# 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:		3
ADDRESS:		
CITY:	STATE:ZIP:	
PHONE:	FAX:	
EMAIL ADDRESS:		<u>//</u>
10.		
SIGNATURE	DATE	
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# ITB 2024-012 ADDENDUM #2

### This addendum contains the following:

- Scope Changes
  - o 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
  - o This is a requirement for bid submittal and shall replace the Exhibit B Cost Proposal in the original Bid Manual.
  - o 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:
  - o 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.

## 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		
			Se	ection Sub Total:	
		DAINIAGE			

### **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		
			Se	ction 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		
		•	Se	ection 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	МО	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

					UCTION
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		
			So	ection Sub Total:	
	LAN	NDSCAPIN	G ITEMS		
Item Number	Item Description	Units	Quantity	Unit Price	Cost
999-2015	CONSTRUCTION COMPLETE - LANDSCAPING	LS	1		
			Section Sub Total:		
	ABOVE GROU	JND UTILI	TY ADJUSTMEN	NTS	L
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		
611-8120 611-8140	ADJUST TO GRADE WATER METER ADJUST TO GRADE WATER VALVE	EA EA	3		
611-8140	ADJUST TO GRADE WATER VALVE	EA	3		
611-8140 670-2002	ADJUST TO GRADE WATER VALVE  VALVE MARKER	EA EA	3 4		
611-8140 670-2002 670-9710	ADJUST TO GRADE WATER VALVE  VALVE MARKER  FIRE HYDRANT RELOCATION	EA EA	3 4 1		
611-8140 670-2002 670-9710 670-9730	ADJUST TO GRADE WATER VALVE  VALVE MARKER  FIRE HYDRANT RELOCATION  WATER METER RELOCATION	EA EA EA	3 4 1 2	ection Sub Total:	

Company Name:		
Address:		
Contact Person:		
Phone Number:		
Email Address:		
Signature:		

<sup>\*</sup>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.



# CONSTRUCTION PLANS FOR HUGH HOWELL ROAD TRAIL PHASE 2 CITY OF TUCKER

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

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

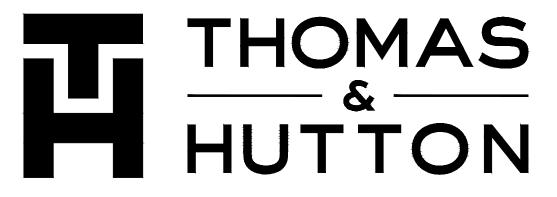
THE SOURCE OF TOPOGRAPHY IS FIELD RUN TOPOGRAPHIC SURVEY AND THE REFERENCE HORIZONTAL DATUM IS NAD83 GEORGIA STATE PLANES WEST ZONE. THE REFERENCE VERTICAL DATUM IS NAVD88.

PREPARED FOR:
CITY OF TUCKER

1975 LAKESIDE PARKWAY
SUITE 350A
TUCKER, GA 30084

J-30603.0000

PREPARED BY:

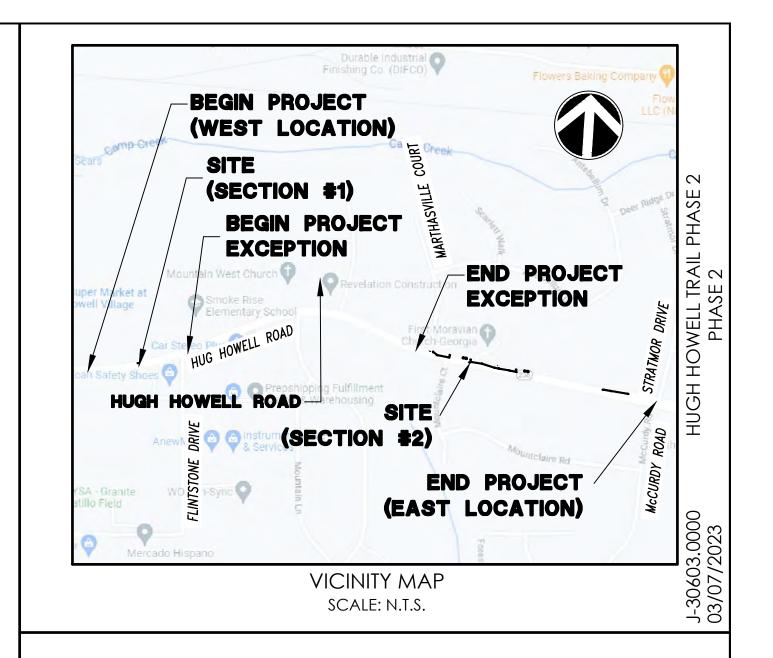




CITY OF TUCKER
ENGINEERING CONTACT:

Mr. KEN HILDEBRANDT, PE, PTOE
CITY ENGINEER
4228 FIRST AVENUE
TUCKER, GA 30084
(770) 865-5645

KHILDEBRANDT@TUCKERGA.GOV



INDEX	
DESCRIPTION	DRAWING NO.
COVER SHEET	01-001
LEGEND	03-001
PROJECT MAP AND GENERAL NOTES	04-001
TYPICAL SECTIONS	05-001
MAINLINE PLANS	13-001 TO 13-006
DRIVEWAY PROFILES	17-001 TO 17-002
DRAINAGE MAP	21-001
DRAINAGE PROFILES	22-001 TO 22-002
CROSS SECTIONS	23-001 TO 23-014
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RETAINING WALL ENVELOPE	31-001 TO 31-003
ESPC GENERAL NOTES	51-001 TO 51-002
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INITIAL PHASE BMP LOCATION DETAILS	54-001 TO 54-006
INTERMEDIATE PHASE BMP LOCATION DETAILS	54-007 TO 54-012
FINAL PHASE BMP LOCATION DETAILS	54-013 TO 54-018
EROSION CONTROL WATERSHED MAP & SITE MONITORING	55-001
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	REVISION DATES					
1	REVISION #01: REVISED SHEETS #01-001,03-002,04-001,05-001,13-001,	L.H.	05/20/2024			
	13-003,13-004,13-005,17-001,17-002,21-001,22-001, 22-002, & 24-003.					
REV. NO.	REVISION	BY	DATE			





611 Burroughs & Chapin Blvd. • Suite 202 Myrtle Beach, SC 29577 p.843.839.3545 www.thomasandhutton.com

# UTILITY LEGEND

EXISTING WATER LINE

PROPOSED WATER LINE

TEMPORARY WATER LINE

EXISTING WATER METER

PROPOSED WATER METER

EXISTING FIRE HYDRANT

EXISTING WATER VALVE
PROPOSED WATER VALVE

EXISTING GAS LINE

PROPOSED GAS LINE

TEMPORARY GAS LINE

EXISTING GAS METER PROPOSED GAS METER

EXISTING GAS VALVE

PROPOSED GAS VALVE

EXISTING GAS LINE CASING

EXISTING SANITARY SEWER

PROPOSED SANITARY SEWER
TEMPORARY SANITARY SEWER

EXISTING SANITARY SEWER MANHOLE

PROPOSED SANITARY SEWER MANHOLE

PROPOSED GAS LINE CASING

EXISTING SANITARY SEWER TO BE REMOVED

PROPOSED FIRE HYDRANT

EXISTING WATER LINE CASING

PROPOSED WATER LINE CASING

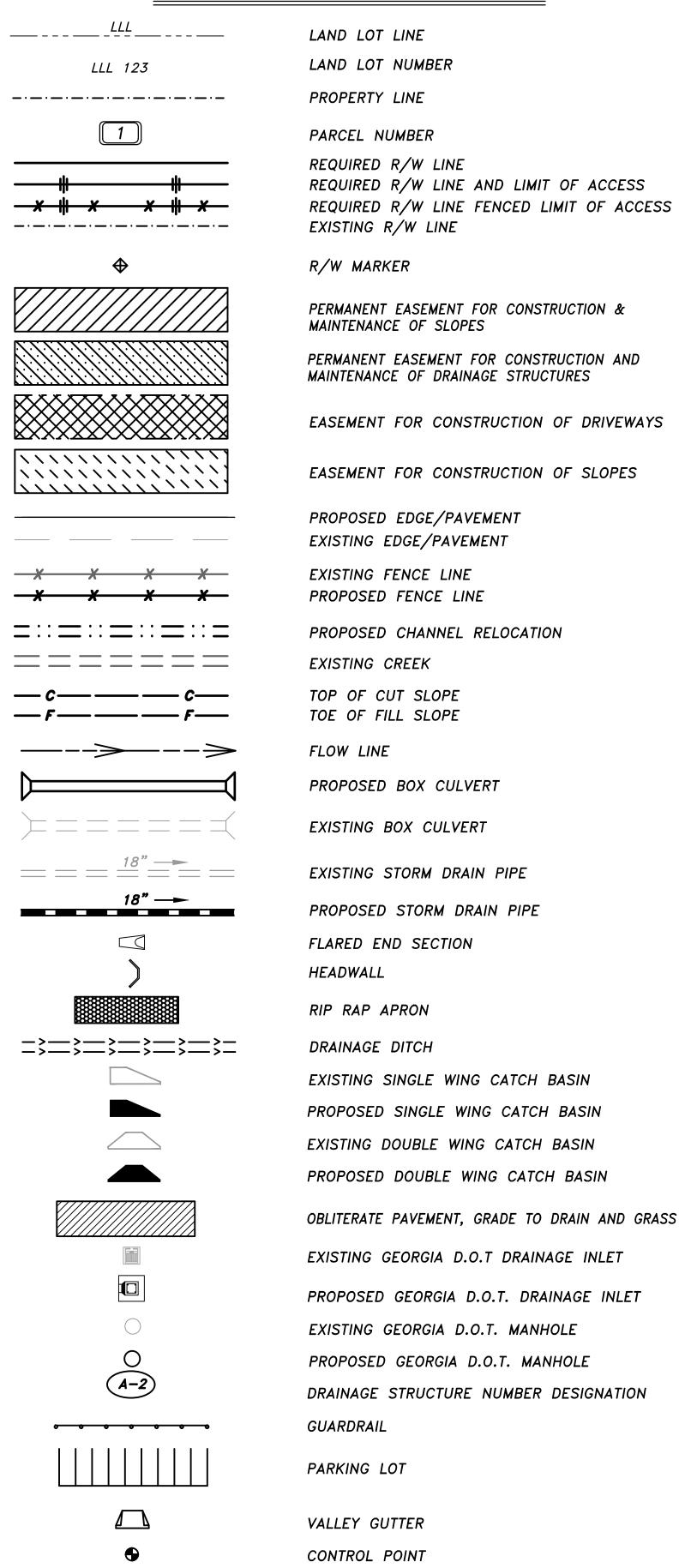
EXISTING GAS LINE TO BE REMOVED

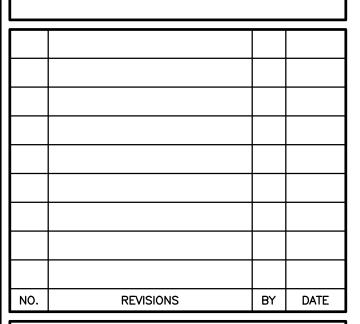
EXISTING WATER LINE TO BE REMOVED

# UTILITY LEGEND (CONT.)

— -×	EXISTING ELECTRIC POWER OVERHEAD EXISTING ELECTRIC POWER OVERHEAD TO BE REMOVED PROPOSED ELECTRIC POWER OVERHEAD TEMPORARY ELECTRIC POWER OVERHEAD
$- \times -E - \times -E - \times -E - \times -$	EXISTING ELECTRIC POWER UNDERGROUND EXISTING ELECTRIC POWER UNDERGROUND TO BE REMOVED PROPOSED ELECTRIC POWER UNDERGROUND
<b>↔ →</b>	EXISTING ELECTRIC POWER POLE PROPOSED ELECTRIC POWER POLE TEMPORARY ELECTRIC POWER POLE
	EXISTING GUY ANCHOR PROPOSED GUY ANCHOR TEMPORARY GUY ANCHOR
	EXISTING TELEPHONE OVERHEAD TO BE REMOVED
— <del>*</del> — • — <del>*</del> — • — <del>*</del> — • — • — • • • • • • • • • • • • • •	EXISTING TELEPHONE UNDERGROUND EXISTING TELEPHONE UNDERGROUND TO BE REMOVED PROPOSED TELEPHONE UNDERGROUND
→	EXISTING TELEPHONE POLE PROPOSED TELEPHONE POLE TEMPORARY TELEPHONE POLE
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# ROADWAY CONSTRUCTION LEGEND







Buford, GA 30518 • 770-271-2868

www.thomasandhutton.com

PHASE 2
HUGH HOWELL ROAD TRAIL

LEGEND

PROJECT LOCATION:

CLIENT/OWNER:

City of Tucker Dekalb County, GA

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

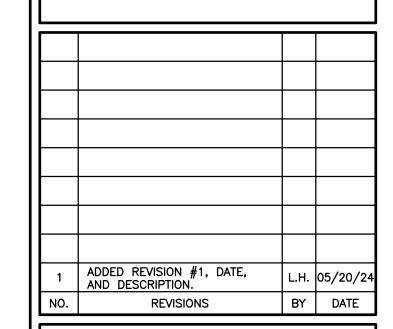
DATUM: HORIZ.:

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

03-00

		REVISION SUMMARY
REVISION DATE	REVISED SHEET NO.	REVISION
CONSTRUCT	TION PLAN -	REVISION #1
05/20/24	01-001	COVER SHEET: ADDED REVISION #, SHEET NUMBERS, AND DATE TO THE REVISION BLOCK.
05/20/24	03-002	ADDED REVISION SUMMARY SHEET. ADDED REVISION #1 DATE, REVISED SHEET No., AND DESCRIPTION.
5/20/24	04-001	REVISED NOTE(S) 6. AND 27. DELETED NOTE #16.
5/20/24	05-001	REVISED TYPICAL SECTION(S) #2 AND #3 STATIONING. REVISED HANDRAIL DETAIL NOTES.
5/20/24	13-001	REVISED "REMOVE AND RESET EX. ROADWAY SIGNS CHART" TO "REQUIRED SPECIAL SIGN CHART". ADDED PAVEMENT MARKING REMOVAL NOTE.
( (- :		REVISED CROSSWALK LAYOUT AND LABEL (DESCRIPTION), DRIVEWAY STA 11+83, LT.
5/20/24	13-003	ADDED PAVEMENT MARKING REMOVAL NOTE. ADDED DRIVEWAY HUGH HOWELL ROAD STA 25+13.67, LT. REVISED CROSSWALK LAYOUT AND LABEL (DESCRIPTION), DRIVEWAY STA 25+13, LT. ADDED EXISTING PIPE(S) AND DRAINAGE STRUCTURES REMOVAL NOTES.
5/20/24	13-004	LABELED "CONCRETE AREA" IN BETWEEN CURB AND GUTTER AND FRONT EDGE OF SIDEWALK FROM STA 25+88.47 TO 25+99.00, LT.
5/20/24	13-005	ADDED AND LABELED ADDITIONAL PORTION OF HANDRAIL AT BEGIN OF GRAVITY WALL #2, ±STA 35+90, LT.
5/20/24	17-001	REVISED VERTICAL ALIGNMENT OF DRIVEWAY: STA 27+74, LEOP-EAST.
5/20/24	17-002	REVISED VERTICAL ALIGNMENT DRIVEWAY(S): STA 34+30, STA 35+72, STA 38+51 LEOP-EAST. ADDED DRIVEWAY STA 25+13, LEOP-EAST.
5/20/24	21-001	ADDED "GUTTER SPREAD" INFORMATION TO PIPE CHART.
05/20/24	22-001	REVISED DRAINAGE PROFILE(S): DROP INLET STD. 9031S TO READ "WEIR" ELEVATIONS: STORM B1: STRUCT. "B-1.1", STORM C: STRUCT. "C4-1".
5/20/24	22-002	REVISED DRAINAGE PROFILE: DROP INLET STD. 9031S TO READ "WEIR" ELEVATION: STORM C1: STRUCT. "C-1.1.A".
5/20/24	24-003	ADDED DRIVEWAY HUGH HOWELL ROAD STA 25+13.67, LT.

	REVISION SUMMARY								
REVISION DATE	REVISED SHEET NO.	REVISION							
	1	$\mathbf{I}$							





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REVISION SUMMARY

PHASE 2 HUGH HOWELL ROAD TRAIL

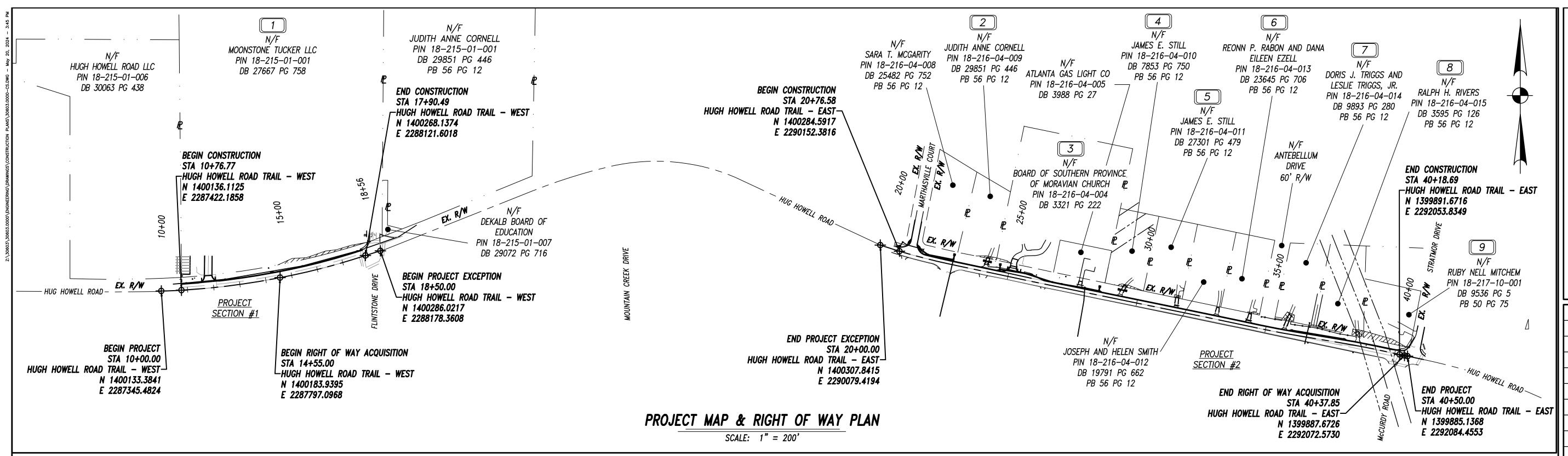
PROJECT LOCATION:
City of Tucker
Dekalb County, GA

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

DATUM: HORIZ.:

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

03-002



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		

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF TUCKER AND GEORGIA DEPARTMENT OF TRANSPORTATION (GADOT) STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.
- 2. ALL TRAILS AND TRAIL RAMPS TO BE IN ACCORDANCE WITH "ADA" STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
- 3. 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.
- 4. THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECTED 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.
- 5. INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE STANDARD SPECIFICATIONS.
- 6. 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.
- 7. 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.
- 8. 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.
- 11. 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 SAWED ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE A PAVEMENT REMOVAL TO A NEAT LINE. THE COST FOR SAWED JOINTS, WHEN REQUIRED, SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE, EXCEPT WHEN SAWING P.C.C. CONCRETE PAVEMENT.
- 12. 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.
- 14. 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.
- 15. 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
- 16. 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.
- 17. 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.
- 18. TEMPORARY EROSION CONTROL QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.
- 19. 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.
- 20. 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.
- 22. 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.
- 23. 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.
- 24. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.
- 25. 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.
- 26. 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.

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S T O R M D R A I N	RAVEL	NIDE METO)	INTERSTATE	X										
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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.



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REVISED NOTES #6 AND #27.

REVISIONS

DELETED NOTE #16.

L.H. 05/20/24

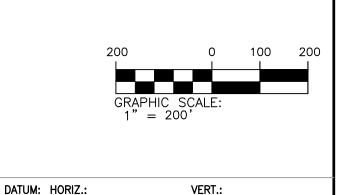
BY DATE

PROJECT MAP & GENERAL NOTES

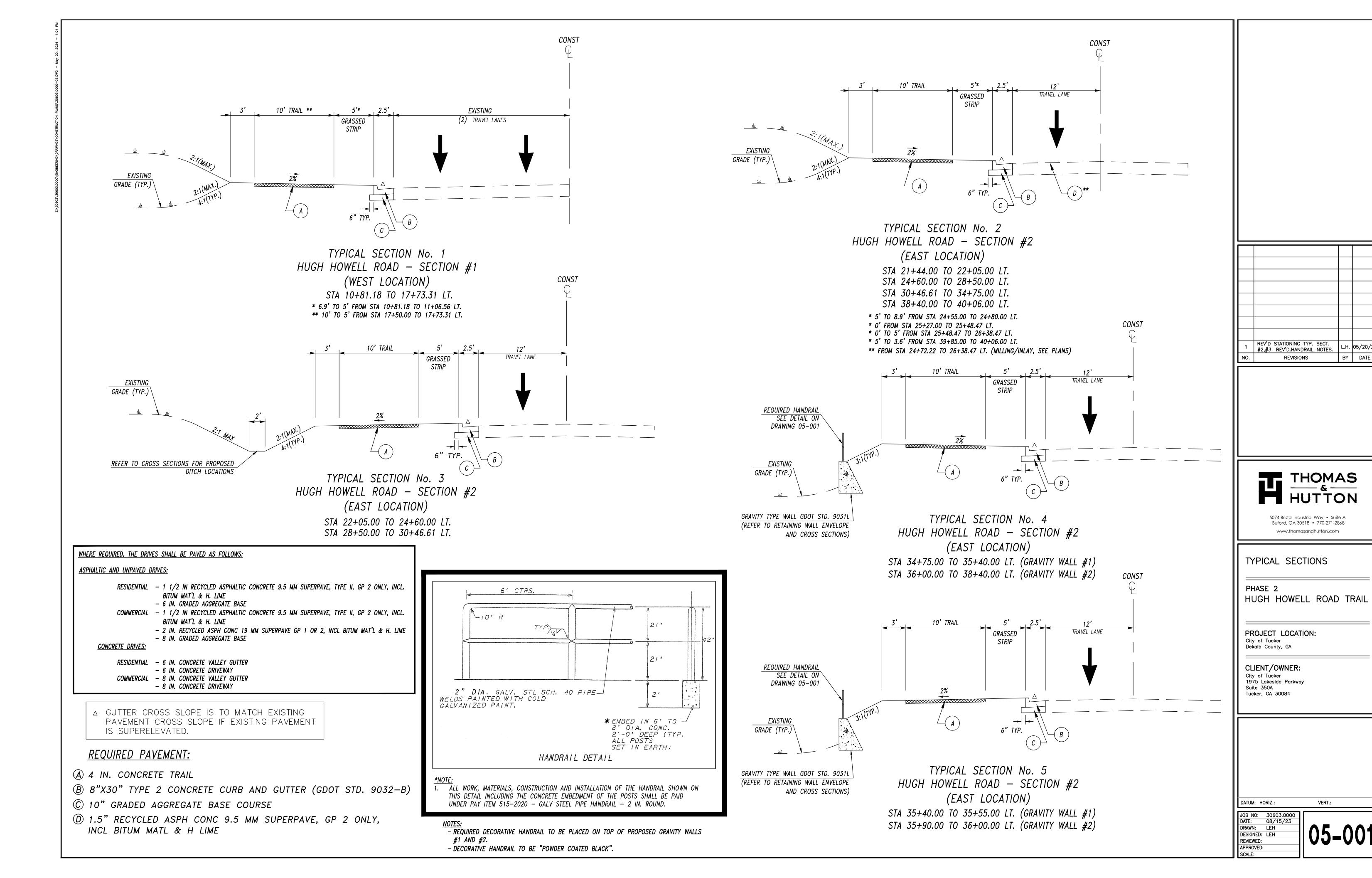
PHASE 2 HUGH HOWELL ROAD TRAIL

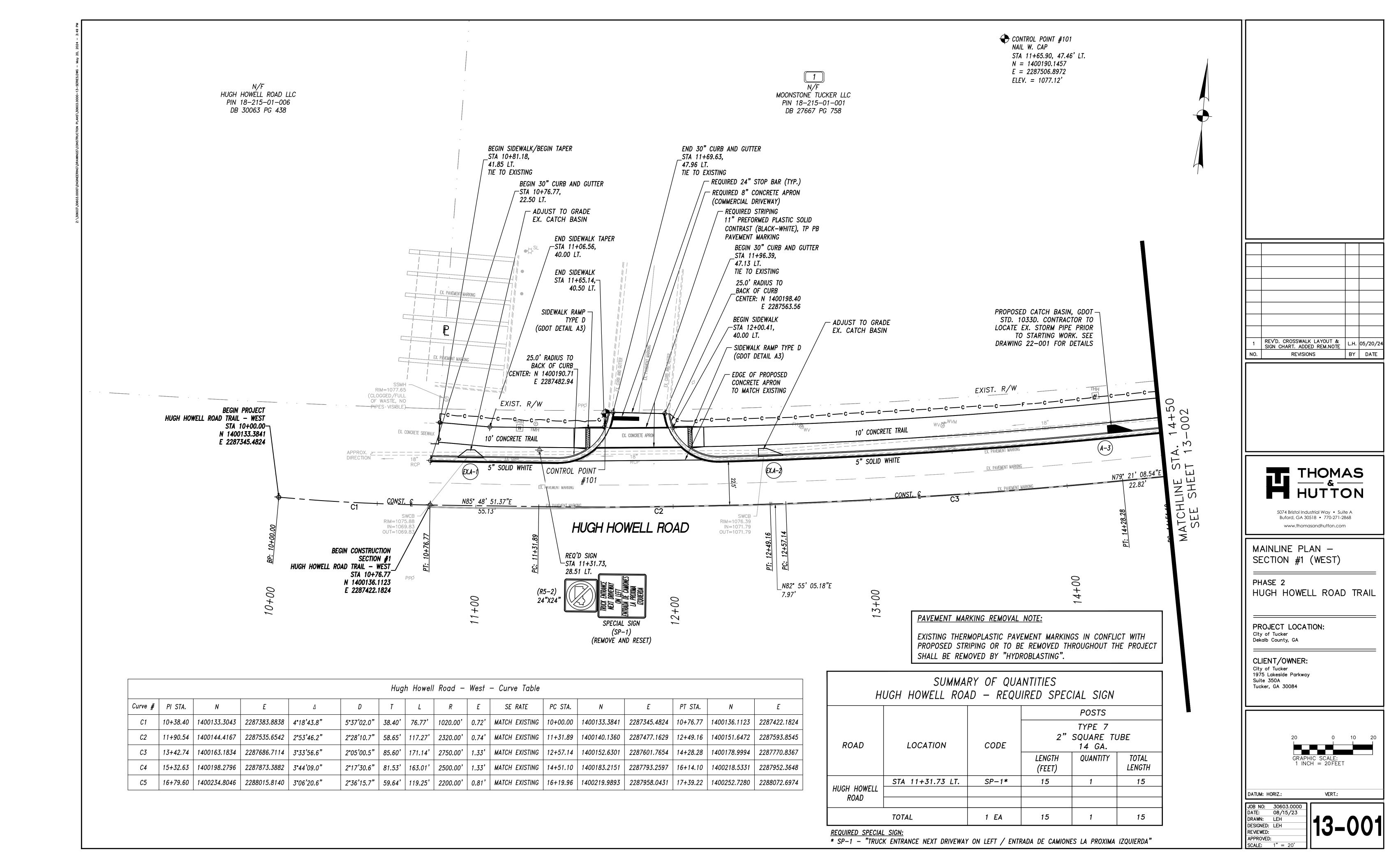
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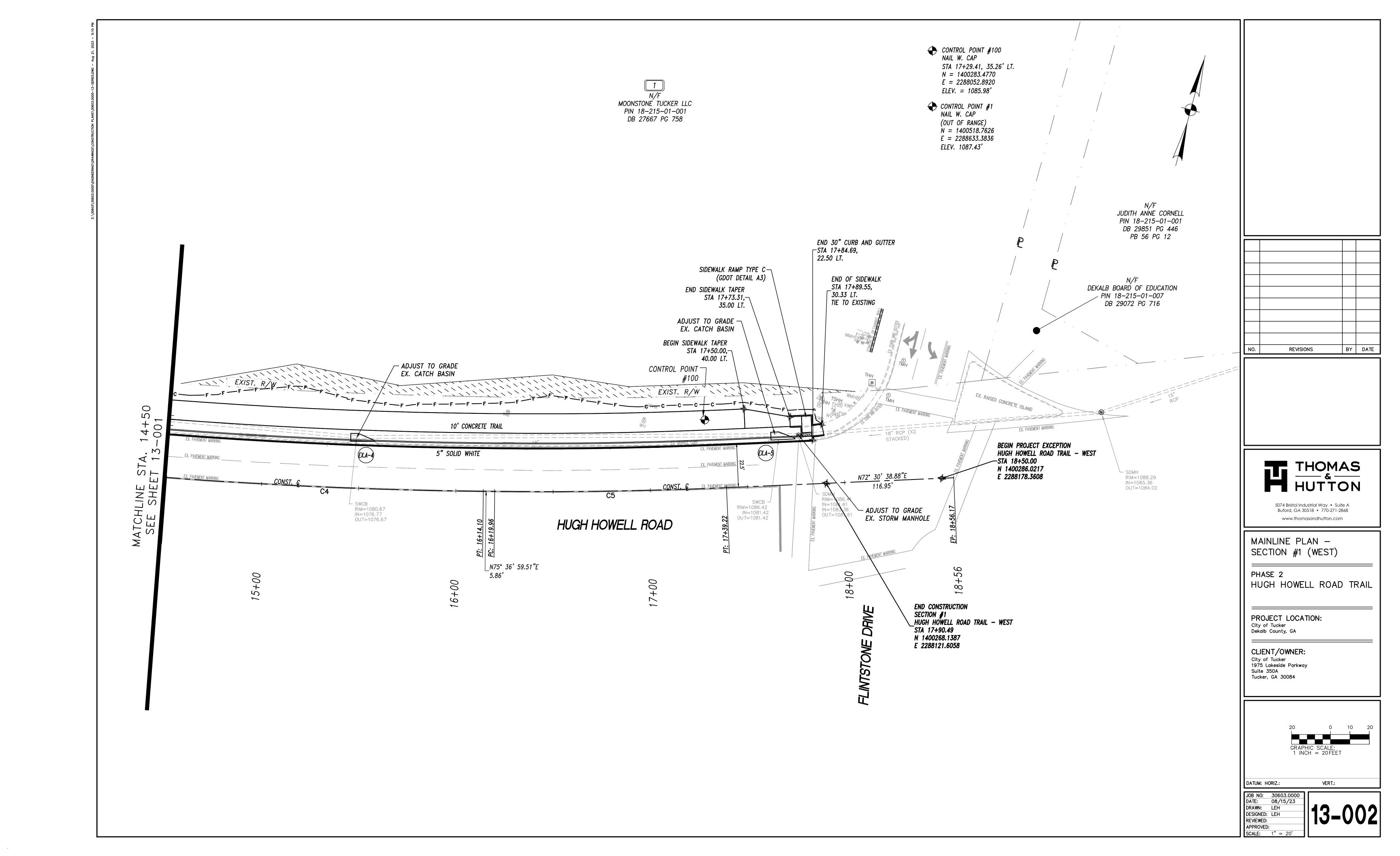
CLIENT/OWNER: City of Tucker 1975 Lakeside Parkway Suite 350A Tucker, GA 30084

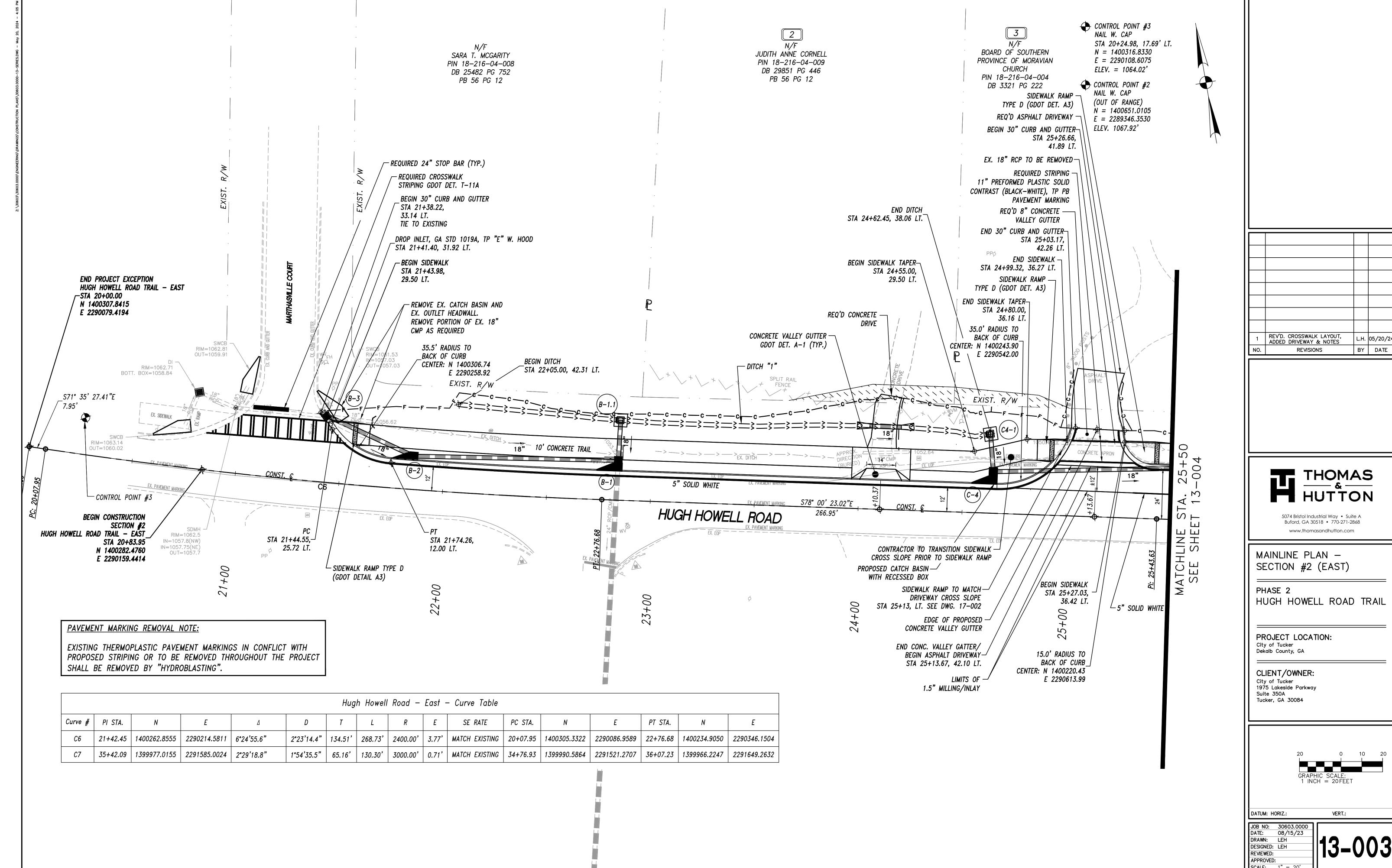


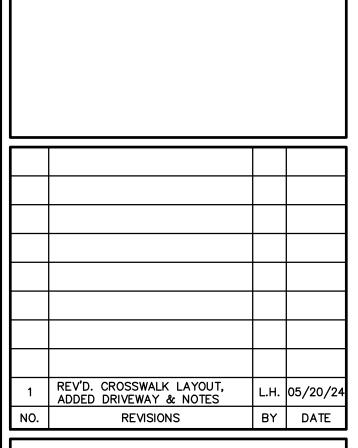
JOB NO: 30603.0000 DATE: 08/15/23 DRAWN: L.E.H. DESIGNED: L.E.H. REVIEWED: APPROVED: SCALE:

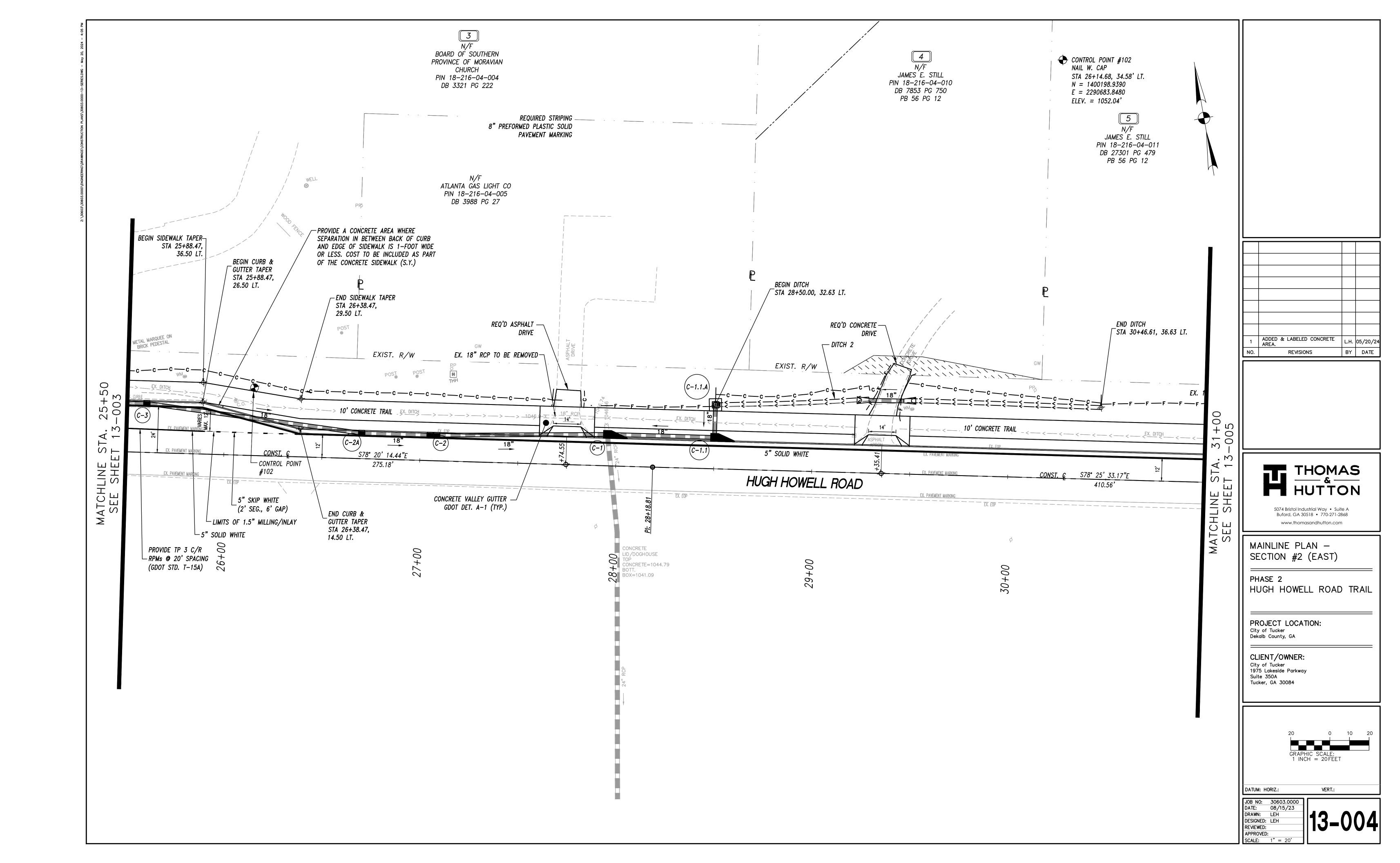


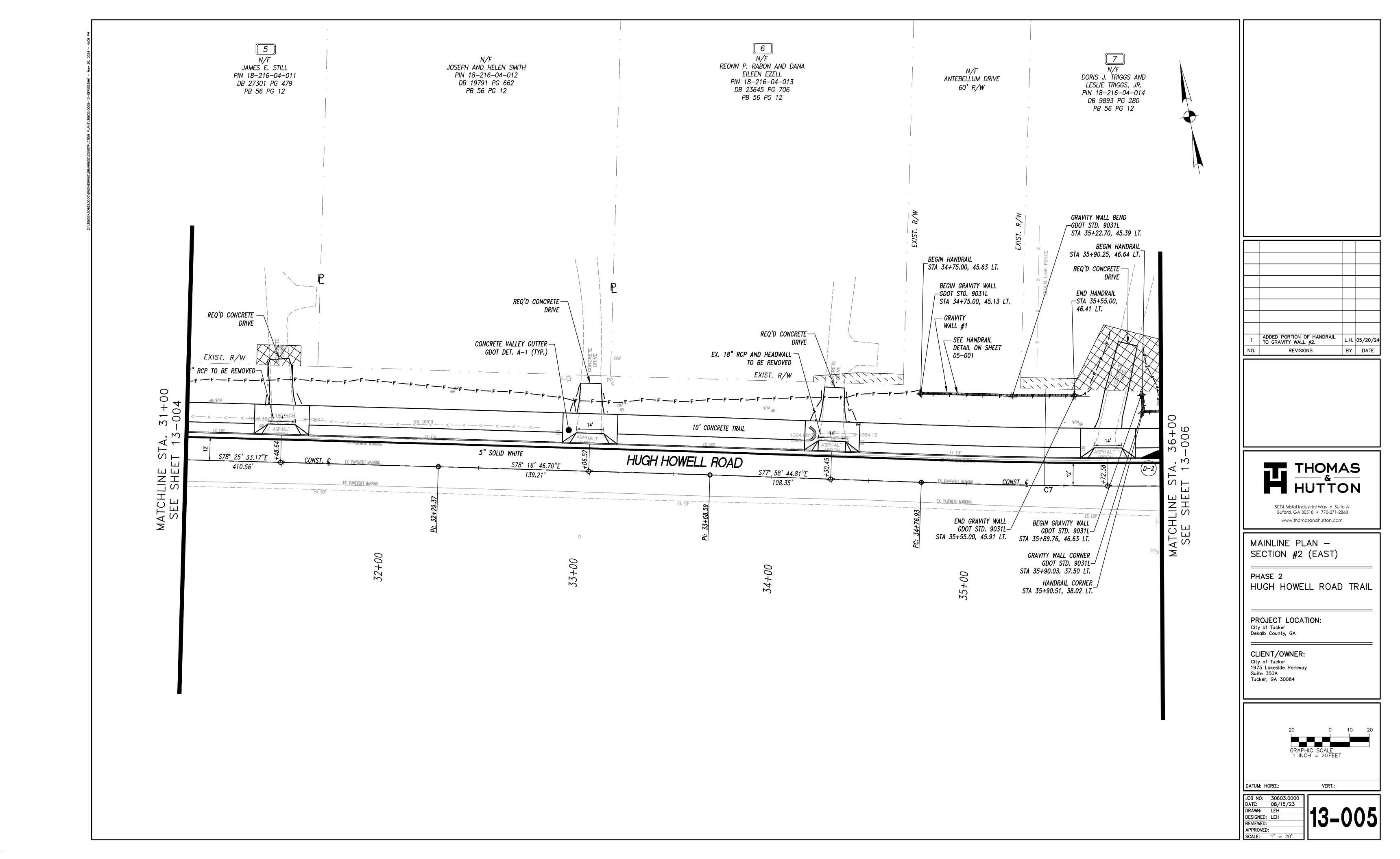


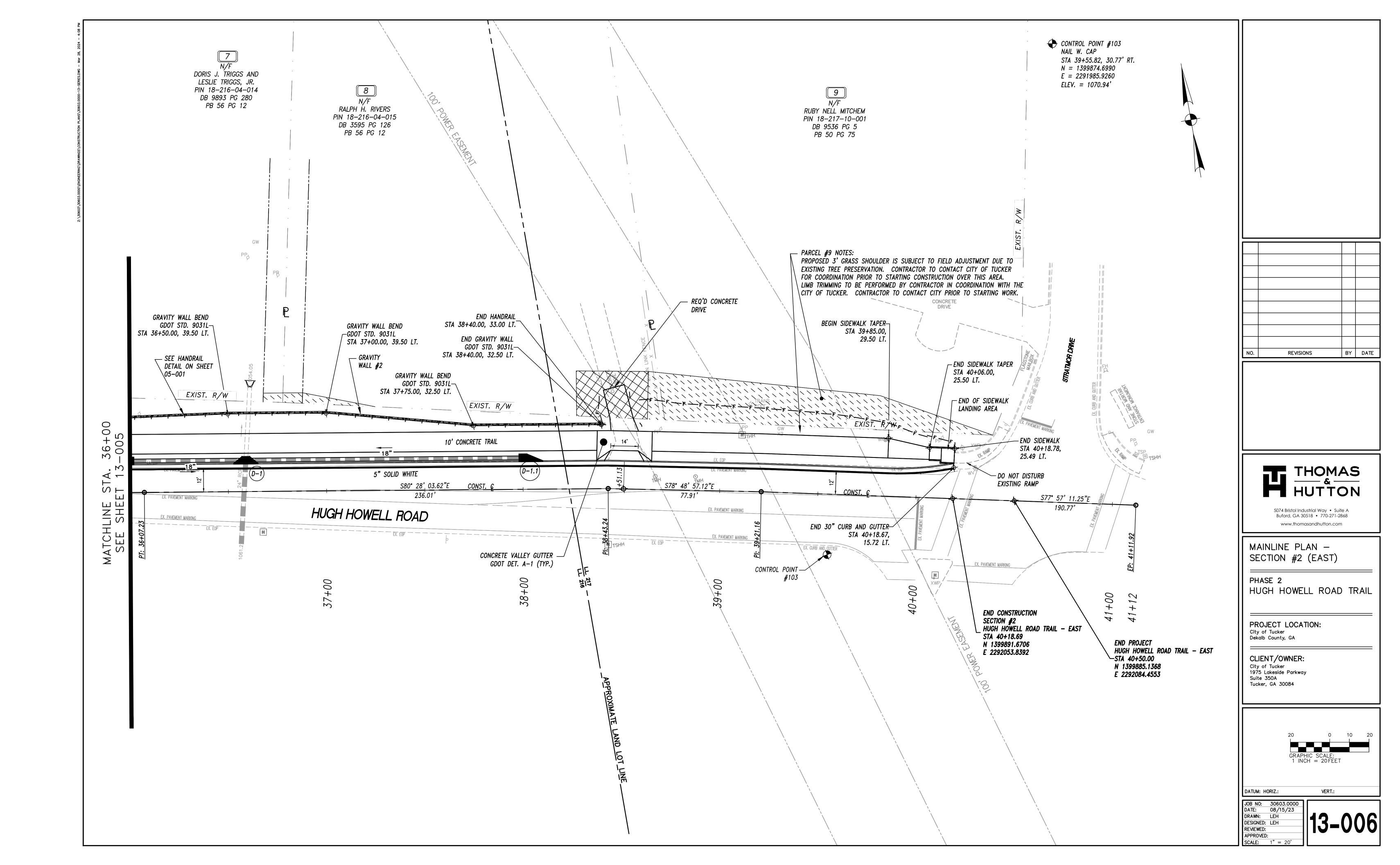


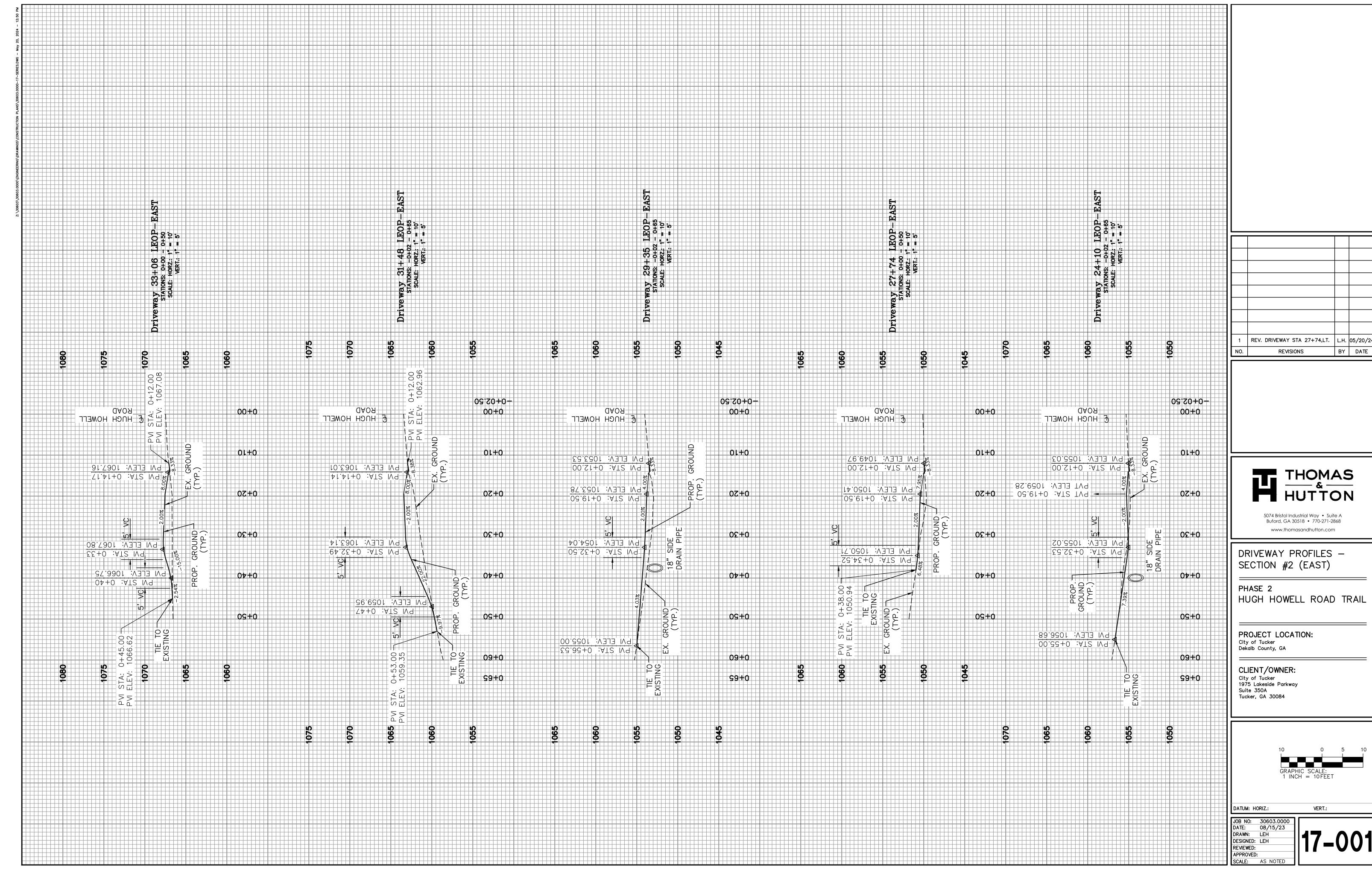


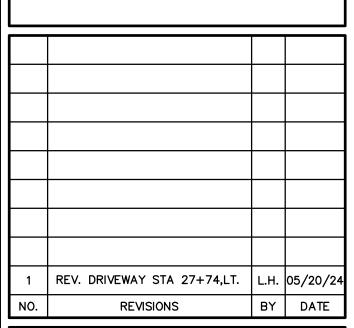


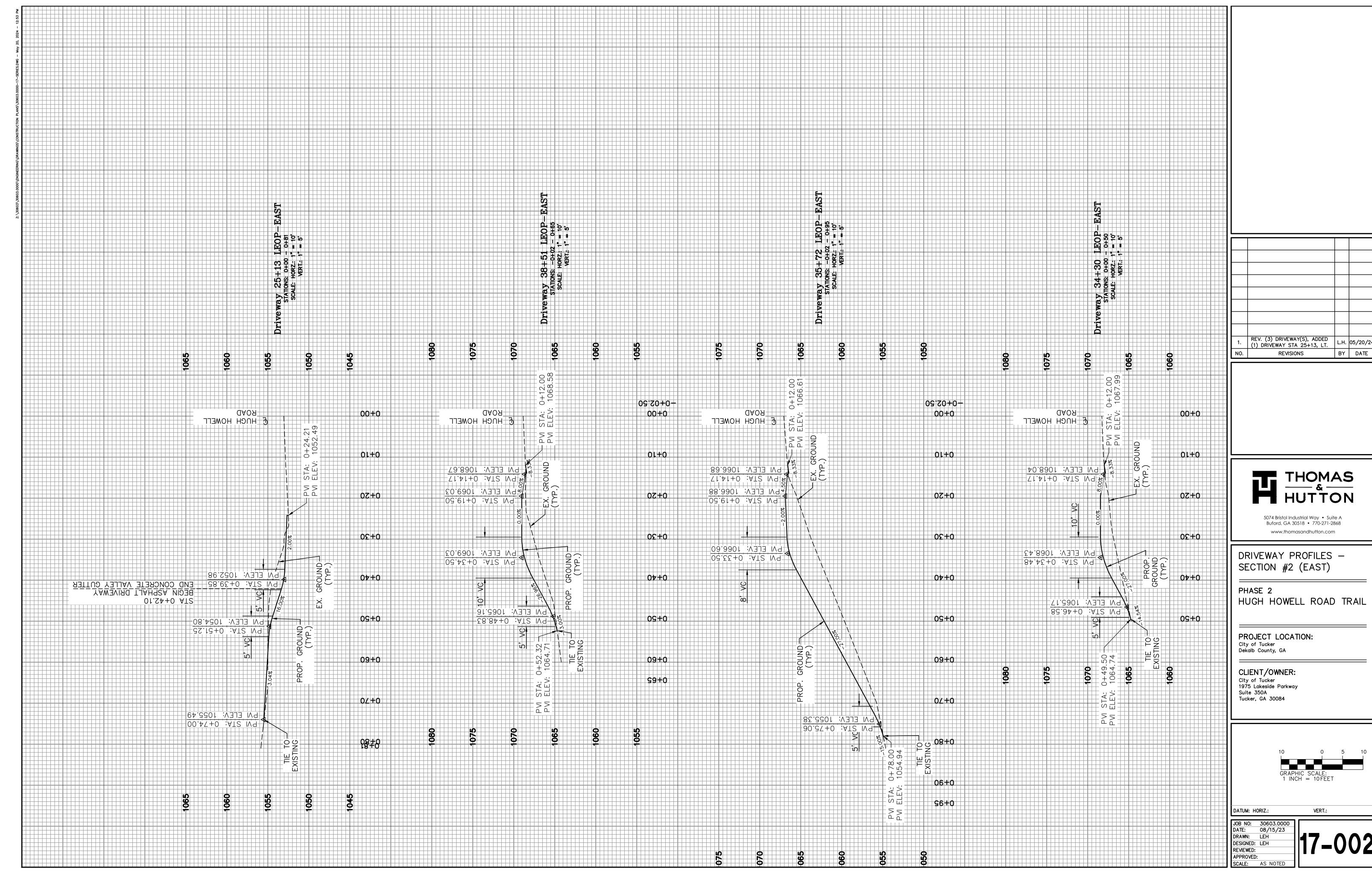


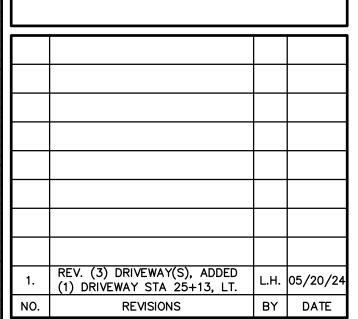


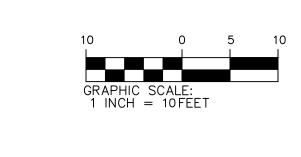


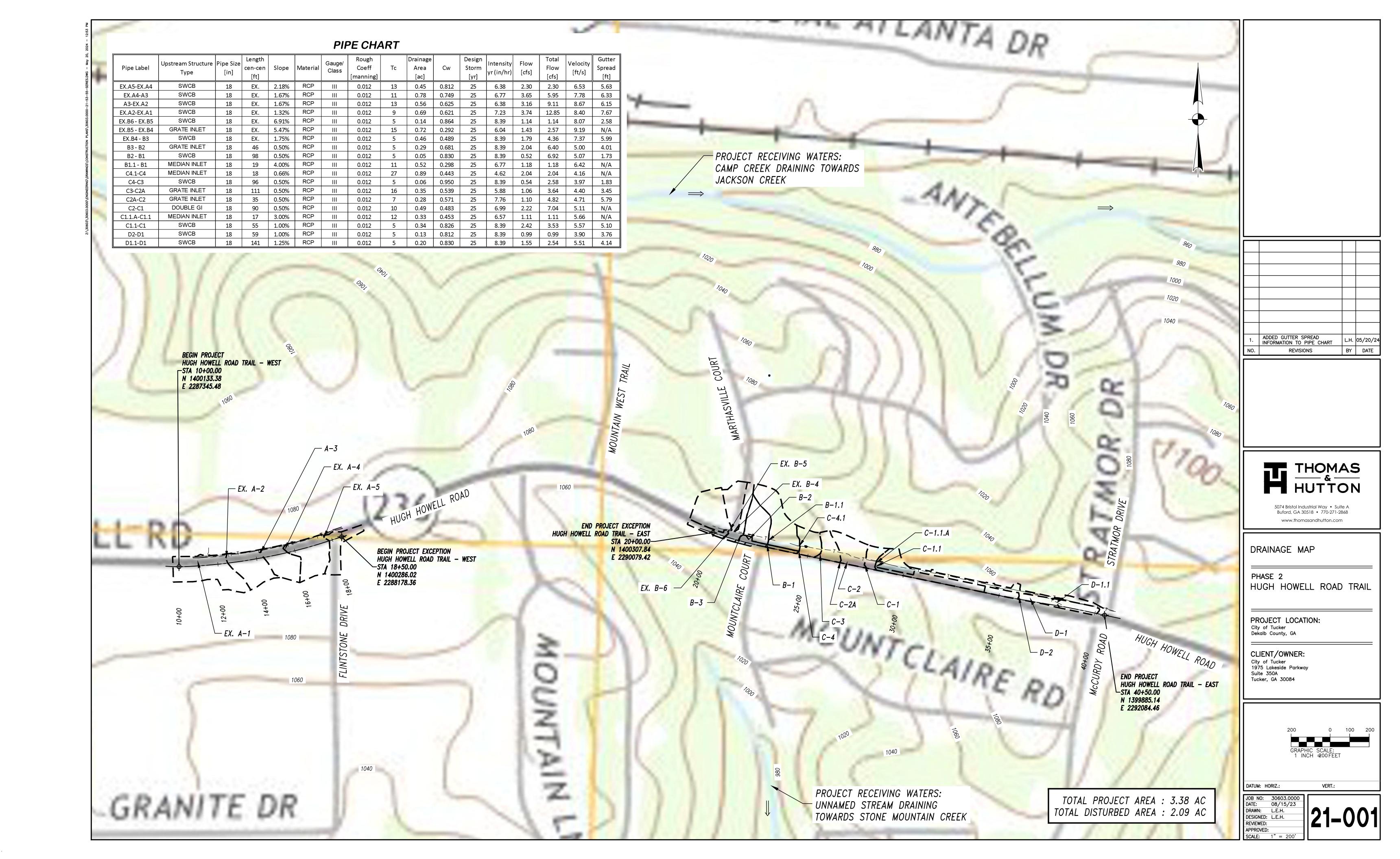


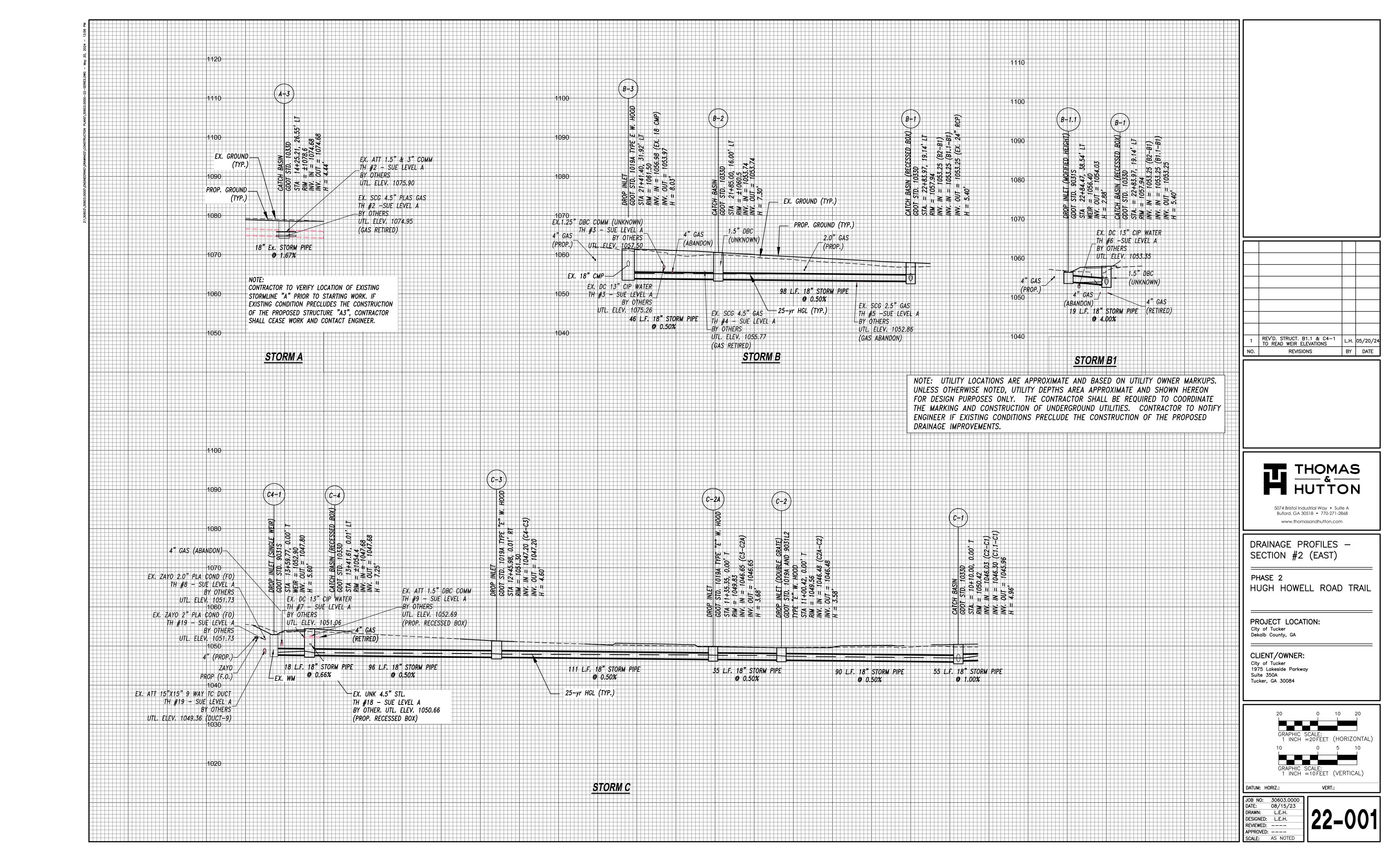


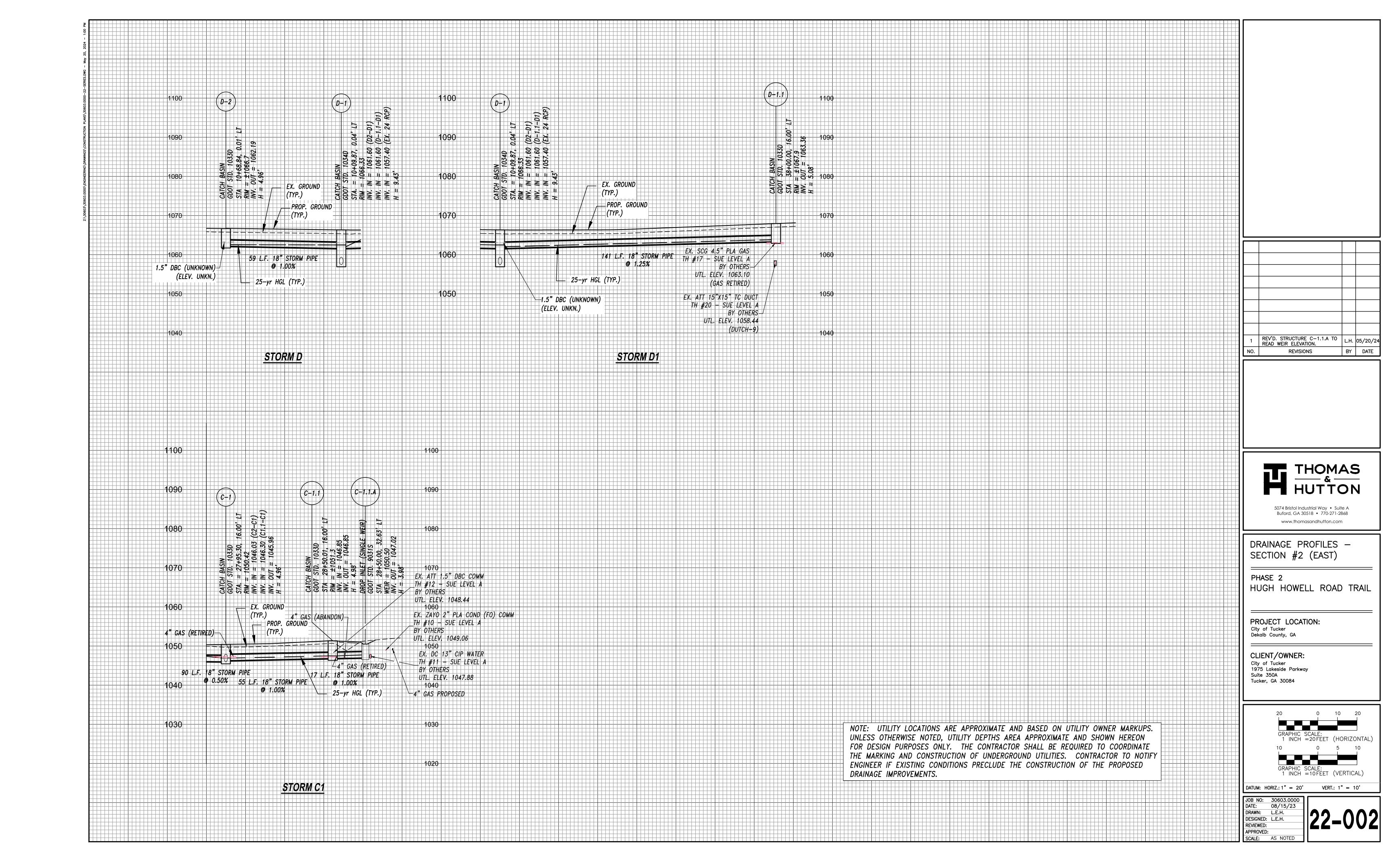


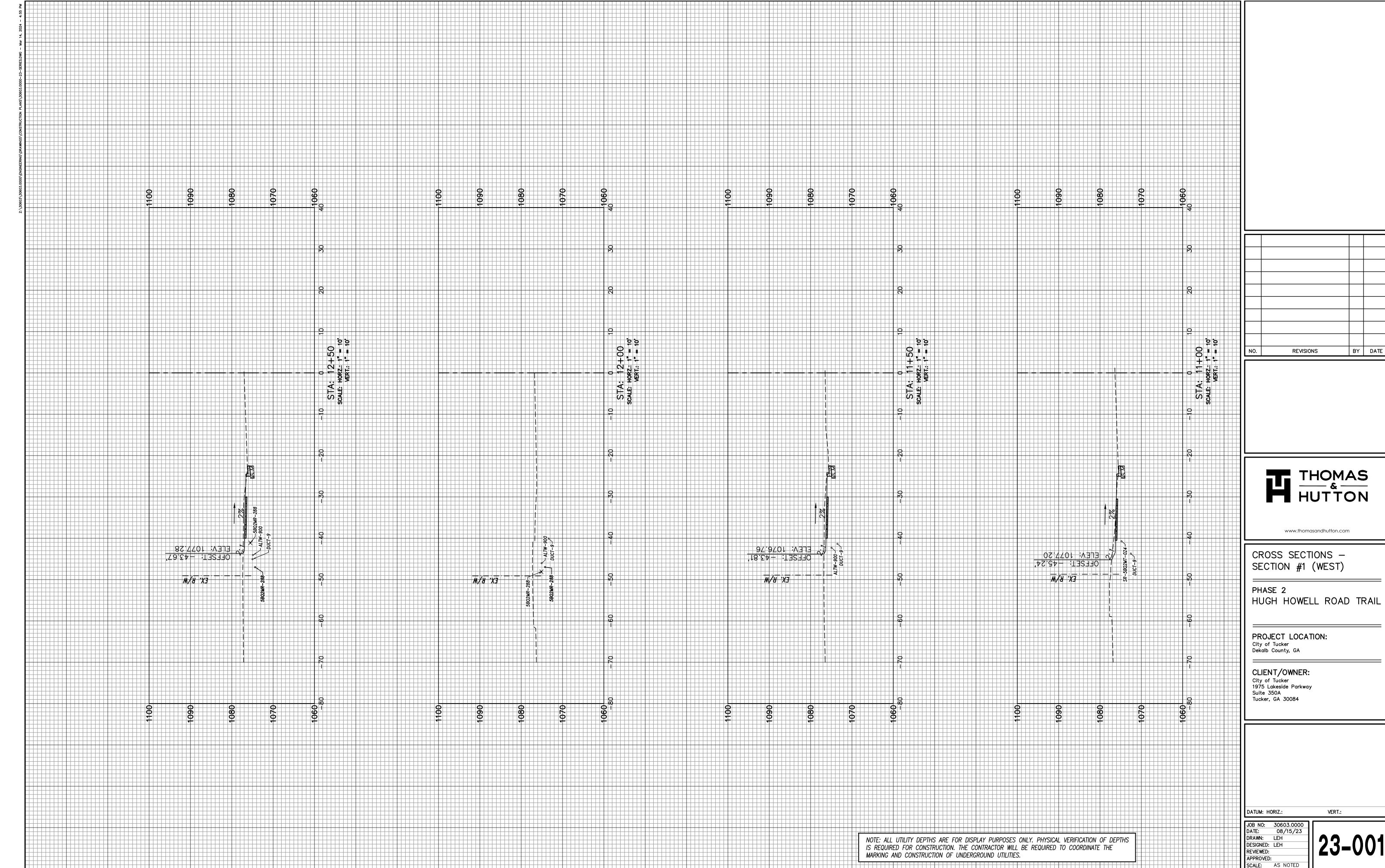


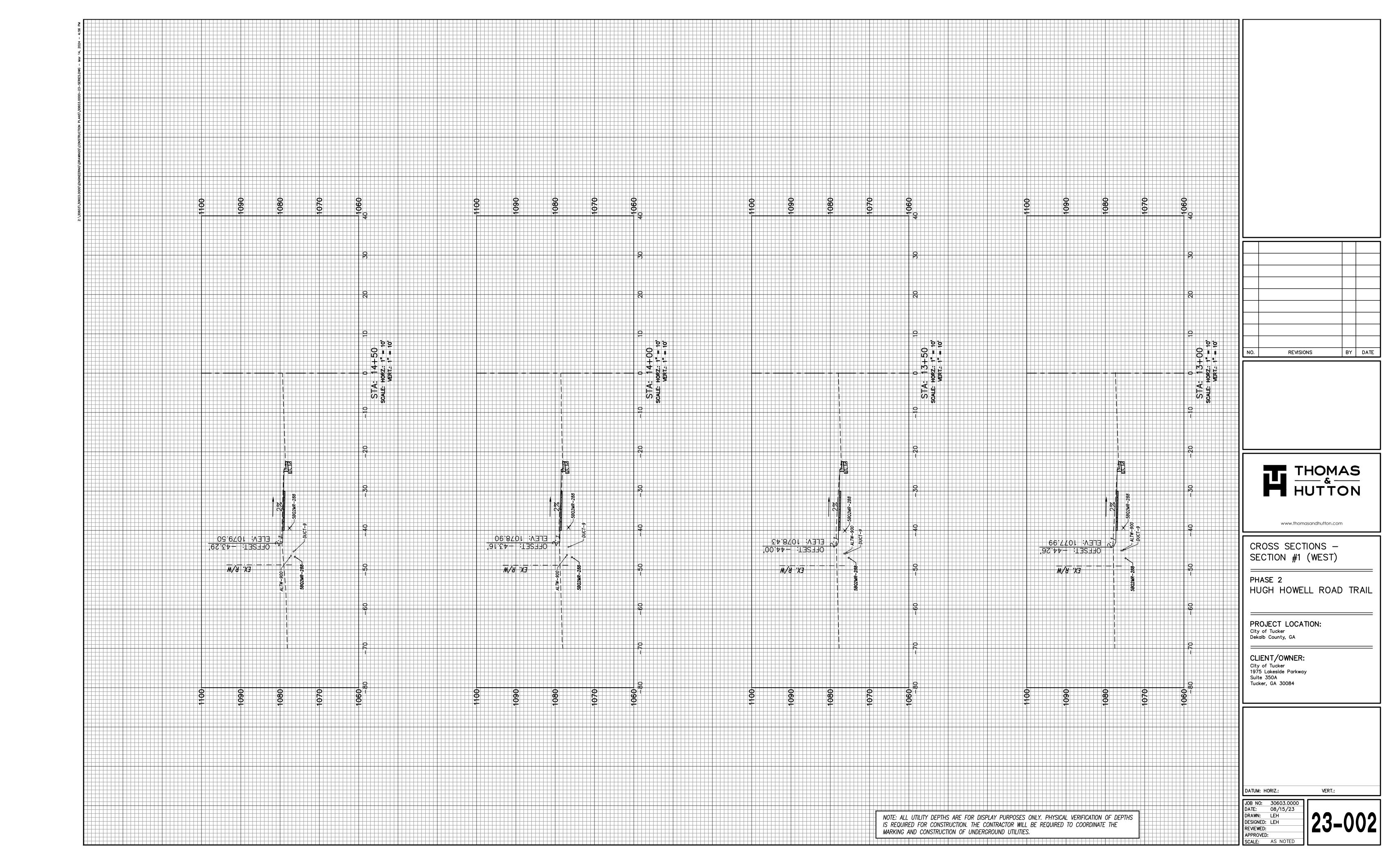


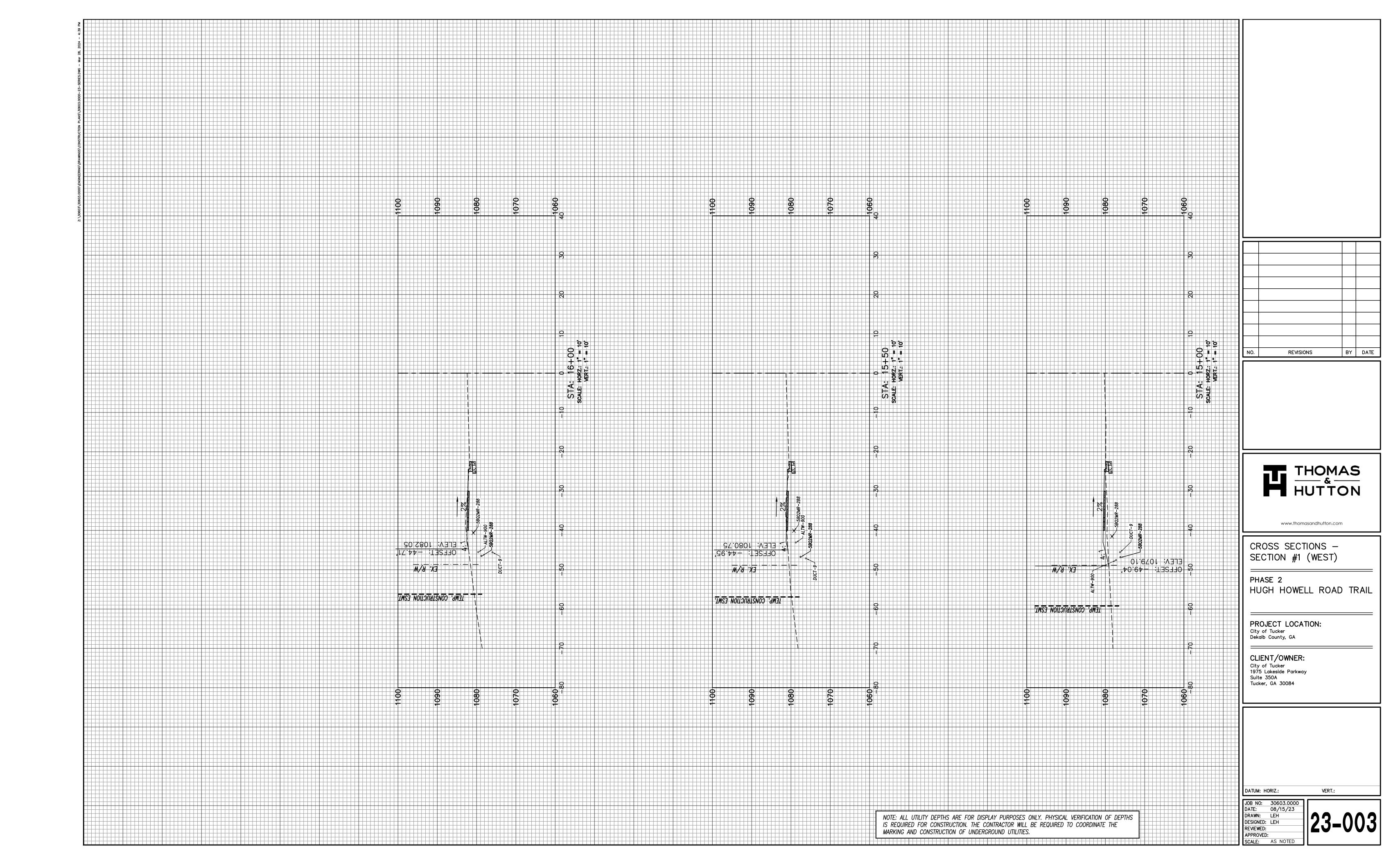


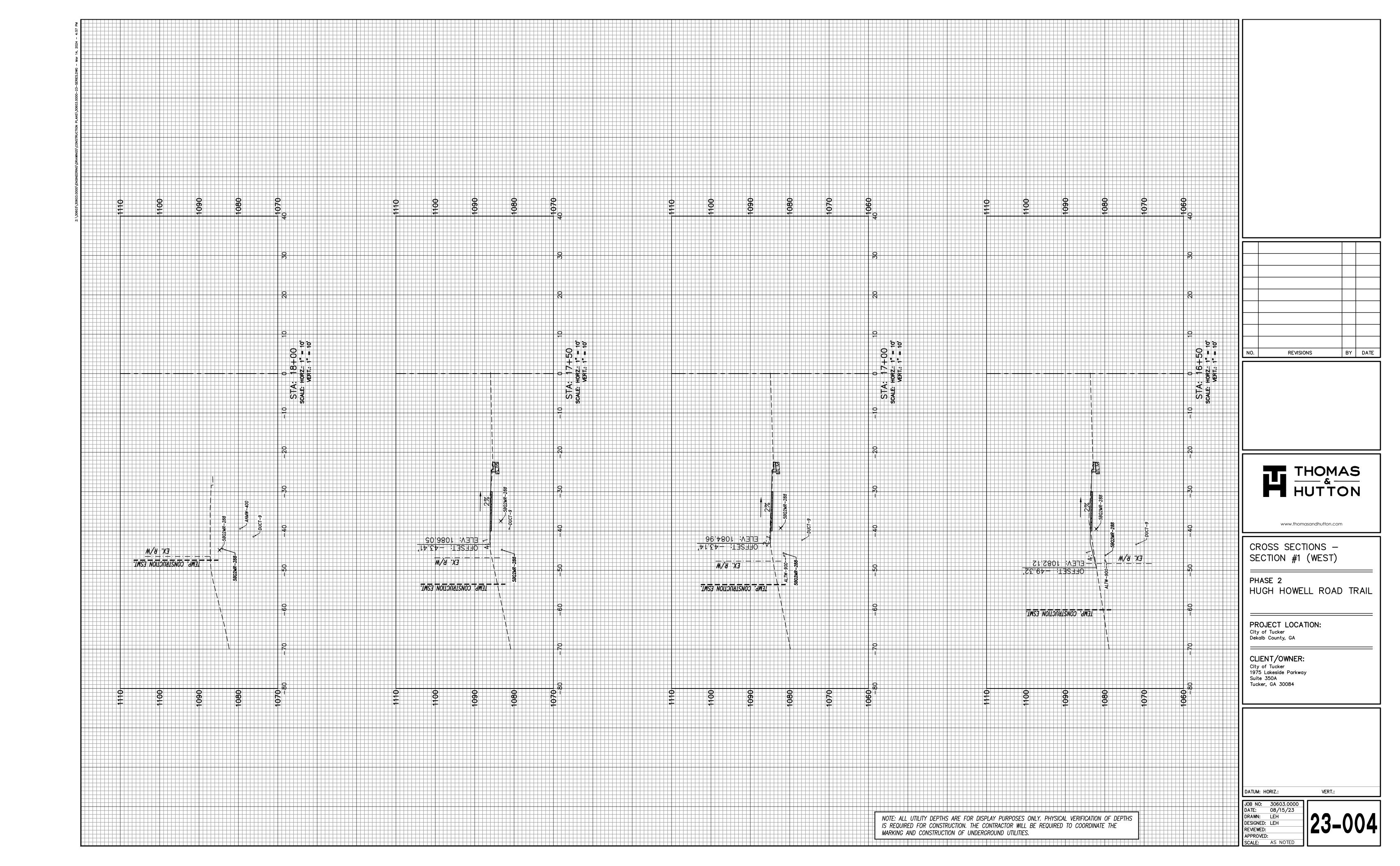


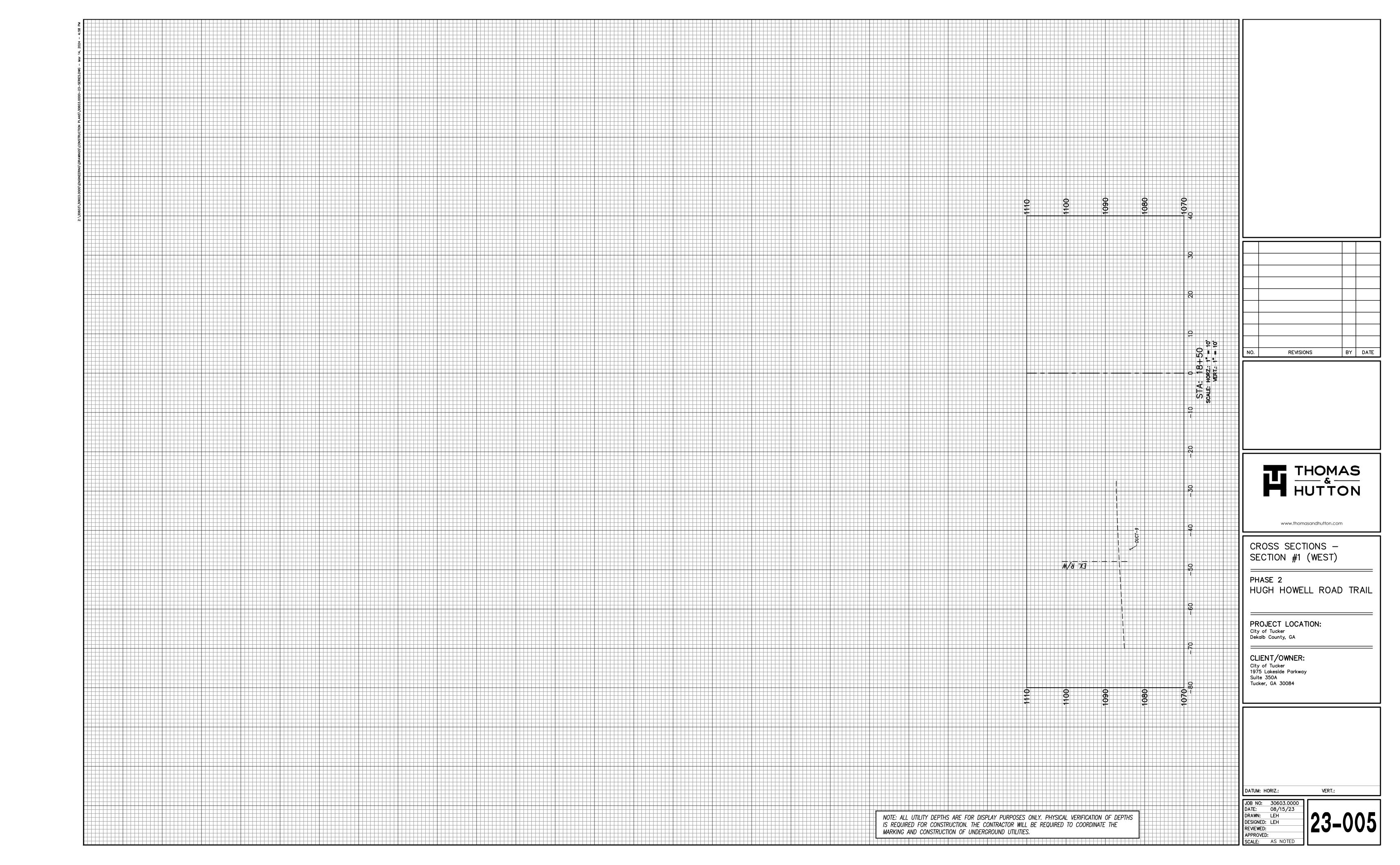


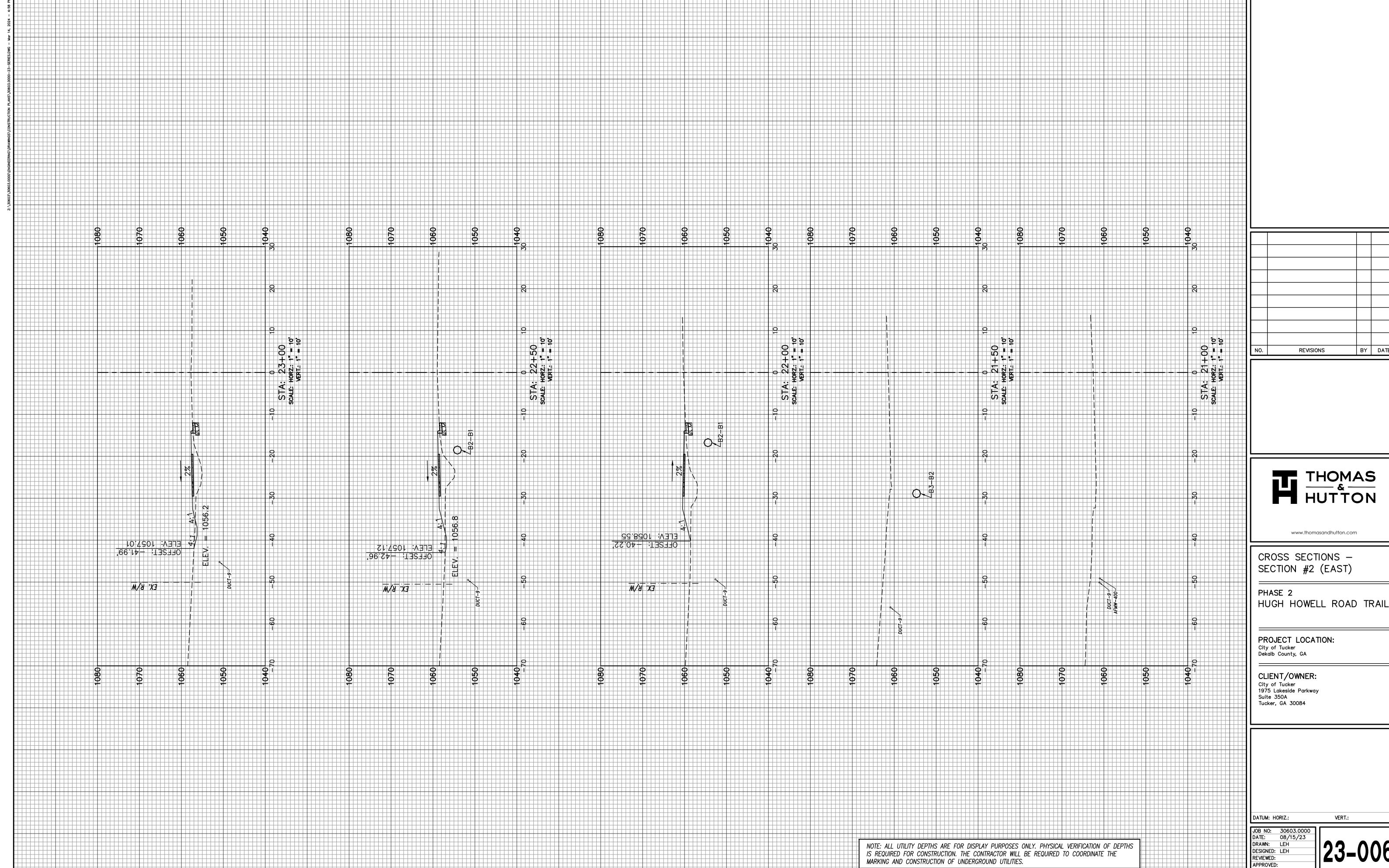


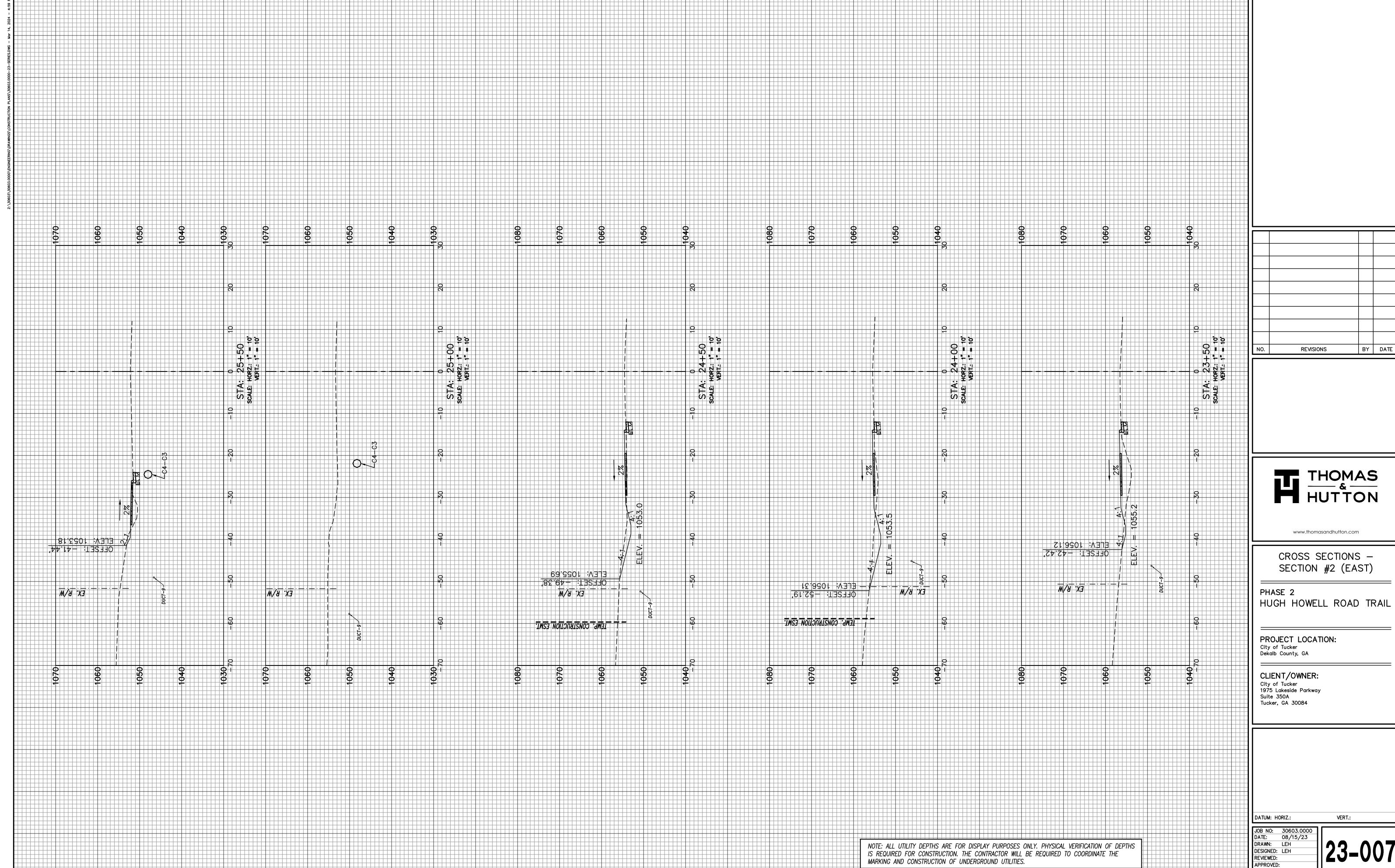


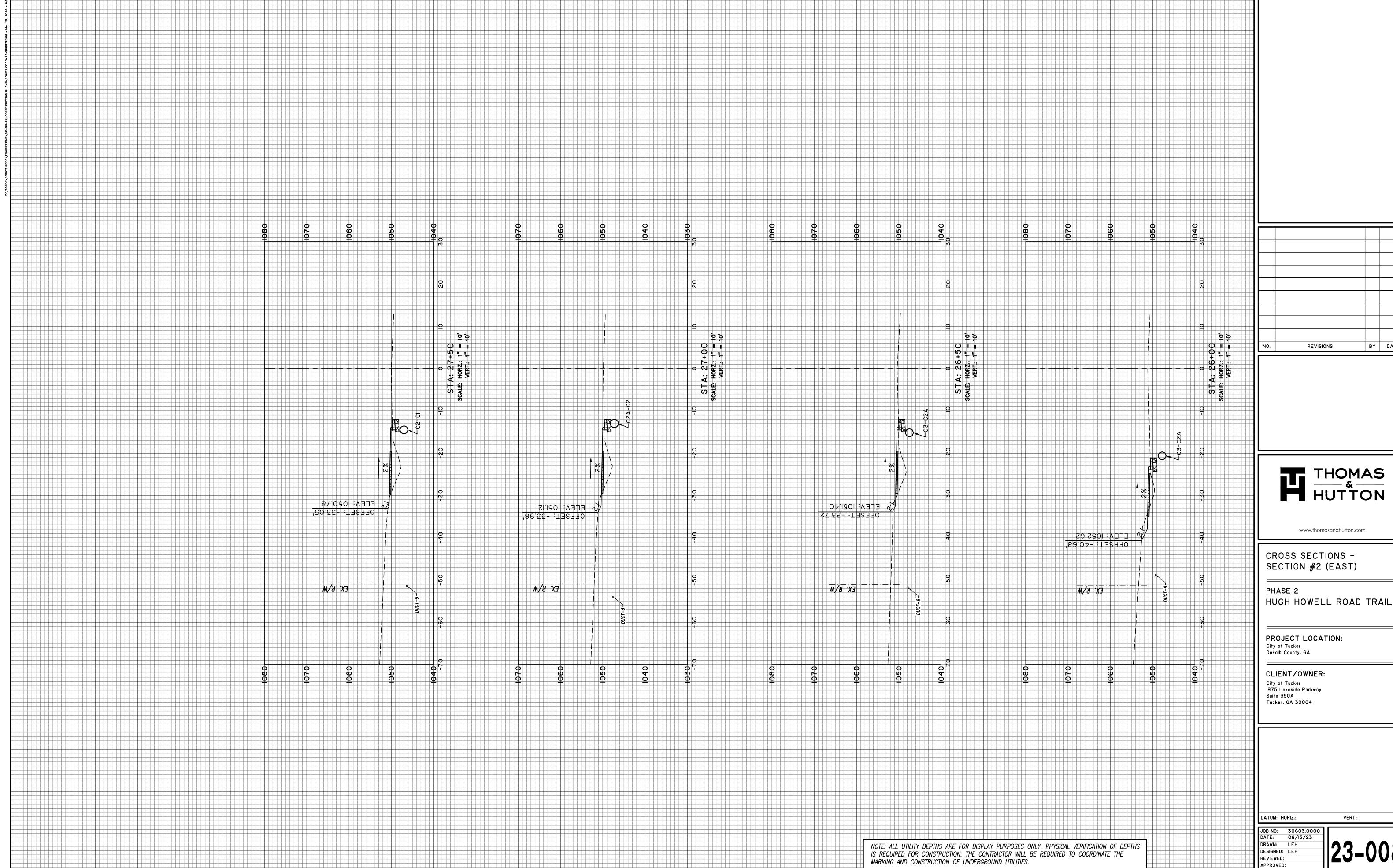


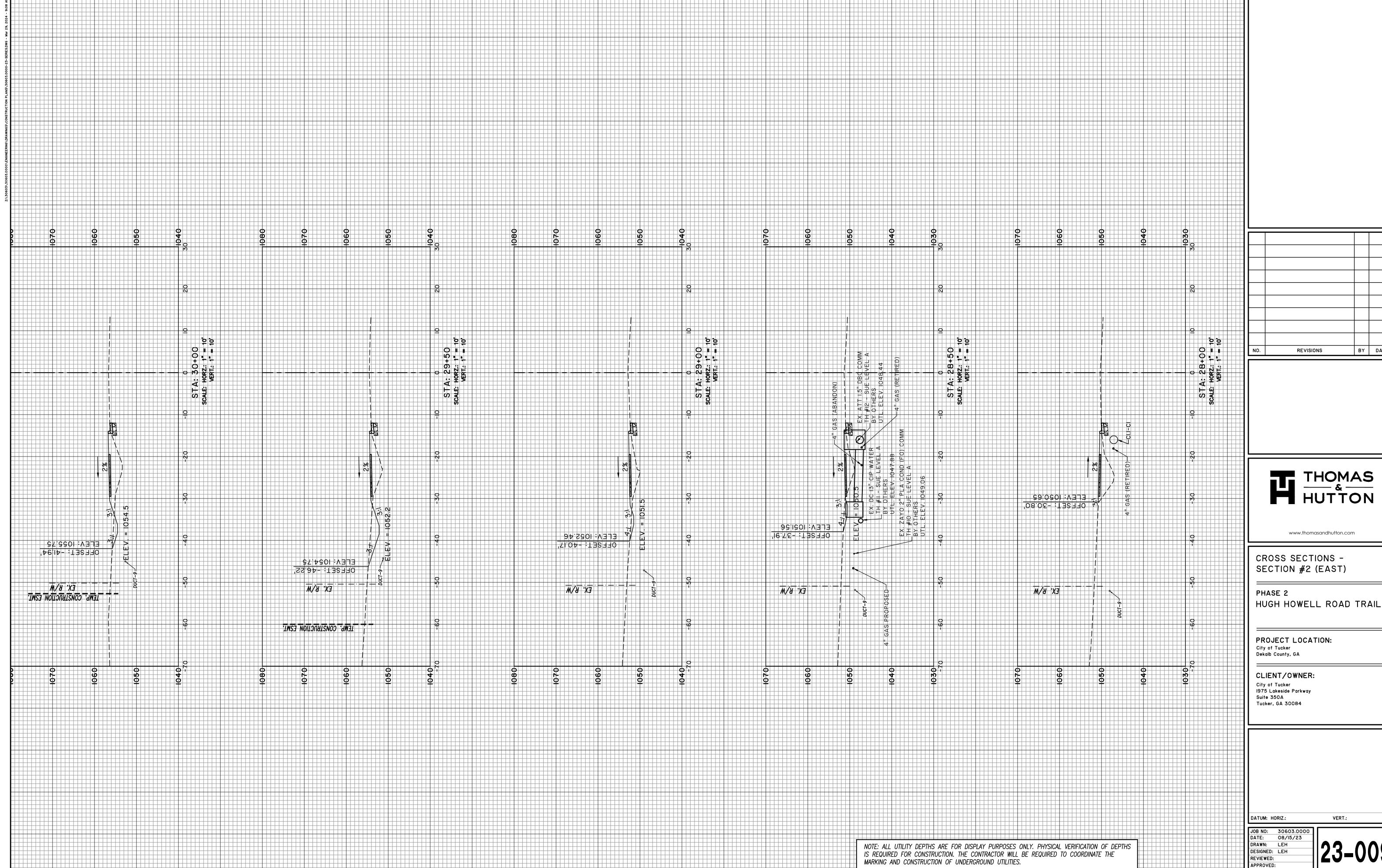


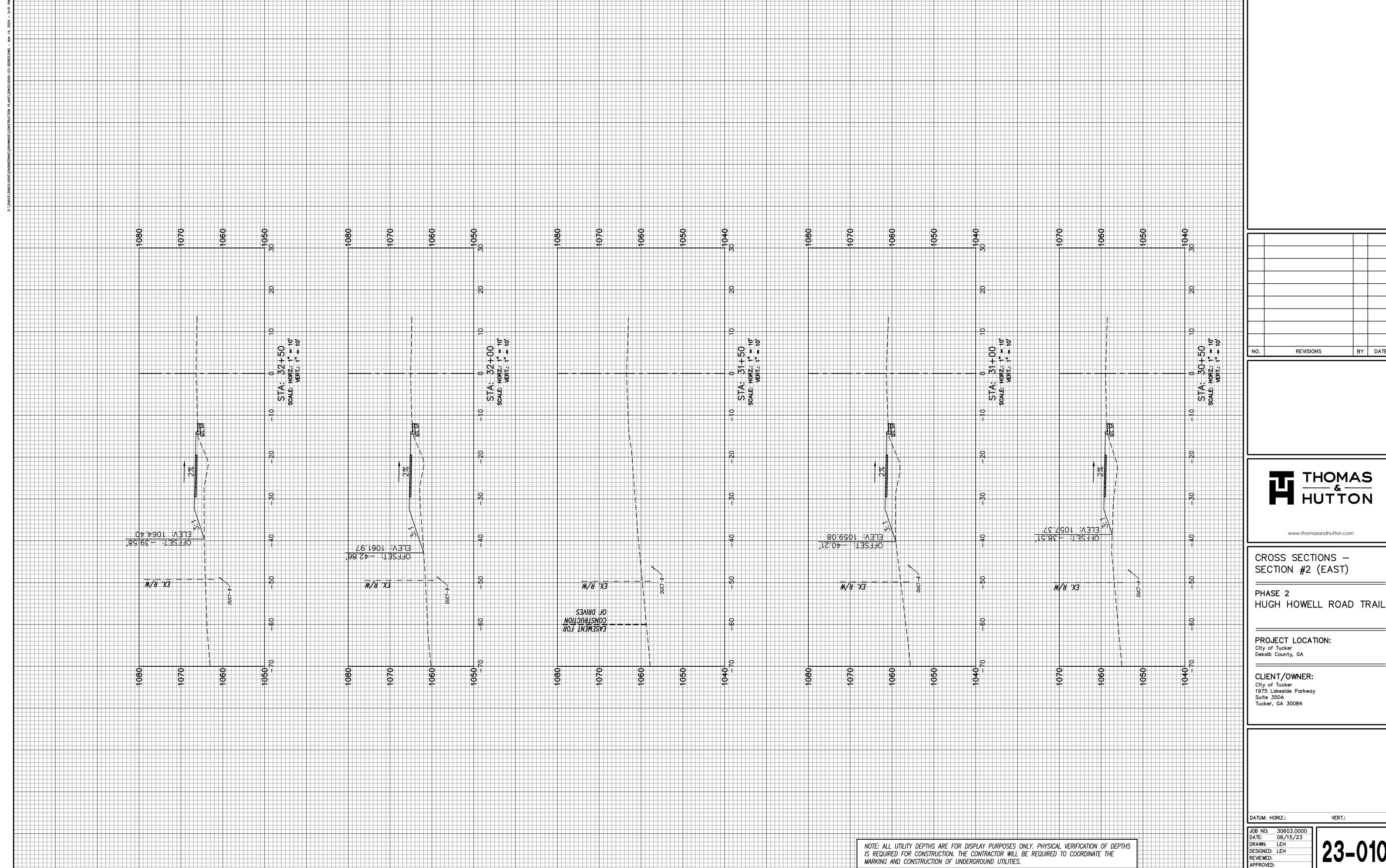


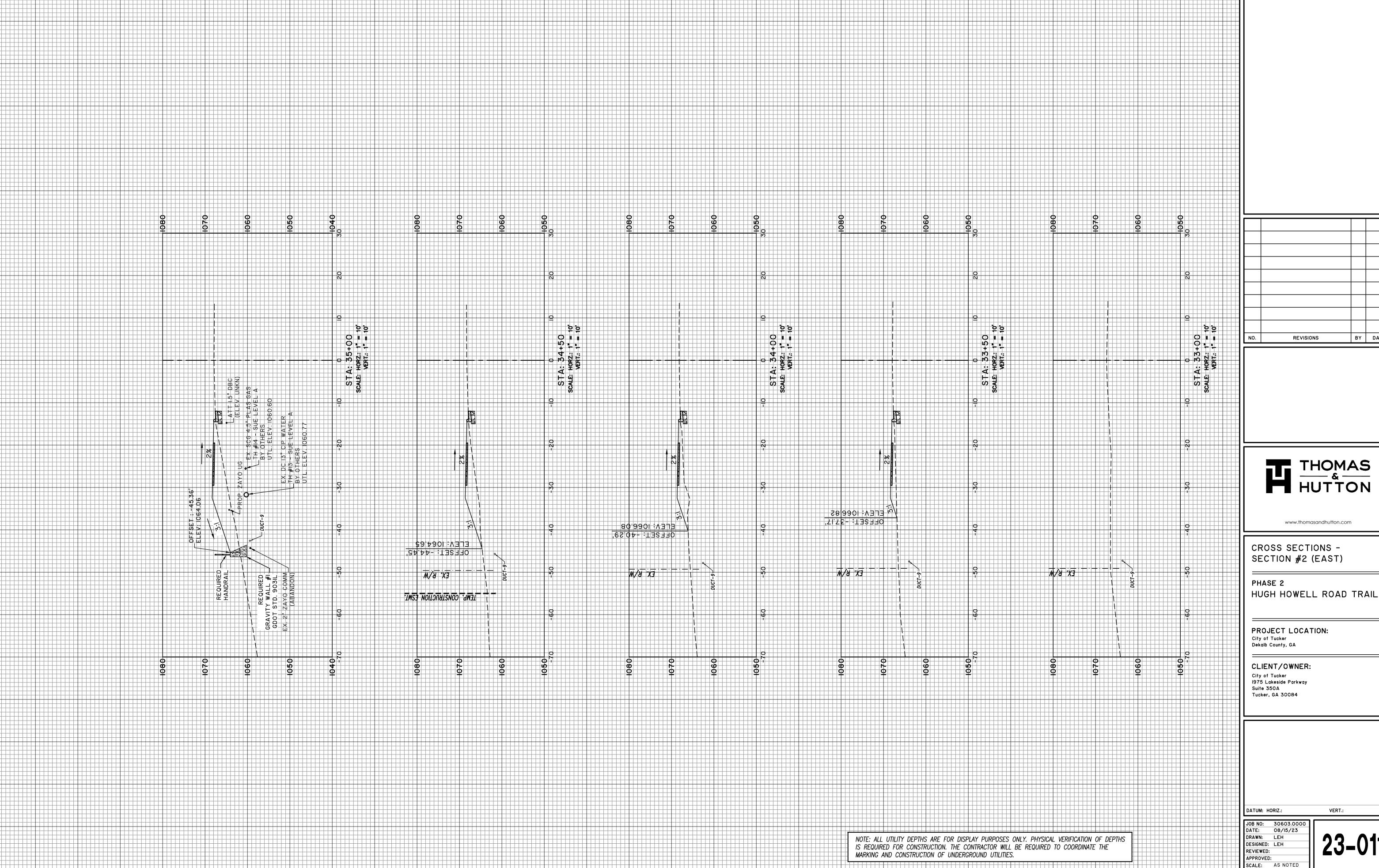








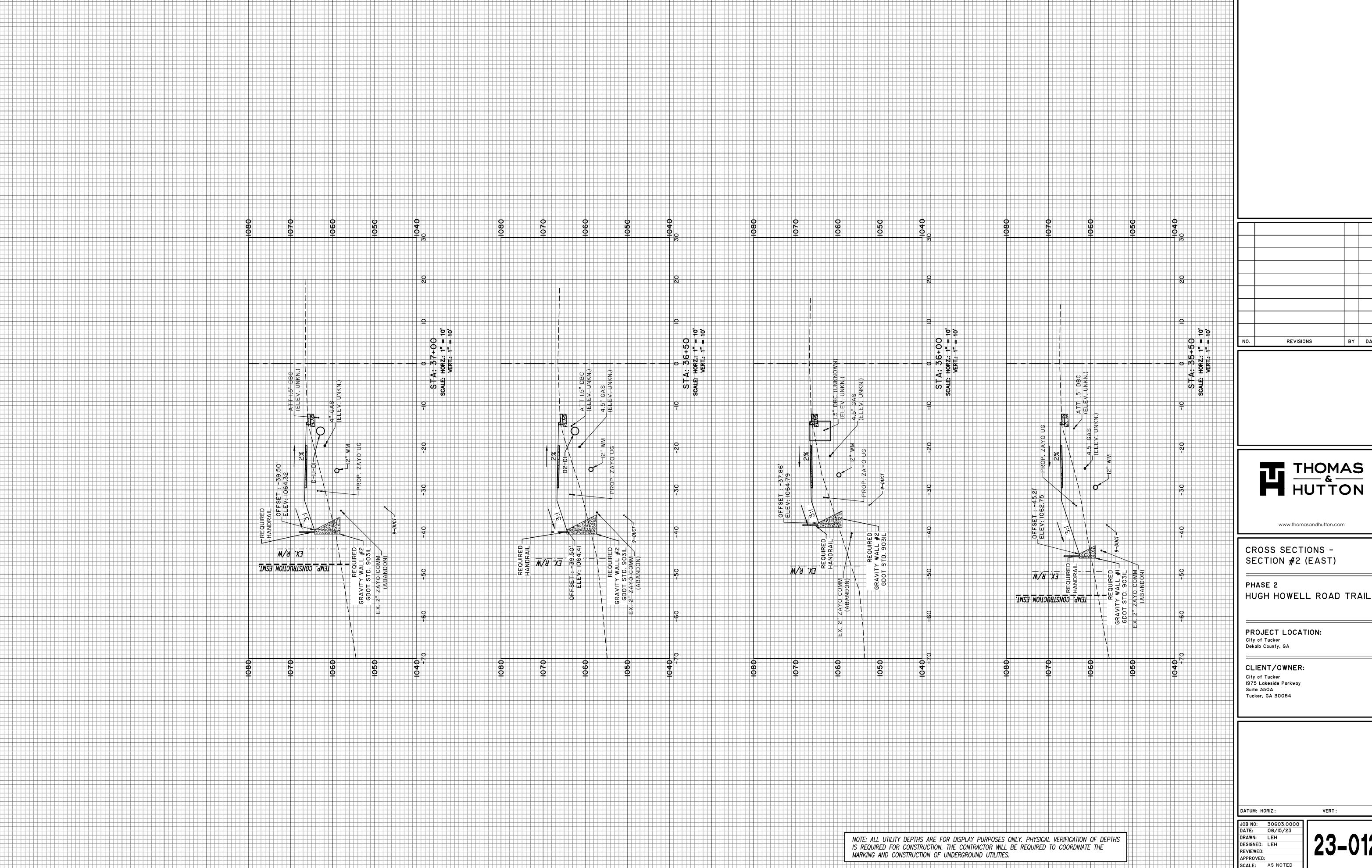


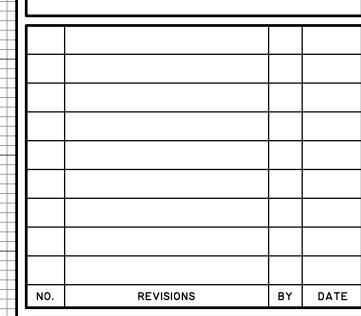


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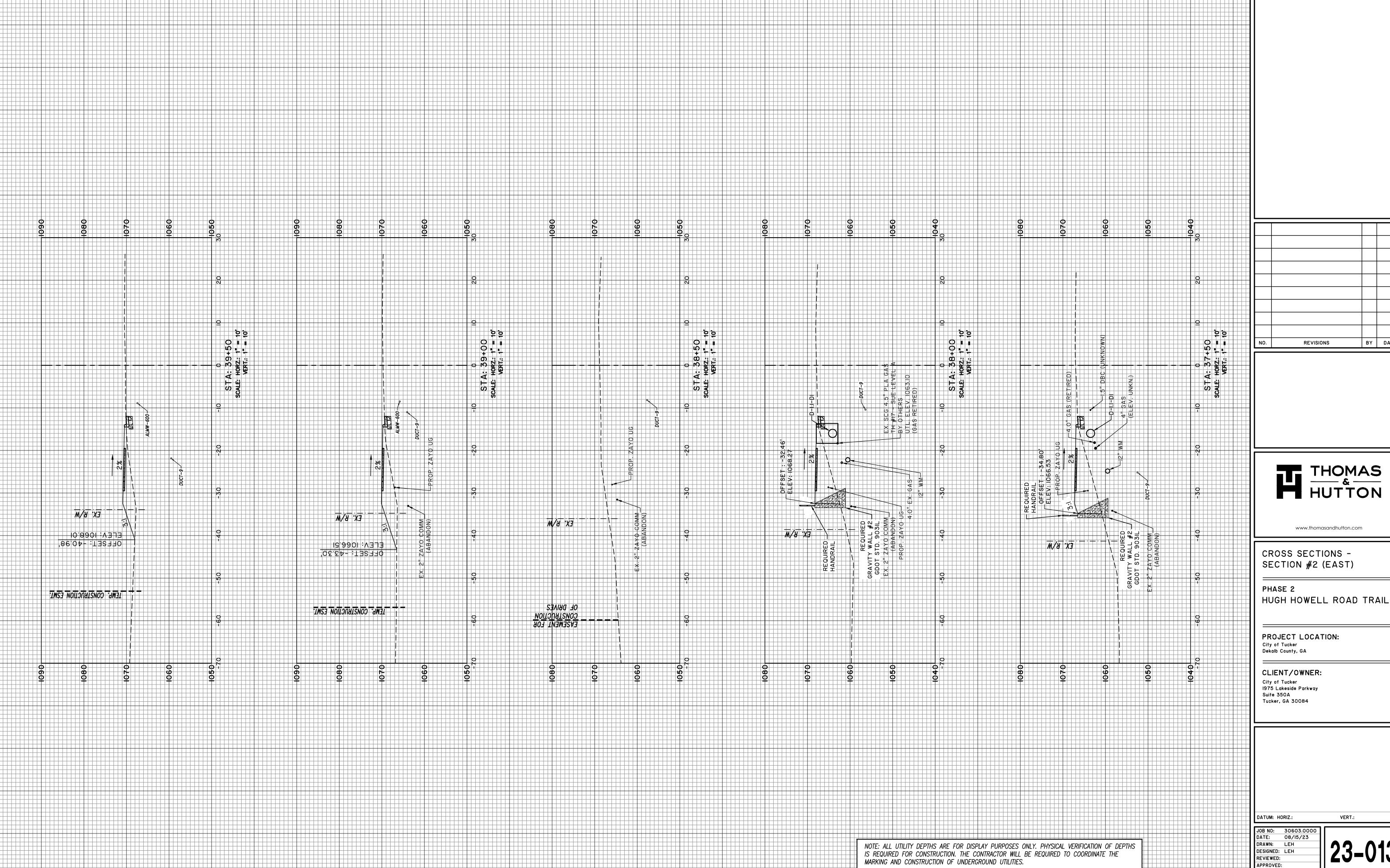
SECTION #2 (EAST)

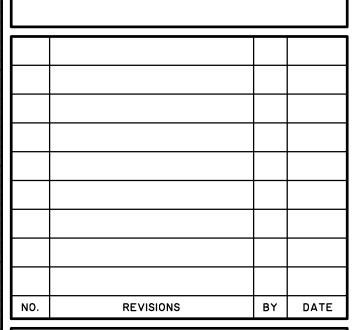




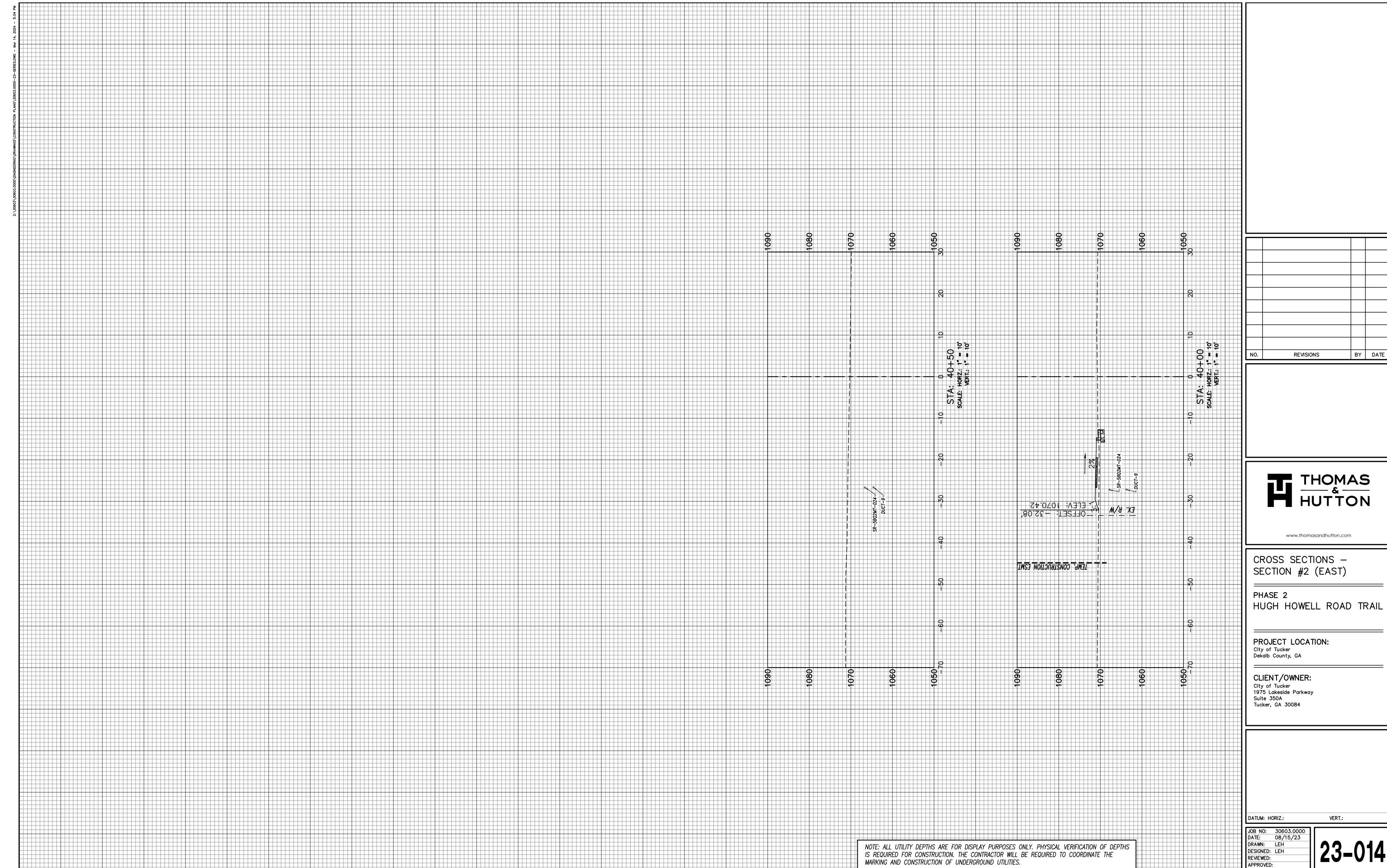


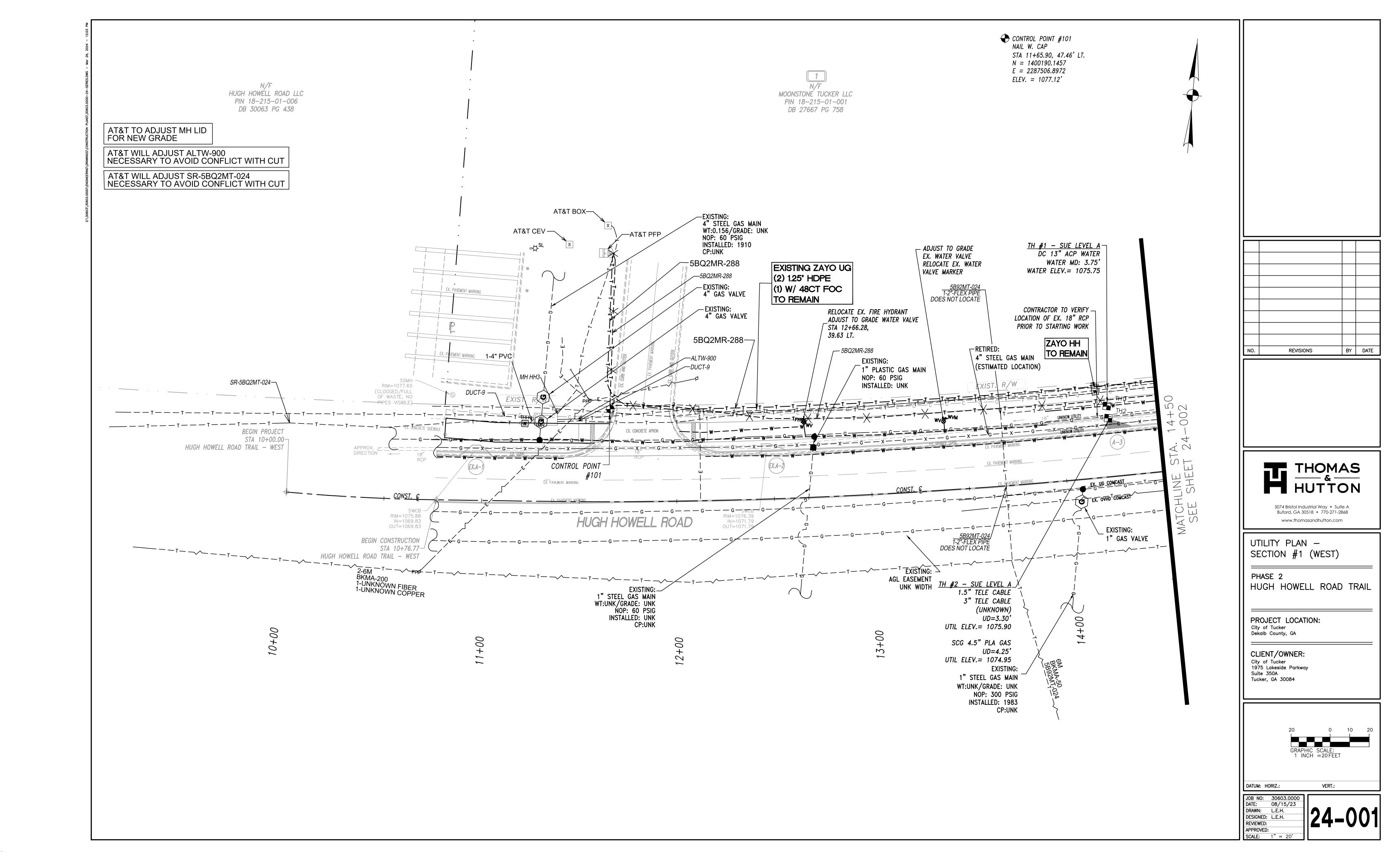
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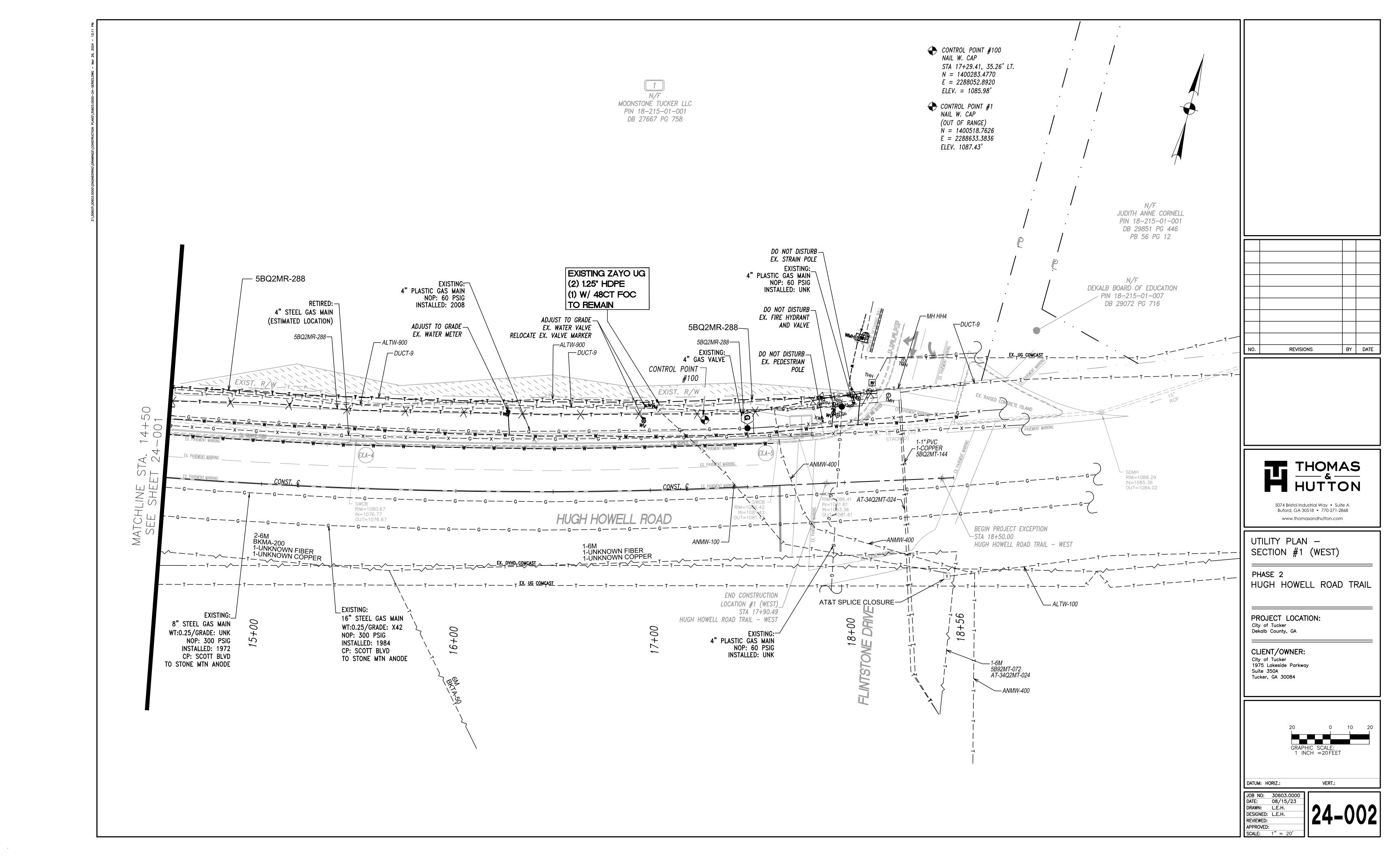


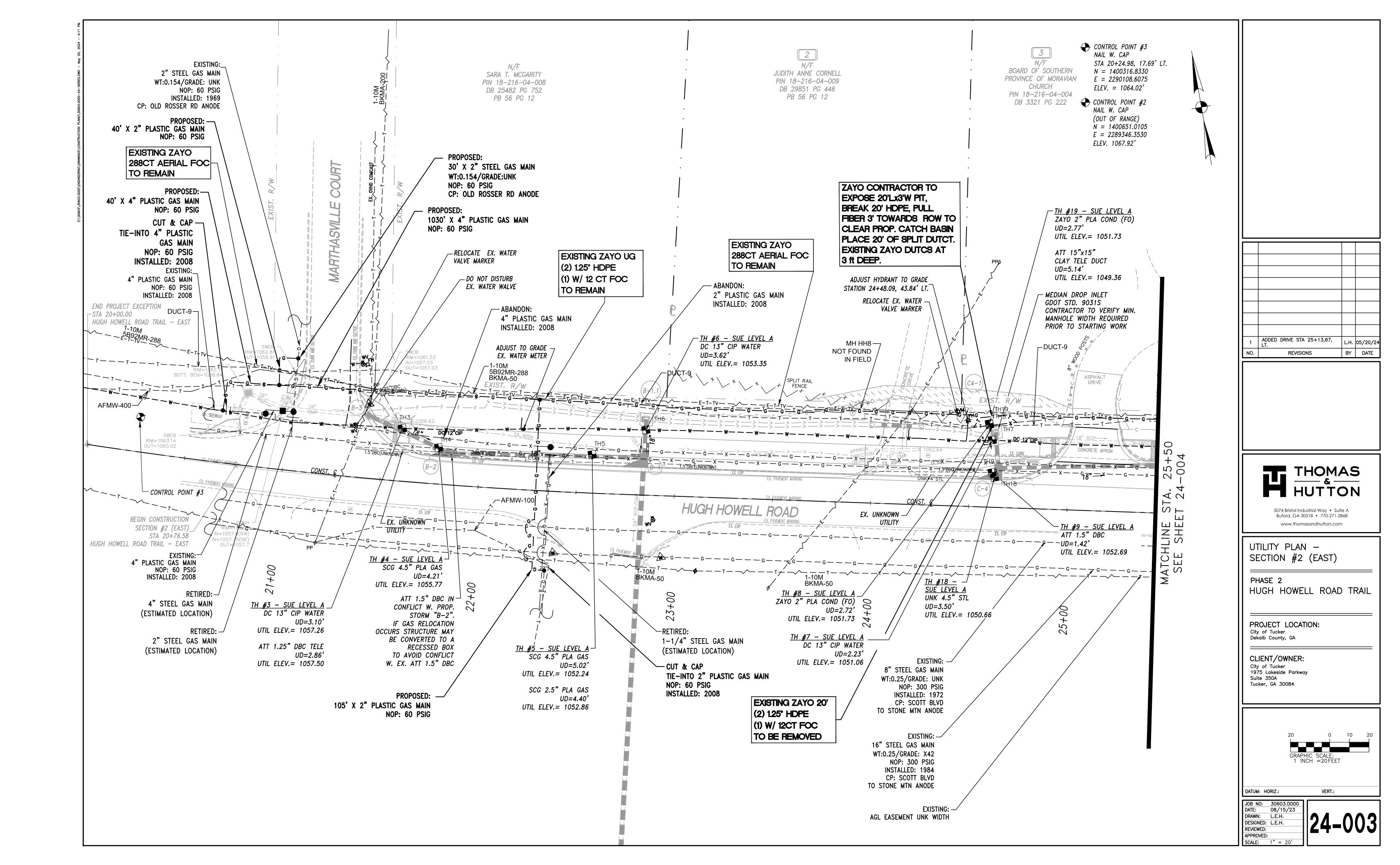


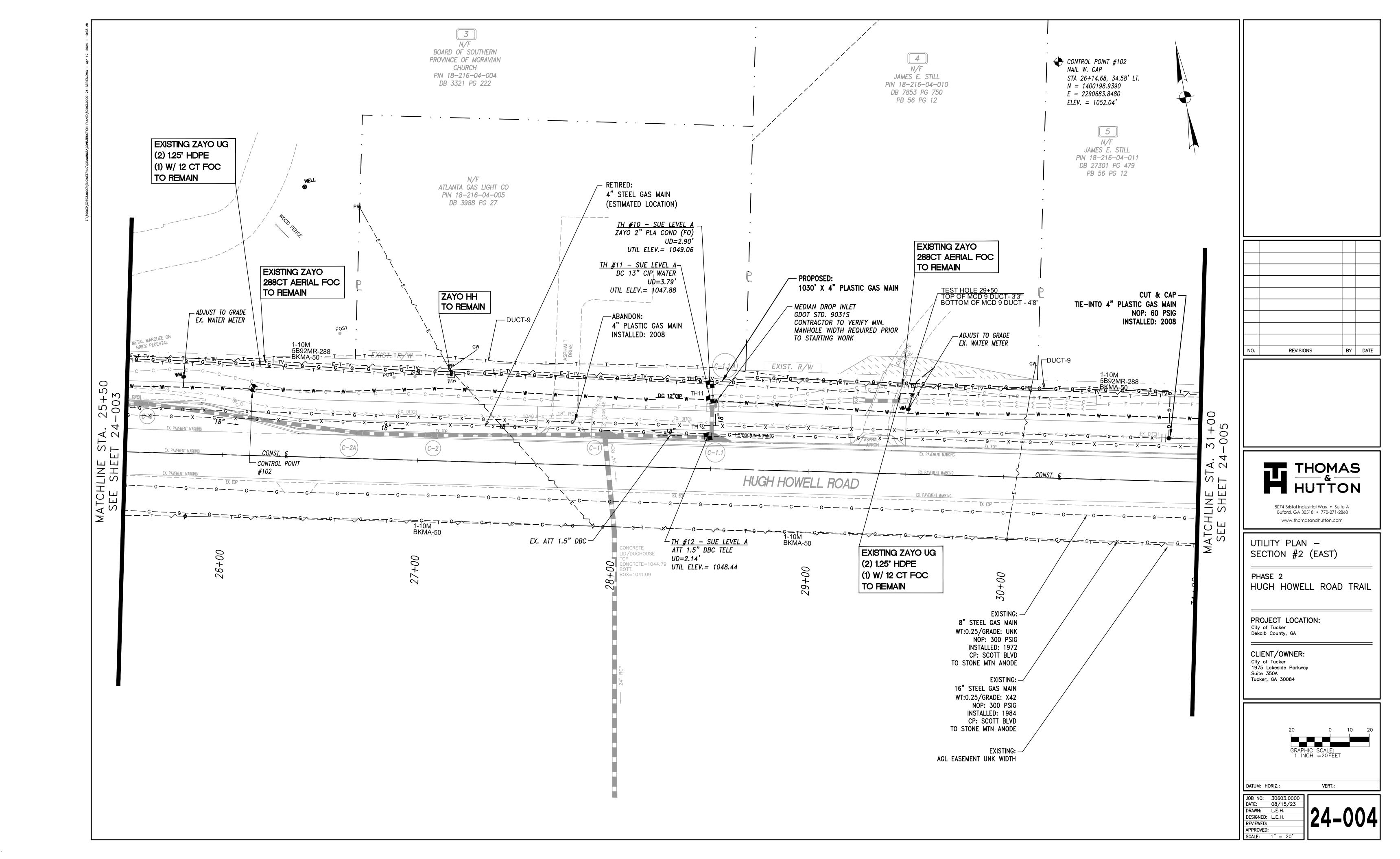


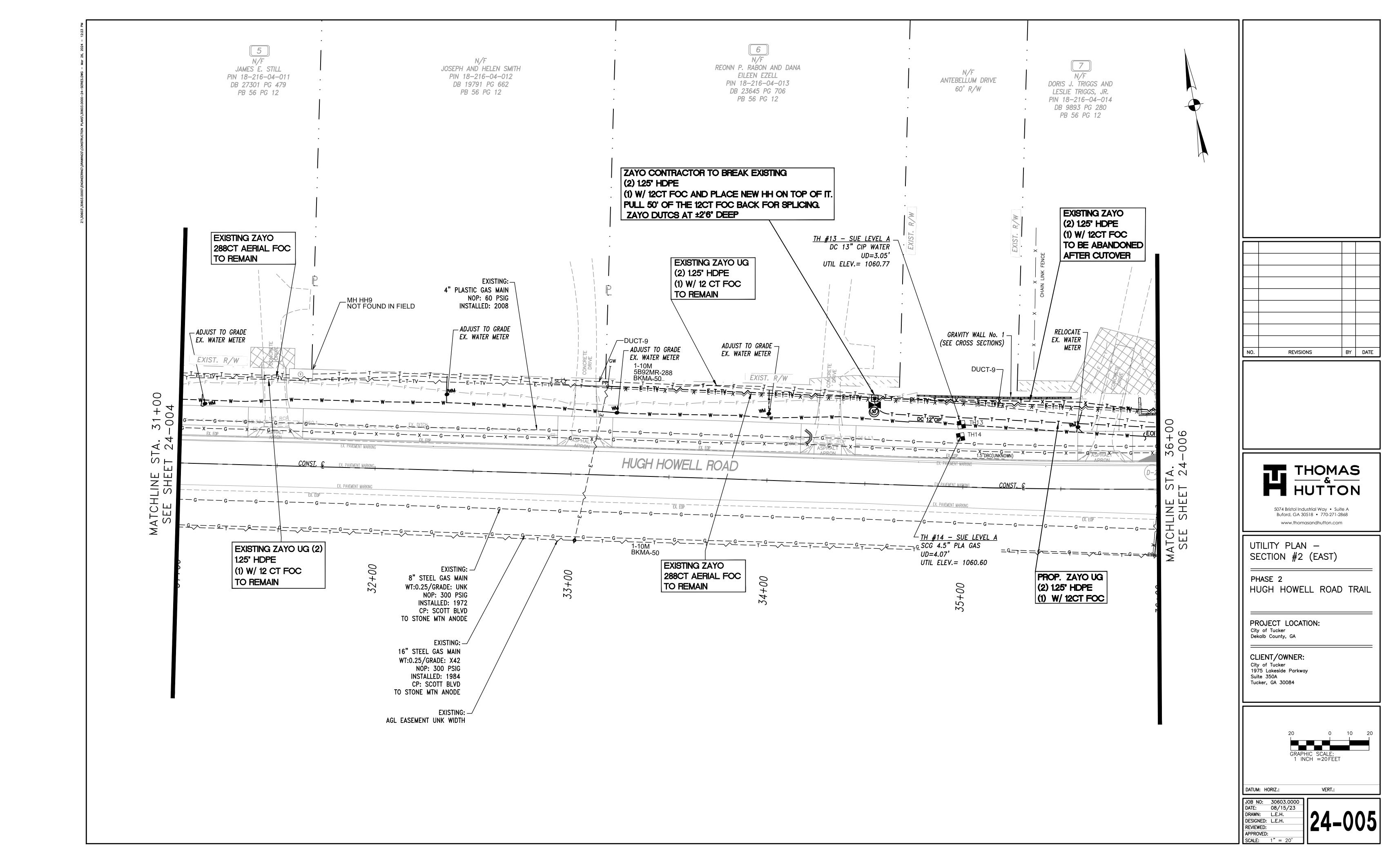


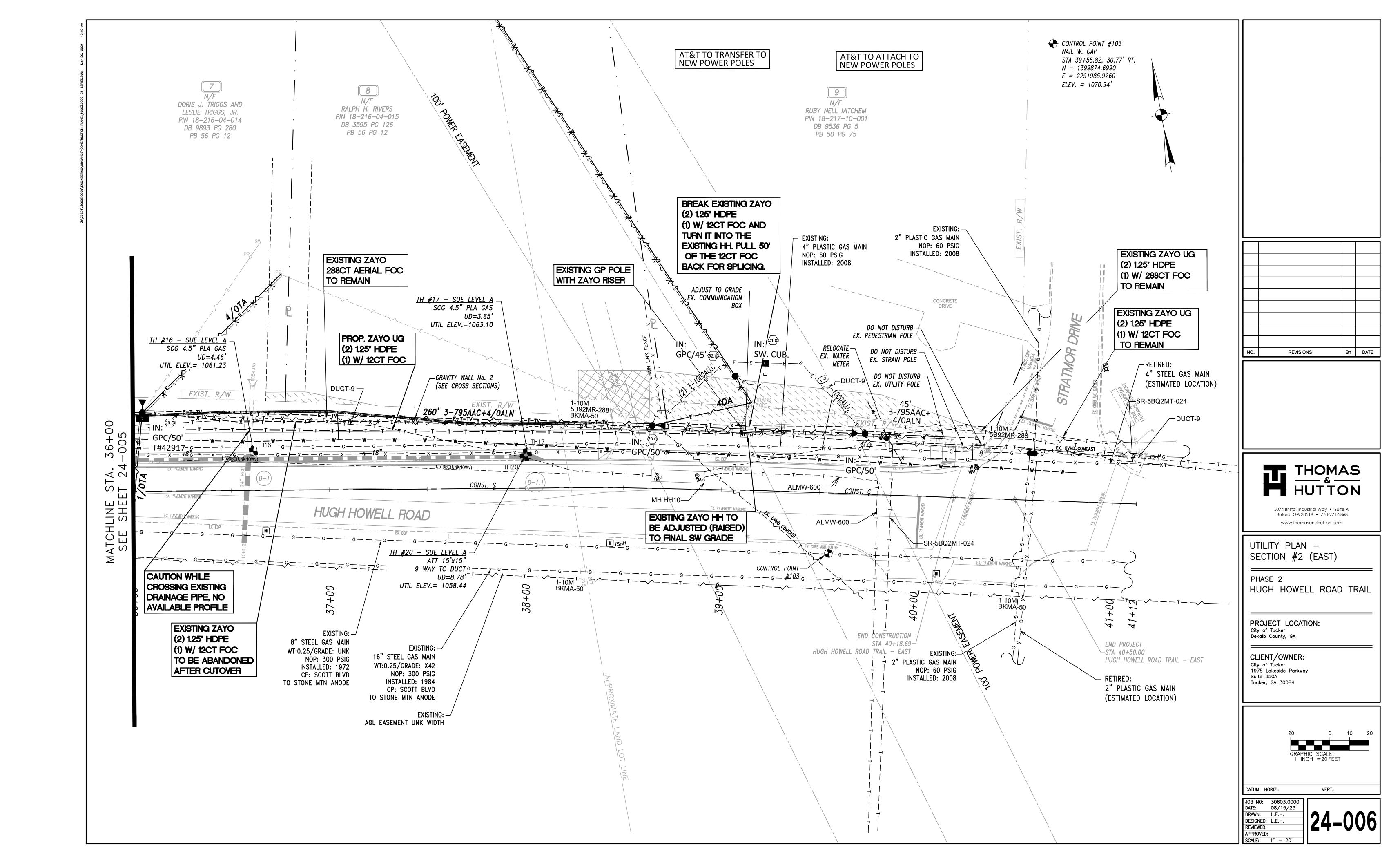










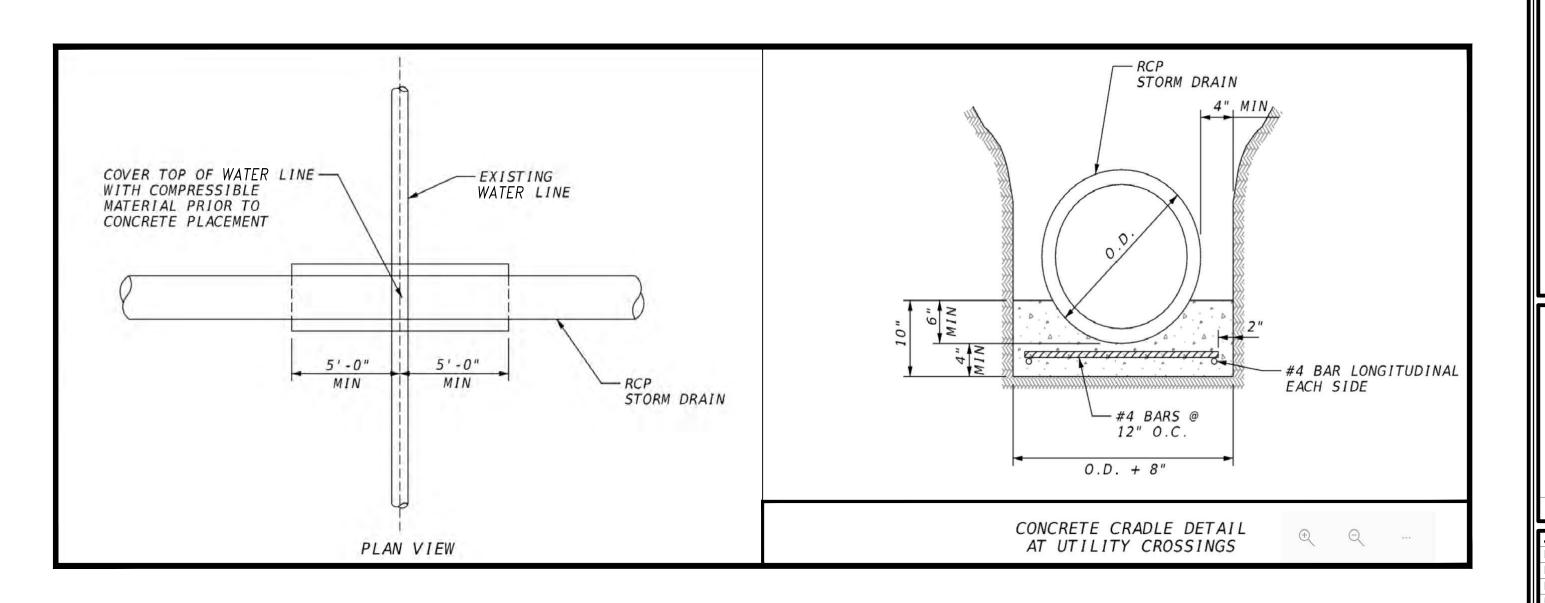


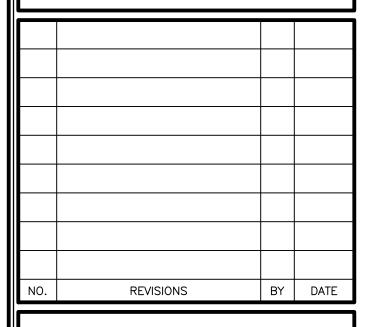
- I. A PRECONSTRUCTION CONFERENCE MUST BE HELD **WI** TH MEMBERS OF DEKALB DEPARTMENT OF WATERSHED MANAGEMENT **DWM** AND THE CONTRACTOR OF RECORD BEFORE ANY WORK CAN BE DONE ON SITE. CONTRACTOR TO NOTIFY DEKALB COUNTY PROJECT MANAGER 72 HOURS BEFORE THE BEGINNING OF EACH PHASE OF CONSTRUCTION.
- 2. ALL WORK SHALL COMPLY WITH THE LATEST EDITIONS OF MASTER SPECIFICATIONS AND DESIGN STANDARDS FOR DEKALB COUNTY
  DEPARTMENT OF WATERSHED MANAGEMENT "POTABLE WATER MAIN, GRAVITY SANITARY SEWER, AND SANITARY SEWER AND FORCE MAIN
  DESIGN STANDARDS, LATEST EDITION. IN ADDITION TO APPLICABLE STATE, FEDERAL, AND LOCAL CODES. ALL NECESSARY LICENSES AND
  PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE UNLESS PREVIOUSLY OBTAINED BY DWM.
- 3. DEVIATION FROM THESE PLANS WITHOUT THE PRIOR CONSENT OF DWM OR HIS REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
- 4. IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION. HE SHALL. AT HIS OWN EXPENSE. HAVE REPLACED OR REPAIRED THE UTILITIES TO THEIR ORIGINAL OR BETTER CONDITION AND QUALITY. AS APPROVED BY THE REPRESENTATIVE OF THE DWM.
- 5. CONTRACTOR IS TO MEET ALL LOCAL UTILITY COMPANY REGULATIONS IN ANY READJUSTMENT OR RELOCATION OF EXISTING SERVICES.
- 6. CONTRACTOR SHALL ADJUST NEW PIPELINE LOCATION BASED ON FIELD CONDITIONS AND DWM INSPECTOR/PROJECT MANAGER REQUIREMENTS.
- 7. INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO AND CONCURRENT WITH LAND
  DISTURBING ACTIVITIES. ALL EROSION AND CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE INSPECTED
  REGULARLY USING THE EROSION AND SEDIMENT CONTROL CHECKLIST. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL
  BE INSTALLED IF NECESSARY BY THE OWNER.
- 8. DRAINAGE SYSTEMS SHALL BE MAINTAINED, KEPT FREE OF DEBRIS, AND IN OPERATING CONDITION AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RE-GRADED AS REQUIRED BY THE ENGINEER. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- 9. ALL SIGNS, MAILBOXES, FENCING, LANDSCAPING, ETC. SHALL BE PROTECTED DURING CONSTRUCTION. SHOULD IT BE REQUIRED TO REMOVE OR DISTURB SUCH ITEMS, THE CONTRACTOR SHALL SEEK APPROVAL FRO/I THE OWNER FIRST AND IF APPROVED. THE REMOVAL OR DISTURBANCE OF SUCH ITEMS WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER. SHOULD THE OWNER DEEM ANY ITEMS AS DAMAGED. THE CONTRACTOR SHALL REPLACE THE ITEM IN LIKE AND KIND AT NO ADDITIONAL EXPENSE TO DEKALB COUNTY.

  TRANSPLANTED AND/OR REPLACED ITEMS SHALL BE GUARANTEED BY THE CONTRACTOR FOR ONE YEAR AFTER WORK IS COMPLETED. TRAFFIC CONTROL SIGNS AND MAIL BOXES SHALL BE REPLACED THE DAY OF THEIR REMOVAL.
- 10. CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT THAT SHALL BE APPROVED BY THE DEKALB DWM INSPECTOR PRIOR TO USE. ALL SPOIL MATERIALS. REFUSE. AND DEBRIS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND LEGALLY DISPOSED OF AT AN APPROPRIATE OFFSITE LOCATION. BURNING OF REFUSE. DEBRIS. OR SPOIL MATERIAL AT THE PROJECT SITE IS NOT ALLOWED.
- 11. ALL PROJECT SITE AREAS DISTURBED BY CONTRACTOR OPERATIONS SHALL BE STABILIZED WITH PERMANENT GRASSING UNLESS OTHERWISE NOTED. PERMANENT GRASSING SHALL BE SOD UNLESS OTHERWISE SPECIFICALLY NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE OWNER. ANY AREAS OUTSIDE THE PROJECT SITE AREA THAT ARE DISTURBED SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR.
- 12. THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRAVEL. PAVED, OR CONCRETE ENTRANCES, DRIVES, DRIVEWAYS. AND APRONS TO PRECONSTRUCTION CONDITIONS AND IN ACCORDANCE WITH APPLICABLE DOT AND DEKALB COUNTY STANDARDS AND REQUIREMENTS.
- 13. THE SIZE. TYPE. MATERIALS, AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE BEST AVAILABLE INFORMATION. SUBSURFACE UTILITY INFORMATION SHOWN IS APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL UTILITIES AND OTHER FEATURES ARE REPRESENTED ON THE PLANS ARE CORRECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION AND SIZE OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- 14. IF THE CONTRACTOR ENCOUNTERS SUBSURFACE CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE PLANS. HE SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER. NO EXISTING UTILITY SHALL BE DISTURBED WITHOUT PROPERTY AUTHORITY AND THEN ONLY IN SUCH A MANNER AS PRESCRIBED AND APPROVED BY THE OWNER OF THE EXISTING UTILITY.
- 15. SHOULD IT BECOME NECESSARY TO DISTURB AN EXISTING UTILITY, THE CONTRACTOR IS TO NOTIFY THE OWNER AND THE OWNER OF THE UTILITY WHEN NECESSARY. CONTRACTOR IS TO CEASE WORK UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE WITH THE UTILITY OWNER TO PROPERLY CARE FOR AND RELOCATE THE UTILITY. NO CLAIMS SHALL BE ALLOWED THE CONTRACTOR ON ACCOUNT OF ANY DELAY OCCASIONED THEREBY.
- 16. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FRO/I DAMAGE. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EITHER THE CONTRACTOR OR UTILITY OWNER WILL PERFORM THE REPAIR AT THE DISCRETION OF THE UTILITY OWNER. NO CLAIMS FOR DAMAGES SHALL BE ALLOWED THE CONTRACTOR ON ACCOUNT OF ANY DELAY OCCASIONED THEREBY.
- 17. THE CONTRACTOR SHALL PROVIDE ALL PIPE FITTINGS AND APPURTENANCES REQUIRED FOR THE COMPLETE INSTALLATION OF THE PROPOSED PIPELINE. WHETHER OR NOT SUCH ITEMS ARE SHOWN OR CALLED OUT ON THE PLANS. THE CONTRACTOR IS ADVISED THAT FIELD ADJUSTMENTS MAY BE REQUIRED BASED ON ACTUAL SUBSURFACE CONDITIONS AND LOCATIONS OF EXISTING BURIED UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL NOT RECEIVE ANY ADDITIONAL PAYMENT OR TIME EXTENSION FOR ITEMS NOT BEING SHOWN IN PLANS OR FOR FIELD ADJUSTMENTS MADE DUE TO ACTUAL SUBSURFACE CONDITIONS AND UTILITY LOCATION.
- 18. AT COMPLETION OF CONSTRUCTION. ALL VALVE BOXES. METERS. AND APPURTENANCES SHALL BE SET FOR PROPER FINISH GRADE.PRECAST STRUCTURES. MANHOLE FRAMES AND COVERS ARE TO BE SET FLUSH WITH FINISHED GRADE UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIFICATIONS.
- 19. ALL ITEMS AND MATERIAL SHOWN TO BE SALVAGED SHALL BE RETURNED TO THE DWM WAREHOUSE LOCATED AT 1580 ROADHAVEN DRIVE. STONE MOUNTAIN GA.
- 20. BACKFLOW PREVENTION DEVICES SHALL BE RELOCATED BY PROPERTY OWNER.
- 21. ALL WATER METERS IN CONFLICT SHALL BE RELOCATED WITHIN THE EASEMENT FOR UTILITIES. EXACT LOCATION OF ADJUSTMENTS WILL BE DETERMINED IN THE FIELD.

### ADDITIONAL NOTES

- 1. THE CONTRACTOR IS REQUIRED TO PERFORM PRE-CONSTRUCTION VIDEO OF THE ENTIRE CONSTRUCTION AREA PRIOR TO ANY
  CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGED PROPERTY WITHIN THE CONSTRUCTION AREA THAT DIFFERS OR IS NOT
  SHOWN ON THE PRE-CONSTRUCTION VIDEO.
- 2. CONTRACTOR IS RESPONSIBLE FOR THE HORIZONTAL/VERTICAL LOCATING OF EXISTING UTILITIES INCLUDING ANY UTILITIES NOT SHOWN ON PLANS AND MAINTAINING UTILITY SERVICES AND SHALL REPAIR AND/OR REPLACE ANY DAMAGED SERVICES AS SOON AS POSSIBLE.
- 3. STORM WATER MANAGEMENT FOR THIS PROJECT IS PROVIDED ON-SITE. STORM WATER MANAGEMENT FOR THIS PROJECT CONSISTS OF TEMPORARY EROSION AND SEDIMENT CONTROLS TO BE INSTALLED DURING THE PROPOSED WORK. AT THE COMPLETION OF THE PROJECT THE TEMPORARY MEASURE SHALL BE REMOVED.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SAFETY AS WELL AS THE WAYS. MEANS AND METHODS OF CONSTRUCTION.
- 5. WHERE CONCRETE IS USED FOR BLOCKING, SUPPORTING, BACKFILLING, OR ANY APPLICATION WHERE IT MAY CONTACT PROPOSED OR EXISTING FITTINGS OR VALVES. THE FITTING OR VALVE SHALL BE WRAPPED IN POLYETHYLENE TO PREVENT BONDING.
- 6. ALL VALVES SHALL BE PROVIDED WITH VALVE BOX AND SHALL BE MARKED BY CONCRETE VALVE MARKERS.
- 7. CONTRACTOR SHALL PROVIDE PROPER RESTRAINT NECESSARY FOR PRESSURF TESTING.
- 8. WATER AND SEWER FEES NEED TO BE PAID BY THE CONTRACTOR UNDER THE FOLLOWING CIRCUMSTANCES, NEW CONSTRUCTION, REDEVELOPMENT, ADDITIONS, CHANGE OF USE, ETC. CONTRACTOR TO DETERMINE COST PRIOR TO BID AND INCLUDE INCIDENTAL TO THE WORK. THESE FEES ARE PAID AT 330 W. PONCE DE LEON AVENUE, 2ND FLOOR. FAILURE TO SETTLE THESE FEES SHALL RESULT IN DELAYS FOR OBTAINING WATER AND SEWER APPROVAL. CALL 404 371-4918 FOR FEE CALCULATIONS OR ANY QUESTIONS.
- 9. FIELD CHANGES DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE D WM ENGINEER & PROJECT MANAGER BEFORE CHANGES ARE IMPLEMENTED.
- 10. ALL ITEMS WHICH MUST BE REMOVED DURING CONSTRUCTION AND ARE NOT SPECIFICALLY SHOWN TO BE PAID FOR OTHERWISE.
  SHALL BE REMOVED AND PAID FOR IN THE UNIT PRICE BID FOR WATER MAIN. NO CLAIMS WILL BE CONSIDERED FOR EXTRA
  COMPENSATION.
- 11. CONTRACTOR TO SEQUENCE WATER MAIN INSTALLATION SO AS NOT TO DAMAGE EXISTING WATER MAINS AND/OR DISRUPT EXISTING SERVICE.
- 12. THE CONTRACTOR IS TO MAINTAIN COMPLETE RECORDS AS LINE-WORK PROGRESSES AND SUBMIT WITH MONTHLY PAY APPLICATION.
- 13. USED BEDDING AS RECOMMENDED PER STANDARD. BEDDING SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT. COST SHALL BE INCLUDED IN THE UNIT PRICE BID FOR WATER **MAINS.** NO CLAIM WILL BE CONSIDERED FOR EXTRA COMPENSATION.
- 14. THE CONTRACTOR IS REQUIRED TO NOTIFY IN ADVANCE IN WRITING. ALL RESIDENTS IN THE AREA AFFECTED BY THE WORK TO BE PERFORMED. THE NOTICE SHALL SHOW THE STARTING AND FINISHING DATES.
- 15. PLUG OF EXISTING WATER MAINS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT. COST SHALL BE INCLUDED IN OTHER WORK.
  NO CLAIMS WILL BE CONSIDERED FOR EXTRA COMPENSATION.
- 16. ALL NEW PIPE TO BE INSTALLED MUST HAVE MECHANICALLY RESTRAINED JOINTS. THRUST BLOCKS ARE REQUIRED AT CONNECTIONS TO EXISTING MAINS OR WHERE UNBALANCED FORCES ARE PRESENT.
- 17. ALL MANHOLES LOCATED WITHIN ROADWAYS SHALL BE INSTALLED WITH CONCRETE COLLARS AND TRAFFIC RATED MANHOLE FRAMES
  AND COVERS PER GDOT STANDARDS.
- 18. PAYMENT FOR UNIT PRICE ITEMS SHALL INCLUDE ALL LABOR, EQUIPMENT, TOOLS, MATERIALS, AND PERFORMING OPERATIONS
  REQUIRED TO COMPLETE THE WORK SATISFACTORILY IN PLACE AS SPECIFIED AND AS INDICATED ON THE DRAWINGS. THE COST OF
  WORK NOT DIRECTLY COVERED BY THE PAY ITEMS SHALL BE CONSIDERED INCIDENTAL WITH NO ADDITIONAL COMPENSATION.
- 19. IN THE EVENT OF AN EMERGENCY. CONTRACTOR SHALL IMMEDIATELY CONTACT DWM DISPATCH AT 404-270-6423.
- 20. ALL VALVES, ARV'S, AND BLOW OFF ASSEMBLIES LOCATED WITHIN THE ROADWAY SHALL BE HOUSED IN A MANHOLE WITH TRAFFIC RATED COVERS.
- 21. ALL NEW WATER MAINS SHALL BE SUCCESSFULLY TESTED, DISINFECTED, AND APPROVED BY DWM PRIOR TO CONNECTION TO EXISTING MAINS OR SERVICES.







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UTILITY PLAN — DEKALB COUNTY WATERMAIN NOTES

PHASE 2
HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:
City of Tucker

& DETAILS

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

Tucker, GA 30084

Dekalb County, GA

DATUM: HORIZ.:

JOB NO: 30603.0000

DATE: 03/26/24

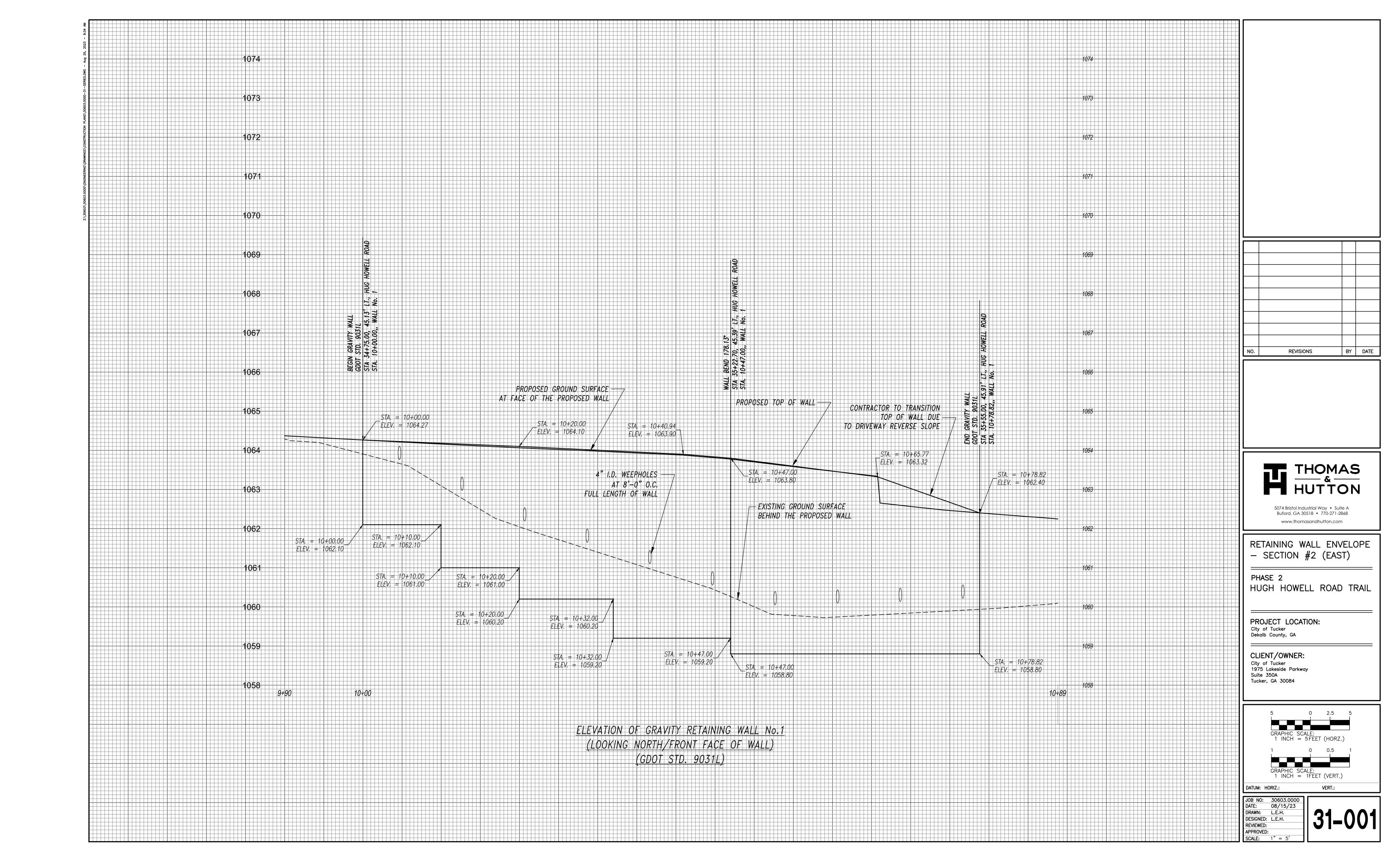
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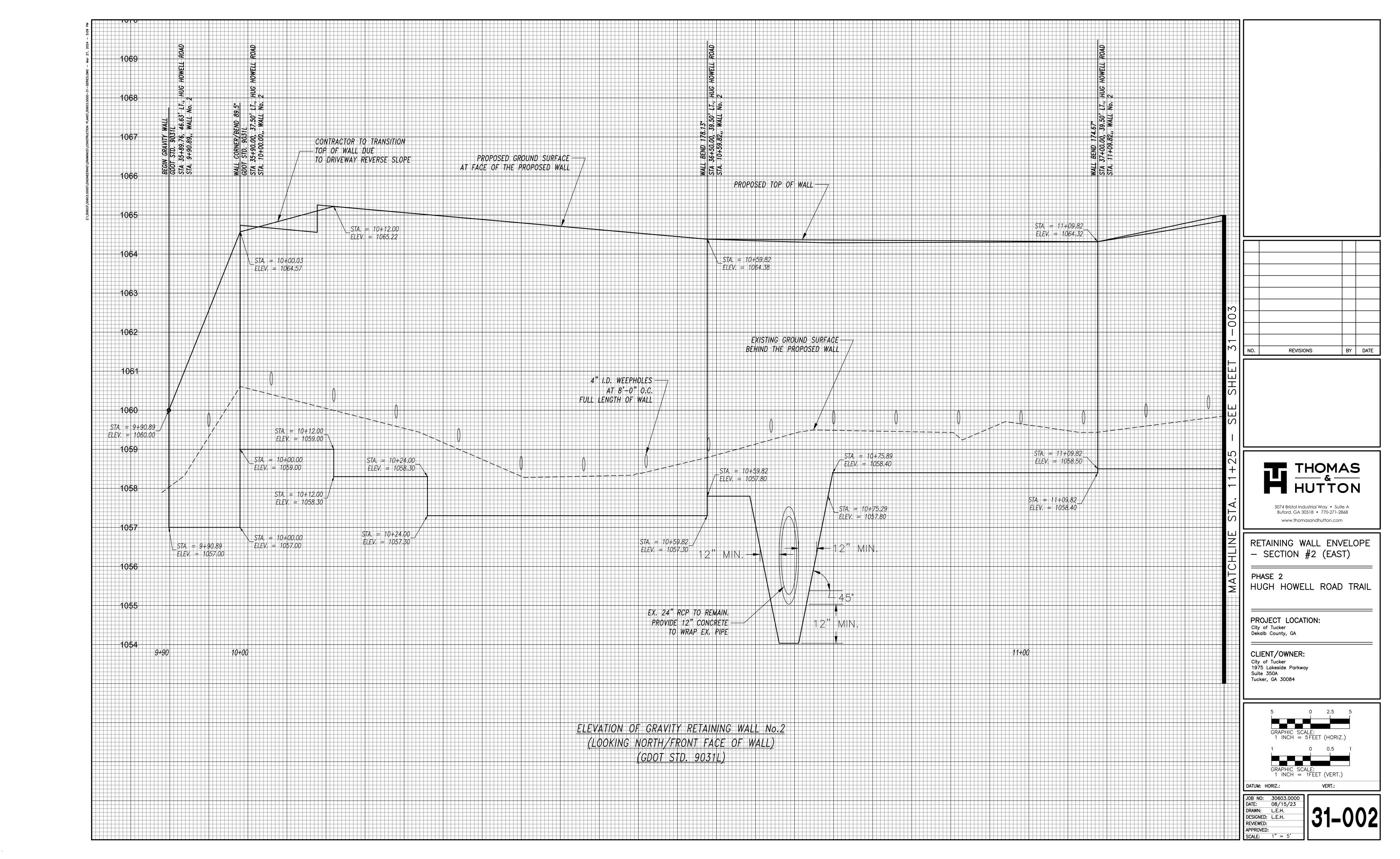
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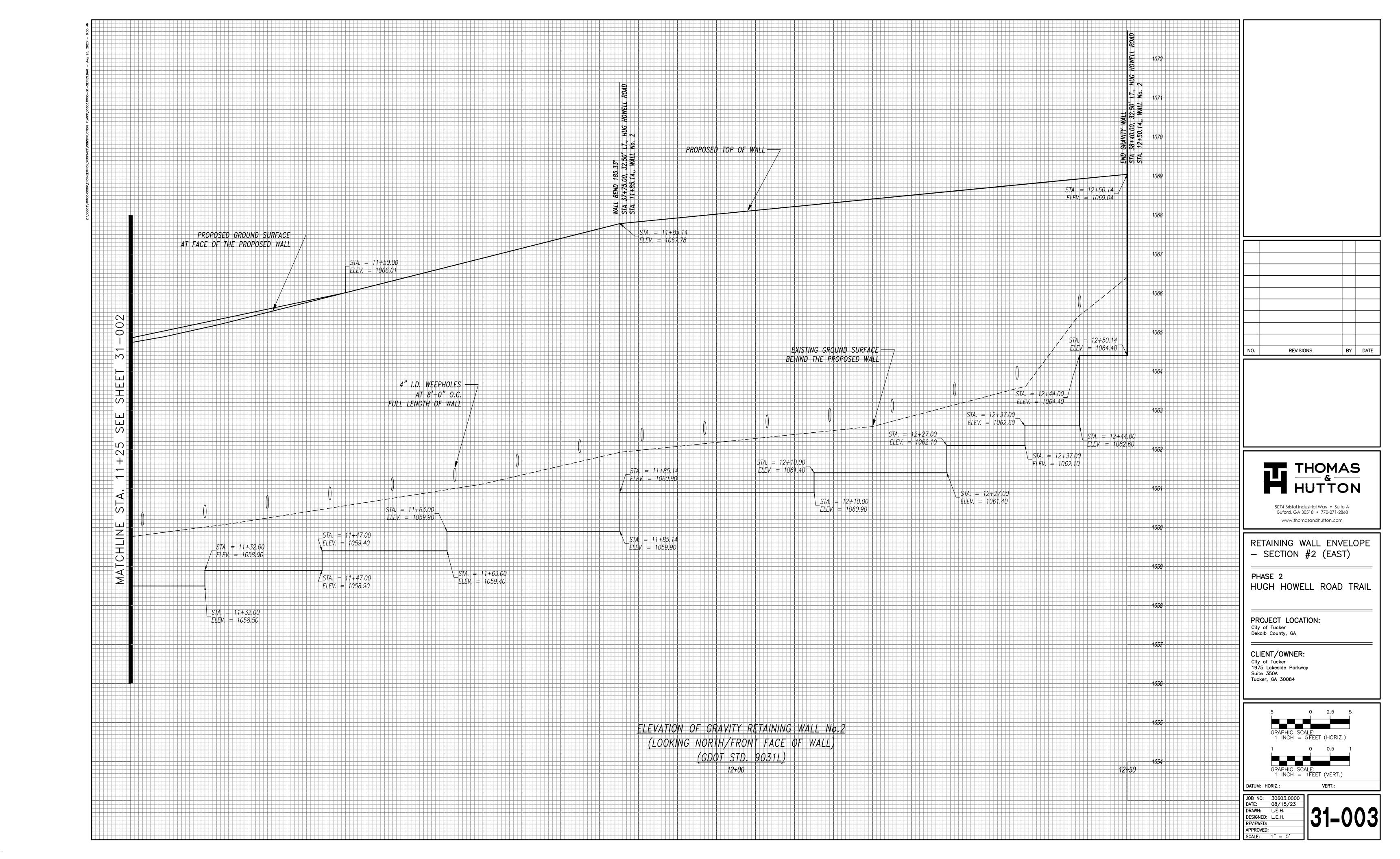
REVIEWED:

APPROVED:

24-007







#### EROSION. SEDIMENT. AND POLLUTION CONTROL GENERAL NOTES

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.

EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE CONTROL, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

PRE-DEVELOPED ESTIMATED RUNOFF COEFFICIENT C = 0.57

POST-DEVELOPED ESTIMATED RUNOFF COEFFICIENT C = 0.61

#### PROJECT RECEIVING WATERS:

PROJECT SECTION #1 (HUGH HOWELL ROAD — WEST): TRIBUTARY TO CAMP CREEK (TO NORTH OF

PROJECT SECTION #2 (HUGH HOWELL ROAD — EAST): BEGIN (WEST PORTION) OF SECTION IS TRIBUTARY TO STONE MOUNTAIN CREEK (TO SOUTH OF PROJECT) AND END (EAST PORTION) OF SECTION IS TRIBUTARY TO CAMP CREEK (TO NORTH OF PROJECT).

THERE IS NOT FLOODPLAIN ON THIS PROJECT FROM A WATERCOURSE WITH A DRAINAGE AREA EXCEEDING 100 ACRES OR FLOODPLAIN PER FIRM PANEL NUMBERS 13217C0127D REVISED MARCH 17

THERE ARE NO WETLANDS BEING DISTURBED ON THIS SITE.

THERE ARE NO STREAM BUFFERS ON THIS PROJECT.

## PLAN ALTERATIONS:

THIS EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN (ESPCP) ADDRESSES THE STAGED CONSTRUCTION OF THE PROJÉCT ON THE BASIS OF COMMON CÒNSTRÚCTION METHODS AND TECHNIQUES. F THE CONTRACTOR ELECTS TO ALTER THE STAGED CONSTRUCTION FROM THAT SHOWN IN THE PLANS OR UTILIZE CONSTRUCTION TECHNIQUES THAT RENDER THIS PLAN INEFFECTIVE, THE CONTRACTOR SHALL REVISE THE PLANS IN ACCORDANCE TO SPECIAL PROVISION 161 OF THE CONTRACT.

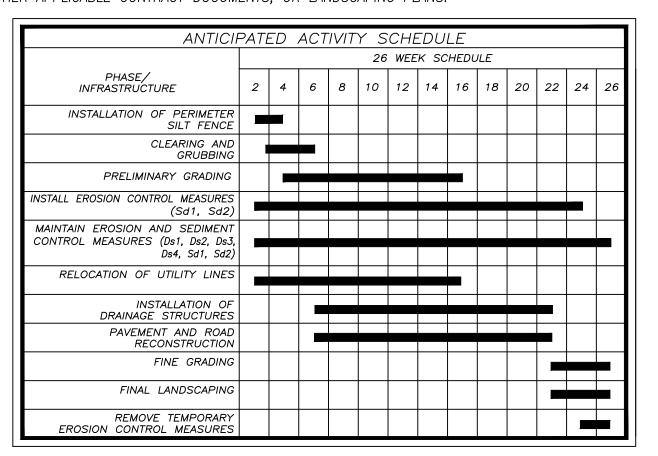
AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC ĆOMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. AN UPDATED COPY OF THE ESPCP PLAN SHALL BE KEPT ON-SITE.

### TEMPORARY MULCHING:

EPD GENERAL PERMIT GAR 100002 STATES THAT ANY DISTURBED AREA WHERE CONSTRUCTION ACTIVITIES AS SOON AS PRACTICABLE WITH A SUITABLE MATERIAL LISTED IN STANDARD SPECIFICATION (OR SPECIAL PROVISION) SECTIONS 163, 700, OR 711. HOWEVER IN SPECIAL CASES, THE PROJECT ENGINEER MAY REQUIRE THE CONTRACTOR TO PERFORM STABILIZATION MORE OFTEN THAN 14 DAYS.

## VEGETATION AND PLANTING SCHEDULE:

ALL TEMPORARY AND PERMANENT VEGETATIVE PRACTICES INCLUDING PLANT SPECIES, PLANTING DATES, SEEDING, FERTILIZING, LIMING, AND MULCHING FOR THIS PROJECT CAN BE FOUND IN SECTION 700 OF THE CURRENT EDITION OF THE DEPARTMENT'S STANDARD SPECIFICATIONS (OR SPECIAL PROVISIONS) AND OTHER APPLICABLE CONTRACT DOCUMENTS, OR LANDSCAPING PLANS.



## DESCRIPTION OF PROPOSED CONSTRUCTION ACTIVITY:

-INITIAL PHASE CONSISTS OF THE INSTALLATION AND MAINTENANCE OF PERIMETER SILT FENCING. CHECK DAMS, AND TEMPORARY GRASSING AND STABILIZATION AS SHOWN ON THE EC&SP (REFER TO DRAWING Nos. 54-001 TO 54-006). CONSTRUCTION ACTIVITIES SHALL INCLUDE CLEARING AND GRUBBING AND PRELIMINARY GRADING.

-INTERMEDIATE AND FINAL PHASE(S) CONSISTS OF THE INSTALLATION OF THE ADDITIONAL EROSION CONTROL MEASUREMENTS REQUIRÈÓ FOR GRADING, UTILITY ADJUSTMENTS, AND CONCRETE TRAIL CONSTRUCTION. CONTRACTOR SHALL MAINTAIN THE EXISTING EROSION CONTROL MEASUREMENTS AND PROVIDE TEMPORARY AND FINAL STABILIZATION OVER THE DISTURBED / GRADED AREAS. (REFER TO DRAWING No.s 54-007 TO 54-018).

## EXISTING SITE CONDITIONS:

- THE PROJECT SITE IS LOCATED ALONG HUGH HOWELL ROAD AND CONSISTS OF TWO SECTIONS: SECTION #1: FROM THE END OF THE EXISTING 10 FOOT TRAIL IN FRONT HUGH HOWELL MARKETPLACE TO THE EXISTING 10 FOOT TRAIL AT SMOKE RISE ELEMENTARY SCHOOL (APPROXIMATELY 720 L.F.). HUGH HOWELL ROAD IS A MULTI-LANE ASPHALT PAVED ROADWAY AND URBAN SHOULDERS
- SECTION #2: FROM MARTHASVILLE COURT TO STRATMOR DRIVE (APPROXIMATELY 1920 L.F.). DOUGLAS" COUNTY. GA. HUGH HOWELL ROAD CONSISTS OF A TWO—LANE ASPHALT PAVED ROADWAY AND RURAL SHOULDERS.



### PETROLEUM STORAGE, SPILLS AND LEAKS: (NCR-PHONE-NUMBER: 1-800-424-8802)

THESE PLANS EXPRESSLY DELEGATE THE RESPONSIBILITY OF PROPER ON—SITE HAZARDOUS MATERIAL MANAGEMENT TO THE CONTRACTOR. THE CONTRACTOR SHALL AT A MINIMUM PROVIDE AN ACTION PLAN AND KEEP THE NECESSARY MATERIALS ON SITE FOR THE CAPTURE, CLEAN UP, AND DISPOSAL OF ANY PETROLEUM PRODUCT, OR OTHER HAZARDOUS MATERIAL, LEAKS OR SPILLS ASSOCIATED WITH THE SERVICING, REFUELING OR OPERATION OF ANY EQUIPMENT UTILIZED AT THE SITE. A COPY OF THE ACTION PLAN SHALL BE SUBMITTED TO THE PROJECT ENGINEER AND MAINTAINED ON THE PROJECT SITE. ALL PERSONNEL OPERATING OR SERVICING EQUIPMENT SHALL BE FAMILIAR WITH THE ACTION PLAN. THE CONTRACTOR SHALL NOT PARK, REFUEL, OR MAINTAIN EQUIPMENT WITHIN STREAM BUFFERS.

IF THE CONTRACTOR FLECTS TO STORE PETROLEUM PRODUCTS ON SITE, THE CONTRACTOR SHALL PREPARE AN ESPCP ADDENDUM THAT ADDRESSES THE ADDITIONAL BMPS NEEDED FOR ONSITE STORAGE AND SPILL PREVENTION FOR PETROLEUM PRODUCTS. THIS PLAN SHALL BE PREPARED BY A CERTIFIED DESIGN PROFESSIONAL AS REQUIRED BY GAR100002 FOR INCLUSION WITH THESE PLANS. THE CONTRACTOR'S ATTENTION IS SPECIFICALLY DIRECTED TO STANDARD SPECIFICATION 107-LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC FOR ADDITIONAL REQUIREMENTS.

### POST-CONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT:

VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL FOR THE PURPOSE OF PROVIDING A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATERCOURSE. OPERATORS, AS DEFINED IN THE NPDES PERMIT REGULATIONS, ARE RESPONSIBLE FOR THE PROPER INSTALLATION AND TIMELY MAINTENANCE OF STORM WATER MANAGEMENT MEASURES TO KEEP THEM IN GOOD AND EFFECTIVE OPERATING CONDITION UP TO FINAL STABILIZATION AND APPROVAL BY THE LOCAL GOVERNING AUTHORITY.

BMP'S AS SHOWN ON THE EROSION CONTROL PLANS WILL BE ADEQUATE TO CONTROL SEDIMENT RUNOFF AT THESE LOCATIONS. LAND DISTURBANCE ACTIVITIES ASSOCIATED WITH CONSTRUCTING AND REMOVING A SEDIMENT BASIN AT THESE LOCATIONS WOULD CAUSE ADDITIONAL ADVERSE IMPACTS.

### SILT FENCE INSTALLATION WITH J-HOOKS AND SPURS:

SILT FENCE SHOULD NEVER BE RUN CONTINUOUSLY. THE SILT FENCE SHOULD TURN BACK INTO THE FILL OR SLOPE TO CREATE SMALL POCKETS THAT TRAP SILT AND FORCE STORMWATER TO FLOW THROUGH THE SILT FENCE. THIS TECHNIQUE IS CALLED USING J HOOKS (OR SPURS). THE J HOOKS SHALL BE UTILIZED ON ALL SILT FENCES THAT ARE LOCATED AROUND THE PERIMETER OF THE PROJECT AND ALONG THE TOE OF EMBANKMENTS OR SLOPES. THE J HOOKS SHALL BE SPACED IN ACCORDANCE WITH GDOT CONSTRUCTION DETAIL D-24C. THE MAXIMUM J-HOOK SPACING IS REACHED WHEN THE TOP OF THE J HOOK IS AT THE SAME ELEVATION AS THE BOTTOM OF THE IMMEDIATELY UPGRADIENT J HOOK. J HOOKS HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITHIN 14 DAYS OF SUCH CESSATION | SHALL BE PAID FOR AS SILT FENCE ITEMS PER LINEAR FOOT. ALL COSTS AND OTHER INCIDENTAL ITEMS ARE INCLUDED IN COST OF INSTALLING AND MAINTAINING THE SILT FENCE.

### SITE STABILIZATION AND BMP MAINTENANCE MEASURES:

SEE THE DEPARTMENT'S STANDARD SPECIFICATIONS (OR SPECIAL PROVISIONS) 161, 163, 165, 700, 711, AND OTHER CONTRACT DOCUMENTS FOR STABILIZATION AND MAINTENANCE MEASURES.

#### **WASTE DISPOSAL:**

WHERE ATTAINABLE, LOCATE WASTE COLLECTION AREAS, DUMPSTERS, TRASH CANS AND PORTABLE TOILETS AT LEAST 50 FEET AWAY FROM STREETS, GUTTERS, WATERCOURSES AND STORM DRAINS. SECONDARY CONTAINMENT SHALL BE PROVIDED AROUND LIQUID WASTE COLLECTION AREAS TO MINIMIZE THE LIKELIHOOD OF CONTAMINATED DISCHARGES. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE STATE AND LOCAL WASTE STORAGE AND DISPOSAL REGULATIONS AND OBTAIN ALL NECESSARY PERMITS. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

## **INSPECTIONS:**

THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE ESPCP. OR AN ALTERNATIVE DESIGN PROFESSIONAL APPROVED BY EPD IN WRITING, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITHIN SEVEN (7) DAYS OF INSTALLATION OVER THE ENTIRE INFRASTRUCTURE PROJECT. ALTERNATIVELY, FOR LINEAR INFRASTRUCTURE PROJECTS, THE PERMITTEE MUST RETAIN EITHER OF THESE PERSONNEL TO INSPECT THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS FOR THE INITIAL SEGMENT, AS DEFINED BY PART IV.A.5. OF THE CURRENT GAR100002 PERMIT, WITHIN SEVEN (7) DAYS OF INSTALLATION AND ALL SEDIMENT BASINS WITHIN THE ENTIRE LINEAR INFRASTRUCTURE PROJECT WITHIN SEVEN (7) DAYS OF INSTALLATION. THE INSPECTING DESIGN PROFESSIONAL SHALL REPORT THE RESULTS TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS, AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT, UNLESS ON—SITE WEATHER CONDITIONS ARE SUCH THAT MORE TIME IS REQUIRED. ADDITIONALLY, THE PROJECT ENGINEER WILL BE RESPONSIBLE FOR ALL SUBSEQUENT SEVEN-DAY INSPECTIONS FOR ALL NEW BMP INSTALLATIONS.

ALL OTHER INSPECTIONS SHALL BE DOCUMENTED ON THE APPROPRIATE DEPARTMENT INSPECTION FORMS. SEE STANDARD SPECIFICATION (OR SPECIAL PROVISION) 167 AND OTHER CONTRACT DOCUMENTS FOR INSPECTION REQUIREMENTS. THESE INSPECTIONS SHALL CONTINUE UNTIL THE NOTICE OF TERMINATION (NOT) IS SUBMITTED.

FAILURE TO PERFORM INSPECTIONS AS REQUIRED BY THE CONTRACT DOCUMENTS AND THE NPDES PERMIT SHALL RESULT IN THE CESSATION OF ALL CONSTRUCTION ACTIVITIES WITH THE EXCEPTION OF TRAFFIC CONTROL AND EROSION CONTROL. CONTINUED FAILURE TO PERFORM INSPECTIONS SHALL RESULT IN NON-REFUNDABLE DEDUCTIONS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

## NON-STORMWATER DISCHARGES:

NON-STORMWATER DISCHARGES DEFINED IN PART III.A.2 OF THE NPDES PERMIT WILL BE IDENTIFIED AFTER CONSTRUCTION HAS COMMENCED. THESE DISCHARGES SHALL BE SUBJECT TO THE SAME REQUIREMENTS AS STORM WATER DISCHARGES REQUIRED BY THE GEORGIA EROSION AND SEDIMENTATION CONTROL ACT, THE NPDES PERMIT, THE CLEAN WATER ACT, THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, DEPARTMENT STANDARDS, AND OTHER CONTRACT DOCUMENTS. THE NPDES DOES NOT AUTHORIZE THE DISCHARGE OF SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING OR THE DISCHARGE OF WASTEWATER CONTAINING STUCCO. PAINT, OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS.

## **DEWATERING AND PUMPING ACTIVITIES:**

ANY PUMPED DISCHARGE FROM AN EXCAVATION OR DISTURBED AREA SHALL BE ROUTED THROUGH AN APPROPRIATELY SIZED SEDIMENT BASIN, SILT FILTER BAG, OR SHALL BE TREATED EQUIVALENTLY WITH SUITABLE BMP'S. THE CONTRACTOR SHALL ENSURE THE POST BMP TREATED DISCHARGE IS SHEET FLOWING. FAILURE TO CREATE SHEET FLOW WILL OBLIGATE THE CONTRACTOR TO PERFORM WATER QUALITY SAMPLING OF PUMPED DISCHARGES. THE CONTRACTOR SHALL PREPARE SAMPLING PLANS IN ACCORDANCE WITH THE CURRENT GAR100002 NPDES PERMIT BY UTILIZING A CERTIFIED DESIGN PROFESSIONAL. NO SEPARATE PAYMENT WILL BE MADE FOR WATER QUALITY SAMPLING OF PUMP DISCHARGES.

## OTHER CONTROLS:

THE CONTRACTOR SHALL FOLLOW THIS ESPCP AND ENSURE AND DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE STATE AND/OR LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER AND SEPTIC SYSTEMS, AND PETROLEUM STORAGE.

THE CONTRACTOR SHALL CONTROL DUST FROM THE SITE IN ACCORDANCE WITH SECTION 161 OF THE CURRENT EDITION OF THE DEPARTMENT'S STANDARD SPECIFICATIONS.

### **BUILDING MATERIALS:**

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

FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE, PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO STORMWATER, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THESE AREAS. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSES LITTLE RISK TO STORMWATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

#### RETENTION OF RECORDS:

THE PRIMARY PERMITTEE WILL RETAIN ALL RECORDS RELATED TO THE IMPLEMENTATION OF THIS ESPCP IN ACCORDANCE WITH PART IV.F OF THE GENERAL PERMIT GAR100002.

### SEDIMENT STORAGE:

TOTAL PROJECT AREA: ±3.38 AC. THE SITE HAS A TOTAL DISTURBED AREA OF 2.09 ACRES. THE FOLLOWING TABLE SUMMARIZES THE REQUIRED AND AVAILABLE SEDIMENT STORAGE THIS

TO PREVENT RUNOFF FROM BYPASSING INLET SEDIMENT TRAPS, A TEMPORARY SUMP SHALL BE INSTALLED AROUND ALL INLET SEDIMENT TRAPS THAT ARE NOT LOCATED IN A LOW POINT OR AN EXCAVATED SUMP. CONSTRUCT TEMPORARY SUMPS IN ACCORDANCE WITH CONSTRUCTION DETAIL D-24C. TEMPORARY SUMPS SHALL BE INSTALLED IN A MANNER THAT ENSURES STORMWATER DOES NOT BYPASS THE INLET. THE CONTRACTOR MAY SUBMIT ALTERNATE TEMPORARY CONTAINMENT BERM DESIGNS TO THE PROJECT ENGINEER FOR APPROVAL.

# PLANS COMPLETED:

REVISIONS									
DATE	REQUESTED BY	PAGE NUMBER	SIGNATURE	GSWCC LEVEL II					

TEMPORARY SEDIMENT BASIN DETAILS:

SEDIMENT BASINS WILL NOT BE UTILIZED FOR THIS PROJECT.

BMP'S AS SHOWN ON THE EROSION CONTROL PLANS WILL BE ADEQUATE TO CONTROL SEDIMENT RUNOFF AT THESE LOCATIONS. LAND DISTURBANCE ACTIVITIES ASSOCIATED WITH CONSTRUCTING AND REMOVING A SEDIMENT BASIN AT THESE LOCATIONS WOULD CAUSE ADDITIONAL ADVERSE IMPACTS.

USE OF ALTERNATIVE AND/OR ADDITIONAL BMP'S:

NO ALTERNATIVE OR ADDITIONAL BMPS WILL BE USED ON THIS PROJECT.

DISCHARGES INTO OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT:

THIS PROJECT DOES NOT DISCHARGE STORM WATER WITHIN 1 MILE AND WITHIN THE WATERSHED OF AN IDENTIFIED IMPAIRED STREAM SEGMENT.

STREAM AND OPEN-WATER BUFFER ENCROACHMENTS:

STREAM BUFFERS. AS DEFINED BY O.C.G.A. 12-7-1. ARE NOT IMPACTED BY THIS PROJECT.

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

THE CONTRACTOR IS NOT AUTHORIZED TO ENTER INTO STREAM BUFFERS.

HUGH HOWELL ROAD — PHASE 2 HUGH HOWELL ROAD TRAIL - PHASE 2 SECTION #1 (WEST) SECTION #2 (EAST) BEGIN PROJECT STA 10+00.00 END PROJECT STA 40+50.00 LATITUDE 33°50'56.6" (33.84904330°) LATITUDE 33°50'54.1" (33.84836393°) LONGITUDE 84°11'49.5" (84.19709399°) LONGITUDE 84°10'53.4" (84.18148480°)

PRIMARY PERMITTEE: CITY OF TUCKER 1975 LAKESIDE PARKWAY, SUITE 350 TUCKER. GA 30084 CONTACT: MR. KEN HILDEBRANDT, khildebrandt@tuckerga.gov (770) 865-5645

## *24 HOUR CONTACT*

NAME: MR. KEN HILDEBRANDT ADDRESS: 1975 LAKESIDE PARKWAY, SUITE 350, TUCKER, GA 30084 PHONE NUMBER: (770) 865-5645 EMAIL ADDRESS: khildebrandt@tuckerga.gov

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with part IV GAR 100002."

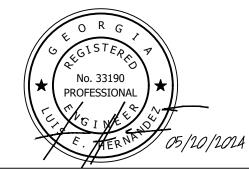
"I certify that the permittee's Erosion. Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control in Georgia" (Manual), published by the Georgia Soil and Water Conservation Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for the sampling of the receiving water(s) or the sampling of the stormwater outfalls and that the design system of best management practices and sampling methods is expected to meet the requirements contained in the general NPDES Permit No. 100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and intermittent streams and other water bodies, or (b) where any such specific identified perennial or intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgement, utilizing the factors required in the General NPDES Permit No. GAR 100002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."

"I certify under penalty of law that this plan was prepared after a site visit to the location described herein by myself or my authorized agent, under my direct supervision.

LEVEL II CERTIFIED DESIGN PROFESSIONAL No. 0000021332





## SEDIMENT STORAGE TABLE

THE SITE HAS A TOTAL DISTURBED AREA OF 2.09 ACRES. THE FOLLOWING TABLE SUMMARIZES THE REQUIRED AND AVAILABLE SEDIMENT STORAGE FOR EVERY OUTFALL ON THIS PROJECT. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THE STORAGE VOLUMES FOR THE BMP'S SPECIFIED IN THIS TABLE.

	NOIL	E )	5.0	D T T	D D	CHECK (C.Y./	DAMS EACH)	INLET SEDIN (C.Y./	MENT TRAPS (EACH)	SILT ( (C.Y./I	GATES EACH)	SILT F (0.3 C.Y	ENCE (./FEET)	NOTES
	DESCRIPTION	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLU, (C.Y.)	TOTAL STORAGE VOLUME PROVIDED (C.Y.)	NO. OF DEVICES	707AL VOL. (C.Y.)	NO. OF DEVICES	TOTAL VOL. (C.Y.)	NO. OF DEVICES	707AL VOL. (C.Y.)	LENGHT OF FENCE (FT)	TOTAL VOL. (C.Y.)	
OUTFALL "A"	OUTFALL "A1"	4.07	0.33	272.69	200.0	0	0	5	23.0	N/A	0	590	177	*SEE NOTE BELOW
OUTFALL "B"	OUTFALL "B1"	2.23	0.12	149.41	35.8	1	10	3	13.8	N/A	0	40	12	*SEE NOTE BELOW
OUTFALL "C"	OUTFALL "C1"	2.94	0.82	196.98	278.2	6	60	7	32.2	N/A	0	620	186	
OUTFALL "D"	OUTFALL "D1"	4.72	0.28 316.24 166.8 0		0	3	13.8	N/A	0	510	153	*SEE NOTE BELOW		
SHEETFLOW AREA #01	SHEETFLOW	SHEETFLOW 0.13		8.71	90	N/A	0	0	0	N/A	0	300	90	О
SHEETFLOW AREA #02	SHEETFLOW	0.16	0.16	10.72	141	N/A	0	0	0	N/A	0	470	141	О
SHEETFLOW AREA #03	SHEETFLOW	0.25	0.25	16.75	198	N/A	0	0	0	N/A	0	660	198	О

OUTFALLS "A, B, AND D" DO NOT MEET THE TOTAL STORAGE VOLUME REQUIREMENT BECAUSE THE SIZE OF ITS UNDISTURBED OFFSITE DRAINAGE AREA IS LARGER RELATIVE TO THE SIZE OF THE AREA LOCATED WITHIN THE PROJECT LIMITS WHERE SEDIMENT TRAPPING BMP'S CAN BE PLACED. GIVEN THE LINEAR NATURE OF THE "SITE DRAINAGE AREAS" ASSOCIATED WITH THIS PROJECT CONSTRUCTING TEMPORARY SEDIMENT BASINS IS NOT ATTAINABLE. SILT FENCE, CHECK DAMS, SEDIMENT TRAPS, TEMPORARY AND PERMANENT GRASSING WILL BE USED FOR THE SEDIMENT CONTROL OF THE PROJECT



REVISIONS

BY DATE

5074 Bristol Industrial Way • Suite A Buford, GA 30518 • 770-271-2868 www.thomasandhutton.com

ESPC 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

DATUM: HORIZ.: VERT.:

08/15/23 DRAWN: DESIGNED: L.E.H REVIEWED: APPROVED:

CALE: N.T.S.

#### INSPECTIONS

### A. PRIMARY PERMITTEE

EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF—SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON—WORKING SATURDAY, NON—WORKING SUNDAY AND NON—WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00PM ON ANY FRIDAY OR ON ANY NON—WORKING SATURDAY, NON—WORKING SUNDAY OR ANY NON—WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.a.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E. UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (i.e., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.a.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

## RECEIVING WATER OR OUTFALLS SAMPLING

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 "NDPES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAT THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

# SAMPLING POINTS:

SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDFUNES:

(a). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER 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.

(b). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER 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.

(c). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).

(d). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.

(e). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

(f). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

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(g). PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION). FOR INFRASTRUCTURE CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL OR SILVICULTURAL PURPOSES, FINAL STABILIZATION MAY BE ACCOMPLISHED BY STABILIZING THE DISTURBED LAND FOR ITS AGRICULTURAL OR SILVICULTURAL USE.

(h). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS 111.0 .3. OR 111.0.4., WHICHEVER IS APPLICABLE.

MONITORING OBLIGATIONS SHALL CEASE FOR ANY PHASE OF THE PROJECT THAT HAS BEEN STABILIZED IN ACCORDANCE WITH PART IV.D.6.c.(1).(g).



#### SAMPLING FREQUENCY

- 1. THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
- 2. HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
- 3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(a). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT. AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION;

(b). IN ADDITION TO (a) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES

(c). At the time of sampling performed pursuant to (a) and (b) above, if bmps in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours\* until the selected turbidity standard is attained, or until post—storm event inspections determine that bmps are properly designed, installed and maintained;

(d). WHERE SAMPLING PURSUANT TO (a), (b) OR (c) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.a.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (a), (b) OR (c) ABOVE; AND

(e). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (a) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (b). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (b) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (c) ABOVE.

\* NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (a) AND (b) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

### REPORTING

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

ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

- a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
- b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
- c. THE DATE(S) ANALYSES WERE PERFORMED;
- d. THE TIME(S) ANALYSES WERE INITIATED;
- e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES:
- f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
- g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
- h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND
- i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

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

#### RETENTION OF RECORDS

THE PRIMARY PERMITEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOTICE OF TERMINATION (NOT) IS SUBMITTED IN ACCORDANCE WITH PART VI.

- a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD; b. A COPY OF THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT; c. THE DESIGN'S PROFESSIONAL REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF
- THIS PERMIT; d. A COPY OF ALL MONITORING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
- e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.a. OF THIS PERMIT; f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS
- g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.a.(2) OF THIS PERMIT.

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

## REPORT SUBMITTAL

ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE DIRECTED TO EPD AT THE ADDRESS LISTED BELOW:

MOUNTAIN DISTRICT — ATLANTA SATELLITE GEORGIA ENVIRONMENTAL PROTECTION DIVISION 4244 INTERNATIONAL PARKWAY, SUITE 114 ATLANTA, GA 30354—3906 (404) 362—2671

## READY MIX CHUTE WASH DOWN:

THE WASHING OF READY—MIX CONCRETE DRUMS AND DUMP TRUCK BODIES USED IN THE DELIVERY OF PORTLAND CEMENT CONCRETE IS PROHIBITED

IN ACCORDANCE WITH STANDARD SPECIFICATION 107: LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC, ONLY THE DISCHARGE CHUTE UTILIZED IN THE DELIVERY OF PORTLAND CEMENT CONCRETE MAY BE RINSED FREE OF FRESH CONCRETE REMAINS. THE CONTRACTOR SHALL EXCAVATE A PIT OUTSIDE OF STATE WATER BUFFERS, AT LEAST 25 FEET FROM ANY STORM DRAIN AND OUTSIDE OF THE TRAVELLED WAY, INCLUDING SHOULDERS, FOR A WASH—DOWN PIT. THE PIT SHALL BE LARGE ENOUGH TO STORE ALL WASH—DOWN WATER WITHOUT OVERTOPPING. IMMEDIATELY AFTER THE WASH—DOWN OPERATIONS ARE COMPLETED AND AFTER THE WASH—DOWN WATER HAS SOAKED INTO THE GROUND, THE PIT SHALL BE FILLED IN, AND THE GROUND ABOVE IT SHALL BE GRADED TO MATCH THE ELEVATION OF THE SURROUNDING AREAS. ALTERNATE WASH—DOWN PLANS MUST BE APPROVED BY THE PROJECT ENGINEER.

WASH-DOWN PLANS DESCRIBE PROCEDURES THAT PREVENT WASH-DOWN WATER FROM ENTERING STREAMS AND RIVERS. NEVER DISPOSE OF WASH-DOWN WATER DOWN A STORM DRAIN. ESTABLISH A WASH-DOWN PIT THAT INCLUDES THE FOLLOWING: (1) A LOCATION AWAY FROM ANY STORM DRAIN, STREAM, OR RIVER, (2) ACCESS TO THE VEHICLE BEING USED FOR WASH DOWN, (3) SUFFICIENT VOLUME FOR WASH-DOWN WATER, AND (4) PERMISSION TO USE THE AREA FOR WASH DOWN.

ON SITES WHERE PERMISSION OR ACCESS TO EXCAVATE A WASH-DOWN PIT IS UNAVAILABLE, THE CONTRACTOR MAY HAVE TO WASH-DOWN INTO A SEALABLE 55-GALLON DRUM OR OTHER SUITABLE CONTAINER AND THEN TRANSPORT THE CONTAINER TO A PROPER DISPOSAL SITE. FOR ADDITIONAL INFORMATION, REFER TO THE GEORGIA SMALL BUSINESS ENVIRONMENTAL ASSISTANCE PROGRAM'S "A GUIDE FOR READY MIX CHUTE/HOPPER WASH-DOWN".

	NOTE: THE TOTAL PROJECT AREA IS 3.38 ACRES.												REPRESENTATIVE SAMPLING SCHEME				
	SAMPLING INFORMATION											OUTFALL CHARACTERISTICS					
PRIMARY SAMPLED FEATURE	LOCATION (STATION AND OFFSET)	NAME OF RECEIVING WATER	APPLICABLE CONSTRUCTION STAGE FOR SAMPLING	SAMPLING TYPE (OUTFALL OR RECEIVING WATER)	DRAINAGE AREA FOR RECEIVING WATER (MI2)	UPSTREAM DISTURBED AREA (ACRES)	WARM OR COLD WATER STREAM	APPENDIX B NTU VALUE (OUTFALL SAMPLING ONLY)	ALLOWABLE NTU INCREASE (RECEIVING WATER SAMPLING ONLY) *	LOCATION DESCRIPTION	CONSTRUCTION ACTIVITY	DISTURBED AREA (ACRES)	AVERAGE OUTFALL SLOPE (RISE/RUN)	SOIL EROSION INDEX	REPRESENTED OUTFALL DRAINAGE BASINS		
OUTFALL "A" (#1)	10+96.72, 26.3' LEFT	CAMP CREEK	ALL	OUTFALL	0.0064	0.33	WARM	75	N/A	A-1	TRAIL CONSTRUCTION	0.33	0.01	5	OUTFALL "A"		
OUTFALL "B" (#2)	22+83.89, 16.0' LEFT	STONE MOUNTAIN CREEK	ALL	OUTFALL	0.0035	0.12	WARM	75	N/A	B-1	TRAIL CONSTRUCTION	0.12	0.06	5	OUTFALL "B"		
OUTFALL "C" (#3)	27+95.29, 16.0' LEFT	STONE MOUNTAIN CREEK	ALL	OUTFALL	0.0046	0.82	WARM	75	N/A	C-1	TRAIL CONSTRUCTION	0.82	0.03	5	OUTFALL "C"		
OUTFALL "D" (#4A)	36+56.37, 26.6' RIGHT	CAMP CREEK	ALL	RECEIVING (UPSTREAM)	0.0067	0.00	WARM	N/A	25	EX. 24" RCP (INLET)	TRAIL CONSTRUCTION	0.0	N/A	5	OUTFALL "D"		
OUTFALL "D" (#4B)	36+61.31, 53.2' LEFT	CAMP CREEK	ALL	RECEIVING (DOWNSTREAM)	0.0074	0.28	WARM	N/A	25	EX. 24" RCP (OUTLET)	TRAIL CONSTRUCTION	0.28	0.09	5	OUTFALL "D"		

\* PER GENERAL NPDES PERMIT No. GAR100002 PART III-D.4.

NO. REVISIONS BY DATE

THOMAS HUTTON

5074 Bristol Industrial Way • Suite A Buford, GA 30518 • 770-271-2868 www.thomasandhutton.com

ESPC 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

DATUM: HORIZ.:

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

PPROVED:

51-002

VERT.:

		or 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)
51-001	Υ	2 Level II certification number issued by the Commission, signature and seal of the certified design professional.
		(Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
51-001	Υ	3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
51-001	Υ	4 Provide the name, address, email address, and phone number of primary permittee.
51-001	Υ	5 Note total and disturbed acreages of the project or phase under construction.

51-001	Υ	6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in
		decimal degrees.
51-001	Υ	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.

51-001	Υ	8 Descriptions of the nature of construction activity and existing site conditions.
Cover	Υ	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.

51-001	Υ	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas,
		wetlands, marshlands, etc. which may be affected.
51-001	Υ	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
51-001		Υ	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
51-001	Υ	13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative
		sampling as stated on <b>Part IV.D.6.c.(3) page 37</b> of the permit as applicable. *

51-001	Υ	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 installation."
		in accordance with Part IV A.5 nage 26 of the normit. *

		in accordance with Part IV.A.3 page 20 of the permit
51-001	Υ	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream
		buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured
		from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

51-001	Υ	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-001	Υ	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a
		hydraulic component must be certified by the design professional." *

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." *

l	51-001	Υ	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."
	51-001	Υ	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the appro-

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of th	e 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."	

54-001/007	Υ	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulc
		or temporary seeding."
51-001	N/A	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream

22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream
of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the
permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge
to the Impaired Stream Segment *

		to the impaired Stream Segment
51-001	N/A	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22
		above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or
		requirements included in the TMDL Implementation Plan. *

] [	Υ	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the o	drum
	_	at the construction site is prohibited. *	

at the confet determined to promision.	
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. *	

51-001 Y	27 Description of practices to provide cover for building materials and building products on site. *
51-001 Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *
51-001 Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
51-001 Y	30 Provide complete requirements of Inspections and record keeping by the primary permittee. *
51-002 Y	31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *
51-001 Y	32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *
51-002 Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
51-002 Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
51-002,55-001 Y	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. *
51-001 Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
54-001/54-018 Y	37 Graphic scale and North arrow.
54-001/54-018 Y	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
N/A	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

N/A	 39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs
_	as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation
	Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

N/A		40 Use of alternative BIMP for application to the Equivalent BIMP List. Please refer to Appendix A-2 of the Manual for
		Erosion & Sediment Control in Georgia 2016 Edition. *
51-001	Υ	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	
55-001	γ	42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.	

53-001	Υ	43 Delineation and acreage of contributing drainage basins on the project site.
53-001	Υ	44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.

Υ	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities a	ıre
	completed.	

/A	Υ	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion.
		Identify/Delineate all storm water discharge points.

		dentity/belineate all sterrit water abortarge points.
54-001/54-018	Υ	47 Soil series for the project site and their delineation.
54-001/54-018	Υ	48 The limits of disturbance for each phase of construction.

51-001

51-001

56-001

4	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin,	
	retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storag	е
	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 attainal	ble
	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 mus	t be
	included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage	ge
	when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required	io
	utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water fro	m
	the surface are not feasible, a written justification explaining this decision must be included in the Plan.	

	justinesser de e inity er eable yarde ereterage is not a samuel materiale a give in the mention in an arman materiale
	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 t
	utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water fro
	the surface are not feasible, a written justification explaining this decision must be included in the Plan.
54-001/54-018 Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and
	Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
56-001/56-004 Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in

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 Geo	rgia.
<b>¬</b>	

	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.

<sup>\*</sup> 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



REVISIONS

BY DATE

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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

JOB NO: 30603
DATE: 08/15
DRAWN: L.E.H.
DESIGNED: L.E.H.
REVIEWED:
APPROVED:



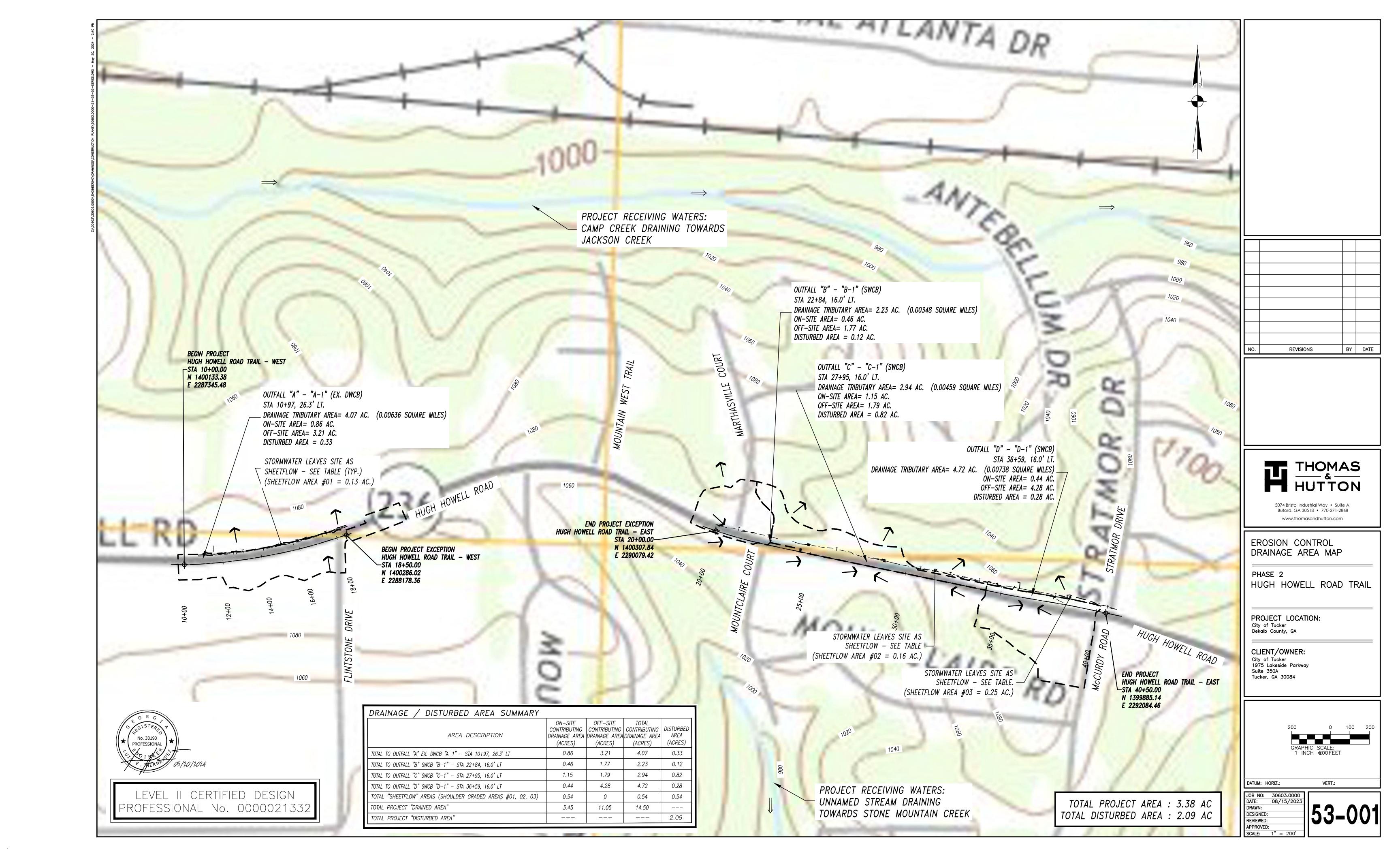
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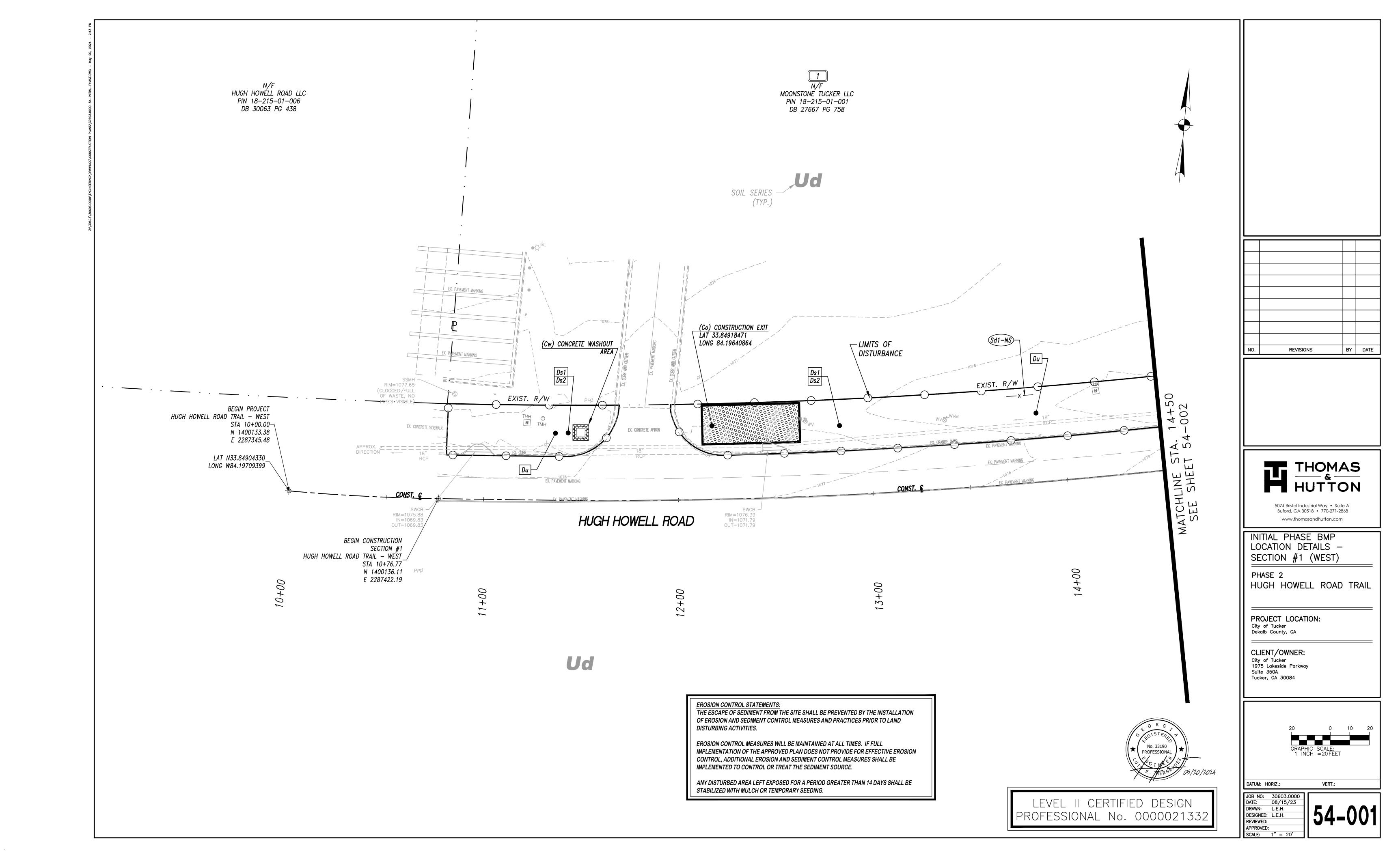
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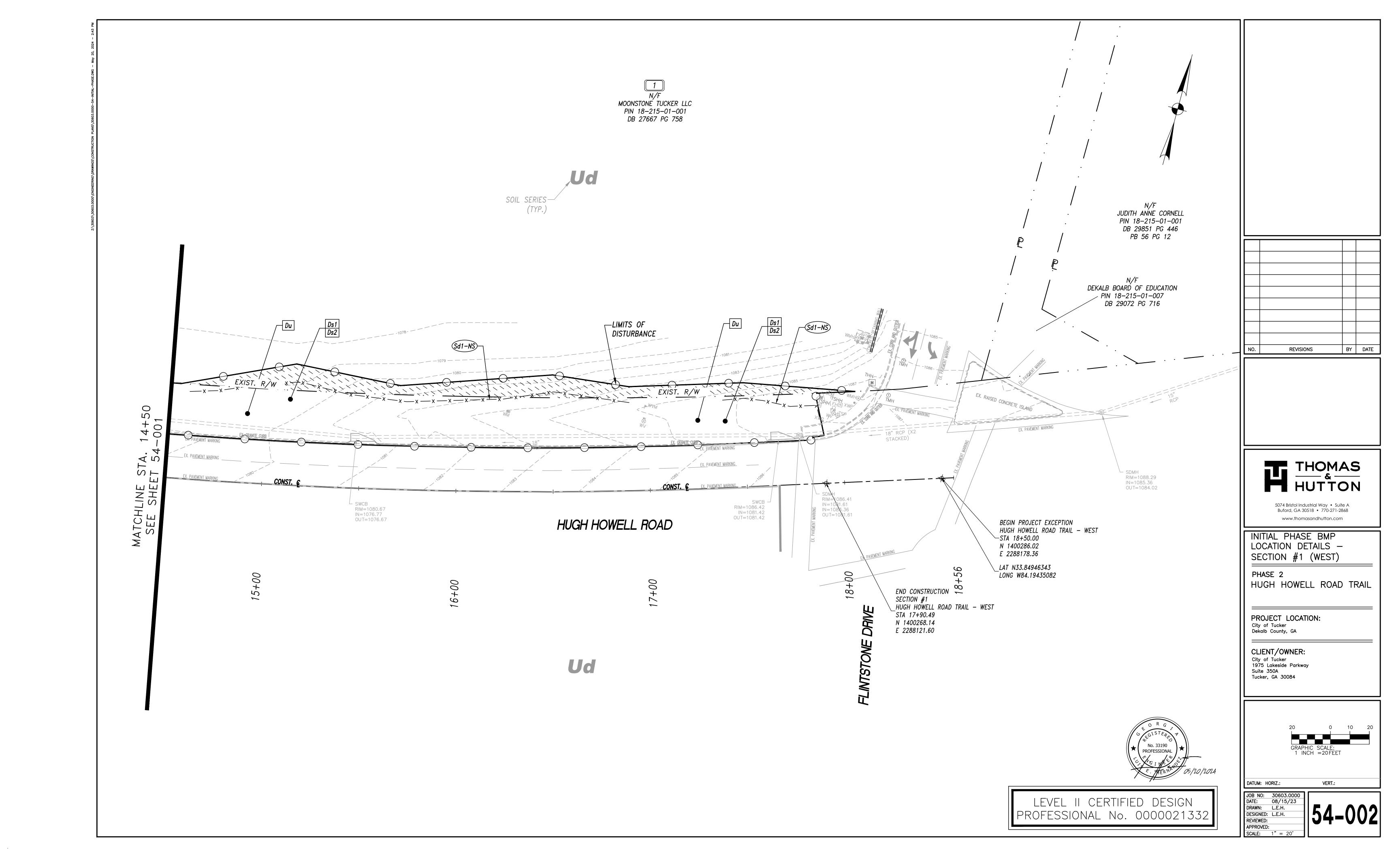
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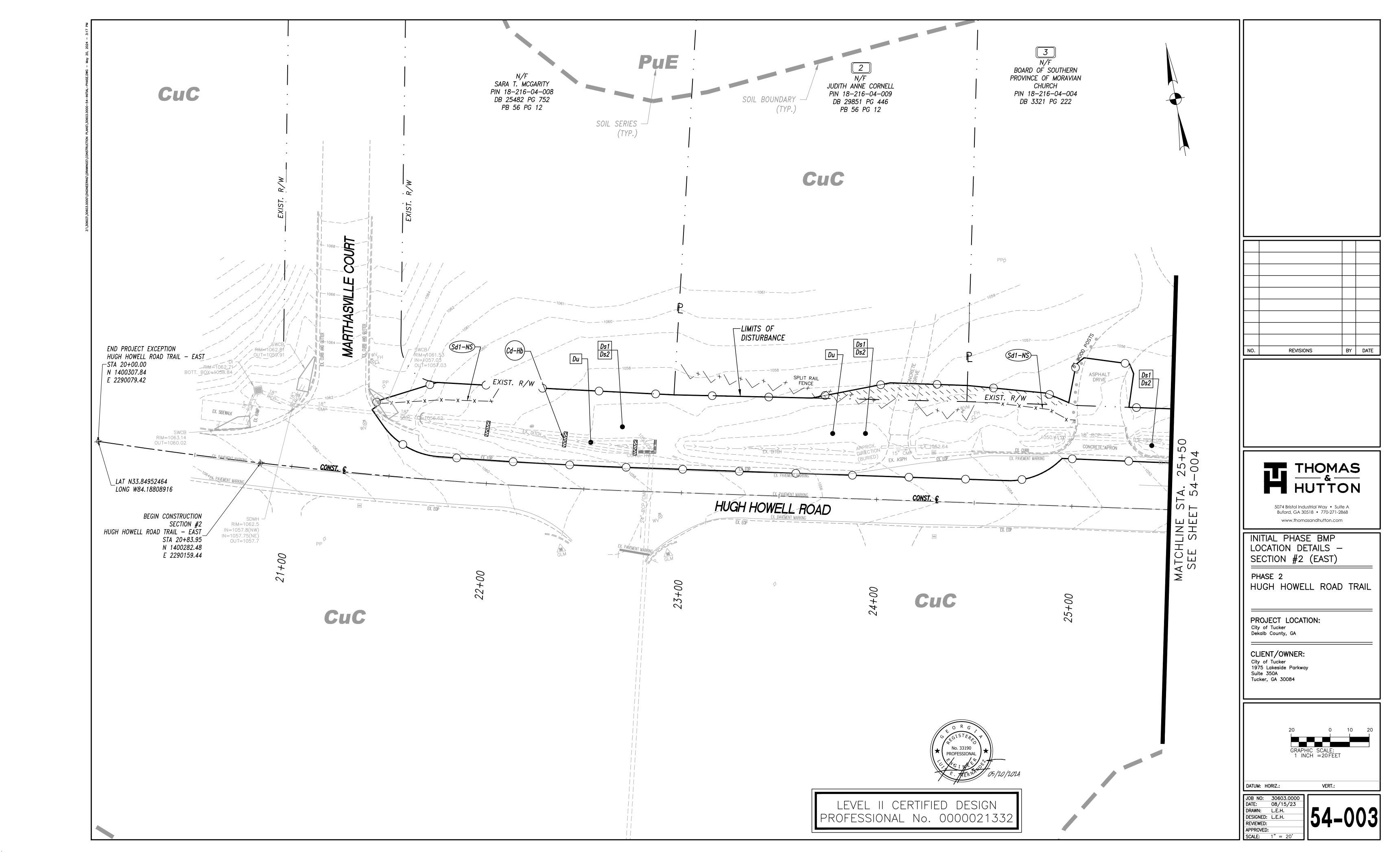
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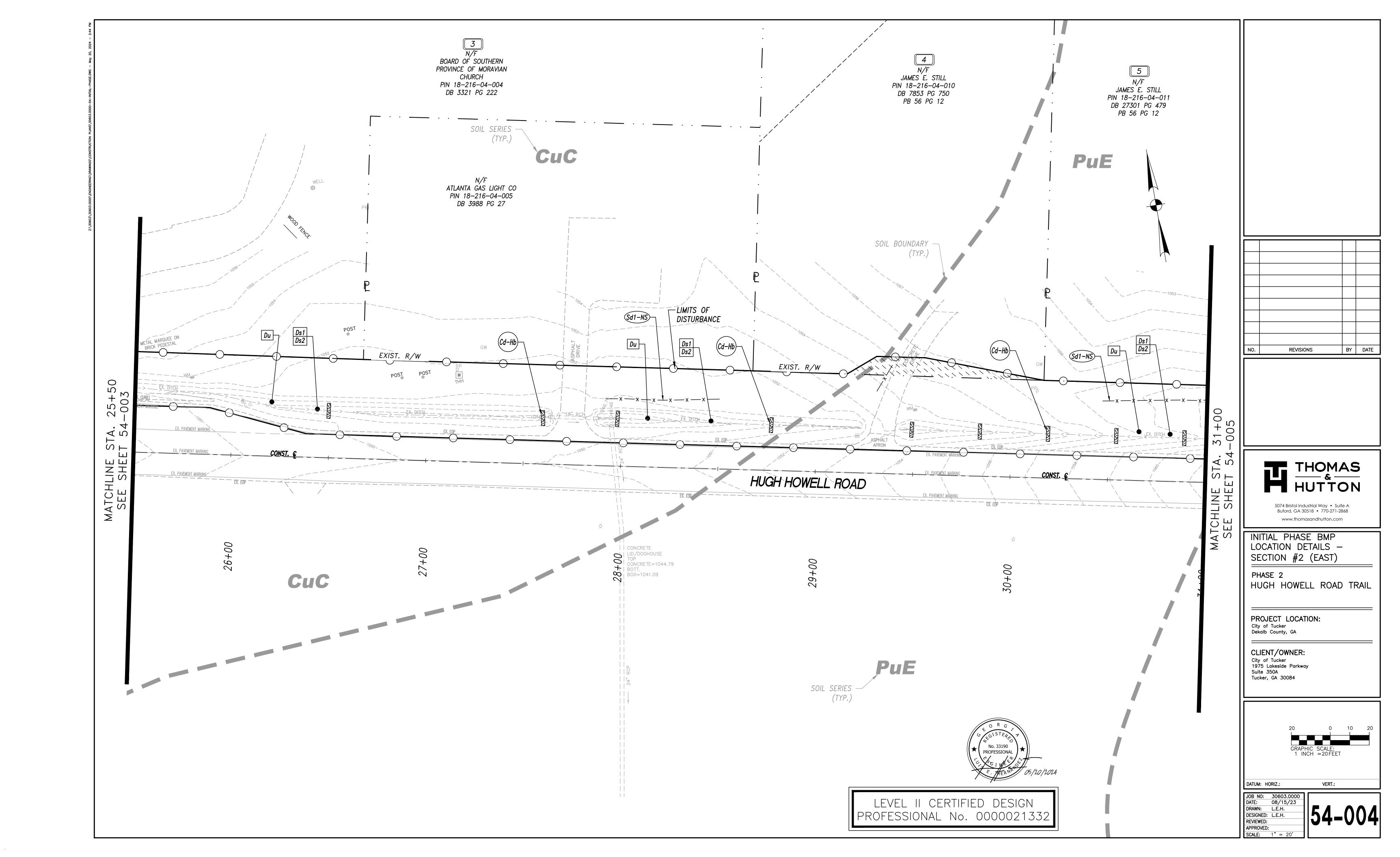
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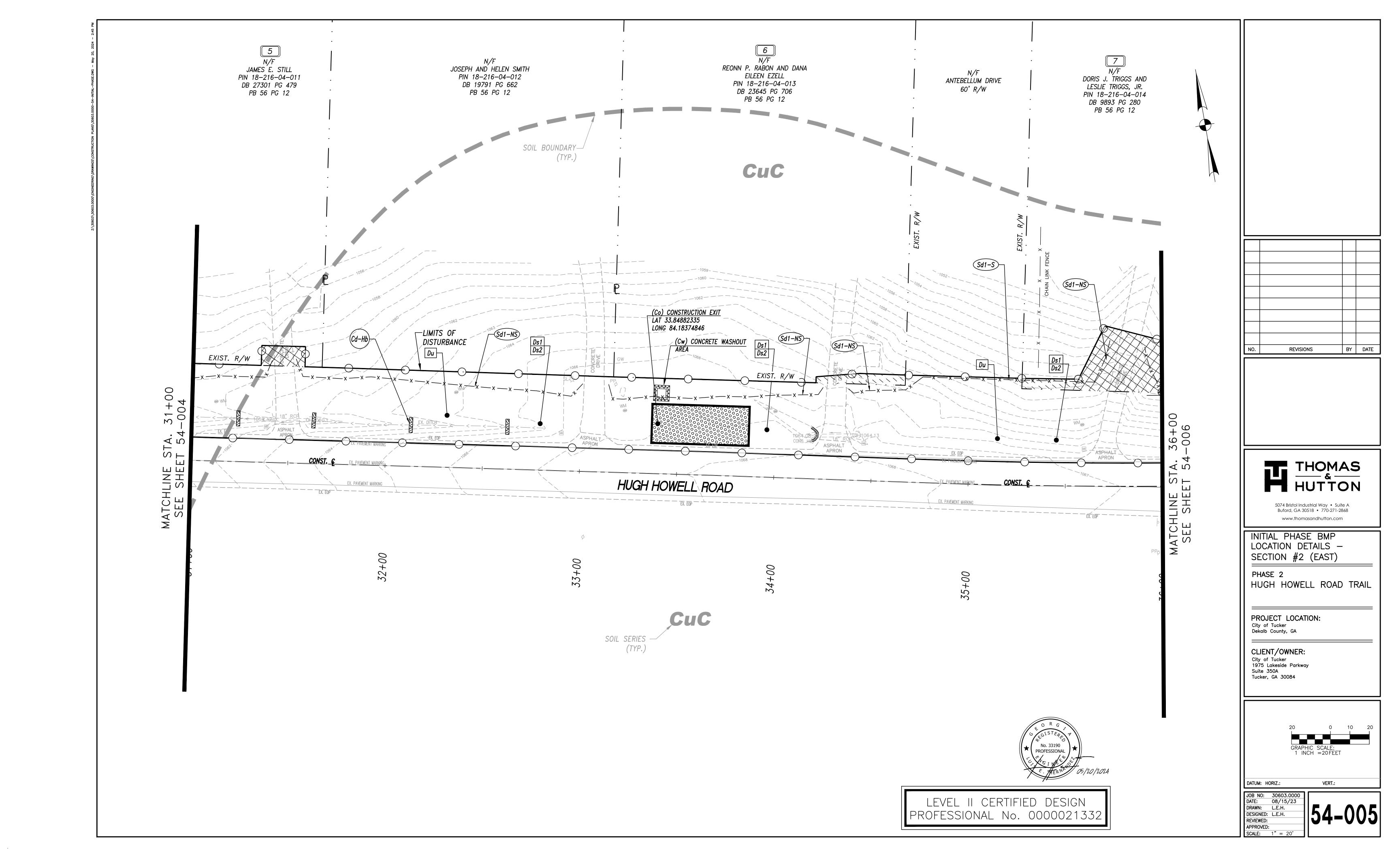


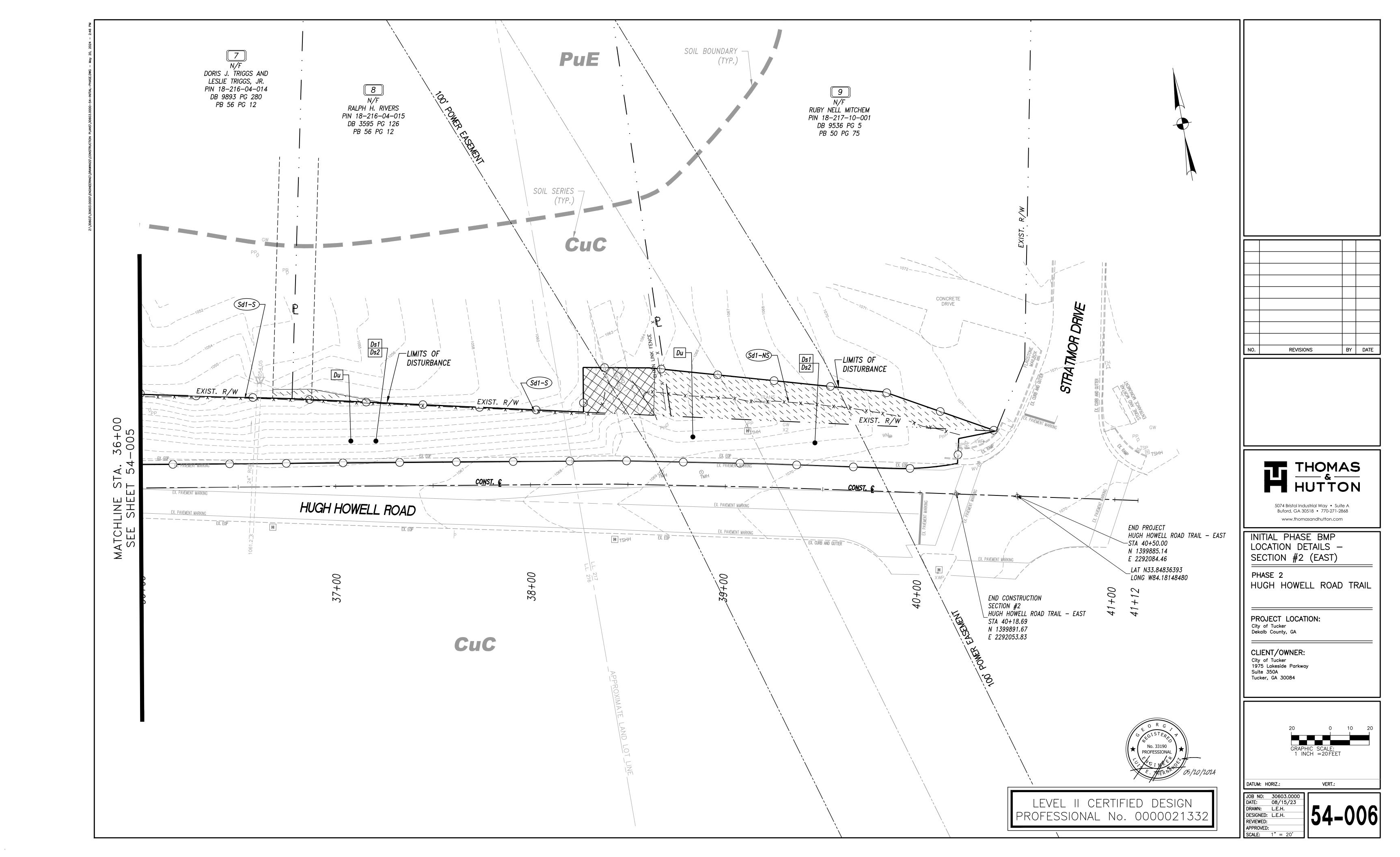


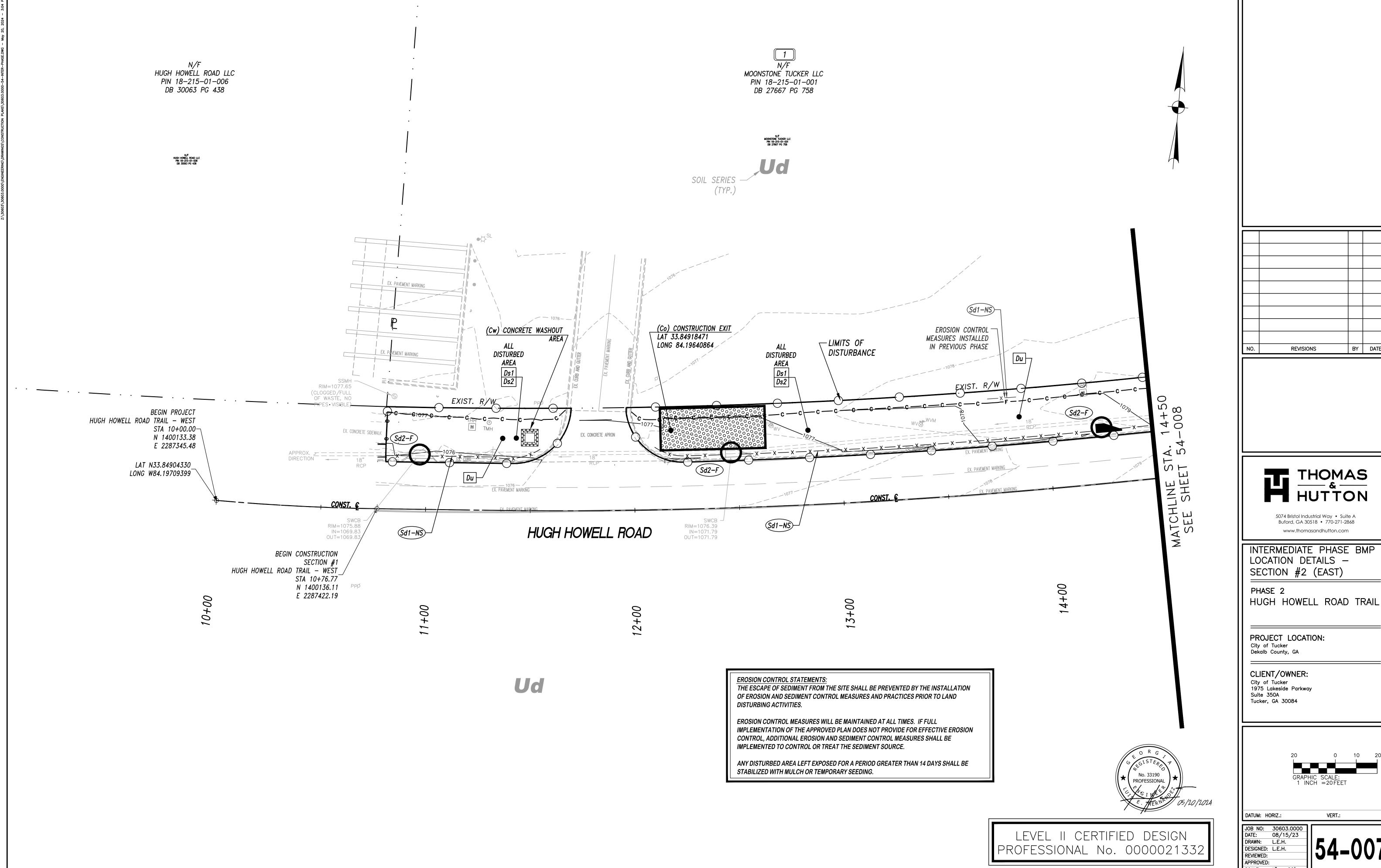


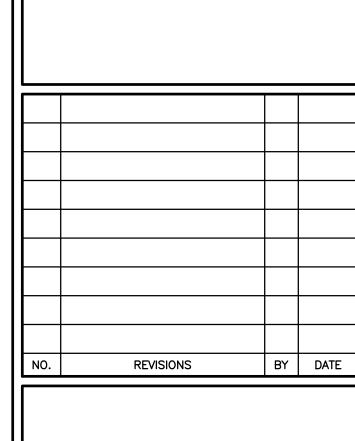










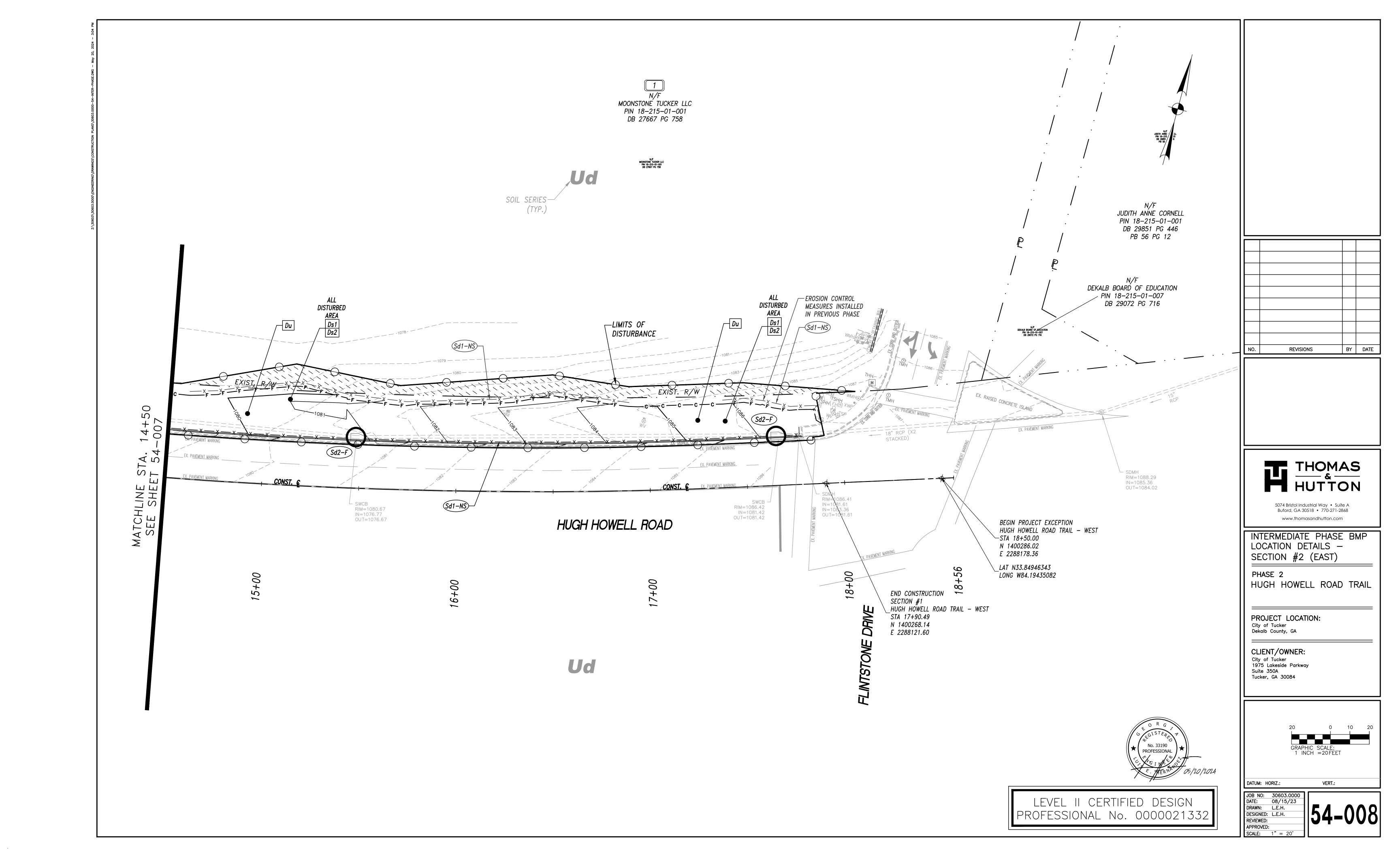


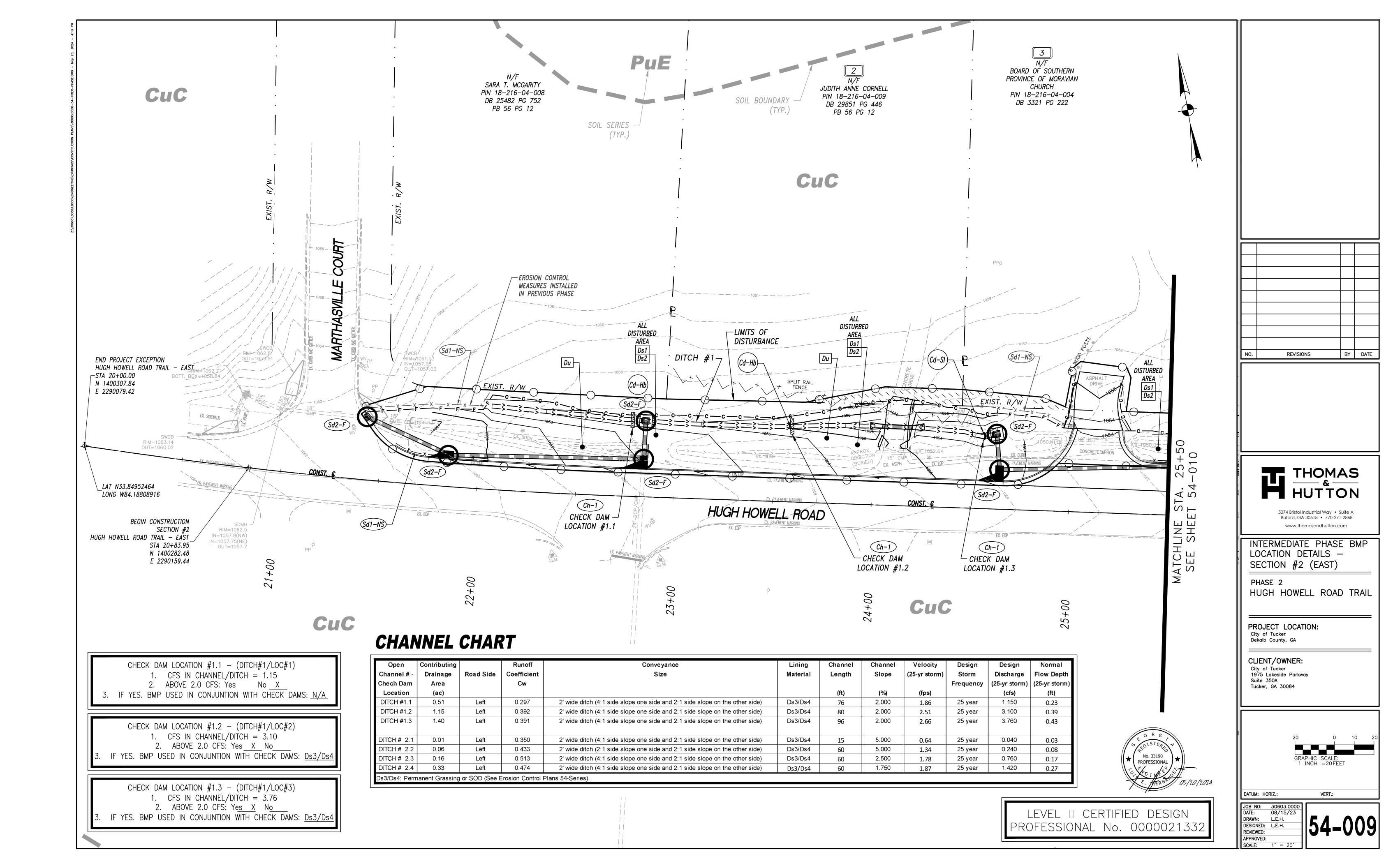


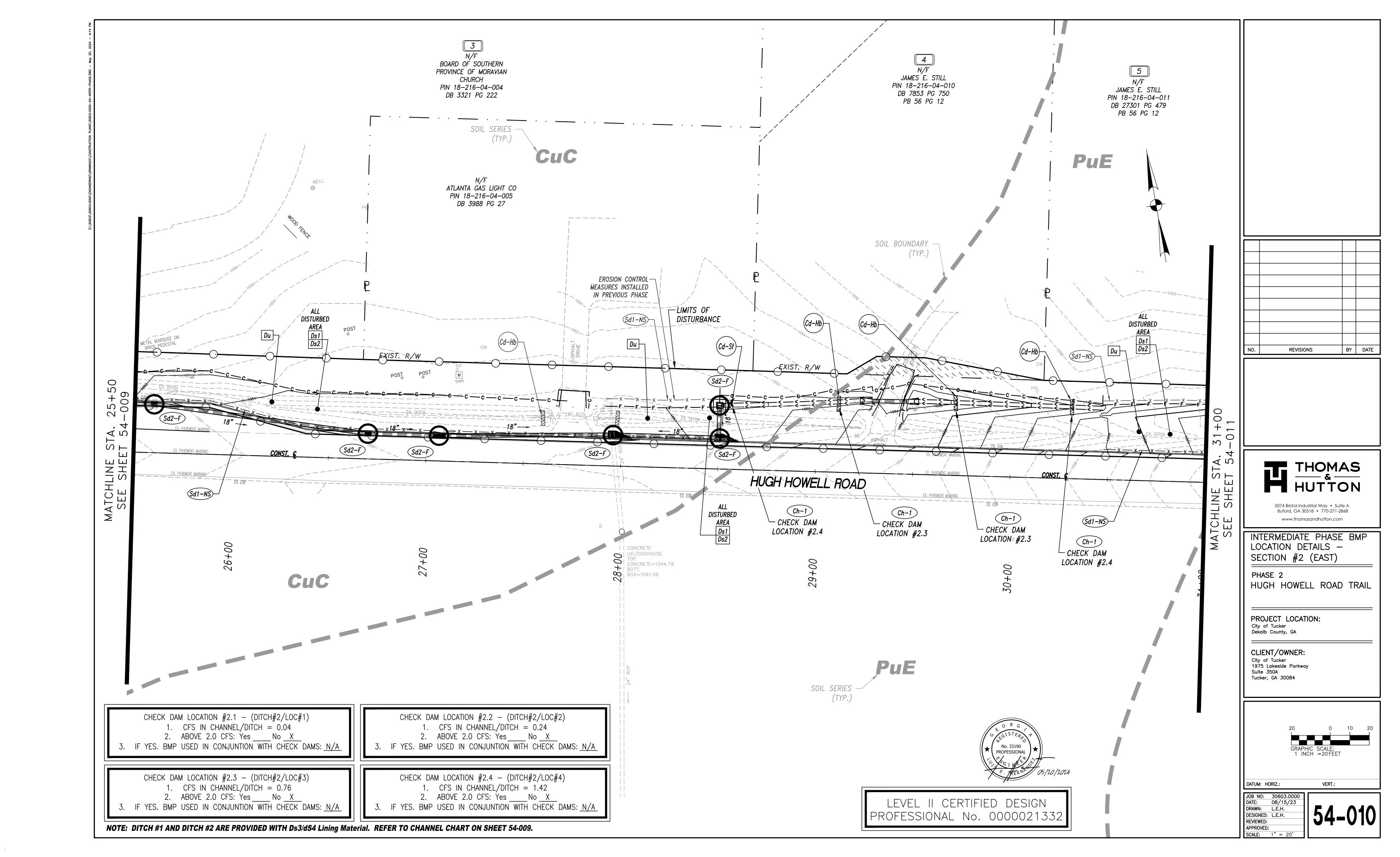
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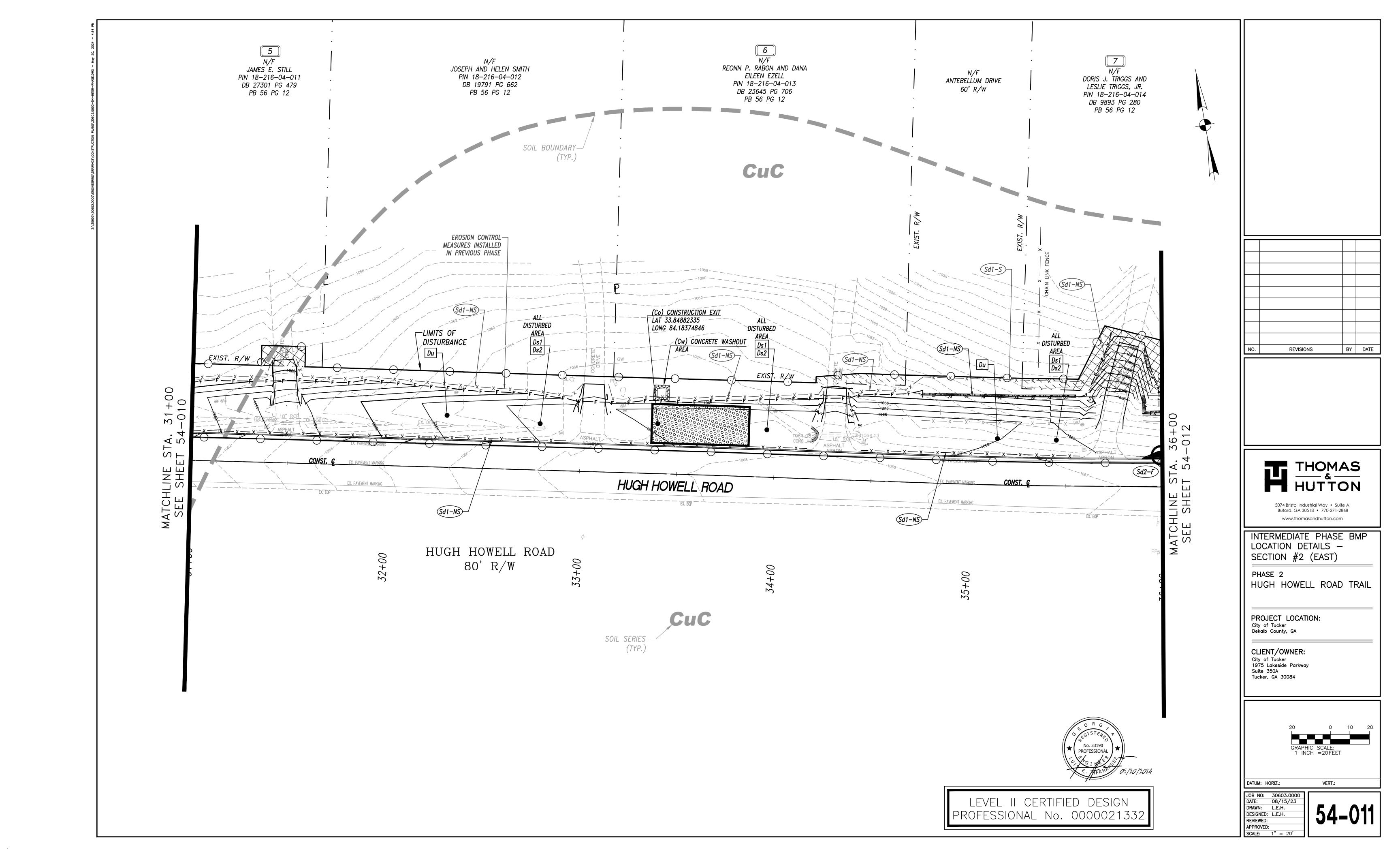
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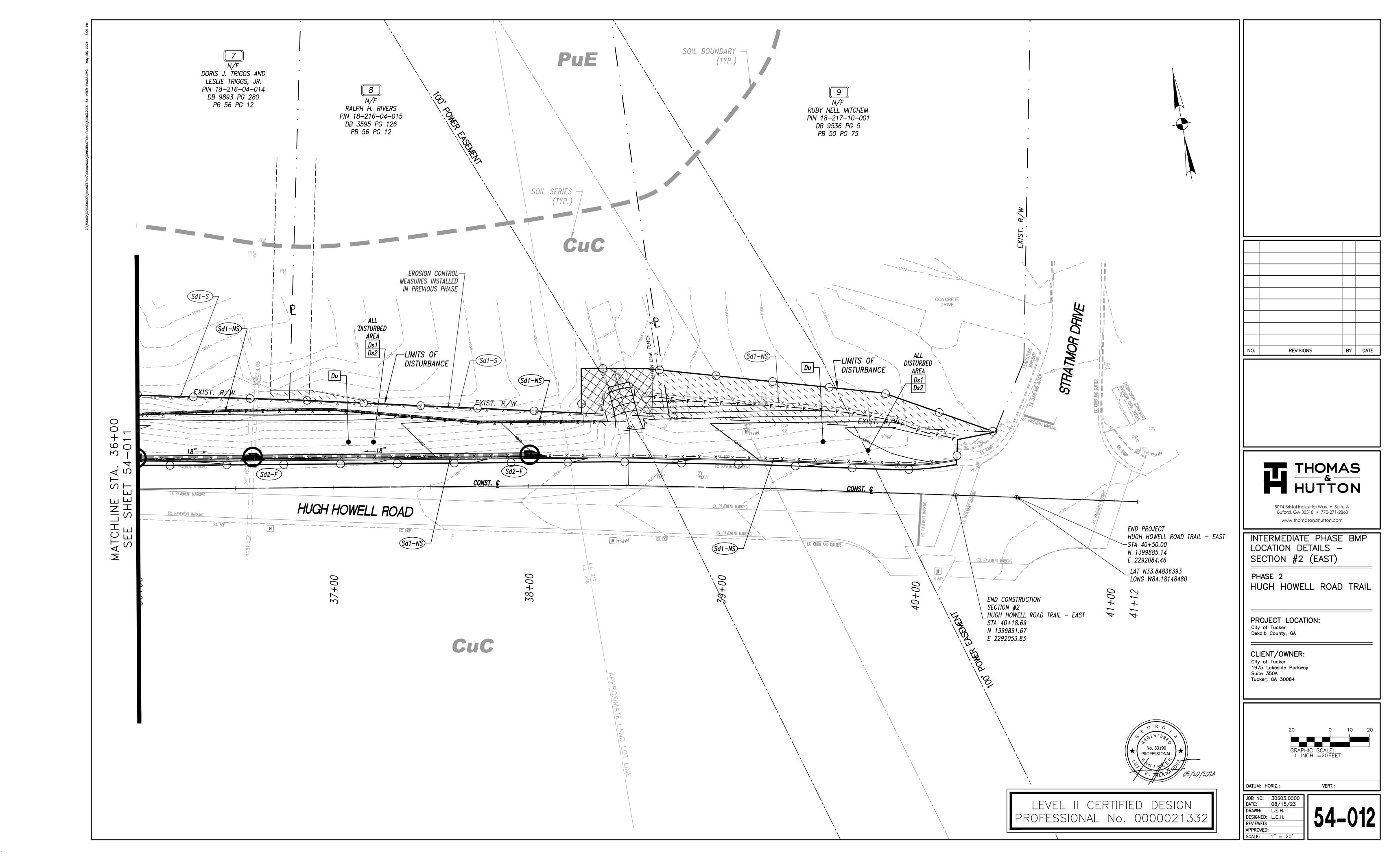


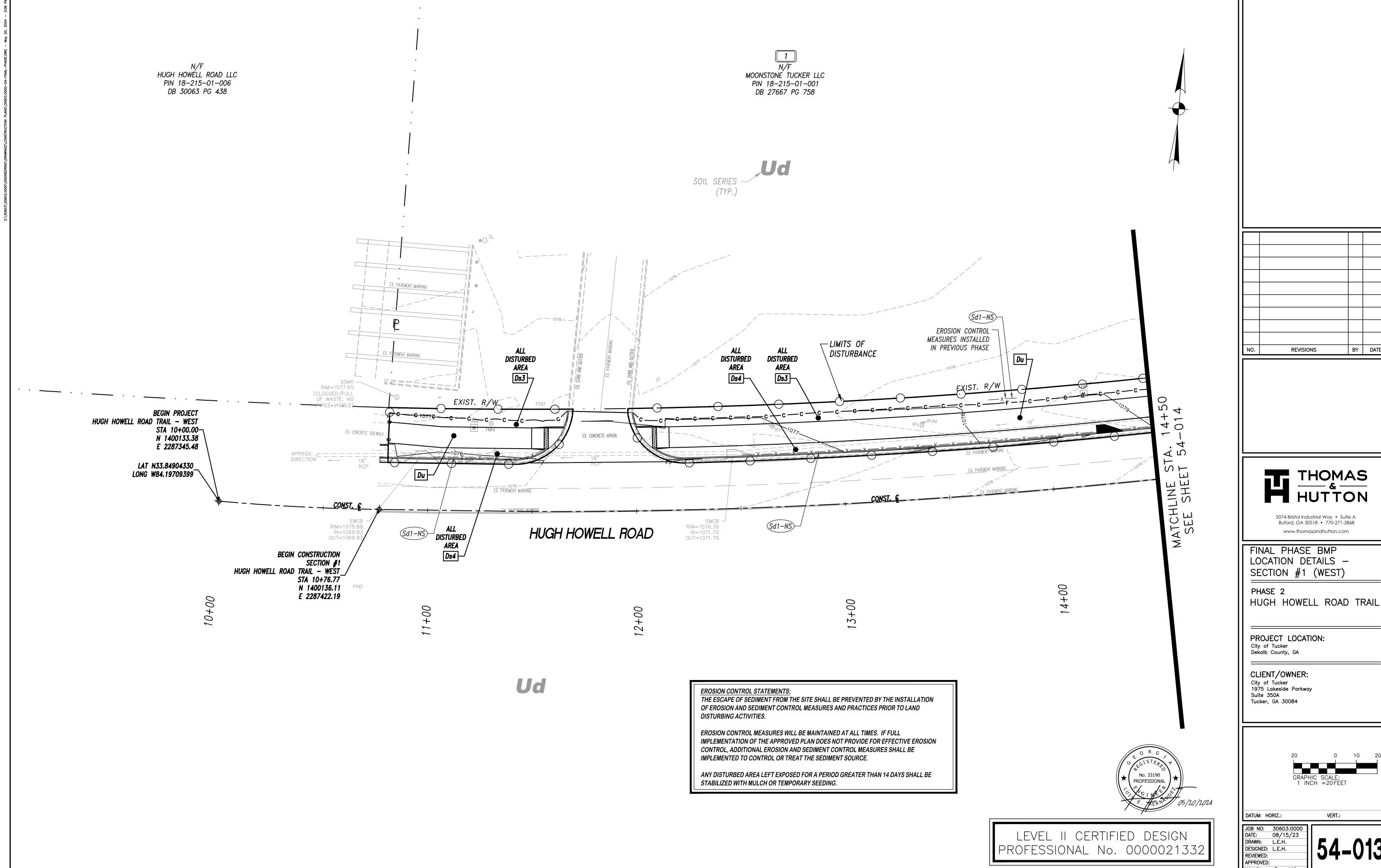


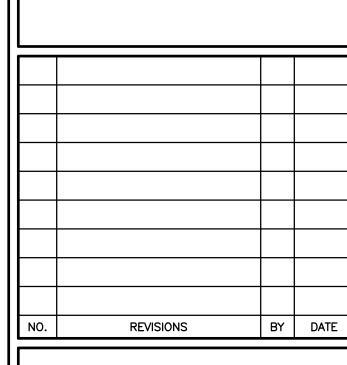










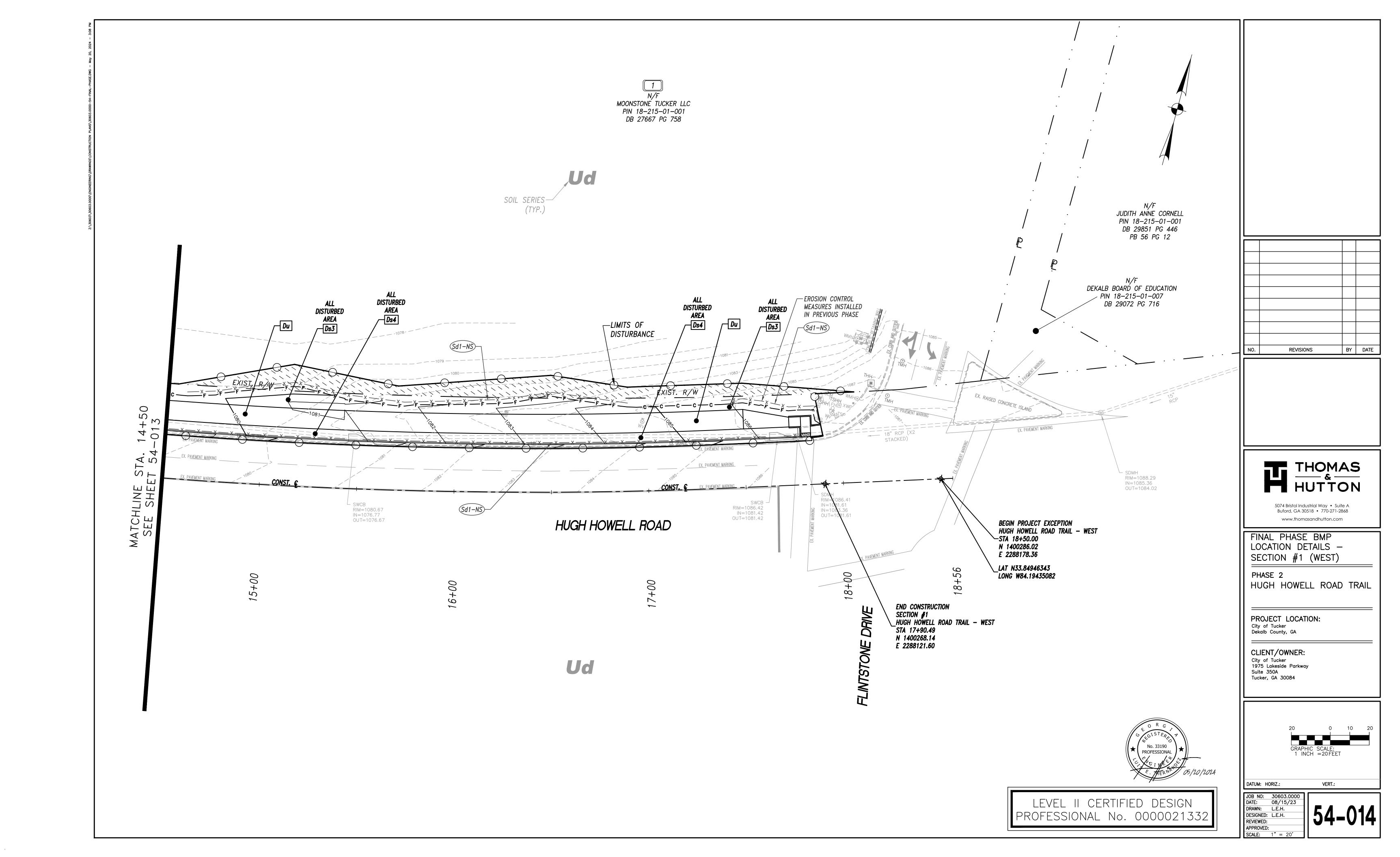


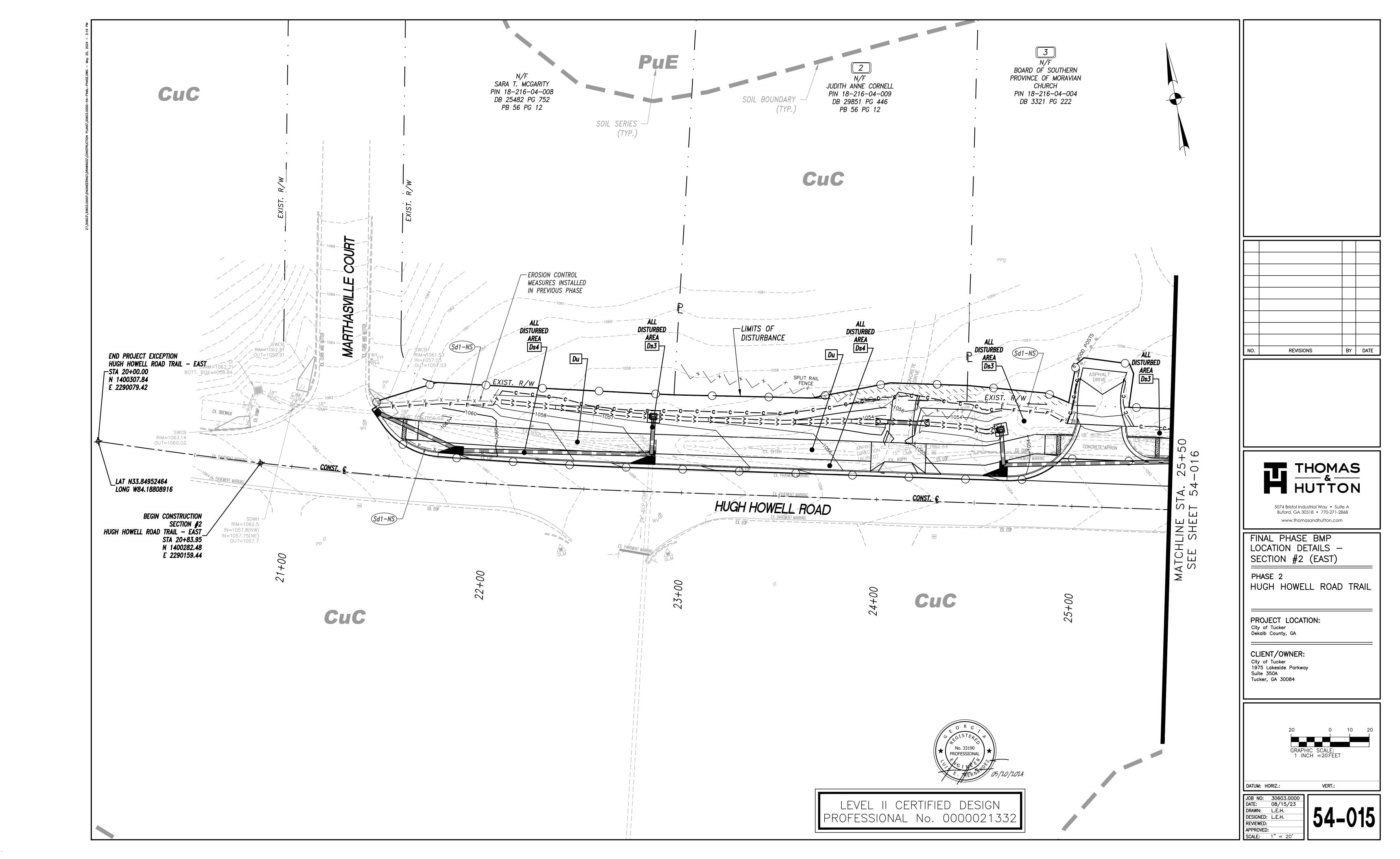


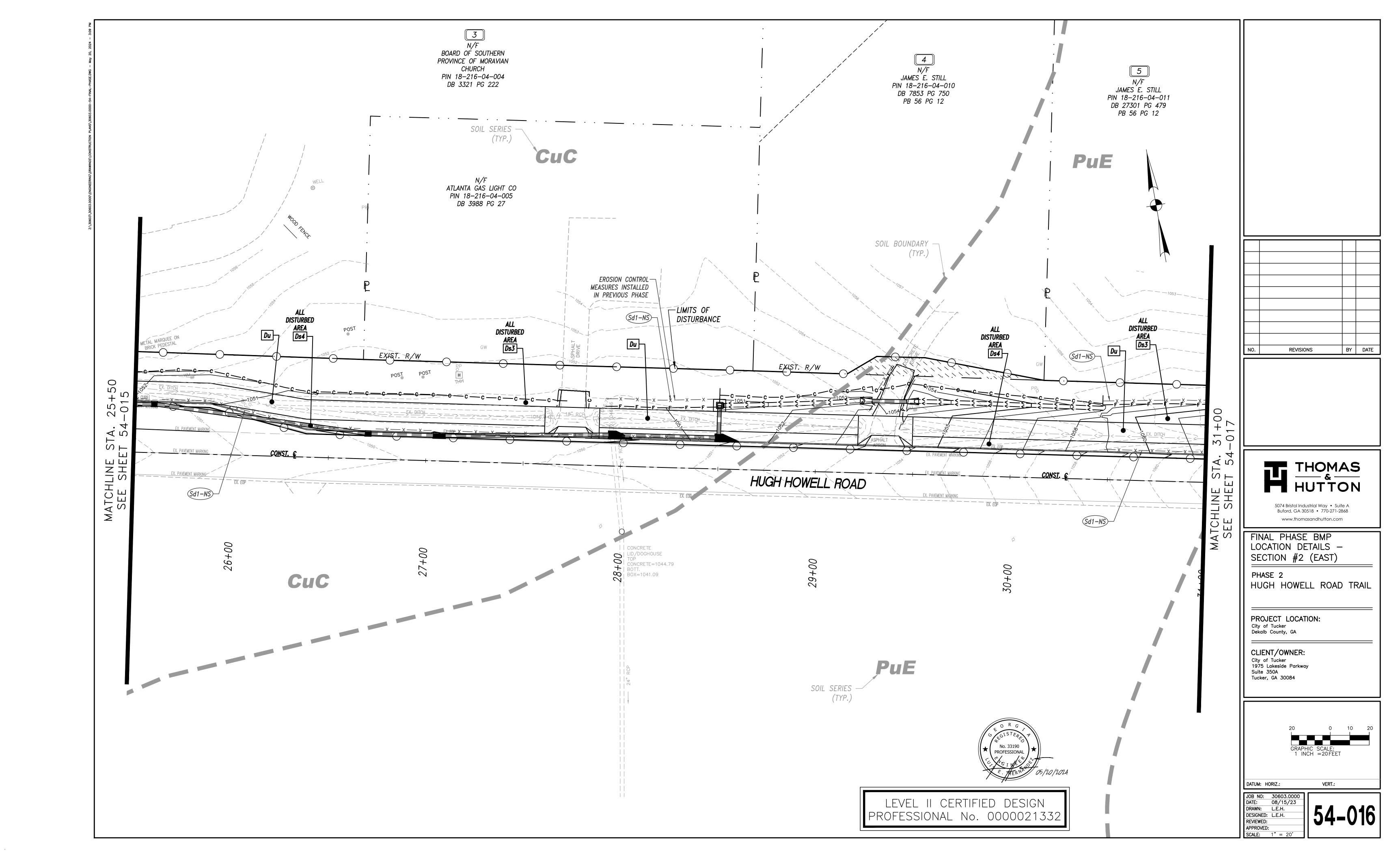
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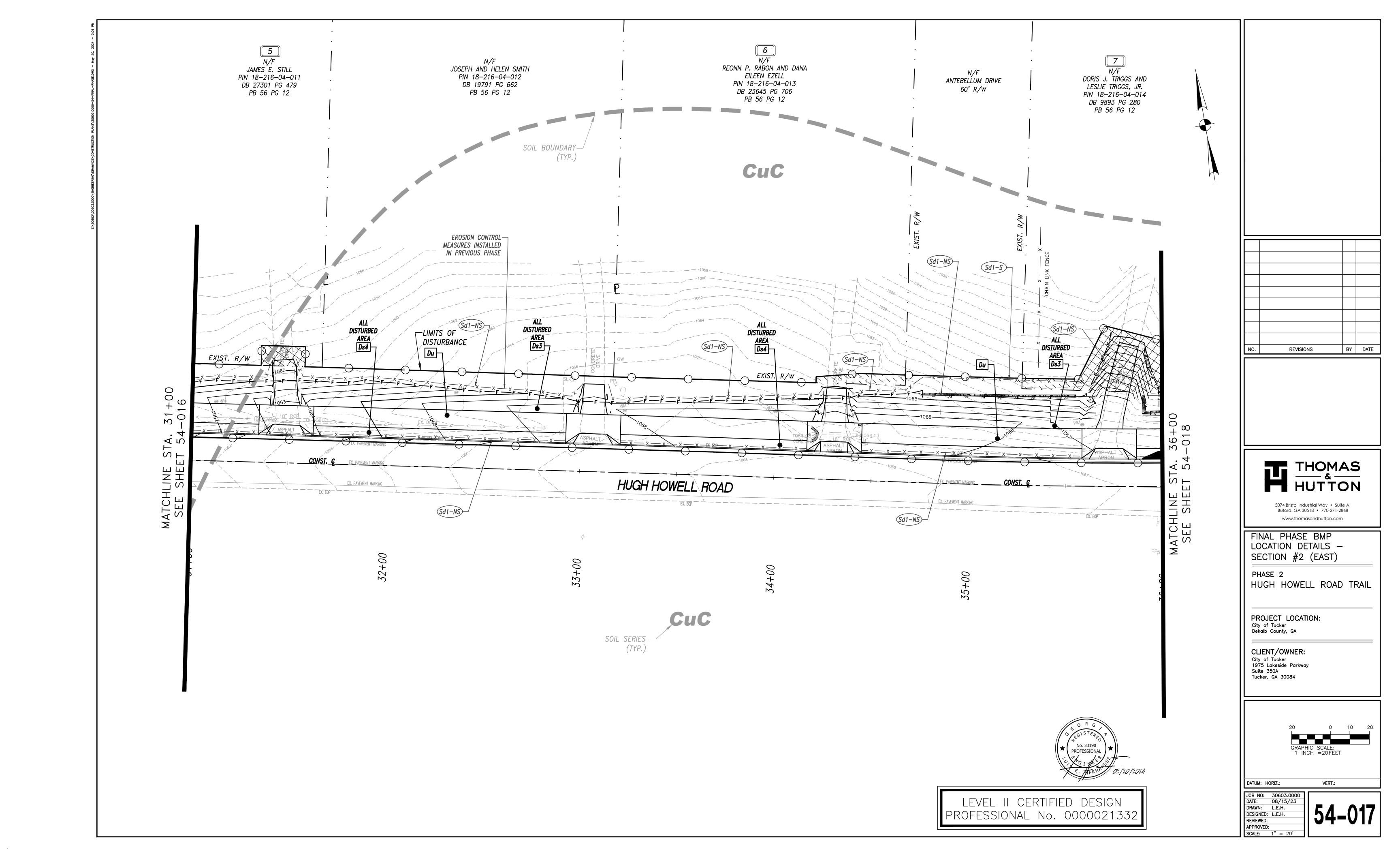
LOCATION DETAILS -

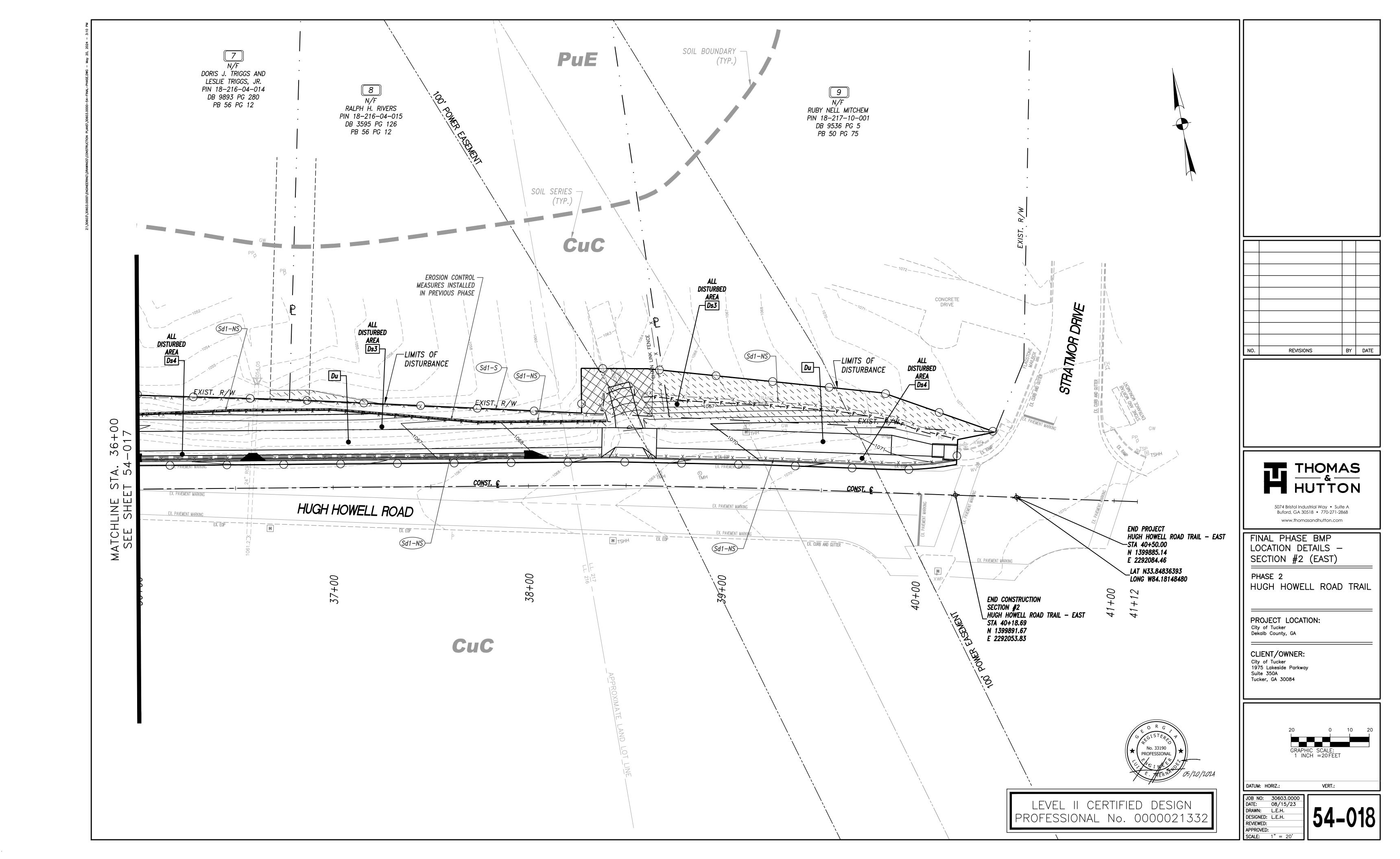


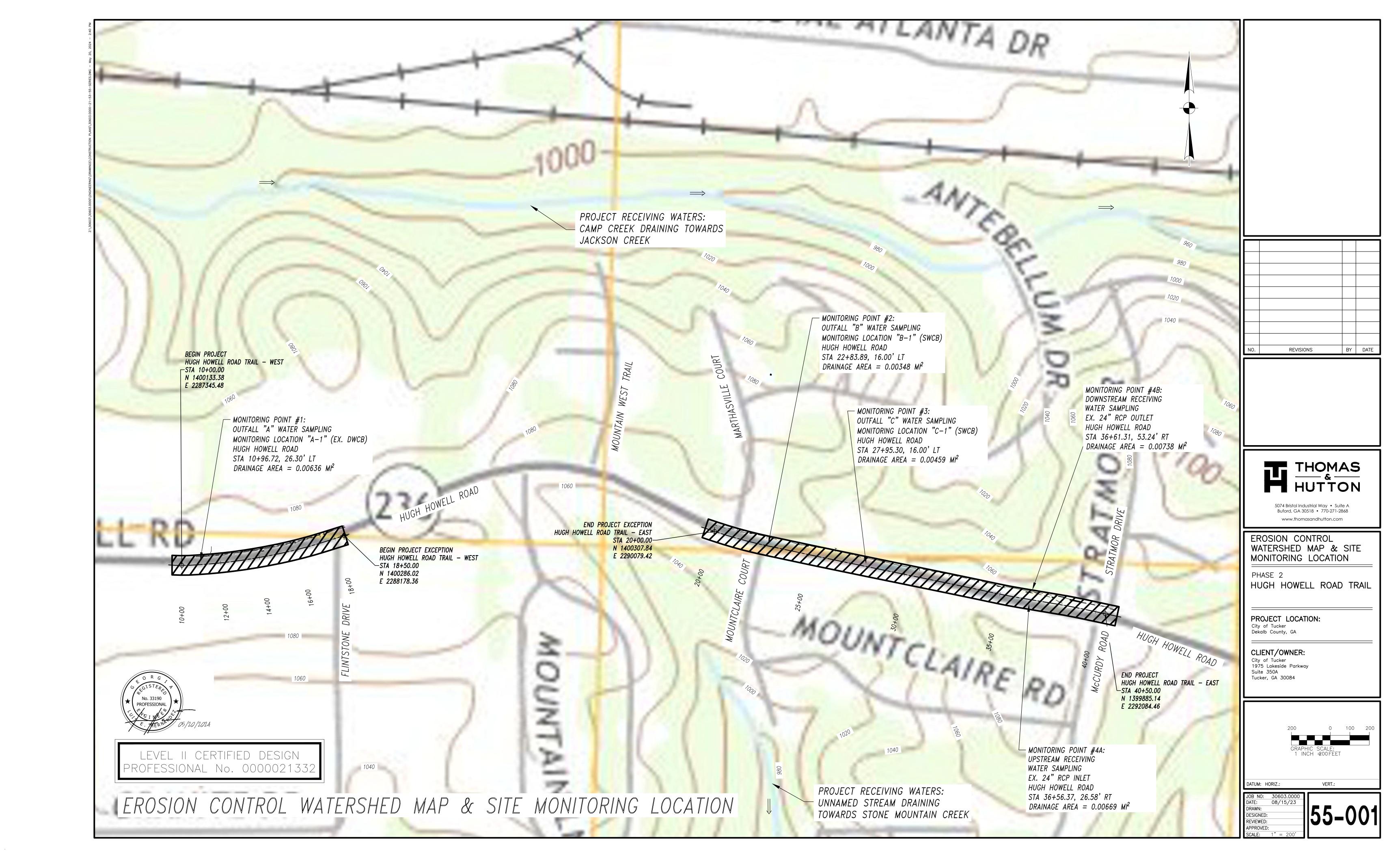


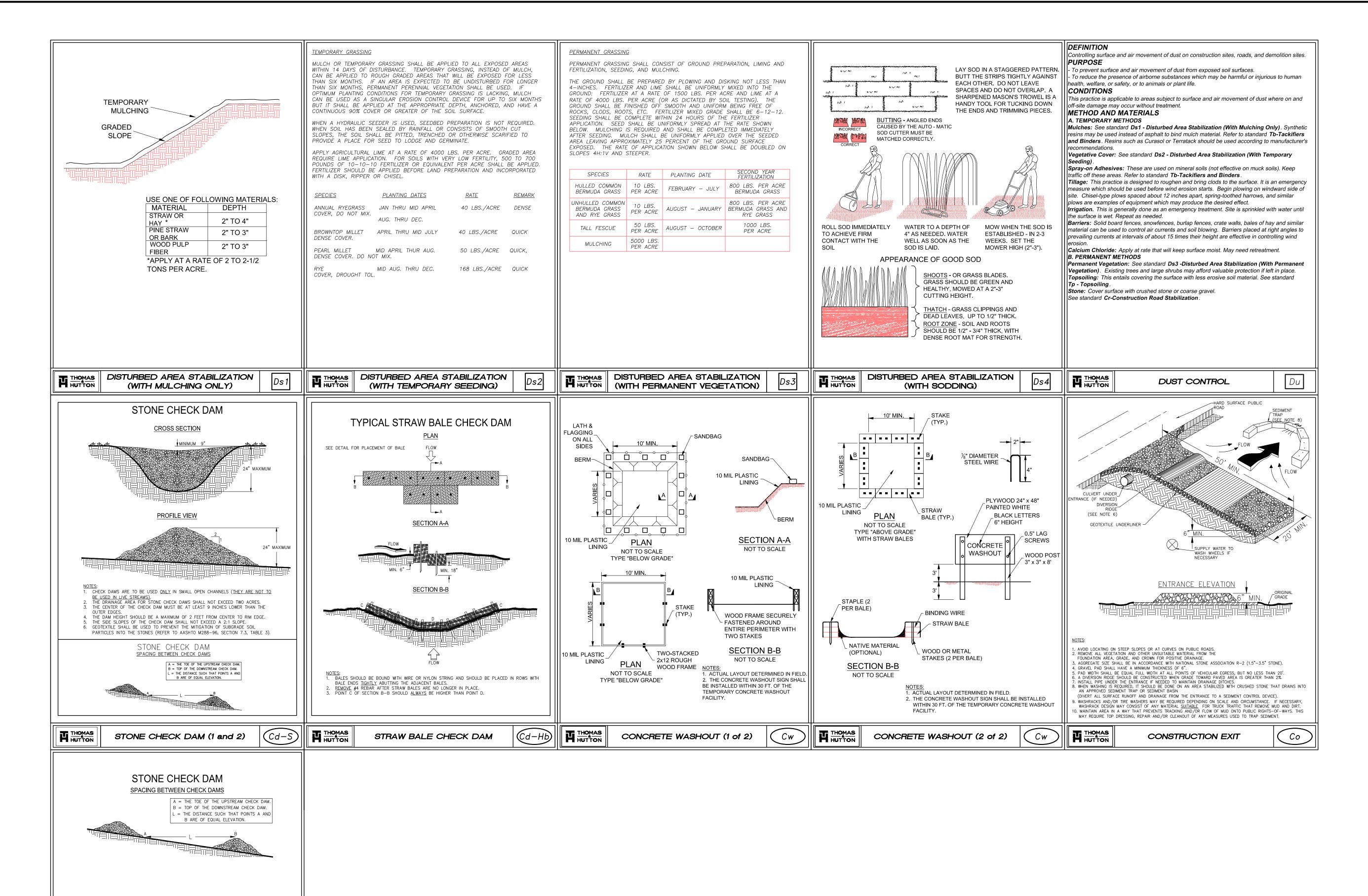












STONE CHECK DAM (2 and 2)

LEVEL II CERTIFIED DESIGN No. 33190 PROFESSIONAL PROFESSIONAL No. 0000021332

BY DATE REVISIONS

> HUTTON 5074 Bristol Industrial Way • Suite A

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

EROSION CONTROL DETAILS

PHASE 2

HUGH HOWELL ROAD TRAIL

PROJECT LOCATION:

City of Tucker Dekalb County, GA

CLIENT/OWNER: City of Tucker

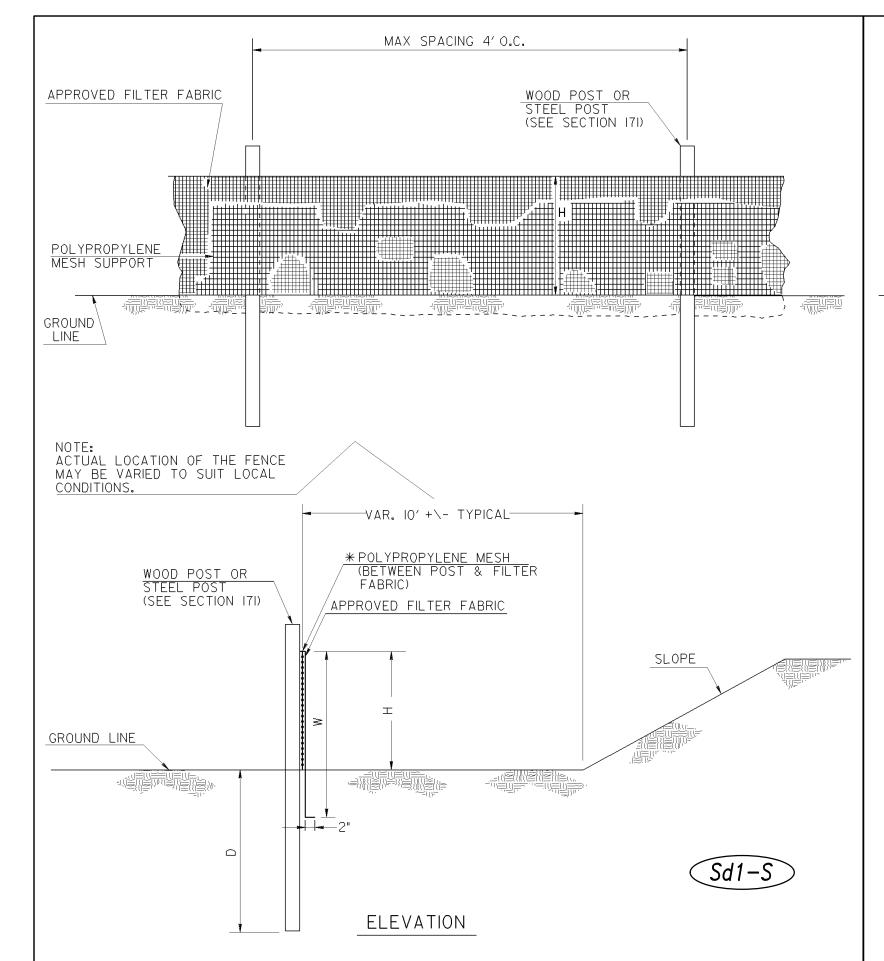
1975 Lakeside Parkway Suite 350A Tucker, GA 30084

DATUM: HORIZ.:

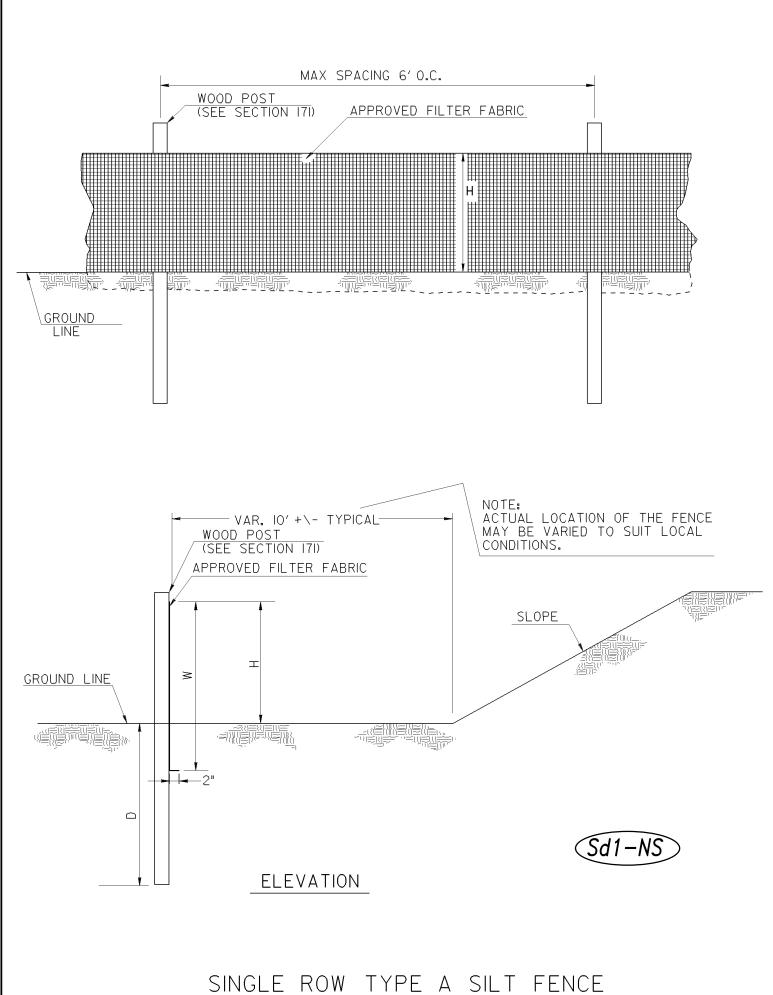
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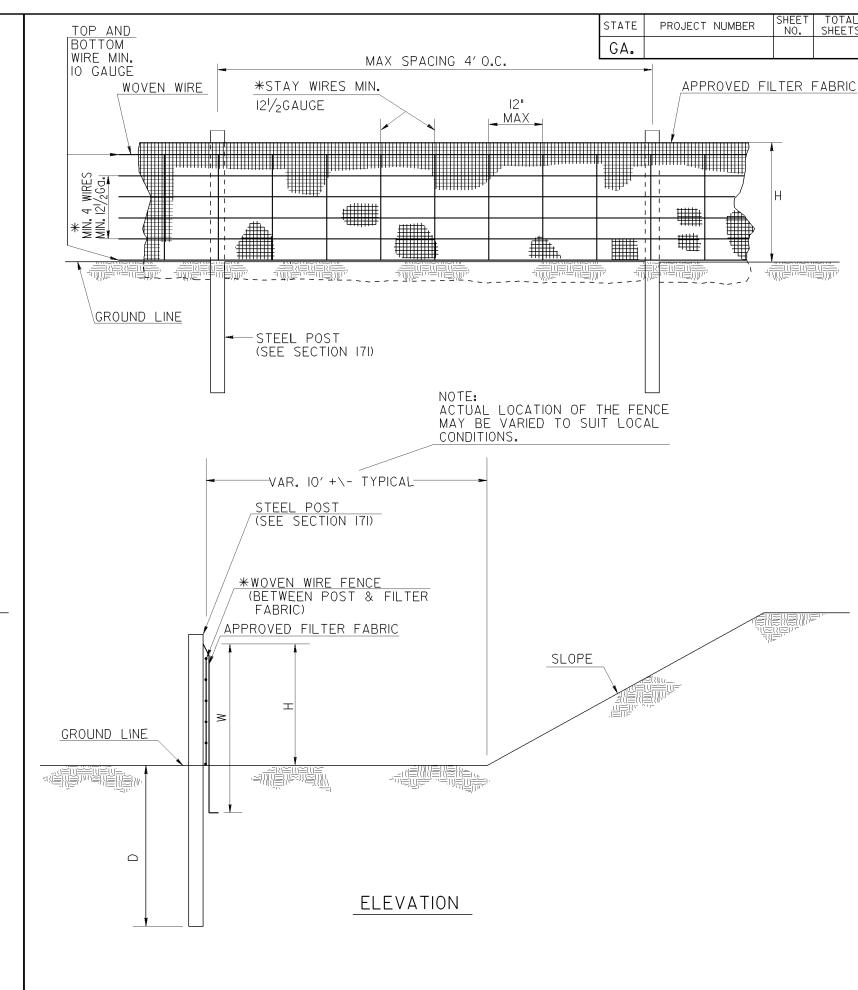
08/15/23 RAWN: ESIGNED: L.E.H. REVIEWED:

VERT.:



SINGLE ROW TYPE C SILT FENCE WITH POLYPROPYLENE MESH SUPPORT





SINGLE ROW TYPE C SILT FENCE WITH WOVEN WIRE SUPPORT

FENCE TYPE	POST LENGTH	Н	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	l'-6"	3′-0"	
TYPE "C"	4 FT.	2'-4"	l'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

## NOTES:

- I. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST  $\frac{1}{2}$  INCHES LONG AND A CROWN AT LEAST  $\frac{3}{4}$ INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, IINCH LONG , WITH BUTTON HEADS AT LEAST  $\frac{3}{4}$  INCHES WIDE.
- 2. NAILS OR STAPLES SHALL BE EVENLY PLACED WITH AT LEAST 5 PER POST FOR TYPE A FENCE AND 4 PER POST FOR TYPE C FENCE.
- 3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12 /2 GAUGE.
- 4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
- 5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
- 6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
- 7. SEE QPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.

|//|8720||-|;25;|3-PM-\\GDOT-DSN|\GOPLOT\QCF\GO\_KTp8000.qcf-gowens V:\GARY\Rev. Construction Details\D-24A\D-24A\D-24A.prf

8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
	CONSTRUCTION DETAILS
REVISION	TEMPORARY SILT FENCE
	NO SCALE REV. AND REDRAWN JAN. 2011
BY	NUMBER D-24A

PROFESSIONAL No. 0000021332



BY DATE REVISIONS



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EROSION CONTROL DETAILS

PHASE 2 HUGH HOWELL ROAD TRAIL

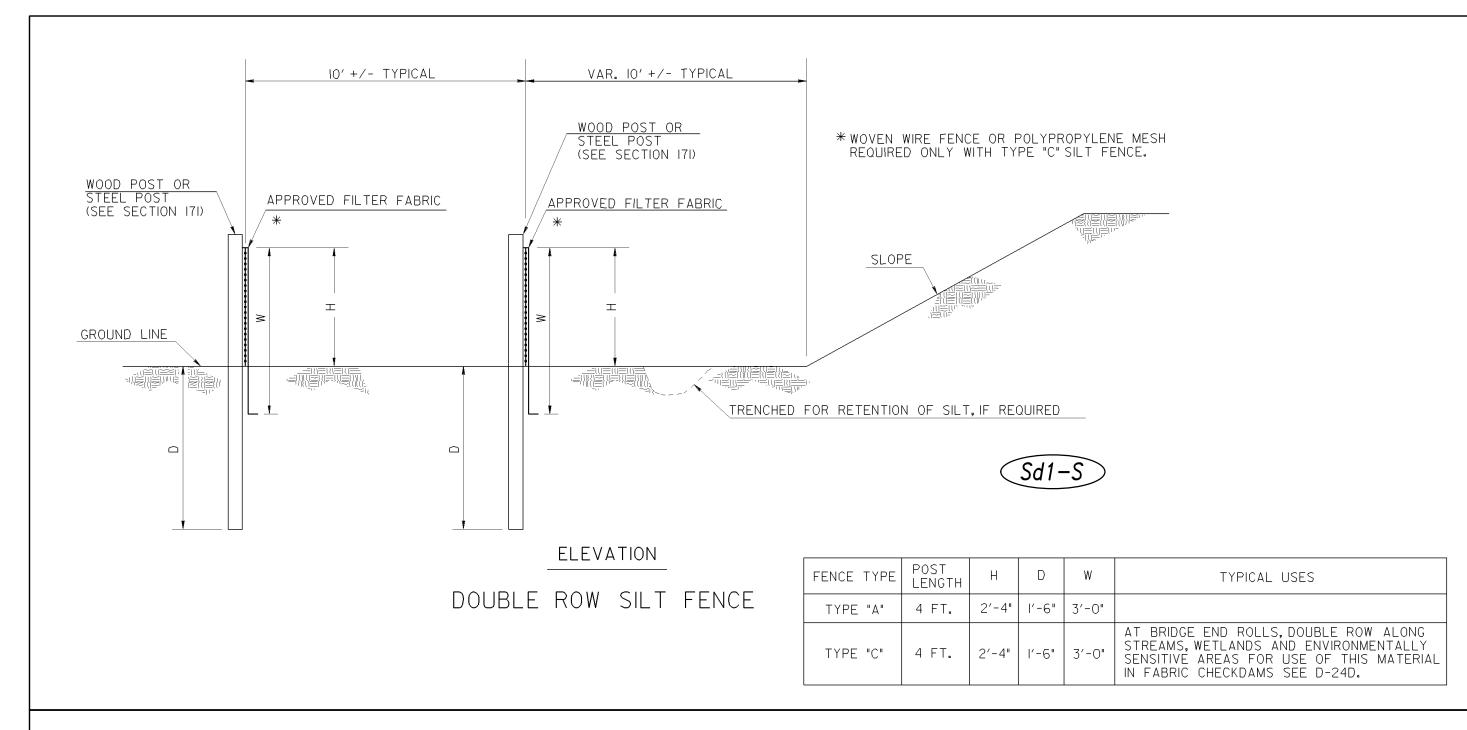
PROJECT LOCATION: City of Tucker Dekalb County, GA

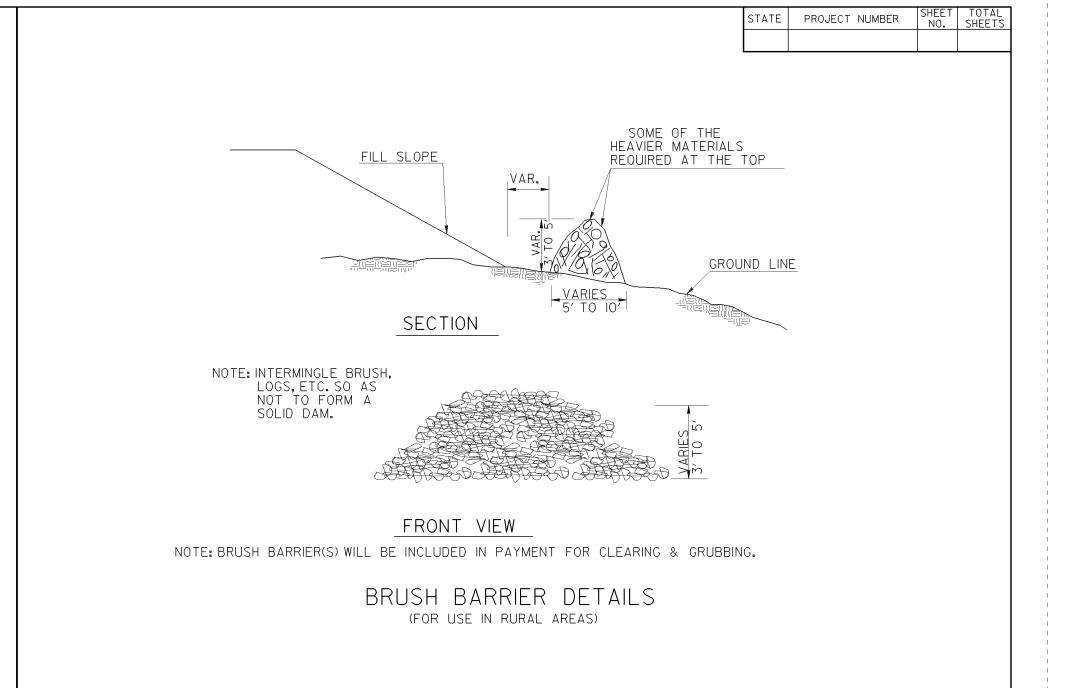
CLIENT/OWNER: City of Tucker 1975 Lakeside Parkway Suite 350A Tucker, GA 30084

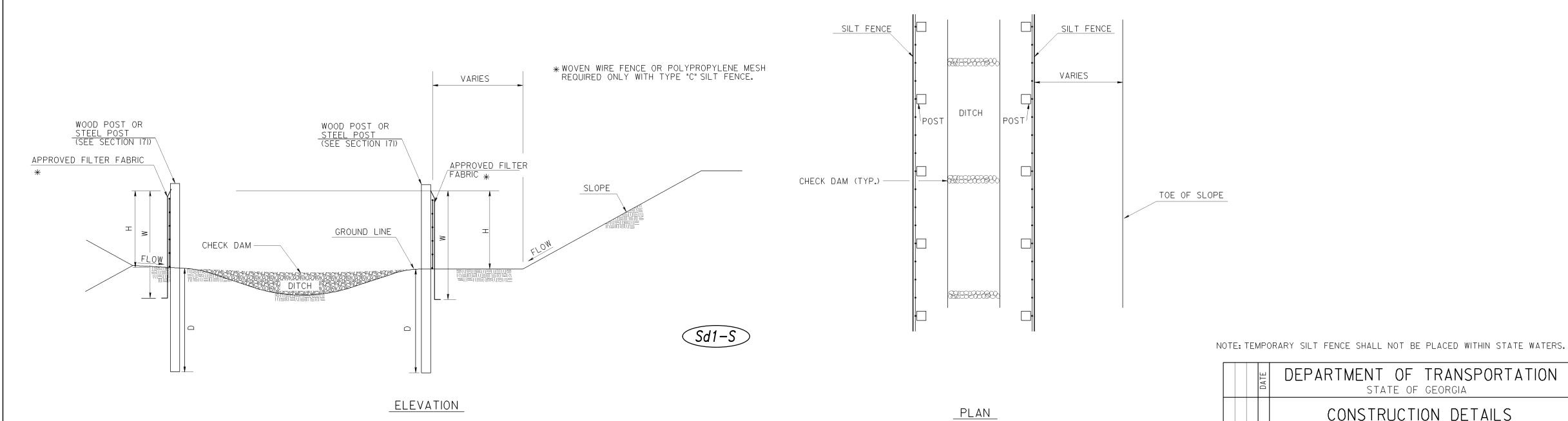
DATUM: HORIZ.: VERT.:

JOB NO: 30603 DATE: 08/15 DRAWN: L.E.H. DESIGNED: L.E.H. REVIEWED: APPROVED:

LEVEL II CERTIFIED DESIGN







FENCE TYPE POST LENGTH H D W TYPICAL USES

TYPE "A" 4 FT. 2'-4" 1'-6" 3'-0"

AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

SILT FENCE PERIMETER INSTALLATION ALONG DITCH SECTION CONSTRUCTION DETAILS

TEMPORARY SILT FENCE

BERM DITCH, INSTALLATION, BRUSH BARRIER

NO SCALE

REV. AND REDRAWN JAN. 2011

NUMBER

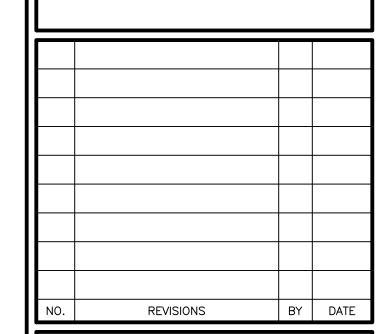
D-24B

(SHEET 2 OF 4)

|/|8720||-2:04:43||PM|\\GDOT-DSN|\GOPLOT\QCF\GO\_KTp8000.qcf||gowens||V:\GARY\Rev.||Construction||Details\D-24B\D-24B\D-24B.prf

LEVEL II CERTIFIED DESIGN PROFESSIONAL No. 0000021332







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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.

LEVEL II CERTIFIED DESIGN PROFESSIONAL No. 0000021332



NO. REVISIONS BY DATE



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EROSION CONTROL DETAILS

HUGH HOWELL ROAD TRAIL

PHASE 2

PROJECT LOCATION:
City of Tucker
Dekalb County, GA

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

Tucker, GA 30084

DATUM: HORIZ.:

APPROVED:

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

56-004

VERT.: