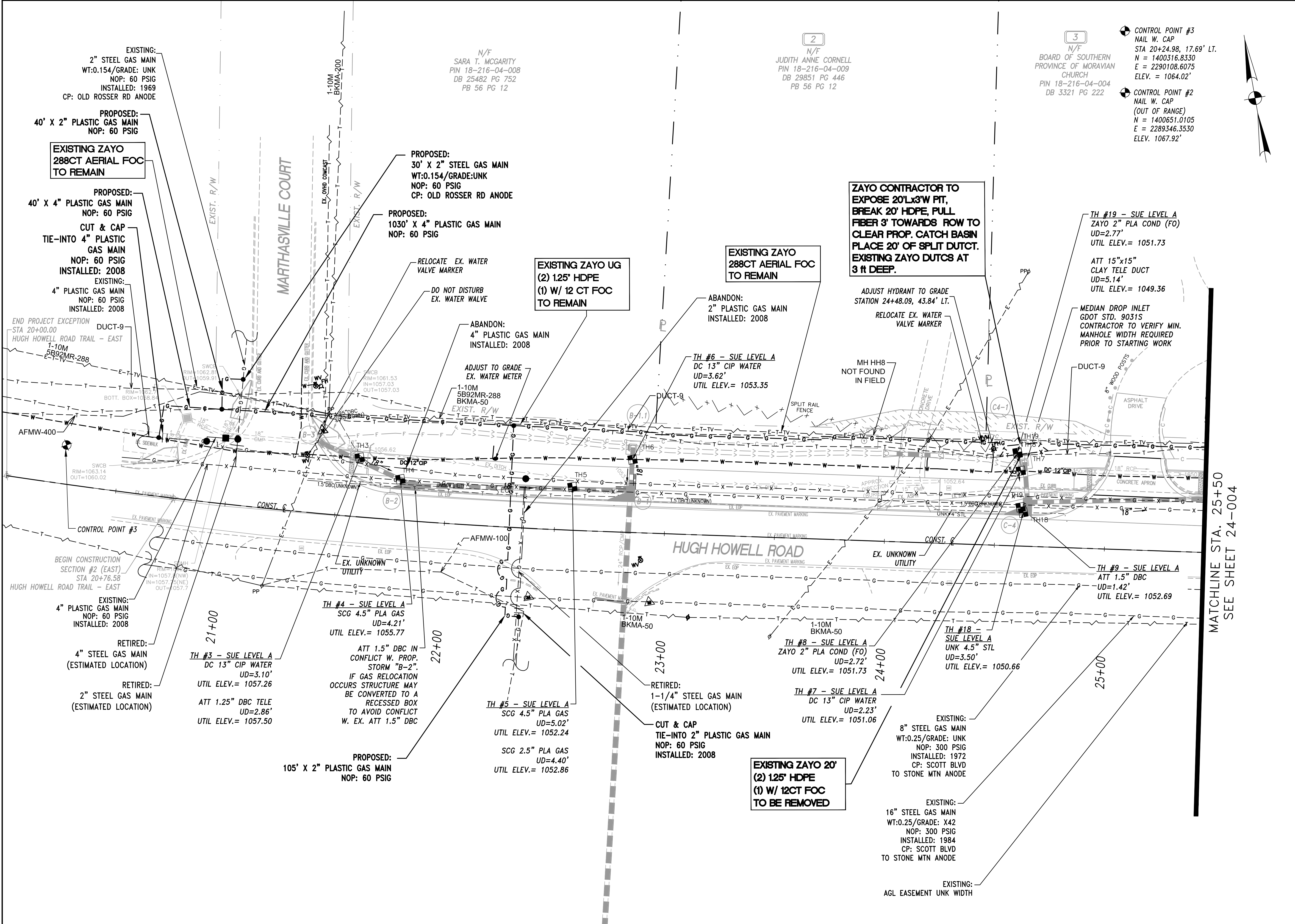
CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: LEH
DESIGNED: LEH
REVIEWED:
APPROVED:
SCALE: AS NOTED

23-014

Z:\WORK\30603.0000\ENGINEERING\DRAWINGS\CONSTRUCTION\PLAN\30603.0000-24-003.DWG - May 20, 2024 - 4:11 PM



2
N/F
SARA T. MCGARITY
PIN 18-216-04-008
DB 25482 PG 752
PB 56 PG 12

3
N/F
JUDITH ANNE CORNELL
PIN 18-216-04-009
DB 29851 PG 446
PB 56 PG 12

3
N/F
BOARD OF SOUTHERN
PROVINCE OF MORAVIAN
CHURCH
PIN 18-216-04-004
DB 3321 PG 222

CONTROL POINT #3
NAIL W. CAP
STA 20+24.98, 17.69' LT.
N = 1400316.8330
E = 2290108.6075
ELEV. = 1064.02'

CONTROL POINT #2
NAIL W. CAP
(OUT OF RANGE)
N = 1400651.0105
E = 2289346.3530
ELEV. = 1067.92'

NO.	REVISIONS	BY	DATE
1	ADDED DRIVE STA 25+13.67, LT.	L.H.	05/20/24

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UTILITY PLAN - SECTION #2 (EAST)

PHASE 2
HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

20 0 10 20
GRAPHIC SCALE:
1 INCH = 20 FEET

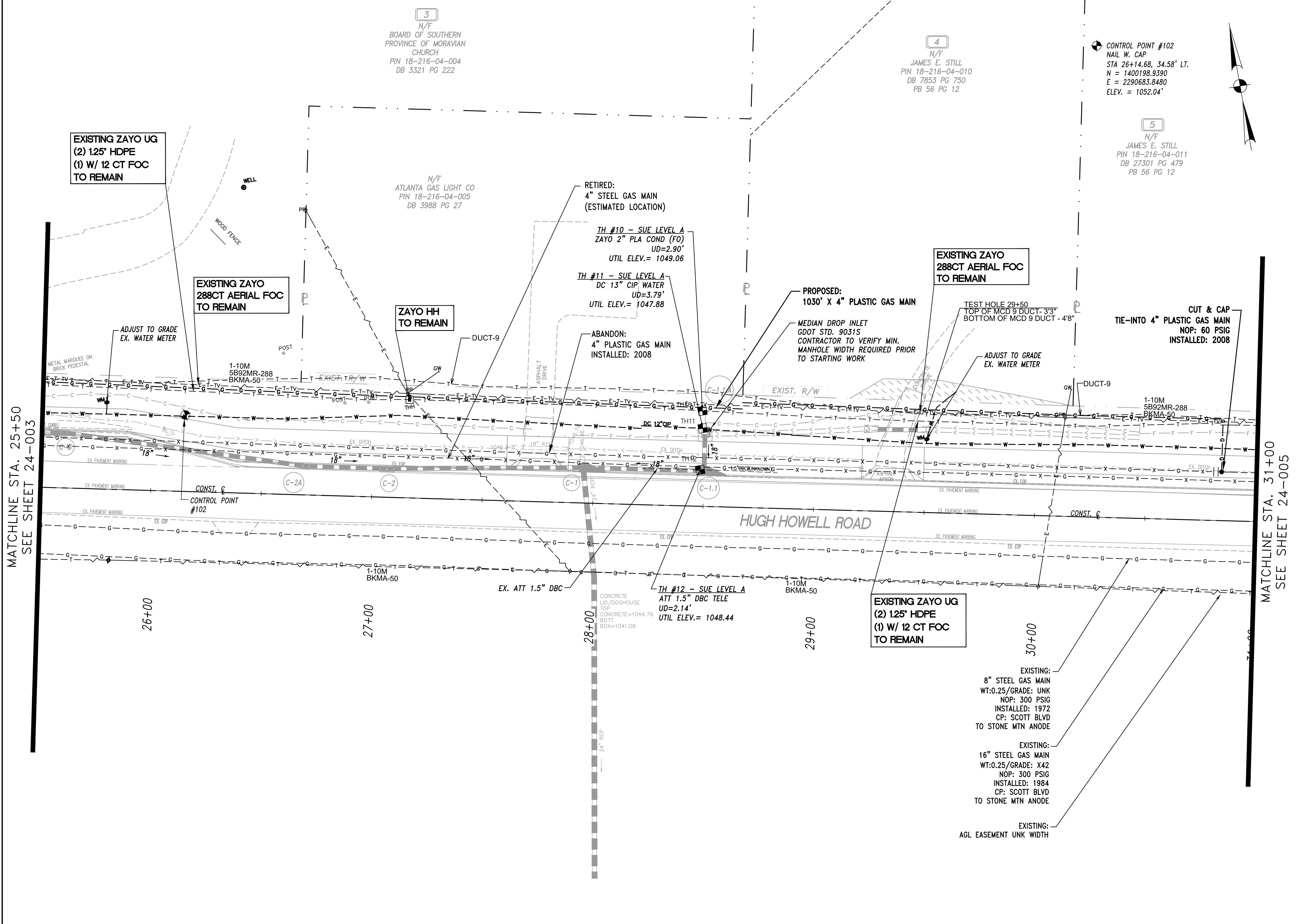
DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: L.E.H.
DESIGNED: L.E.H.
REVIEWED:
APPROVED:
SCALE: 1" = 20'

24-003

MATCHLINE STA. 25+50
SEE SHEET 24-004

Z:\WORK\2006\0000\UNDEVELOPED\JAMES\CONSTRUCTION PLANS\24003-24-004-0001.dwg - Apr 16, 2024 - 10:33 AM



NO.	REVISIONS	BY	DATE

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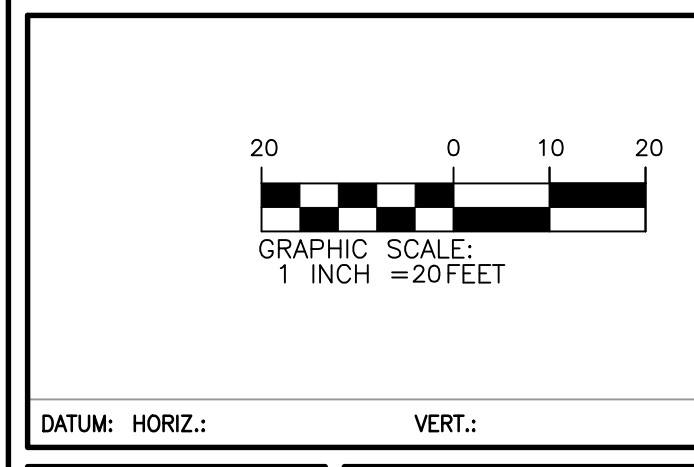
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UTILITY PLAN - SECTION #2 (EAST)

PHASE 2
HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

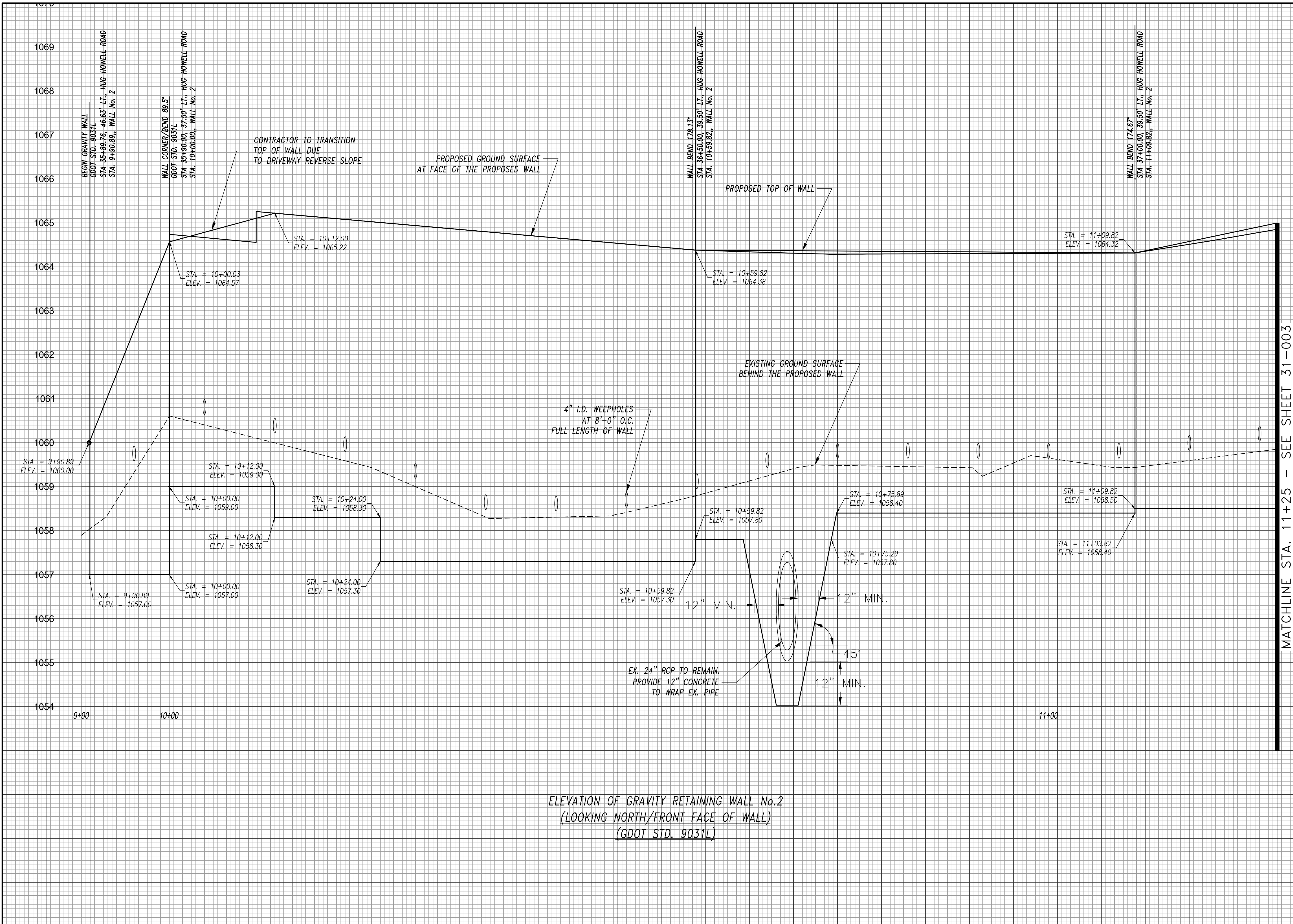


DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: L.E.H.
DESIGNED: L.E.H.
REVIEWED:
APPROVED:
SCALE: 1" = 20'

24-004

Z:\WORK\30603.0000\ENGINEERING\DRAWINGS\CONSTRUCTION\PLAN\30603.0000-31-RETENING - Mar 27, 2024 - 5:09 PM



NO.	REVISIONS	BY	DATE

NO.	REVISIONS	BY	DATE

NO.	REVISIONS	BY	DATE

THOMAS & HUTTON

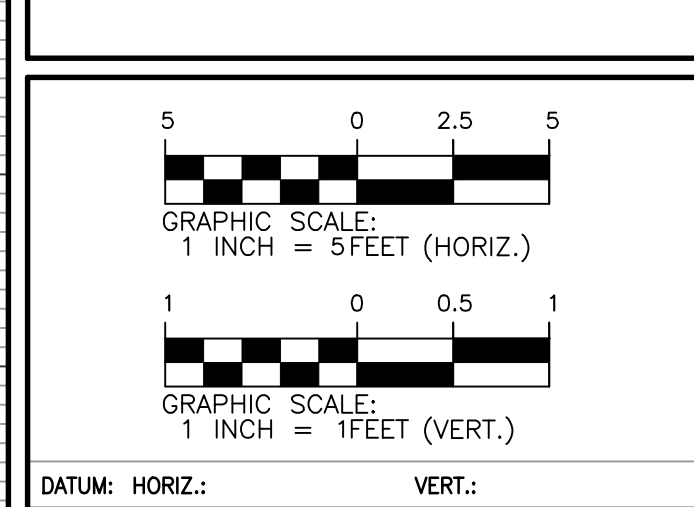
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www.thomasandhutton.com

RETAINING WALL ENVELOPE - SECTION #2 (EAST)

**PHASE 2
HUGH HOWELL ROAD TRAIL**

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084



JOB NO: 30603.0000
DATE: 08/15/23
DRAWN: L.E.H.
DESIGNED: L.E.H.
REVIEWED:
APPROVED:
SCALE: 1" = 5'

31-002

MATCHLINE STA. 11+25 SEE SHEET 31-002

PROPOSED GROUND SURFACE
AT FACE OF THE PROPOSED WALL

PROPOSED TOP OF WALL

EXISTING GROUND SURFACE
BEHIND THE PROPOSED WALL

4" I.D. WEEPHOLES
AT 8'-0" O.C.
FULL LENGTH OF WALL

WALL BEND: 185.33°
STA. 37+75.00, 32.50' LT., HUG HOWELL ROAD
STA. 11+85.14, WALL No. 2

END GRAVITY WALL
STA. 38+40.00, 32.50' LT., HUG HOWELL ROAD
STA. 12+50.14, WALL No. 2

STA. = 11+32.00
ELEV. = 1058.90

STA. = 11+47.00
ELEV. = 1059.40

STA. = 11+47.00
ELEV. = 1058.90

STA. = 11+63.00
ELEV. = 1059.90

STA. = 11+85.14
ELEV. = 1060.90

STA. = 11+85.14
ELEV. = 1059.90

STA. = 12+10.00
ELEV. = 1061.40

STA. = 12+10.00
ELEV. = 1060.90

STA. = 12+27.00
ELEV. = 1062.10

STA. = 12+27.00
ELEV. = 1061.40

STA. = 12+37.00
ELEV. = 1062.60

STA. = 12+37.00
ELEV. = 1062.10

STA. = 12+44.00
ELEV. = 1064.40

STA. = 12+44.00
ELEV. = 1062.60

STA. = 12+50.14
ELEV. = 1064.40

STA. = 12+50.14
ELEV. = 1069.04

STA. = 11+50.00
ELEV. = 1066.01

STA. = 11+85.14
ELEV. = 1067.78

1072
1071
1070
1069
1068
1067
1066
1065
1064
1063
1062
1061
1060
1059
1058
1057
1056
1055
1054

ELEVATION OF GRAVITY RETAINING WALL No.2
(LOOKING NORTH/FRONT FACE OF WALL)
(GDOT STD. 9031L)
12+00

12+50

NO.	REVISIONS	BY	DATE

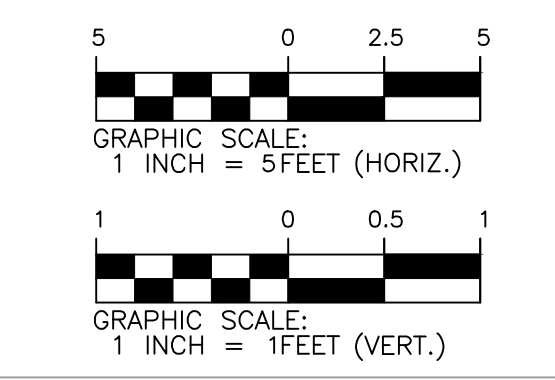
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Buford, GA 30518 • 770-271-2868
www.thomasandhutton.com

RETAINING WALL ENVELOPE
- SECTION #2 (EAST)

PHASE 2
HUG HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084



DATUM: HORIZ.: VERT.:

JOB NO:	30603.0000
DATE:	08/15/23
DRAWN:	L.E.H.
DESIGNED:	L.E.H.
REVIEWED:	
APPROVED:	
SCALE:	1" = 5'

31-003

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS**

SWCD: _____

Project Name: HUGH HOWELL ROAD TRAIL - PHASE 2 Address: HUGH HOWELL ROAD, TUCKER, GA
 City/County: DEKALB COUNTY Date on Plans: SEE DATE ON PLANS
 Name & Email of person filling out checklist: Luis Hernandez, hernandez.l@tandh.com

Plan Included: SHOWN ON ES&PC PLAN

Page #	Y/N
51-003	Y

51-001	Y
--------	---

51-001	Y
--------	---

51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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Cover	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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54-001/007	Y
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51-001	N/A
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51-001	N/A
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51-002	Y
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51-001	Y
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51-001	Y
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- The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
(The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
- Level II certification number issued by the Commission, signature and seal of the certified design professional.
(Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
- The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
- Provide the name, address, email address, and phone number of primary permittee.
- Note total and disturbed acreages of the project or phase under construction.
- Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
- Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
- Descriptions of the nature of construction activity and existing site conditions.
- Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
- Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
- 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.
- 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. *
- 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. *
- 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 installation." in accordance with **Part IV.A.5 page 26** of the permit. *
- 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 wretched vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
- Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
- Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
- Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit" *
- 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."
- 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."
- Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
- 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. *
- BMPs for concrete washdown of bolls, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
- Provide BMPs for the remediation of all petroleum spills and leaks.
- 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. *

51-001	Y
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51-001	Y
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51-001	Y
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51-001	Y
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51-002	Y
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51-001	Y
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51-002	Y
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51-002	Y
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51-002,55-001	Y
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51-001	Y
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54-001/54-018	Y
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54-001/54-018	Y
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N/A	---
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N/A	---
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51-001	Y
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55-001	Y
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53-001	Y
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53-001	Y
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51-001	Y
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N/A	Y
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54-001/54-018	Y
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54-001/54-018	Y
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51-001	Y
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54-001/54-018	Y
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56-001/56-004	Y
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56-001	Y
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- Description of practices to provide cover for building materials and building products on site. *
- Description of the practices that will be used to reduce the pollutants in storm water discharges. *
- 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).
- Provide complete requirements of Inspections and record keeping by the primary permittee. *
- Provide complete requirements of Sampling Frequency and Reporting of sampling results. *
- Provide complete details for Retention of Records as per Part IV.F. of the permit. *
- Description of analytical methods to be used to collect and analyze the samples from each location. *
- Appendix B rationale for NTU values at all outfall sampling points where applicable. *
- 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. *
- 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. *
- Graphic scale and North arrow.
- 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
- Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
- 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. *
- 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.
- Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
- Delineation and acreage of contributing drainage basins on the project site.
- Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.
- An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
- Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
- Soil series for the project site and their delineation.
- The limits of disturbance for each phase of construction.
- Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual 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.
- 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.
- 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.
- 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.

Effective January 1, 2024



LEVEL II CERTIFIED DESIGN
PROFESSIONAL No. 0000021332

NO.	REVISIONS	BY	DATE

5074 Bristol Industrial Way • Suite A
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www.thomasandhutton.com

EROSION CONTROL CHECKLIST

PHASE 2
HUGH HOWELL ROAD TRAIL

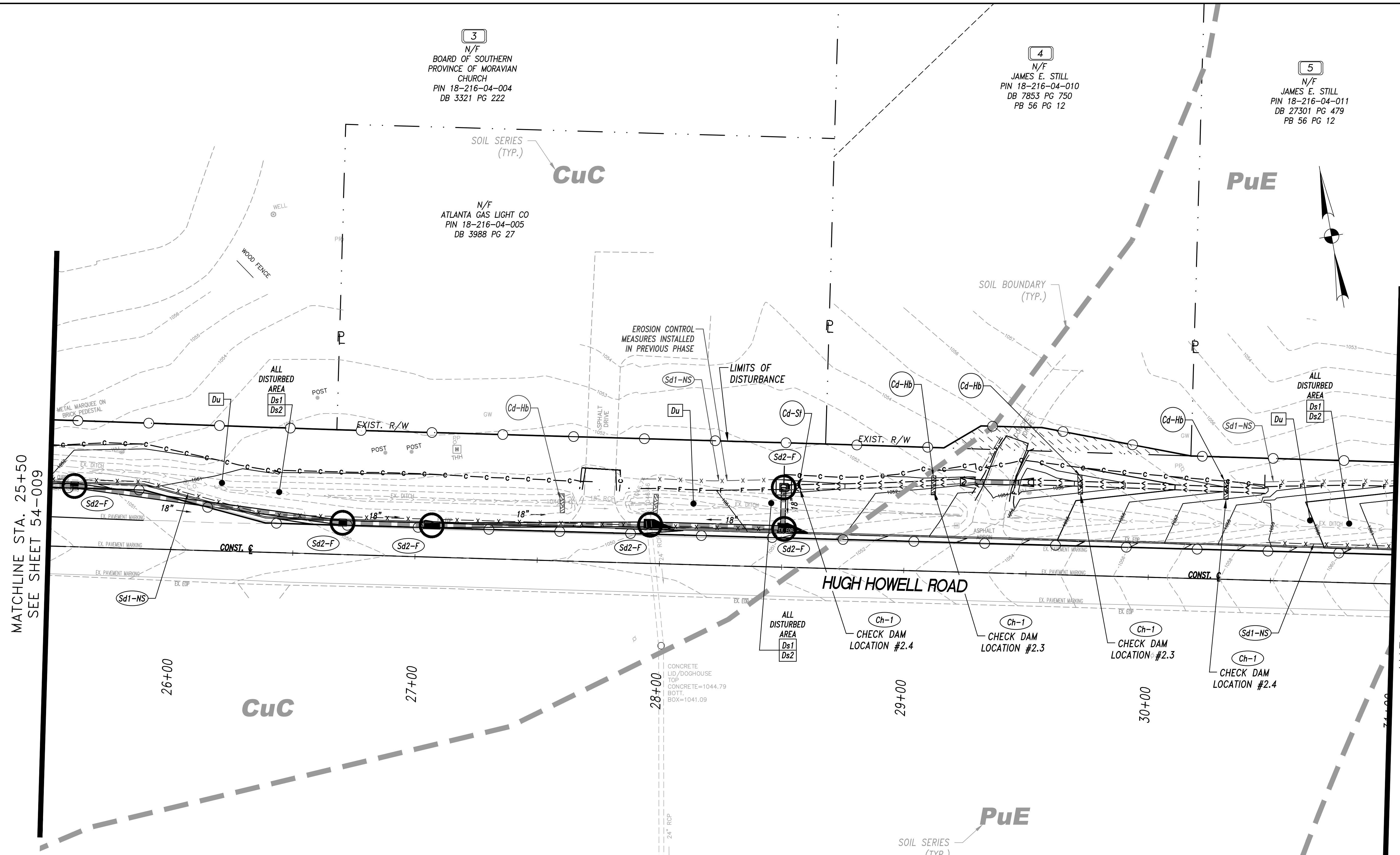
PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

DATUM: HORIZ.:	VERT.:
JOB NO: 30603.0000	DATE: 08/15/23
DRAWN: L.E.H.	DESIGNED: L.E.H.
REVIEWED:	APPROVED:
SCALE: N.T.S.	

51-003

Z:\30603\30603\0000\UNIMPROVED\CONSTRUCTION PLANS\30603\0000-54-INTD-IMPROV.DWG - May 20, 2024 - 4:14 PM



MATCHLINE STA. 25+50
SEE SHEET 54-009

MATCHLINE STA. 31+00
SEE SHEET 54-011

3
N/F
BOARD OF SOUTHERN
PROVINCE OF MORAVIAN
CHURCH
PIN 18-216-04-004
DB 3321 PG 222

4
N/F
JAMES E. STILL
PIN 18-216-04-010
DB 7853 PG 750
PB 56 PG 12

5
N/F
JAMES E. STILL
PIN 18-216-04-011
DB 27301 PG 479
PB 56 PG 12

N/F
ATLANTA GAS LIGHT CO
PIN 18-216-04-005
DB 3988 PG 27

NO.	REVISIONS	BY	DATE

NO.	REVISIONS	BY	DATE

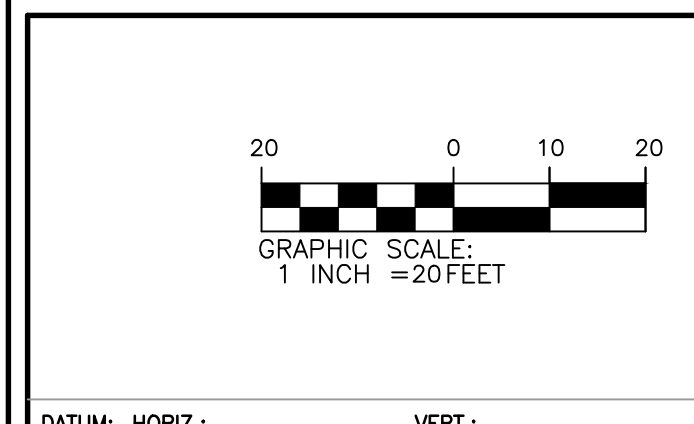
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**INTERMEDIATE PHASE BMP
LOCATION DETAILS -
SECTION #2 (EAST)**

**PHASE 2
HUGH HOWELL ROAD TRAIL**

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084



54-010

CHECK DAM LOCATION #2.1 - (DITCH#2/LOC#1)
 1. CFS IN CHANNEL/DITCH = 0.04
 2. ABOVE 2.0 CFS: Yes ___ No
 3. IF YES, BMP USED IN CONJUNCTION WITH CHECK DAMS: N/A

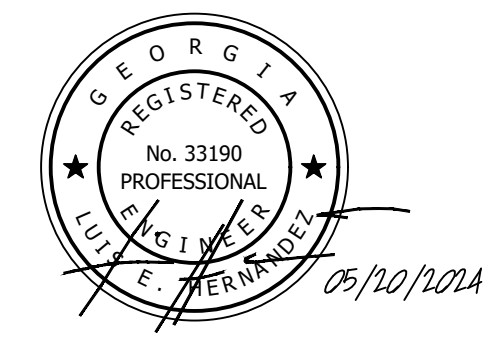
CHECK DAM LOCATION #2.2 - (DITCH#2/LOC#2)
 1. CFS IN CHANNEL/DITCH = 0.24
 2. ABOVE 2.0 CFS: Yes ___ No
 3. IF YES, BMP USED IN CONJUNCTION WITH CHECK DAMS: N/A

CHECK DAM LOCATION #2.3 - (DITCH#2/LOC#3)
 1. CFS IN CHANNEL/DITCH = 0.76
 2. ABOVE 2.0 CFS: Yes ___ No
 3. IF YES, BMP USED IN CONJUNCTION WITH CHECK DAMS: N/A

CHECK DAM LOCATION #2.4 - (DITCH#2/LOC#4)
 1. CFS IN CHANNEL/DITCH = 1.42
 2. ABOVE 2.0 CFS: Yes ___ No
 3. IF YES, BMP USED IN CONJUNCTION WITH CHECK DAMS: N/A

NOTE: DITCH #1 AND DITCH #2 ARE PROVIDED WITH Ds3/ds4 Lining Material. REFER TO CHANNEL CHART ON SHEET 54-009.

**LEVEL II CERTIFIED DESIGN
PROFESSIONAL No. 0000021332**



2:\0603\0603.0000\DWG\PHD\CONSTRUCTION PLANS\0603.0000-54-INTD-1145.DWG - May 20, 2024 - 4:14 PM

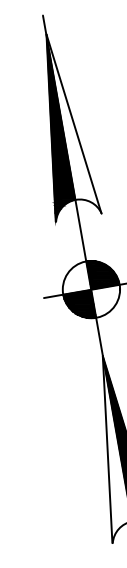
5
N/F
JAMES E. STILL
PIN 18-216-04-011
DB 27301 PG 479
PB 56 PG 12

N/F
JOSEPH AND HELEN SMITH
PIN 18-216-04-012
DB 19791 PG 662
PB 56 PG 12

6
N/F
REONN P. RABON AND DANA
EILEEN EZELL
PIN 18-216-04-013
DB 23645 PG 706
PB 56 PG 12

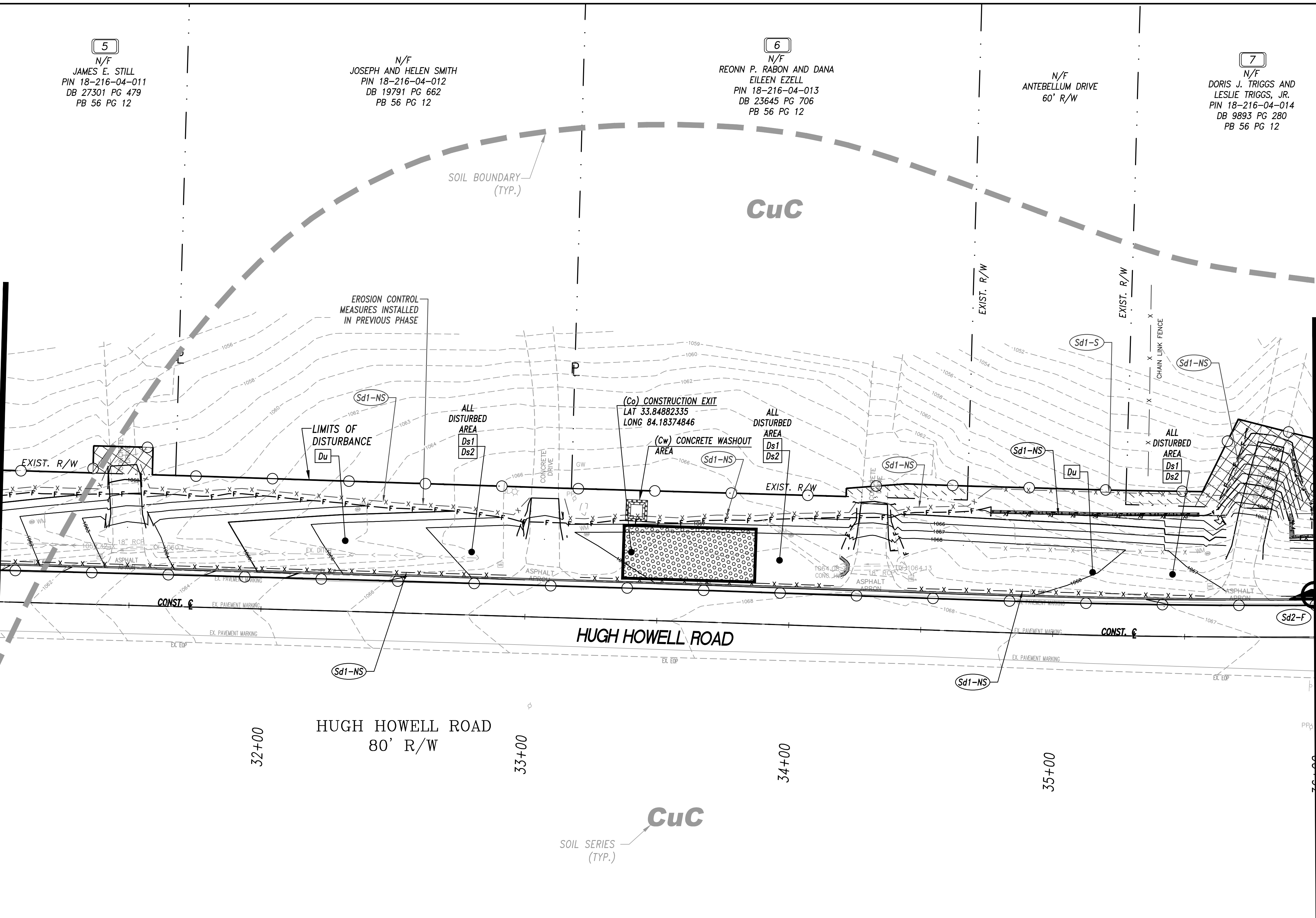
N/F
ANTEBELLUM DRIVE
60' R/W

7
N/F
DORIS J. TRIGGS AND
LESLIE TRIGGS, JR.
PIN 18-216-04-014
DB 9893 PG 280
PB 56 PG 12



MATCHLINE STA. 31+00
SEE SHEET 54-010

MATCHLINE STA. 36+00
SEE SHEET 54-012



NO.	REVISIONS	BY	DATE

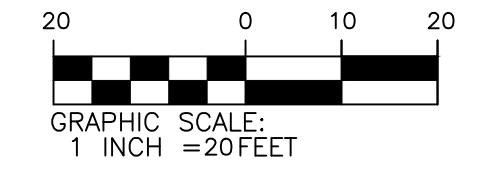
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INTERMEDIATE PHASE BMP
 LOCATION DETAILS -
 SECTION #2 (EAST)

PHASE 2
 HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
 City of Tucker
 DeKalb County, GA

CLIENT/OWNER:
 City of Tucker
 1975 Lakeside Parkway
 Suite 350A
 Tucker, GA 30084



LEVEL II CERTIFIED DESIGN
 PROFESSIONAL No. 0000021332

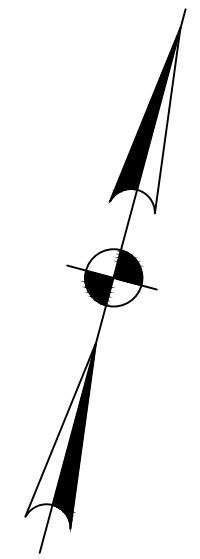
DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
 DATE: 08/15/23
 DRAWN: L.E.H.
 DESIGNED: L.E.H.
 REVIEWED:
 APPROVED:
 SCALE: 1" = 20'

54-011

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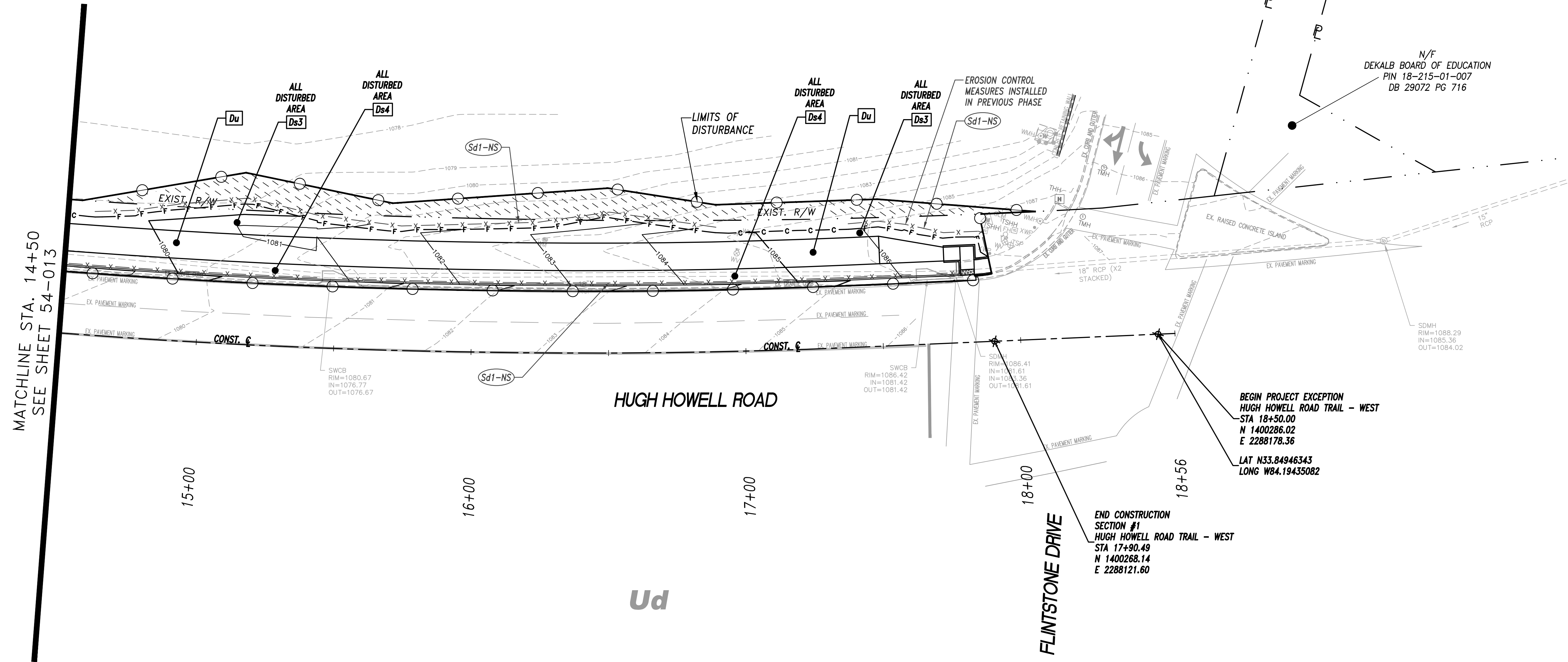
1
N/F
MOONSTONE TUCKER LLC
PIN 18-215-01-001
DB 27667 PG 758



N/F
JUDITH ANNE CORNELL
PIN 18-215-01-001
DB 29851 PG 446
PB 56 PG 12

N/F
DEKALB BOARD OF EDUCATION
PIN 18-215-01-007
DB 29072 PG 716

Ud
SOIL SERIES
(TYP.)



MATCHLINE STA. 14+50
SEE SHEET 54-013

NO.	REVISIONS	BY	DATE

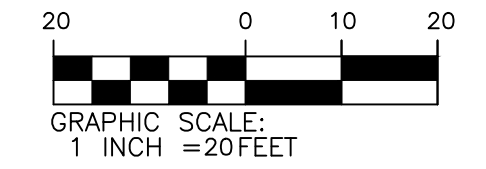
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 Buford, GA 30518 • 770-271-2868
 www.thomasandhutton.com

FINAL PHASE BMP
 LOCATION DETAILS -
 SECTION #1 (WEST)

PHASE 2
 HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
 City of Tucker
 DeKalb County, GA

CLIENT/OWNER:
 City of Tucker
 1975 Lakeside Parkway
 Suite 350A
 Tucker, GA 30084



DATUM: HORIZ.: VERT.:

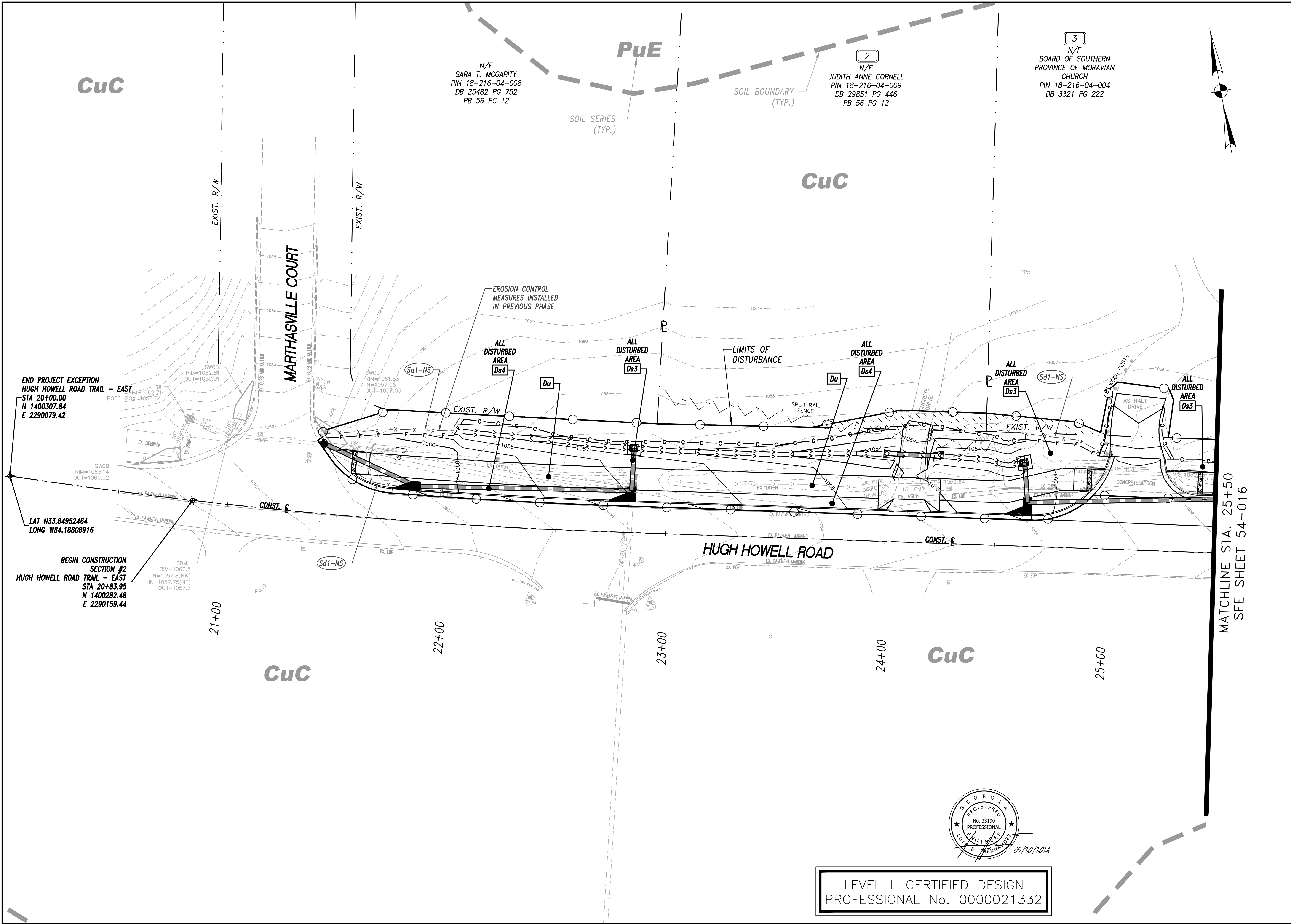
JOB NO: 30603.0000
 DATE: 08/15/23
 DRAWN: L.E.H.
 DESIGNED: L.E.H.
 REVIEWED:
 APPROVED:
 SCALE: 1" = 20'

LEVEL II CERTIFIED DESIGN
 PROFESSIONAL No. 0000021332



54-014

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NO.	REVISIONS	BY	DATE

NO.	REVISIONS	BY	DATE

NO.	REVISIONS	BY	DATE

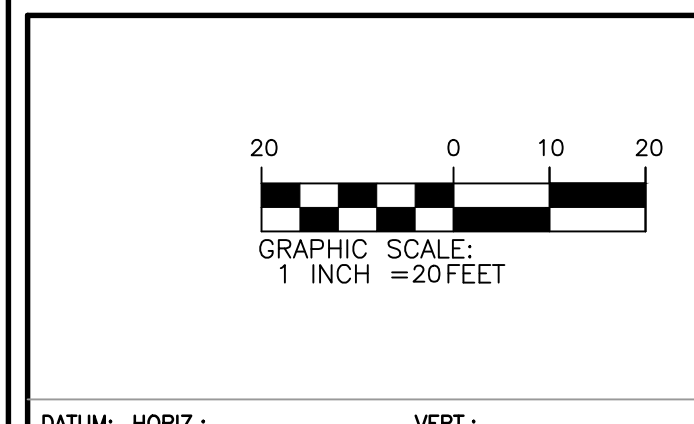
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 Buford, GA 30518 • 770-271-2868
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FINAL PHASE BMP LOCATION DETAILS - SECTION #2 (EAST)

**PHASE 2
 HUGH HOWELL ROAD TRAIL**

PROJECT LOCATION:
 City of Tucker
 DeKalb County, GA

CLIENT/OWNER:
 City of Tucker
 1975 Lakeside Parkway
 Suite 350A
 Tucker, GA 30084

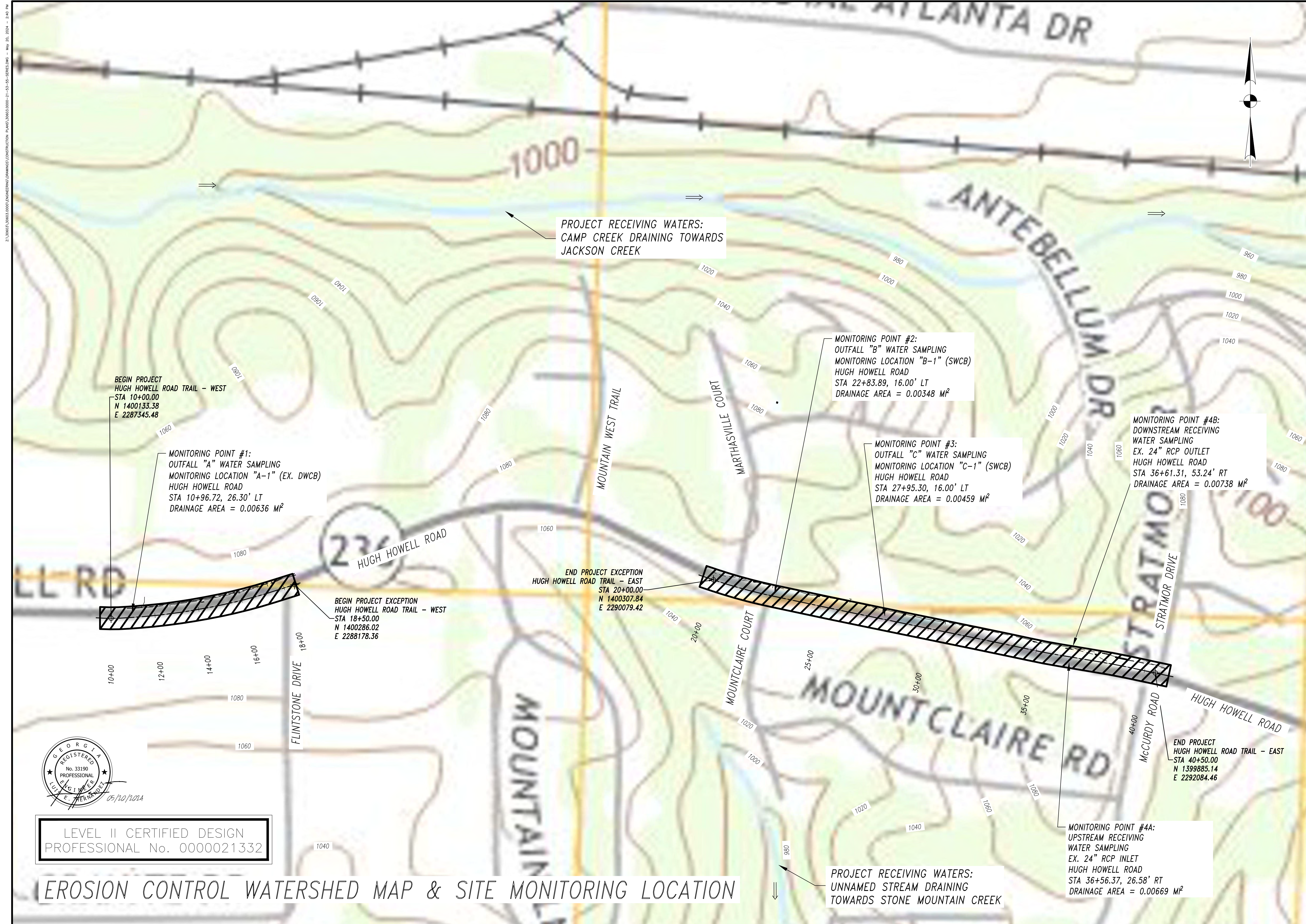


DATUM:	HORIZ.:	VERT.:
JOB NO.:	30603.0000	
DATE:	08/15/23	
DRAWN:	L.E.H.	
DESIGNED:	L.E.H.	
REVIEWED:		
APPROVED:		
SCALE:	1" = 20'	

**LEVEL II CERTIFIED DESIGN
 PROFESSIONAL No. 0000021332**



MATCHLINE STA. 25+50
 SEE SHEET 54-016



PROJECT RECEIVING WATERS:
CAMP CREEK DRAINING TOWARDS
JACKSON CREEK

MONITORING POINT #2:
OUTFALL "B" WATER SAMPLING
MONITORING LOCATION "B-1" (SWCB)
HUGH HOWELL ROAD
STA 22+83.89, 16.00' LT
DRAINAGE AREA = 0.00348 M²

MONITORING POINT #3:
OUTFALL "C" WATER SAMPLING
MONITORING LOCATION "C-1" (SWCB)
HUGH HOWELL ROAD
STA 27+95.30, 16.00' LT
DRAINAGE AREA = 0.00459 M²

MONITORING POINT #4B:
DOWNSTREAM RECEIVING
WATER SAMPLING
EX. 24" RCP OUTLET
HUGH HOWELL ROAD
STA 36+61.31, 53.24' RT
DRAINAGE AREA = 0.00738 M²

BEGIN PROJECT
HUGH HOWELL ROAD TRAIL - WEST
STA 10+00.00
N 1400133.38
E 2287345.48

MONITORING POINT #1:
OUTFALL "A" WATER SAMPLING
MONITORING LOCATION "A-1" (EX. DWCB)
HUGH HOWELL ROAD
STA 10+96.72, 26.30' LT
DRAINAGE AREA = 0.00636 M²

BEGIN PROJECT EXCEPTION
HUGH HOWELL ROAD TRAIL - WEST
STA 18+50.00
N 1400286.02
E 2288178.36

END PROJECT EXCEPTION
HUGH HOWELL ROAD TRAIL - EAST
STA 20+00.00
N 1400307.84
E 2290079.42

END PROJECT
HUGH HOWELL ROAD TRAIL - EAST
STA 40+50.00
N 1399885.14
E 2292084.46

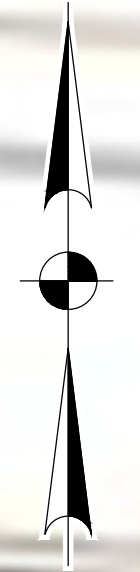
MONITORING POINT #4A:
UPSTREAM RECEIVING
WATER SAMPLING
EX. 24" RCP INLET
HUGH HOWELL ROAD
STA 36+56.37, 26.58' RT
DRAINAGE AREA = 0.00669 M²

PROJECT RECEIVING WATERS:
UNNAMED STREAM DRAINING
TOWARDS STONE MOUNTAIN CREEK



LEVEL II CERTIFIED DESIGN
PROFESSIONAL No. 0000021332

EROSION CONTROL WATERSHED MAP & SITE MONITORING LOCATION



NO.	REVISIONS	BY	DATE



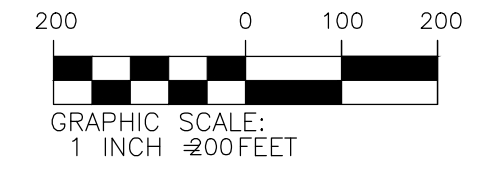
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Buford, GA 30518 • 770-271-2868
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EROSION CONTROL WATERSHED MAP & SITE MONITORING LOCATION

PHASE 2
HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

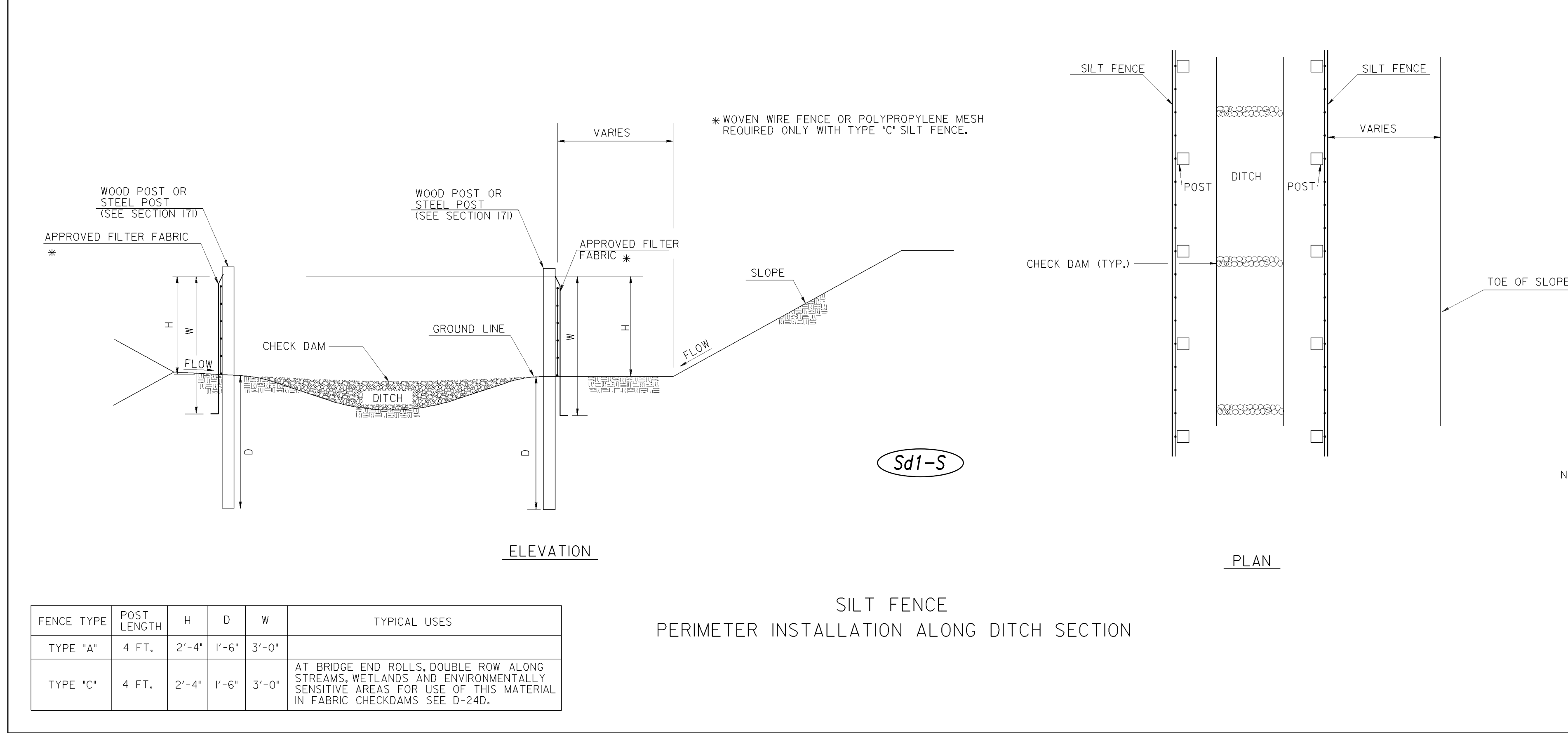
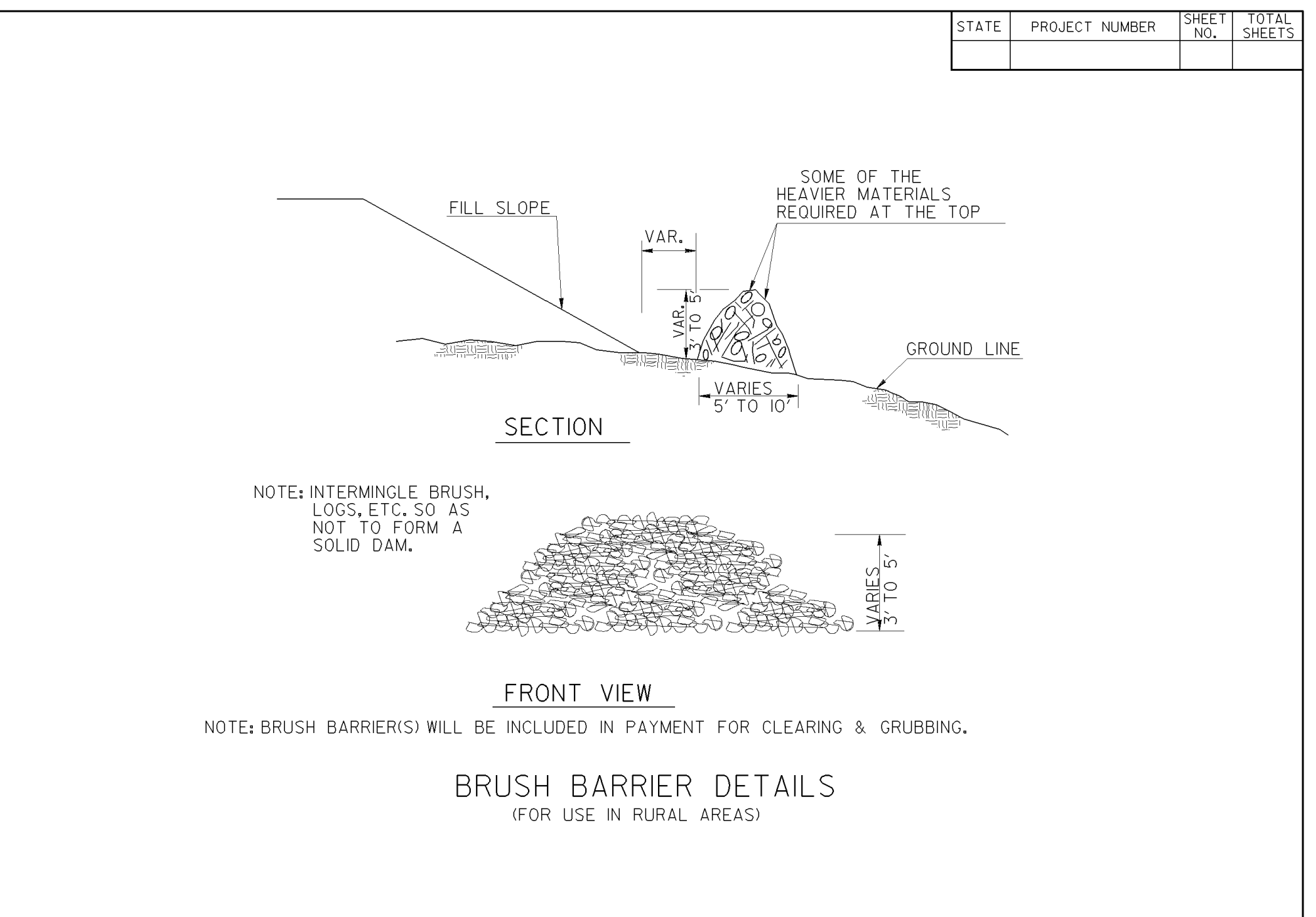
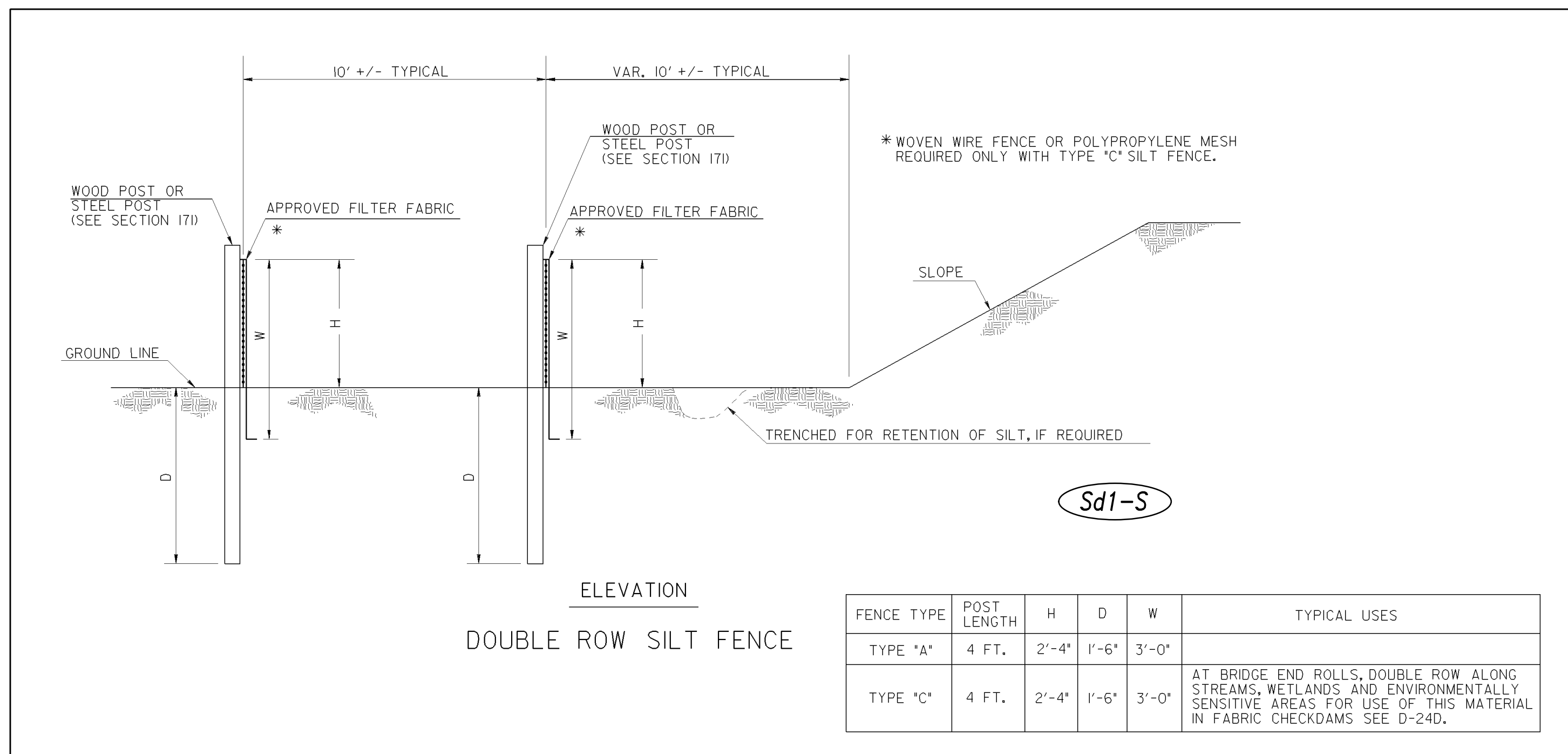


DATUM: HORIZ.: VERT.:

JOB NO: 30603.0000
DATE: 08/15/23
DRAWN:
DESIGNED:
REVIEWED:
APPROVED:

55-001

SCALE: 1" = 200'



NOTE: TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
REVISION	CONSTRUCTION DETAILS TEMPORARY SILT FENCE BERM DITCH, INSTALLATION, BRUSH BARRIER
BY	NO SCALE REV. AND REDRAWN JAN. 2011
	NUMBER D-24B (SHEET 2 OF 4)

LEVEL II CERTIFIED DESIGN
PROFESSIONAL No. 0000021332



STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS

NO.	REVISIONS	BY	DATE

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EROSION CONTROL DETAILS

PHASE 2
HUGH HOWELL ROAD TRAIL

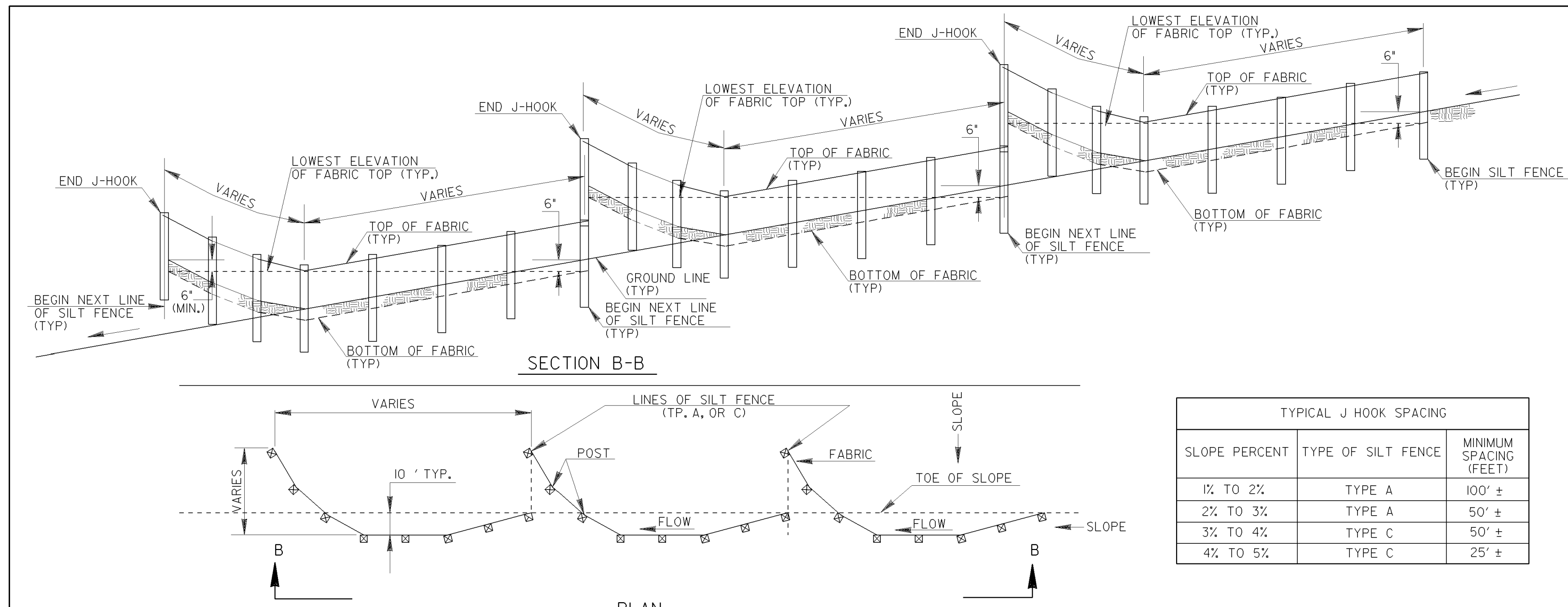
PROJECT LOCATION:
City of Tucker
DeKalb County, GA

CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

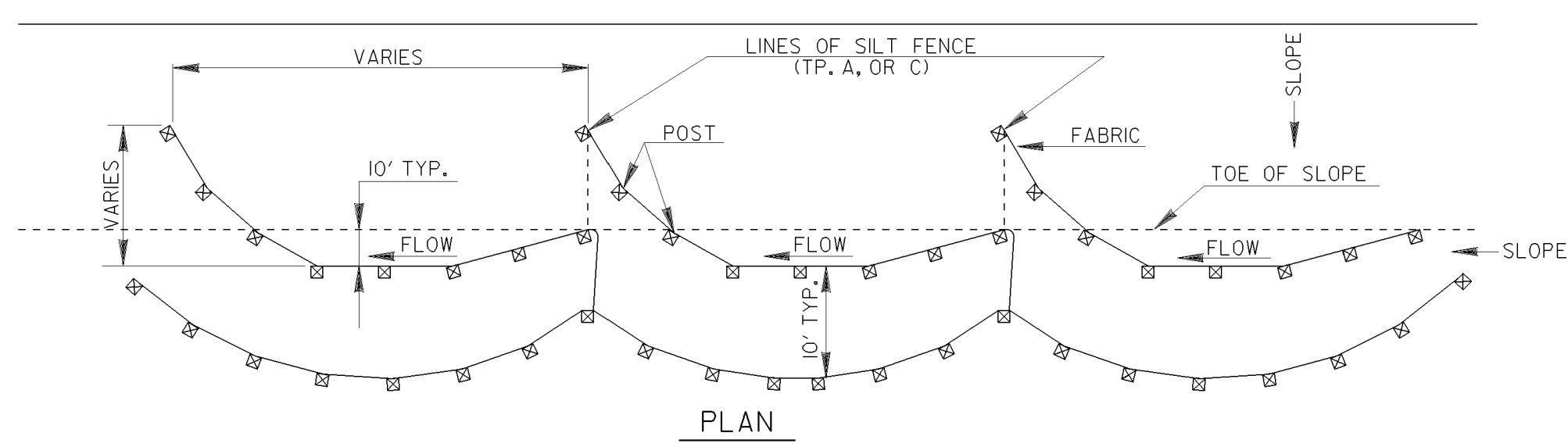
DATUM: HORIZ.:	VERT.:
JOB NO: 30603.0000	DATE: 08/15/23
DRAWN: L.E.H.	DESIGNED: L.E.H.
REVIEWED:	APPROVED:
SCALE: N.T.S.	56-003

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1/18/2011 2:06:33 PM \\GDOT-DSN1\G0PLOT\QCF\00_K1p8000.qcf gowens V:\GARY\Rev. Construction Details\D-24C\D-24C.dwg 00-R06



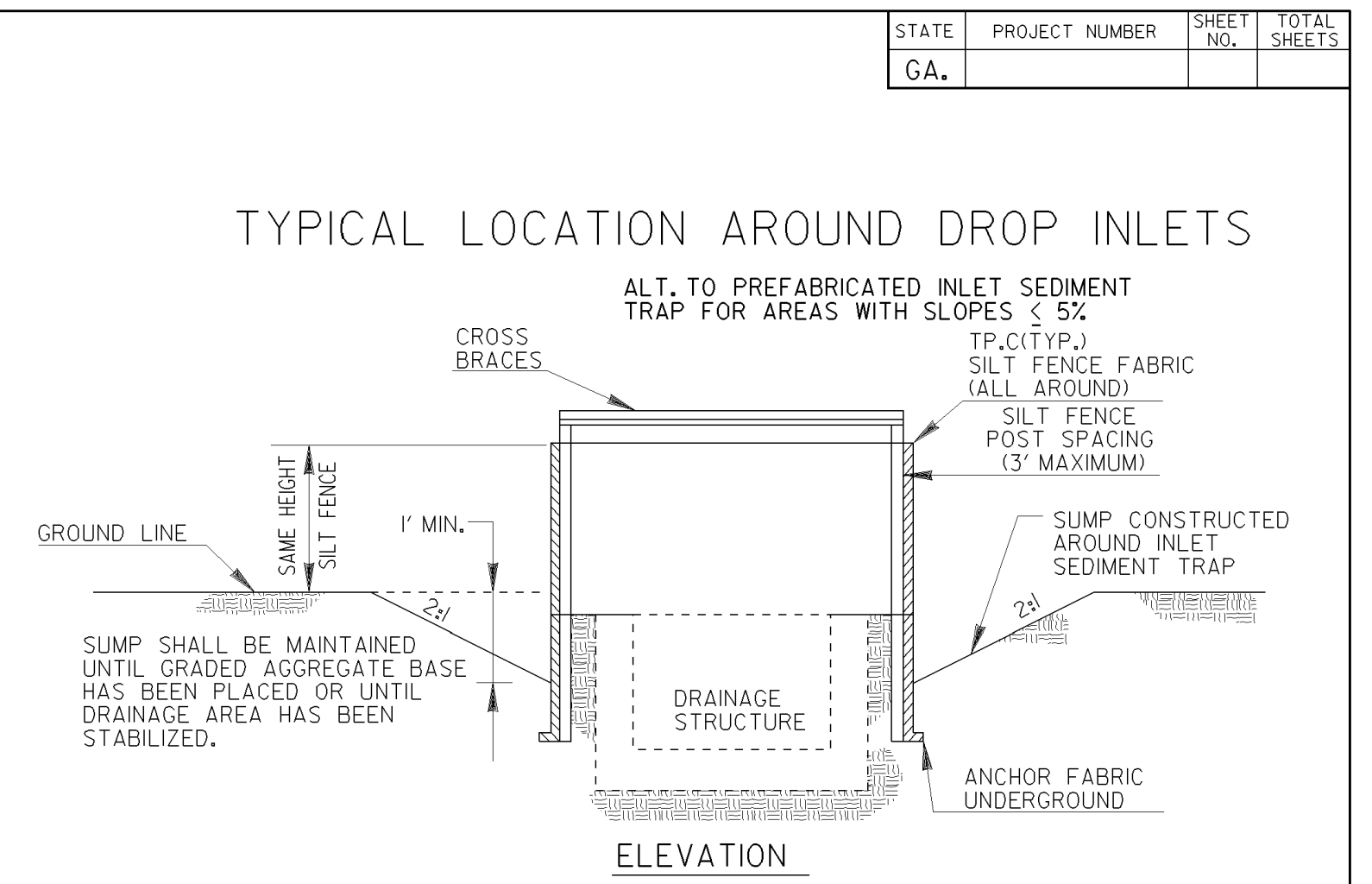
SECTION B-B
PLAN
SINGLE ROW SILT FENCE



PLAN
DOUBLE ROW SILT FENCE

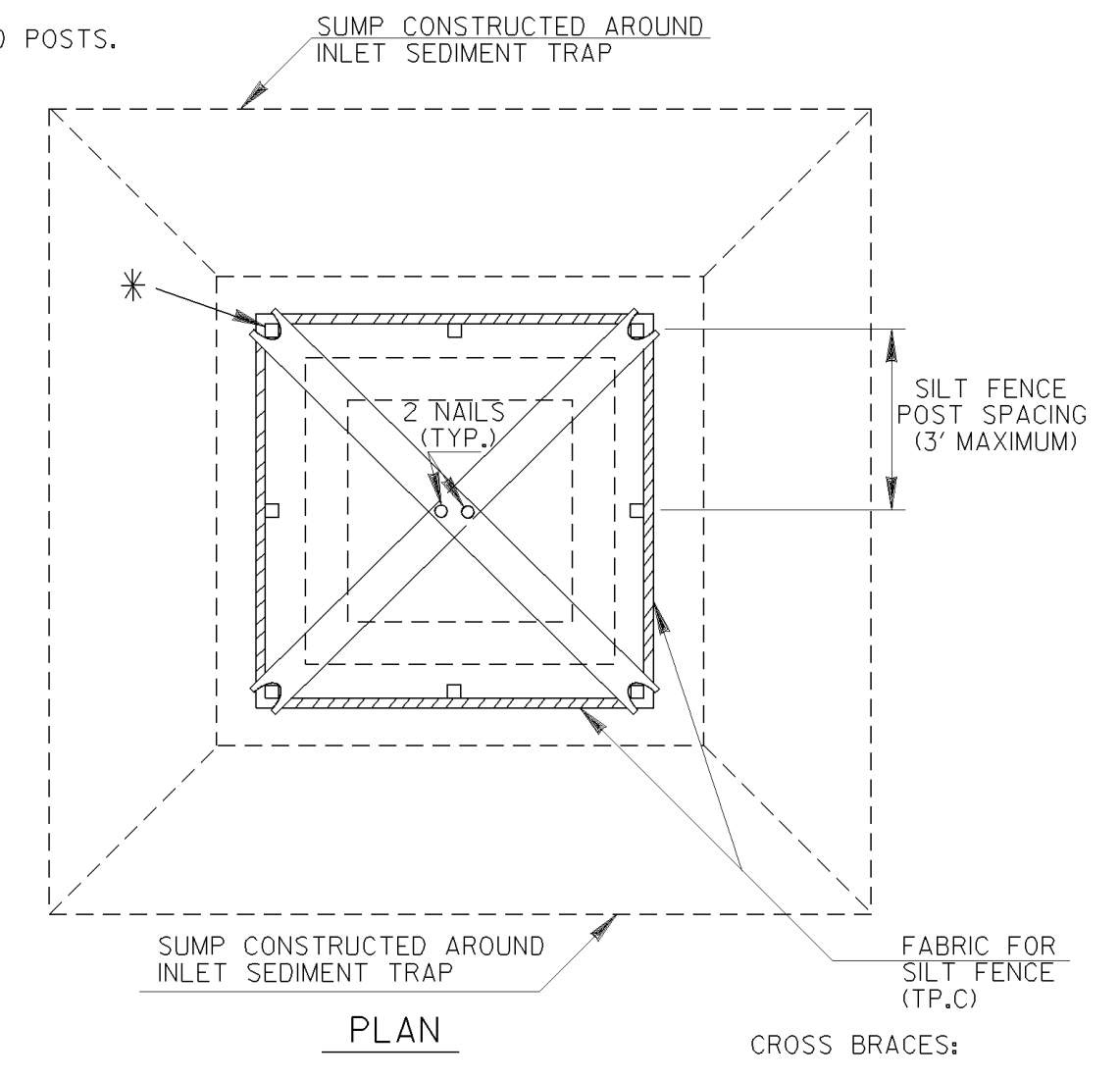
TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A	100' ±
2% TO 3%	TYPE A	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

NOTE:
1. IF THE GRADE IS BETWEEN 0 TO 1 PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.
2. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.



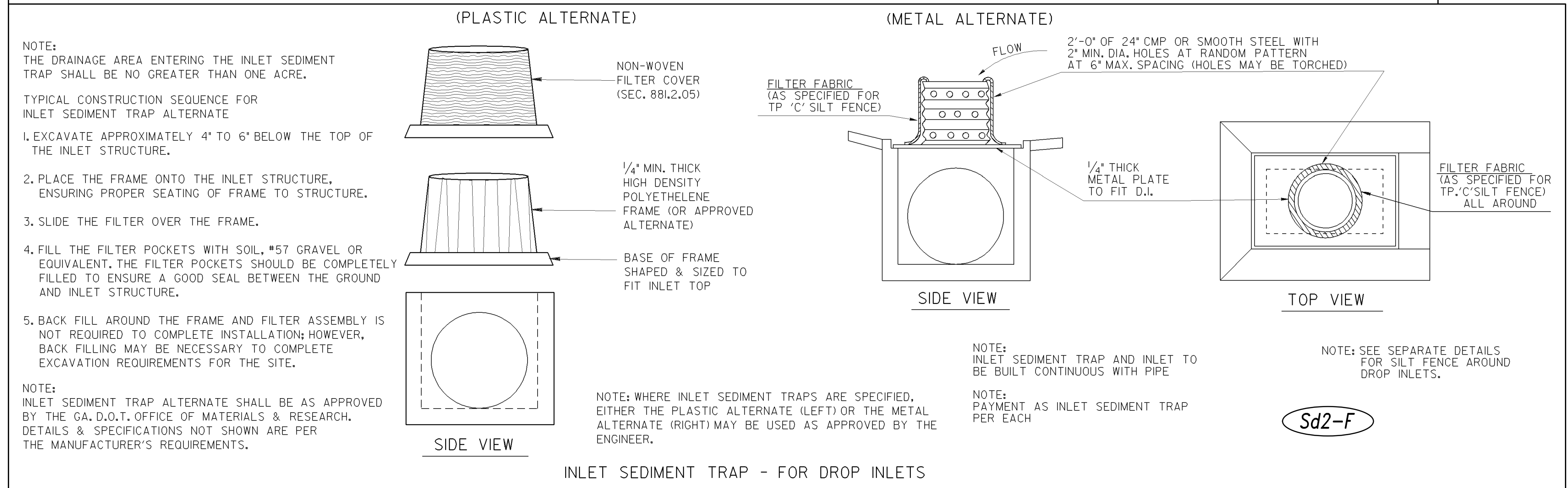
ELEVATION

* CROSS BRACING REQUIRED WHEN USING ALTERNATE TYPE C PRODUCTS WHICH USE WOOD POSTS.



PLAN

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH.
NOTE:
SEE SEPARATE SHEET ENTITLED 'TEMPORARY SILT FENCE DETAILS' FOR SILT FENCE ERECTION DETAILS.



INLET SEDIMENT TRAP - FOR DROP INLETS

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS TEMPORARY SILT FENCE J-HOOK, INLET SEDIMENT TRAPS	
BY		NO SCALE	
		JANUARY 2011	
		NUMBER D-24C (SHEET 3 OF 4)	

1/18/2011 2:06:33 PM \\GDOT-DSN1\G0PLOT\QCF\00_K1p8000.qcf gowens V:\GARY\Rev. Construction Details\D-24C\D-24C.dwg 00-R06

LEVEL II CERTIFIED DESIGN
PROFESSIONAL No. 0000021332



STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

NO.	REVISIONS	BY	DATE

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5074 Bristol Industrial Way • Suite A
Buford, GA 30518 • 770-271-2868
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EROSION CONTROL DETAILS
PHASE 2
HUGH HOWELL ROAD TRAIL
PROJECT LOCATION:
City of Tucker
DeKalb County, GA
CLIENT/OWNER:
City of Tucker
1975 Lakeside Parkway
Suite 350A
Tucker, GA 30084

DATUM: HORIZ.:	VERT.:
JOB NO: 30603.0000	DATE: 08/15/23
DRAWN: L.E.H.	DESIGNED: L.E.H.
REVIEWED:	APPROVED:
SCALE: N.T.S.	

56-004