







# GENERAL NOTES

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	03	34

## GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA STANDARD SPECIFICATIONS - CONSTRUCTION OF ROADS AND BRIDGES.
- A N.O.I (NOTICE OF INTENT) IS NOT REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS 38,055.05 SQ. FT. / 0.87 ACRES.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
- NOTIFY CITY OF OXFORD, GA INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION AT 770-786-7004.
- HORIZONTAL CONTROL IS BASED UPON GEORGIA STATE PLANE COORDINATE SYSTEM. SEE PLANS FOR LOCATIONS OF MONUMENTS USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT. REFER TO SECTION 149 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- ALL SIDEWALKS AND CURB RAMPS WILL BE CONSTRUCTED TO MEET ALL REQUIREMENTS OF THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND "AMERICAN DISABILITY ACT OF 1991". SEE GDOT CONSTRUCTION DETAIL CURB CUT (WHEELCHAIR) RAMPS. RAMPS SHALL BE CONSTRUCTED AT ALL SIDE STREETS THAT INTERSECT THE SIDEWALK CONSTRUCTION.
- ALL EXISTING MANHOLES, VALVES, SURVEY POINTS/BENCH MARKS ETC. LOCATED WITHIN THE AREAS WHERE THE SIDEWALK IS TO BE CONSTRUCTED SHALL BE ADJUSTED TO GRADE OR RELOCATED. THE TOPS OF THESE OBJECTS MUST REMAIN ACCESSIBLE AND FLUSH WITH THE TOP OF THE SIDEWALK OR FINISHED GRADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF VAULTS AND BASEMENTS EXTENDING BEYOND THE BUILDING LINE PRIOR TO CONSTRUCTION. IF ANY EXISTS, SUCH VAULTS AND BASEMENTS SHALL BE PROTECTED IN PLACE. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR ALL COSTS
- ALL DRIVES AND PARKING AREAS THAT ARE RECONSTRUCTED SHALL BE REPLACED IN KIND (I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR EARTH). WHERE REQUIRED, DRIVES SHALL BE CONSTRUCTED AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS:  
  
PRIME COAT SHALL BE CUT-BACK ASPHALT OR CUT-BACK ASPHALT-EMULSION APPLIED ON A CLEAN SLIGHTLY DAMP SURFACE IN THE AMOUNT OF FROM TEN HUNDREDTH TO THIRTY HUNDREDTH GALLONS PER SQUARE YARD, DEPENDING UPON THE NATURE AND CONDITION OF THE SURFACE.  
  
WEARING SURFACE SHALL CONSIST OF AN APPROVED PLANT MIX PREPARED IN A CENTRAL PLANT AND COMPOSED OF AGGREGATE AND BITUMINOUS MATERIAL HAVING AN IN PLACE MINIMUM COMPACTED THICKNESS OF 1.5 INCHES.
- THE CONTRACTOR SHALL SECURE THE CONSTRUCTION AREA WITH TEMPORARY 8' CHAIN LINK FENCE. FENCING SHALL BE RELOCATED AS CONSTRUCTION PROGRESSES.
- CONTRACTOR MUST SUBMIT CONSTRUCTION PHASING PLAN AND DETOUR PLANS FOR CITY APPROVAL PRIOR TO CONSTRUCTION.

## PROJECT SPECIFIC NOTES

- THIS PROJECT IS LOCATED 100 PERCENT WITHIN CONGRESSIONAL DISTRICT NO. 4.
- THIS PROJECT IS LOCATED 100 PERCENT WITHIN THE CITY OF OXFORD, NEWTON COUNTY.
- ALL COSTS FOR EARTHWORK AND GRADING SHALL BE PAID FOR AT THE PRICE BID FOR GRADING COMPLETE - LUMP SUM. THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING SUITABLE BORROW MATERIAL, IF REQUIRED FOR THIS PROJECT, AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR. COMPACT UPPER 1-FOOT OF SOIL BENEATH PAVEMENT AREAS TO 98% STANDARD PROCTOR PER ASTM D698.
- UTILITY WORK COORDINATION WILL BE REQUIRED AS A PART OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR USING THE UPC ONE-CALL CENTER AT 811 PRIOR TO THE START OF WORK FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.
- THE FOLLOWING KNOWN ENTITIES HAVE FACILITIES WITHIN THE LIMITS OF THE PROJECT AND MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR MAY INSTALL NEW FACILITIES CONCURRENTLY WITH THE CONSTRUCTION WORK:

ENTITIES			
NAME	SERVICE	CONTACT	EMAIL
NEWTON COUNTY WATER & SEWER AUTHORITY	WATER & SEWER	*	info@ncwsa.us
OXFORD COLLEGE OF EMORY UNIVERSITY	UNIVERSITY	KENNETH CARTER	kcart01@emory.edu

- AT LOCATIONS WHERE NEW PAVEMENT OR NEW CURB IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY, A JOINT SHALL BE SAWED ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE PAVEMENT REMOVAL TO A NEAT LINE. A NEAT EDGE WILL BE INCLUDED IN GRADING COMPLETE - LUMP SUM.
- CLEARING AND GRUBBING ON THIS PROJECT IS LIMITED TO THE ACTUAL CONSTRUCTION LIMITS. NO CLEARING AND GRUBBING BEYOND CONSTRUCTION LIMITS UNLESS DIRECTED BY THE ENGINEER. STRUCTURES, TREES, SHRUBS, AND OTHER LANDSCAPE PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
- ALL EXISTING PIPE SHALL REMAIN UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE REPRESENTATIVE OF THE CITY. REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
- 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 PLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR RE-GRADING AS REQUIRED BY THE REPRESENTATIVE OF THE CITY. EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- ALL PIPING CONSTRUCTION MUST BE DONE USING TRENCH BOXES, NO LAYBACK TRENCH CONSTRUCTION WILL BE PERMISSIBLE. CONTRACTOR WILL BE RESPONSIBLE FOR THE SHEETING/SHORING, IF REQUIRED, ADJACENT TO EXISTING BUILDINGS. SHEETING/SHORING MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF GEORGIA. THE SHEETING/SHORING PLANS MUST BE SUBMITTED TO THE CITY ENGINEER AT LEAST TWO WEEKS PRIOR TO ANY CONSTRUCTION. THE CITY BUILDING INSPECTOR MUST REVIEW AND APPROVE PLANS SUBMITTED BY THE CONTRACTOR.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS BE REQUIRED TO POTHOLE ALL EXISTING UTILITIES IN THE AREA OF THE PROPOSED STORM DRAINAGE IMPROVEMENTS, TO VERIFY NO CONFLICTS EXIST AND TO IDENTIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES (INCLUDING, BUT NOT LIMITED TO WATER, GAS, ELECTRICAL AND COMMUNICATION LINES). PRIOR TO CONSTRUCTION ACTIVITY, ANY AND ALL POTENTIAL CONFLICTS SHALL BE REPORTED TO THE ENGINEERS ATTENTION IMMEDIATELY.

## TRAFFIC CONTROL NOTES

- THE CONTRACTORS ATTENTION IS DIRECTED TO ARTICLES 104.05 AND 107.07 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS IN REGARDS TO MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. FOR ADDITIONAL TRAFFIC CONTROL NOTES SEE GDOT STD. DRAWING NO. 9100.
- 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 ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION AND/OR AS DIRECTED BY THE REPRESENTATIVE OF THE CITY.
- WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDING, UNLESS SPECIFIED BY THE REPRESENTATIVE OF THE CITY.
- NO SEPARATE PAYMENT WILL BE MADE FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC. COSTS FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED UNDER THE PRICE BID FOR TRAFFIC CONTROL - LUMP SUM. QUANTITY SHOWN IN PLANS FOR AGGREGATE SURFACE COURSE IS FOR FINISHED DRIVEWAYS ONLY.
- WARNING DEVICES SHALL BE PLACED PRIOR TO COMMENCEMENT OF ANY ROAD IMPROVEMENT WORK AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL SIGNING AND STRIPING WORK.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND THE PERIMETER OF THE CONSTRUCTION AREA AT ALL TIMES.

## STORMWATER NOTES:

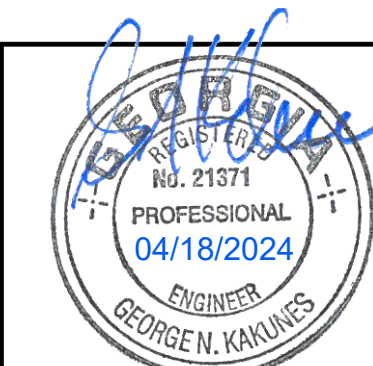
- ALL DESIGN AND CONSTRUCTION FOR STORMWATER SHALL COMPLY WITH THE CITY OF OXFORD REQUIREMENTS, NEWTON COUNTY REQUIREMENTS, AND CURRENT GEORGIA STORMWATER MANAGEMENT MANUAL (GSMM). A CURRENT COPY WILL BE MAINTAINED AND AVAILABLE FOR PUBLIC REFERENCE DURING OFFICE HOURS IN THE CITY OF OXFORD OFFICE AND ZONING OFFICE. PLEASE CALL 770-786-7004 FOR MORE INFORMATION.
- CONTRACTOR SHALL PROVIDE RECORD DRAWINGS "AS-BUILT PLANS" AND "FINAL PLATS" (IF APPLICABLE) IN HARD COPY AND ELECTRONIC (AUTOCAD OR MICROSTATION FORMAT), AS WELL AS RECORD ALL EASEMENTS THAT WILL BE DEDICATED TO NEWTON COUNTY IN THE COURT HOUSE, PRIOR TO OBTAINING THE CERTIFICATE OF OCCUPANCY/COMPLETION.
- FIELD CHANGES DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW & APPROVAL BY THE CITY ENGINEER.
- CONTRACTOR MUST NOTIFY WATER & SEWER CONSTRUCTION INSPECTOR AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.  
  
CITY OF OXFORD CONTACT NO 770-786-7004 EMAIL bandrew@oxfordgeorgia.org  
BILL ANDREW  
  
NEWTON COUNTY CONTACT NO 770-787-1375
- A MINIMUM OF TWO (2) FEET OF COVER IS REQUIRED ABOVE PROPOSED WATER LINES. IN AREAS WHERE THERE IS LESS THAN TWO (2) FEET OF COVER, THE CONSTRUCTION OF A SIX (6) INCH THICK CONCRETE SLAB, TWO (2) FEET ABOVE THE TOP OF PIPE WILL BE REQUIRED (SLAB WILL BE A MINIMUM OF THREE (3) FEET IN WIDTH AND 4,000 PSI STRENGTH, NON-REINFORCED).
- CONTRACTOR IS REQUIRED TO PROVIDE AS-BUILT INFORMATION FOR STORMWATER UPGRADES TO CITY OF OXFORD AND/OR GDOT SYSTEMS (HARD COPIES AND ELECTRONIC FILES).

Apr 11, 2024 - 4:55pm  
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1600 RiverEdge Parkway NW, Ste. 700  
Atlanta, GA 30328  
Tel: (770)933-0280

Certificate of Authorization #PEF000902  
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NOT VALID FOR CONSTRUCTION  
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### REVISION DATES


### REVISION DATES


CITY OF OXFORD, GEORGIA

WHATCOAT STREET

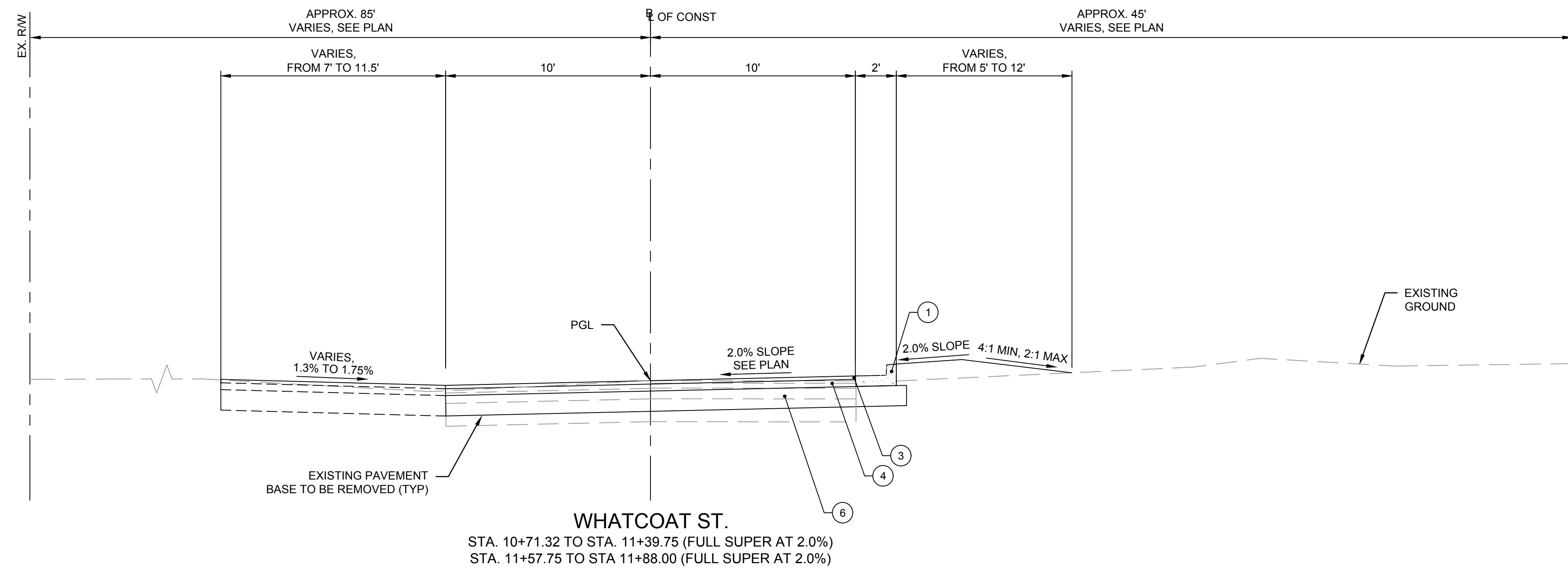
## GENERAL NOTES

DRAWING NO.

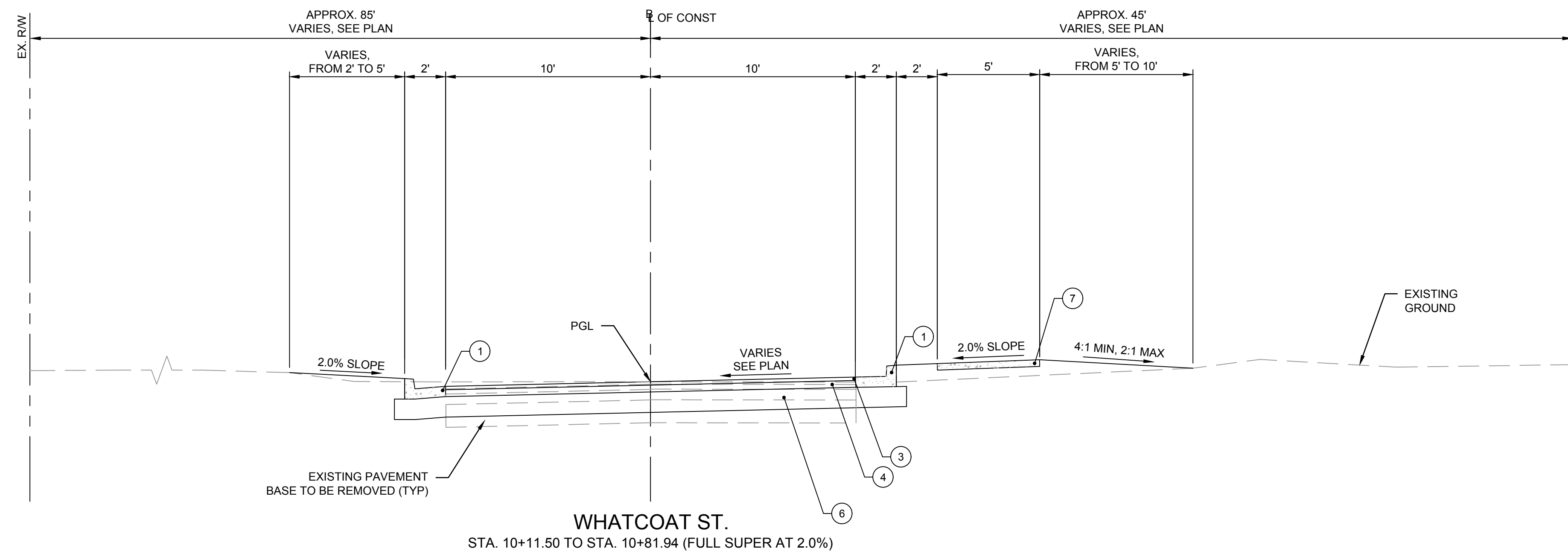
04-01



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	04	34



- ① 24" CURB & GUTTER (GDOT TYPE 2)
- ② HEADER CURB (GDOT TYPE 2)
- ③ RECYCLED ASP. CONC. 1 1/4" 9.5mm SUPERPAVE, TYPE I GP 1 OR BLEND 1, INCL BITUM. MATL & H LIME (220 LB/SY)
- ④ RECYCLED ASP. CONC. 2 1/4" 19mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (440 LB/SY)
- ⑤ RECYCLED ASP. CONC. 6.00" 25mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (660 LB/SY) (NOT USED)
- ⑥ AGGREGATE BASE 8.00" GRADED AGGREGATE BASE, INCLUDE MATERIAL
- ⑦ 4" THICK CONCRETE SIDEWALK



Apr 11, 2024 - 5:11pm  
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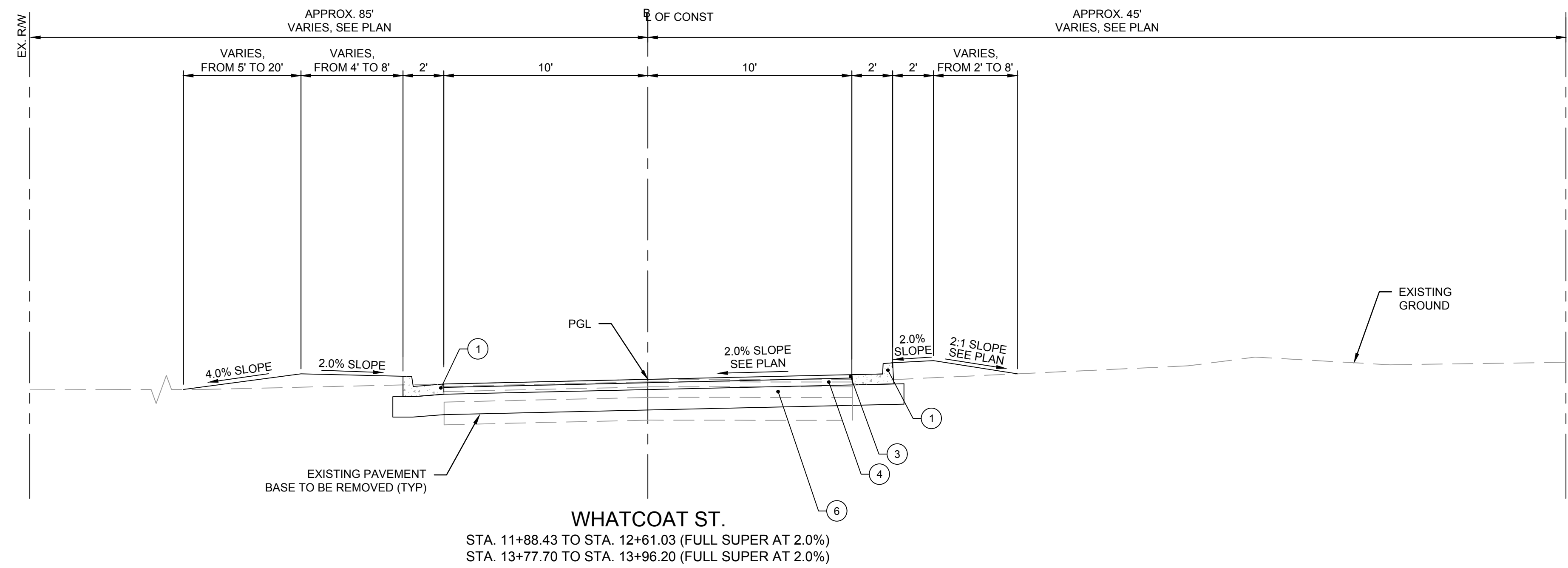
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03/18/24	

CITY OF OXFORD, GEORGIA  
WHATCOAT STREET  
TYPICAL SECTIONS

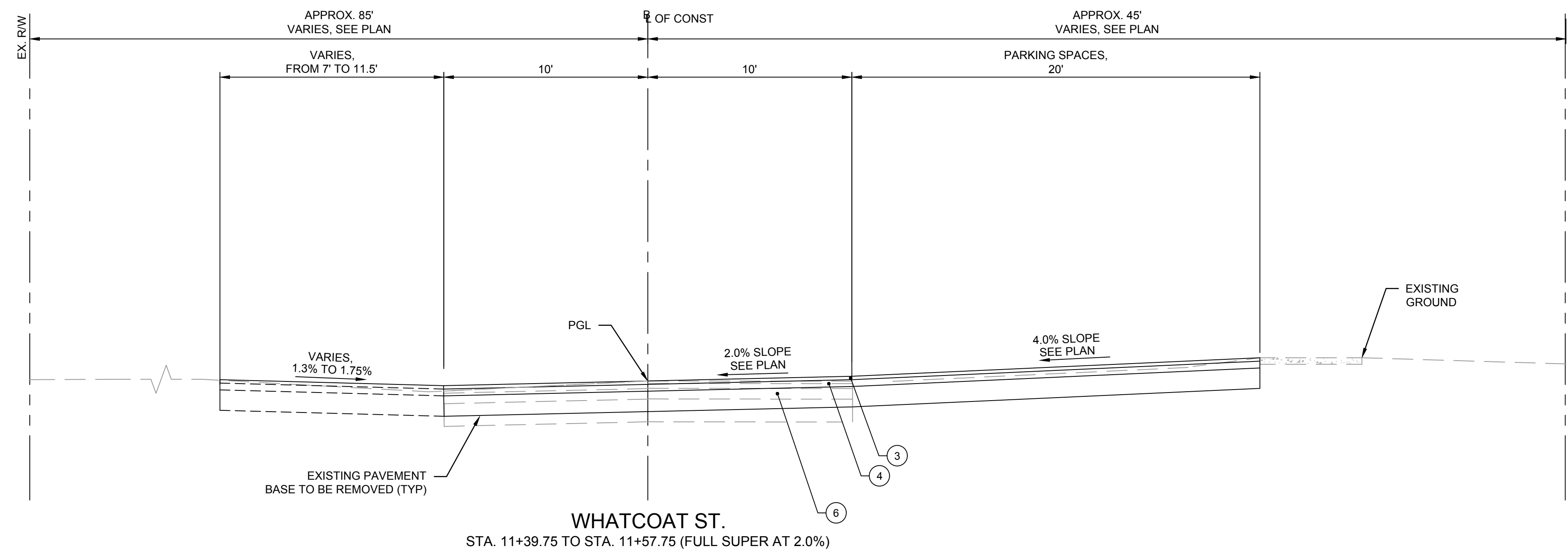
DRAWING NO.  
05-01



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GA	100085499	05	34



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- ② HEADER CURB (GDOT TYPE 2)
- ③ RECYCLED ASP. CONC. 1 1/4" 9.5mm SUPERPAVE, TYPE I GP 1 OR BLEND 1, INCL BITUM. MATL & H LIME (220 LB/SY)
- ④ RECYCLED ASP. CONC. 2 1/4" 19mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (440 LB/SY)
- ⑤ RECYCLED ASP. CONC. 6.00" 25mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (660 LB/SY) (NOT USED)
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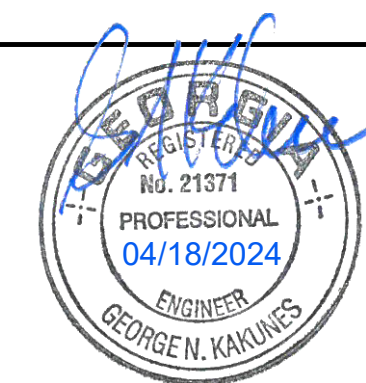


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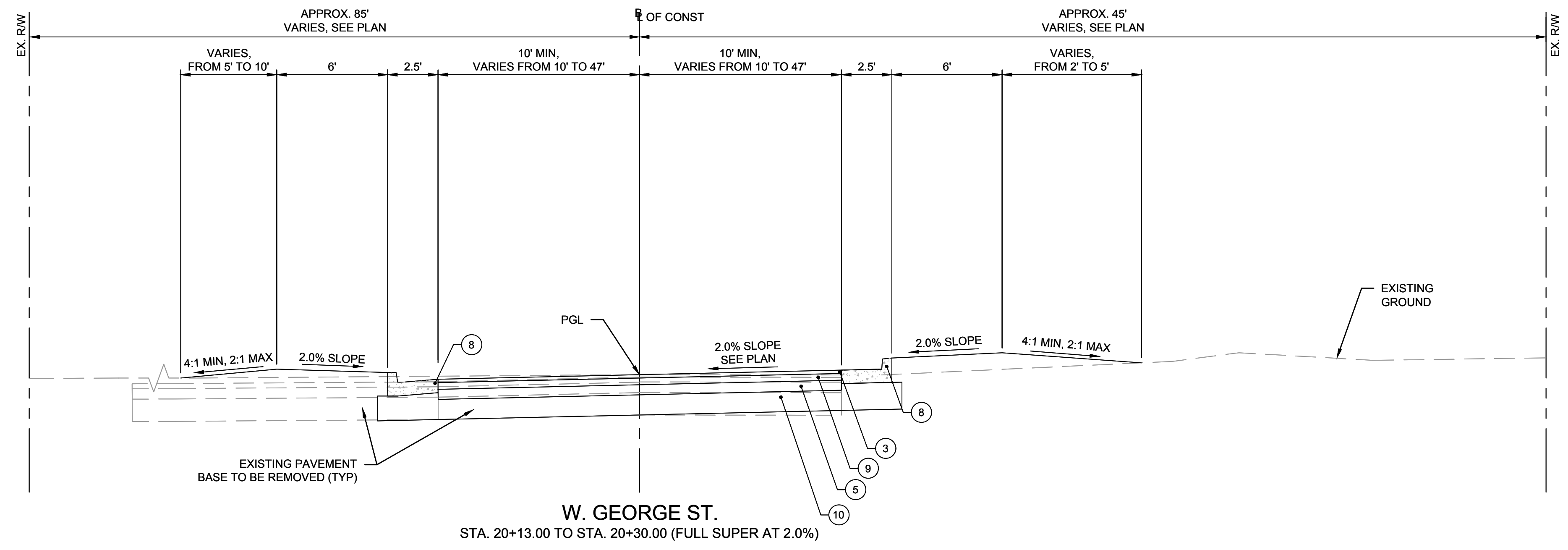
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REVISION DATES	REVISION DATES
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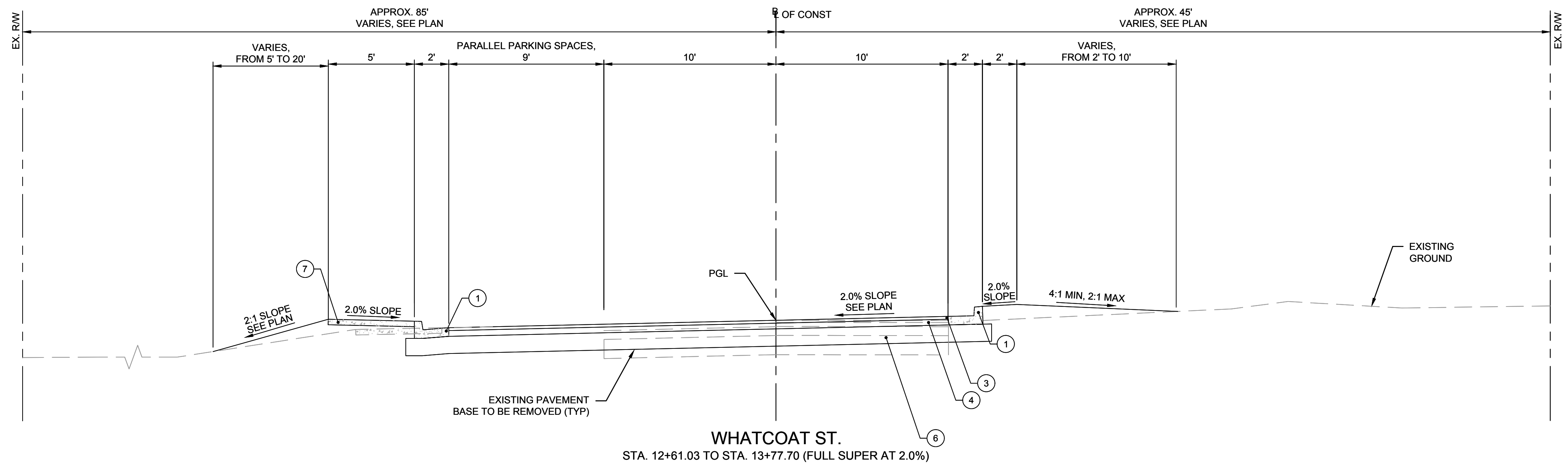
CITY OF OXFORD, GEORGIA  
WHATCOAT STREET  
TYPICAL SECTIONS

DRAWING NO.  
05-02

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	06	34



- ① 24" CURB & GUTTER (GDOT TYPE 2)
- ② HEADER CURB (GDOT TYPE 2)
- ③ RECYCLED ASP. CONC. 1 1/4" 9.5mm SUPERPAVE, TYPE I GP 1 OR BLEND 1, INCL BITUM. MATL & H LIME (220 LB/SY)
- ④ RECYCLED ASP. CONC. 2 1/4" 19mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (440 LB/SY)
- ⑤ RECYCLED ASP. CONC. 6.00" 25mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (660 LB/SY)
- ⑥ AGGREGATE BASE 8.00" GRADED AGGREGATE BASE, INCLUDE MATERIAL
- ⑦ 4" THICK CONCRETE SIDEWALK
- ⑧ 8" X 30" CURB & GUTTER, (GDOT TYPE 2)
- ⑨ RECYCLED ASP. CONC. 2 1/2" 19mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (440 LB/SY)
- ⑩ AGGREGATE BASE 12.00" GRADED AGGREGATE BASE, INCLUDE MATERIAL

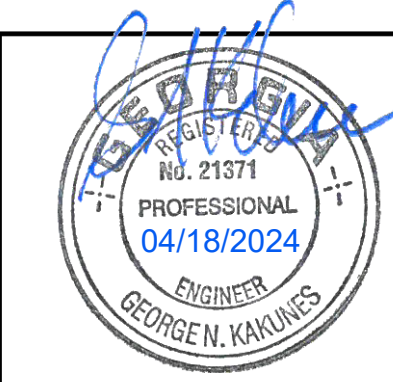


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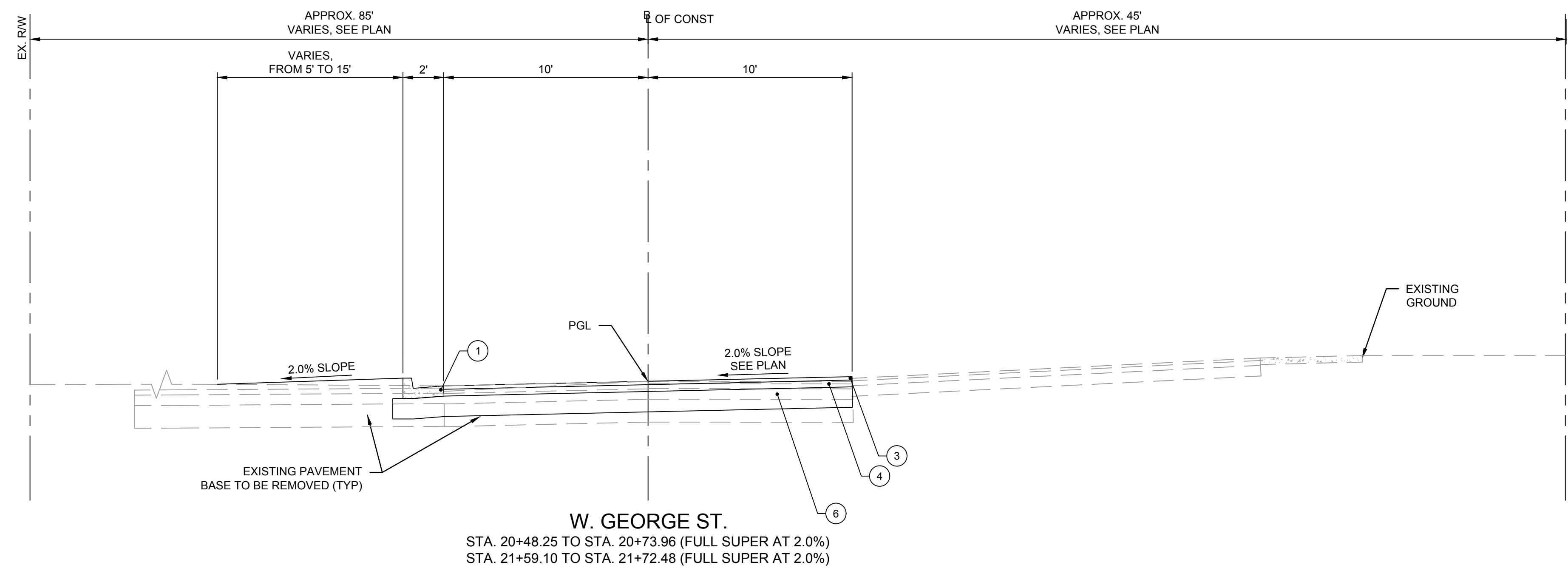
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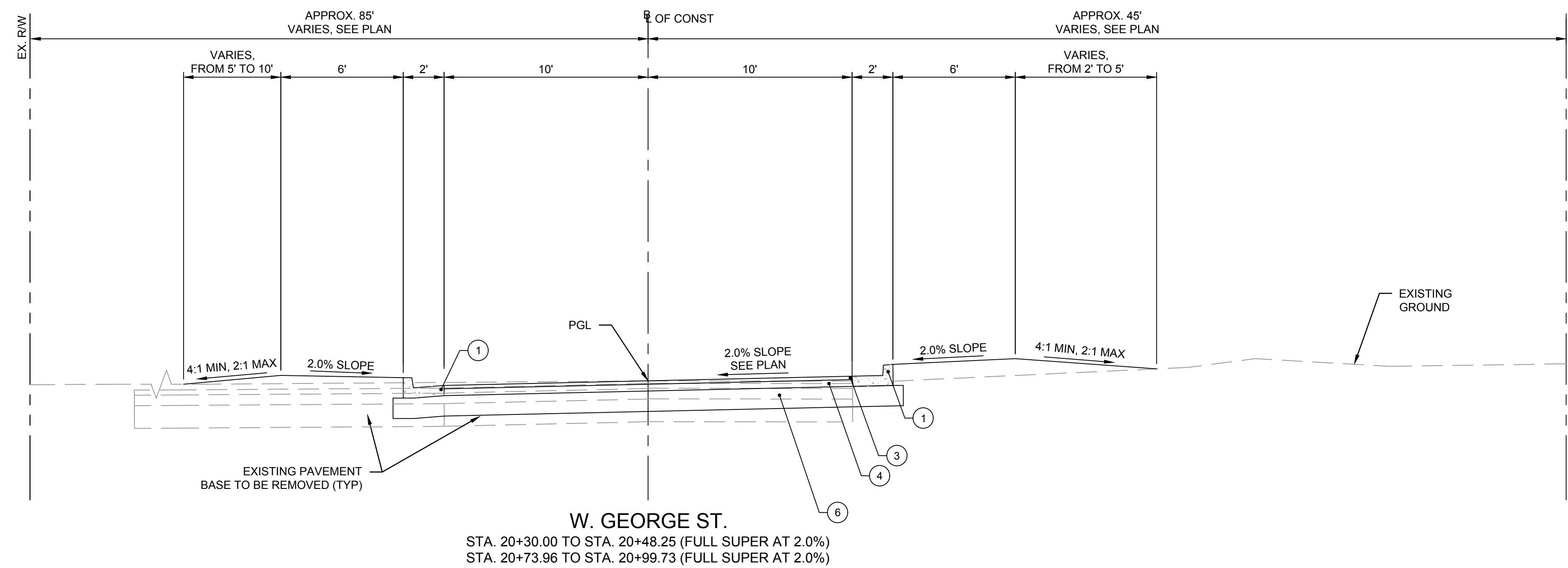
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WHATCOAT STREET	
TYPICAL SECTIONS	
DRAWING NO.	05-03



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	07	34



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- ② HEADER CURB (GDOT TYPE 2)
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- ⑤ RECYCLED ASP. CONC. 6.00" 25mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (660 LB/SY) (NOT USED)
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- ⑦ 4" THICK CONCRETE SIDEWALK



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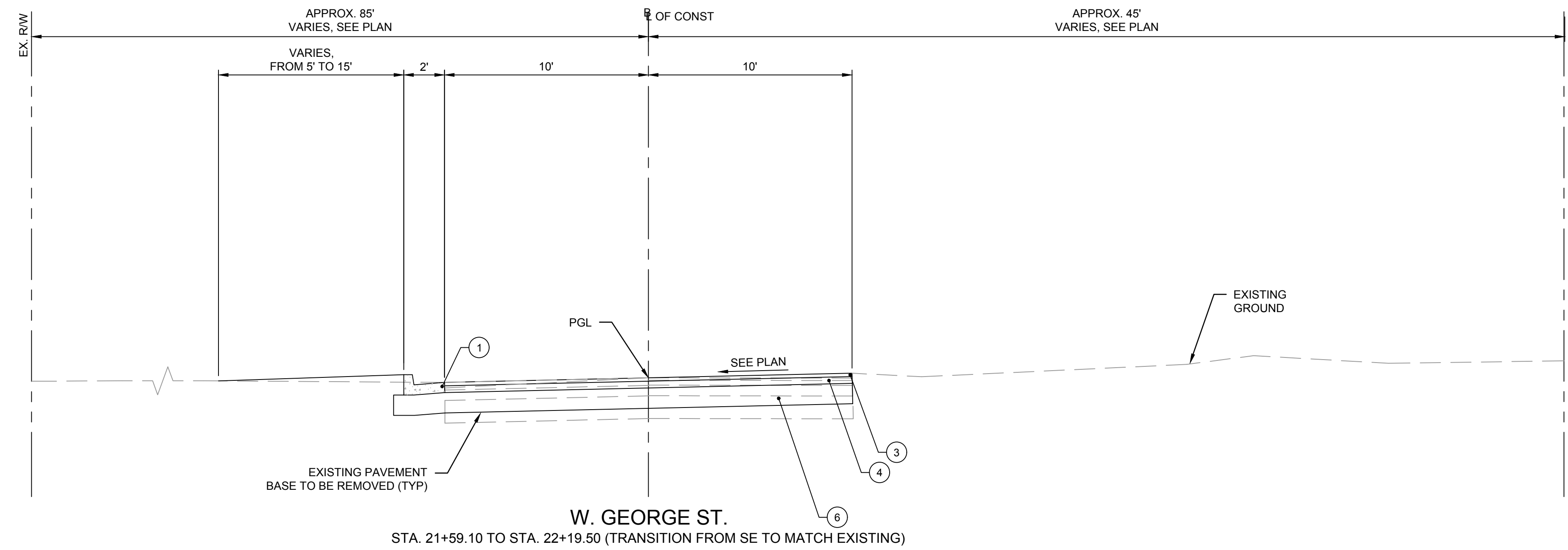


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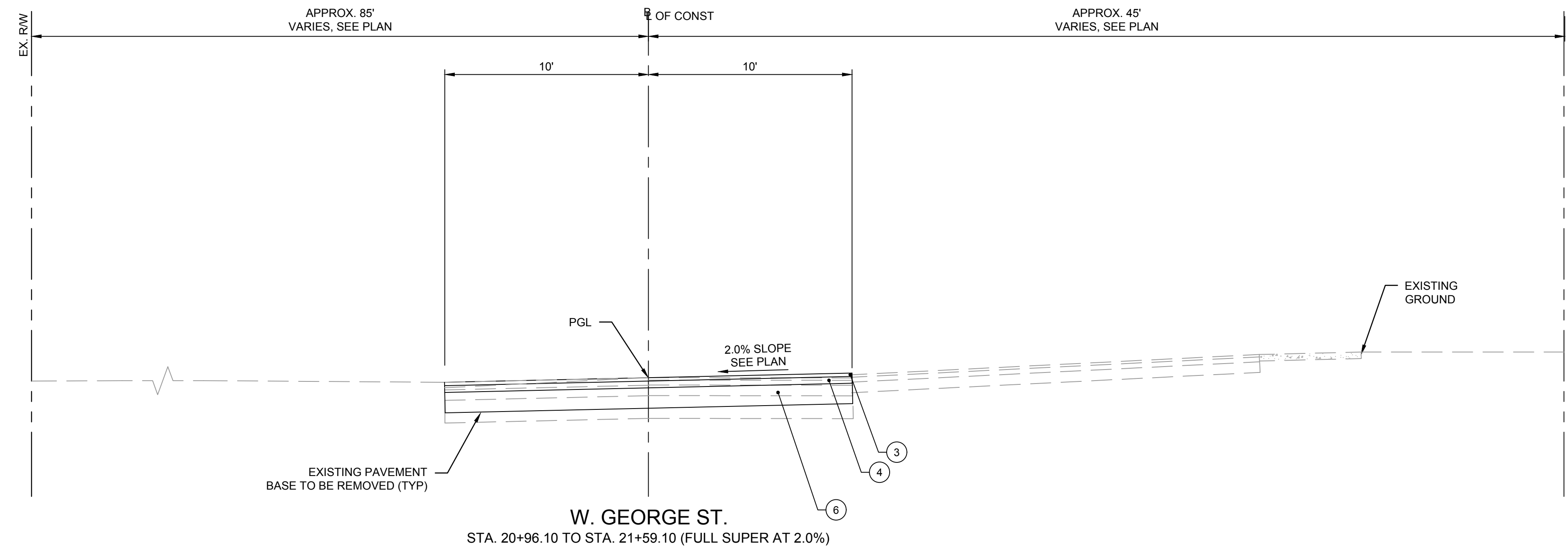
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CITY OF OXFORD, GEORGIA			
WHATCOAT STREET			
TYPICAL SECTIONS			
			DRAWING NO.
			05-04

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	08	34



- ① 24" CURB & GUTTER (GDOT TYPE 2)
- ② HEADER CURB (GDOT TYPE 2)
- ③ RECYCLED ASP. CONC. 1 1/4" 9.5mm SUPERPAVE, TYPE I GP 1 OR BLEND 1, INCL BITUM. MATL & H LIME (220 LB/SY)
- ④ RECYCLED ASP. CONC. 2 1/2" 19mm SUPERPAVE GP1 OR 2, INCL BITUM. MATL & H LIME (440 LB/SY)
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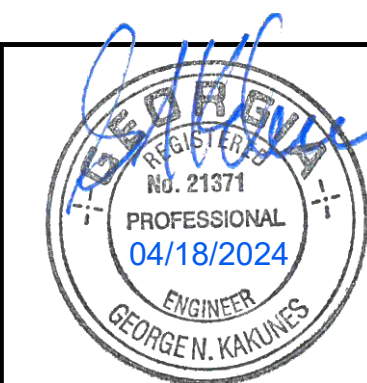


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05-05



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	09	34

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
<b>ROADWAY ITEMS</b>			
150-1000	TRAFFIC CONTROL -	LS	1
210-0100	GRADING COMPLETE -	LS	1
310-1101	GR AGGR BASE CRS, INCL MATL	TN	858
402-3100	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE I, GP 1 OR BLEND 1, INCL BITUM MATL & H LIME	TN	109
402-3190	RECYCLED ASPH CONC 19.0 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM MATL & H LIME	TN	209
413-0750	TACK COAT	GL	170
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	60
441-0104	CONC SIDEWALK, 4 IN	SY	170
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	844
441-6216	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	178
550-1180	STORM DRAIN PIPE, 18 IN RCP, H 1-10	LF	315
611-3030	RECONSTR STORM SEWER MANHOLE, TYPE 1	EA	1
668-2100	DROP INLET, GP 1	EA	2
668-2110	DROP INLET, GP 1, ADDL DEPTH	EA	2
668-1100	CATCH BASIN, GP1	EA	1
999-9000	WORK ALLOWANCE	LS	1
402-3121	RECYCLED ASPH CONC 25.0 MM SUPERPAVE, GP 1 OR, GP 2, INCL BITUM MATL & H LIME	TN	17
402-3113	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR, GP 2, INCL BITUM MATL & H LIME	TN	6
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LF	100
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	LF	75
441-7012	CURB CUT WHEELCHAIR RAMP, TYPE B	EA	2
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	9
<b>TEMPORARY EROSION CONTROL</b>			
163-0240	MULCH	TN	10
163-0232	TEMPORARY GRASSING	AC	1
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	7
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	1734
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	7
171-0030	TEMPORARY SILT FENCE, TYPE A	LF	1734
163-0300	CONSTRUCTION EXIT	EA	1
643-8200	BARRIER FENCE (ORANGE), 4 FT	LF	568
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	1
<b>PERMANENT EROSION CONTROL</b>			
700-6910	PERMANENT GRASSING	AC	0.27
700-7000	AGRICULTURAL LIME	TN	1
700-8000	FERTILIZER MIXED GRADE	TN	1
700-8100	FERTILIZER NITROGEN CONTENT	LB	25
700-9300	SOD	SY	1267
163-0527	CONSTRUCT AND REMOVE RIP RAP CHECK DAMS, STONE PLAN RIP RAP/SAND BAGS	EA	2
<b>SIGNING AND MARKING</b>			
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN. WHITE	LF	340
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN. YELLOW	LF	498
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN. WHITE	LF	25
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN. WHITE	LF	52
654-1004	RAISED PAVEMENT MARKERS, TP 4	EA	46
636-2070	GALV STEEL POST, TP 7	LF	64
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	24
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	1
634-1200	RIGHT OF WAY MARKER	EA	4
999-9001	SITE LIGHTING ALLOWANCE	LS	1

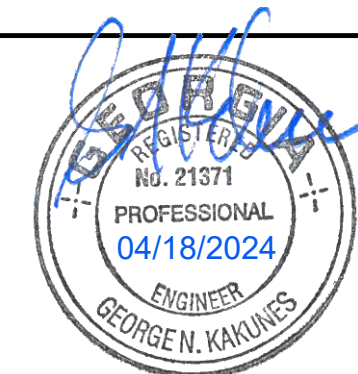
**NOTES:**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.
- INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE GEORGIA STANDARD SPECIFICATIONS.
- ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL.
- THERE IS NO SUITABLE PLACE TO BURY CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE COUNTY.
- STRUCTURES, TREES, SHRUBS AND OTHER PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION, SHALL NOT BE DISTURBED UNLESS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS REGARDING PIPE INSTALLATION IN TRENCHES. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- ALL EXISTING PIPE NO LONGER IN USE SHALL BE REMOVED UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER. REMOVAL OF PIPE SHALL BE INCLUDED IN PRICE BID FOR "GRADING COMPLETE".
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
- ALL SODDED LAWNS SHALL BE MATCHED IN KIND, I.E. BERMUDA - BERMUDA, ZOYSIA - ZOYSIA AND ETC.

Apr 12, 2024 - 8:13am  
I:\100085499 City of Oxford GA - Whatcoat Street\CA\DWG\BASE\PROPOSED\85499-C-OTO.dwg



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REVISION DATES

REVISION DATES

CITY OF OXFORD, GEORGIA

WHATCOAT STREET

**SUMMARY OF QUANTITIES**

DRAWING NO.

06-01



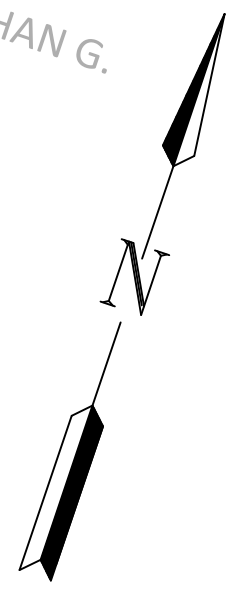
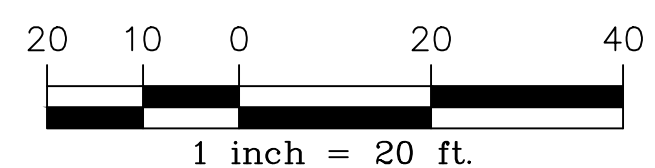
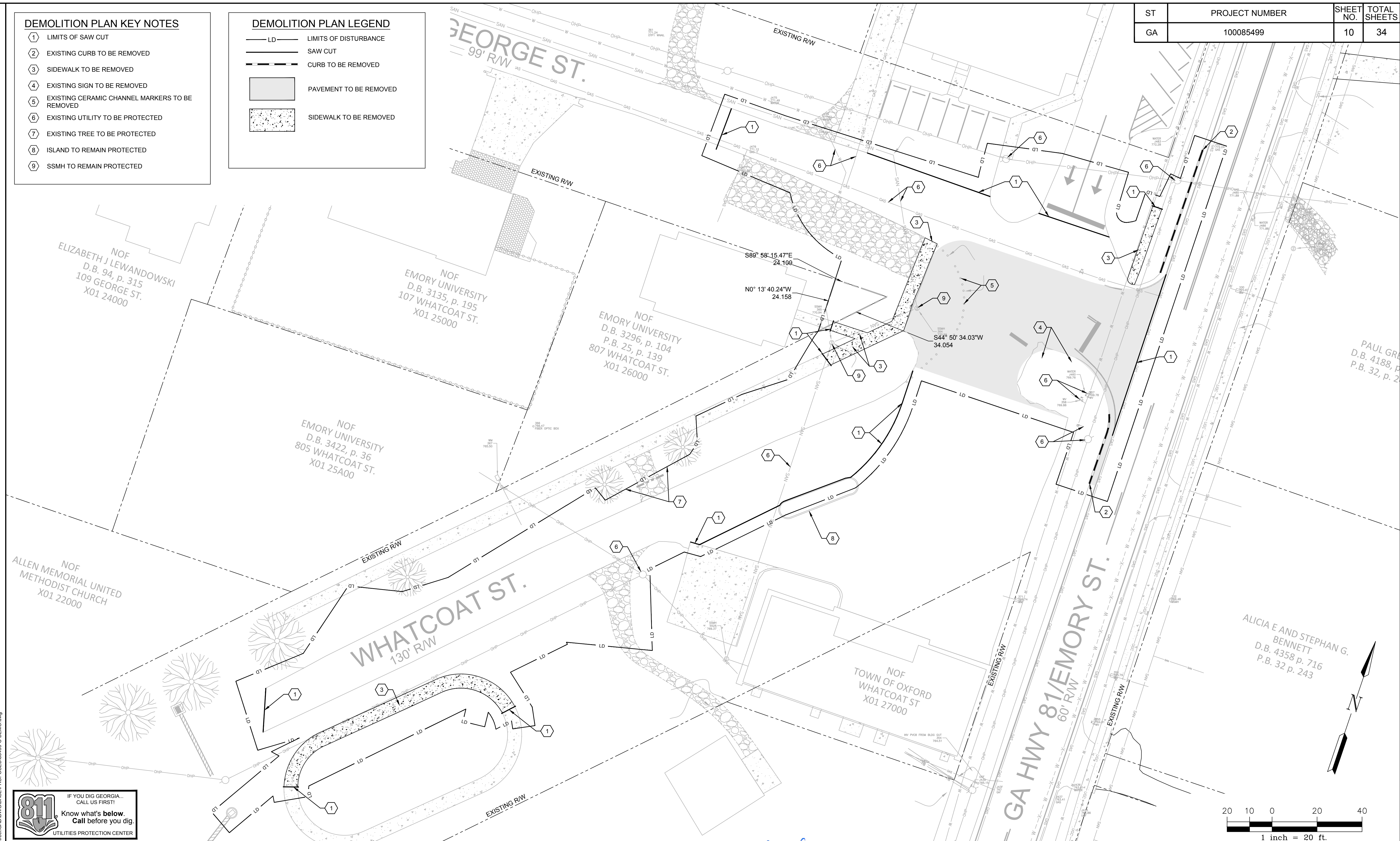
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	10	34

**DEMOLITION PLAN KEY NOTES**

- ① LIMITS OF SAW CUT
- ② EXISTING CURB TO BE REMOVED
- ③ SIDEWALK TO BE REMOVED
- ④ EXISTING SIGN TO BE REMOVED
- ⑤ EXISTING CERAMIC CHANNEL MARKERS TO BE REMOVED
- ⑥ EXISTING UTILITY TO BE PROTECTED
- ⑦ EXISTING TREE TO BE PROTECTED
- ⑧ ISLAND TO REMAIN PROTECTED
- ⑨ SSMH TO REMAIN PROTECTED

**DEMOLITION PLAN LEGEND**

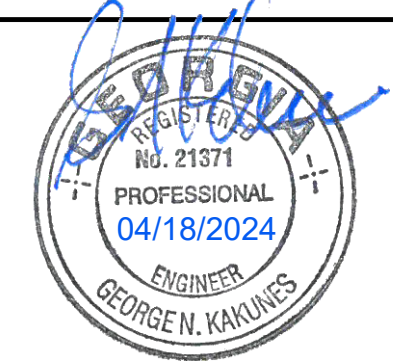
- LD — LIMITS OF DISTURBANCE
- SAW CUT
- CURB TO BE REMOVED
- PAVEMENT TO BE REMOVED
- SIDEWALK TO BE REMOVED



Apr 11, 2024 - 5:09pm I:\100085499 City of Oxford GA - Whatcoat Street\CAD\DWG\BASE\PROPOSED\85499-C-DEMO.dwg



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REVISION DATES

NO.	DATE	DESCRIPTION

CITY OF OXFORD, GEORGIA

WHATCOAT STREET

**DEMOLITION PLAN**

DRAWING NO.

12-01



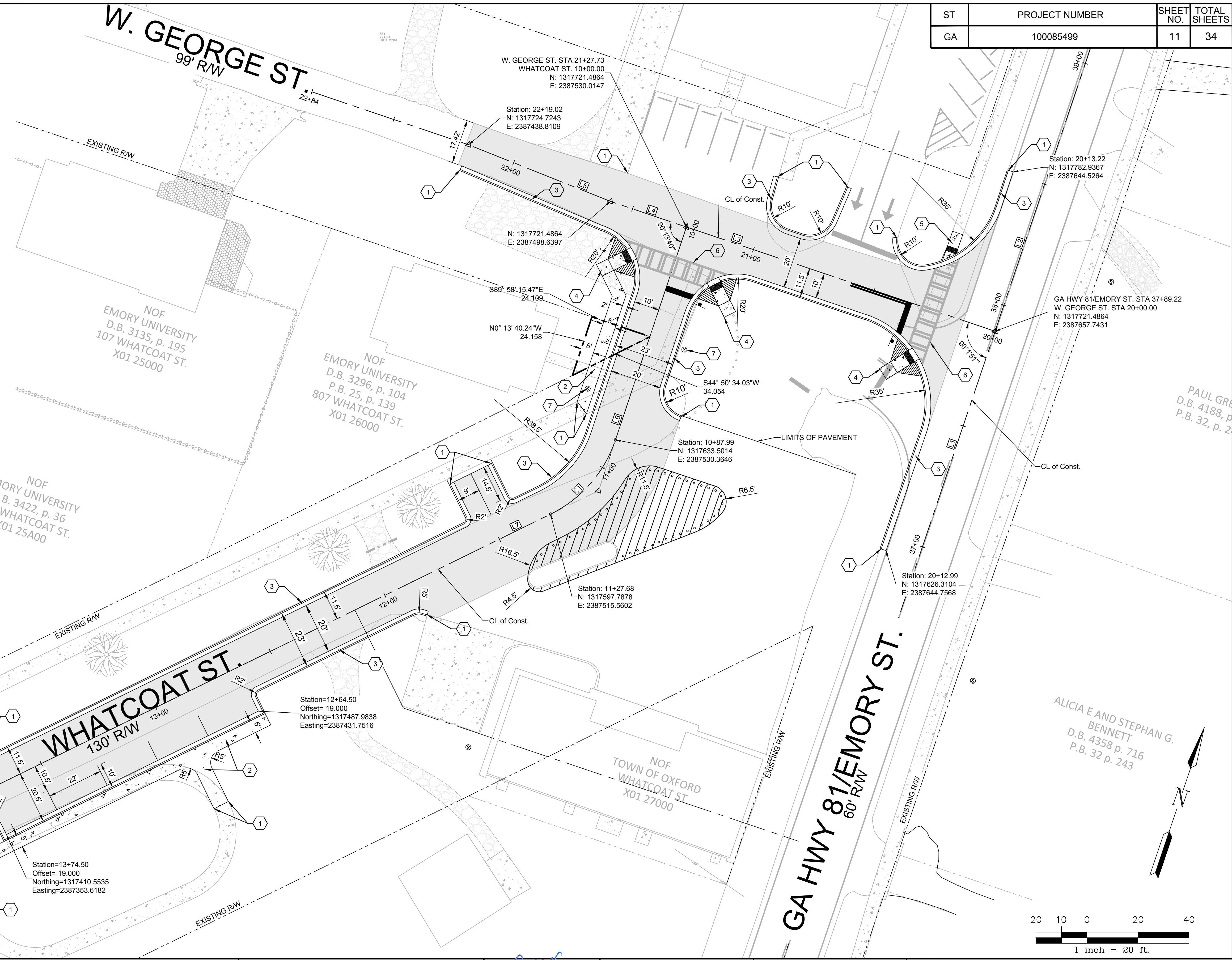
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	11	34

**MAINLINE PLAN  
KEY NOTES**

- 1 TIE TO EXISTING
- 2 5' WIDE CONCRETE SIDEWALK
- 3 24" CURB AND GUTTER (GDOT TYPE 2)
- 4 GDOT TYPE A RAMP
- 5 GDOT TYPE D RAMP
- 6 PEDESTRIAN CROSSWALK (GDOT T11A)
- 7 SSMH TOPS TO BE ADJUSTED TO GRADE

Line #	Length	Direction
L1	789.22'	N0°01'51"W
L2	459.86'	N0°01'51"W
L3	127.73'	N90°00'00"W
L4	31.37'	N90°00'00"W
L5	59.92'	N86°54'08"W
L6	87.99'	S0°13'40"E
L7	268.52'	S45°15'32"W

Curve #	Curve Data
C1	WHATCOAT ST. PI STA = 11+08.95 N: 1317612.5416 E: 2387530.4479 Delta = 45 29 12 Degree = 114 35 30 Tangent = 20.96' Length = 39.69' Radius = 50.00' Chord Bearing = S22° 30' 56"W Chord Length = 38.66'



NOF ALLEN MEMORIAL UNITED METHODIST CHURCH  
X01 22000

NOF EMORY UNIVERSITY  
D.B. 3422, p. 36  
805 WHATCOAT ST.  
X01 25A00

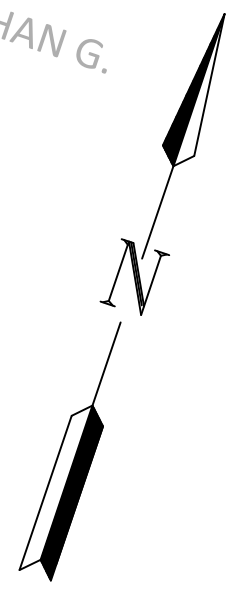
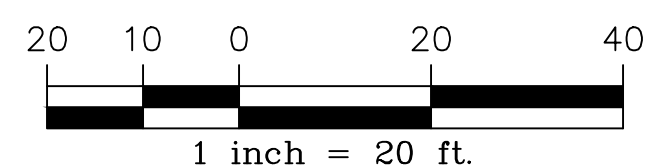
NOF EMORY UNIVERSITY  
D.B. 3135, p. 195  
107 WHATCOAT ST.  
X01 25000

NOF EMORY UNIVERSITY  
D.B. 3296, p. 104  
P.B. 25, p. 139  
807 WHATCOAT ST.  
X01 26000

NOF TOWN OF OXFORD  
WHATCOAT ST.  
X01 27000

ALICIA E AND STEPHAN G.  
BENNETT  
D.B. 4358 p. 716  
P.B. 32 p. 243

PAUL GR  
D.B. 4188, P  
P.B. 32, p. 2



Apr 11, 2024 - 5:14pm  
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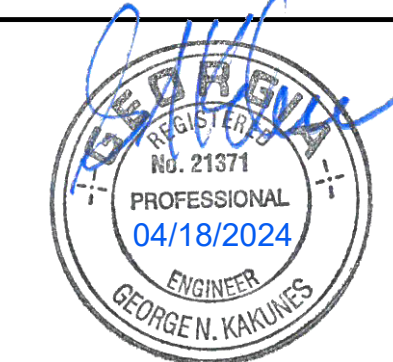
**MAINLINE PLAN LEGEND**

- ASPHALT PAVING LIMITS
- CONCRETE SIDEWALK



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NO.	DATE	DESCRIPTION

CITY OF OXFORD, GEORGIA

WHATCOAT STREET

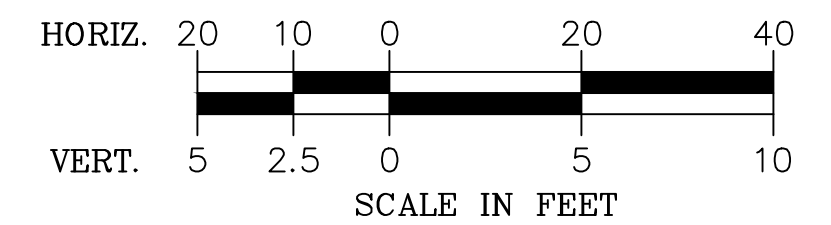
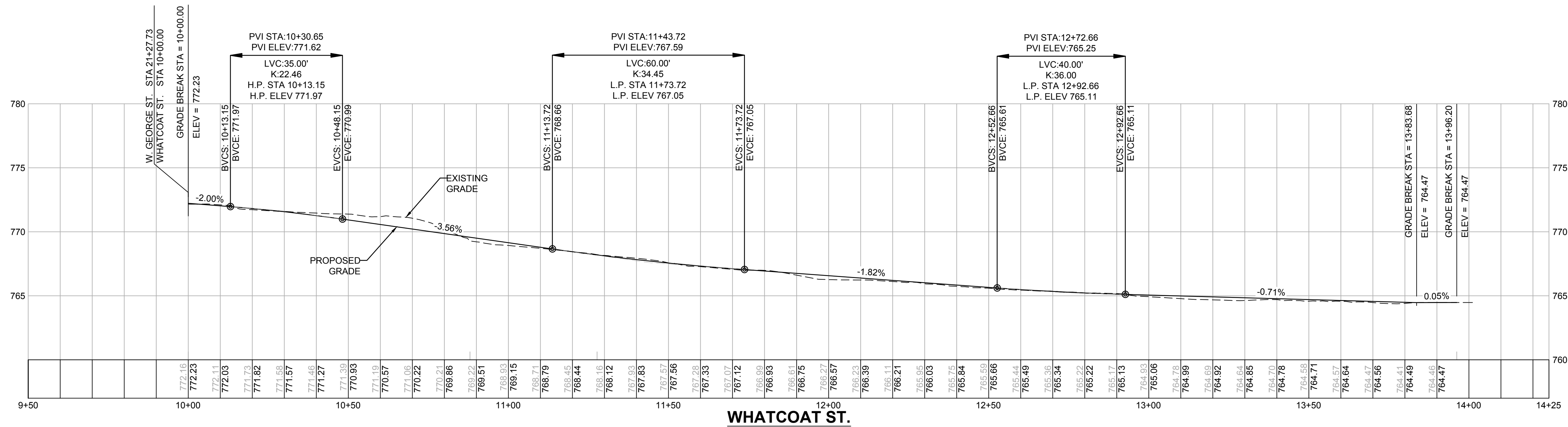
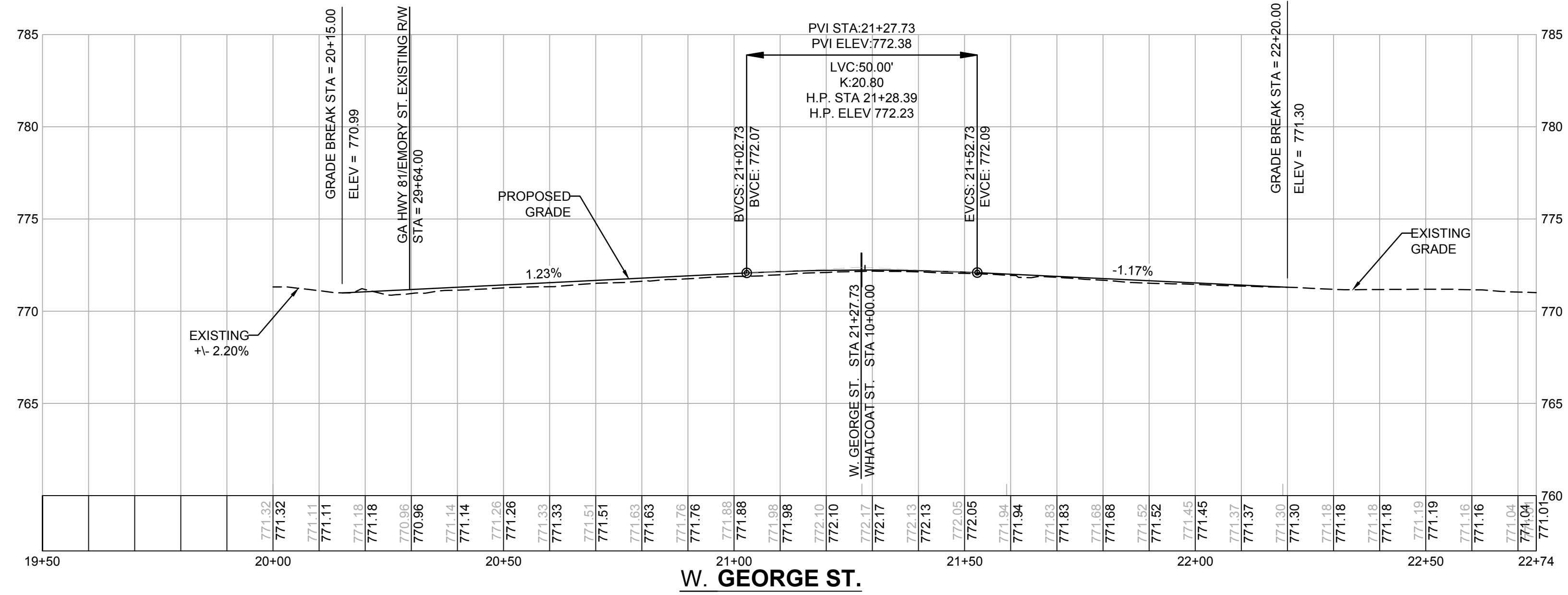
**MAINLINE PLAN**

DRAWING NO.

13-01



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	12	34

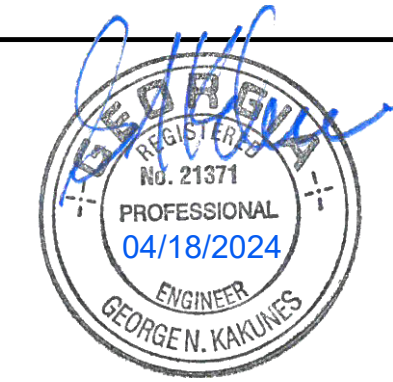


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REVISION DATES


CITY OF OXFORD, GEORGIA

WHATCOAT STREET

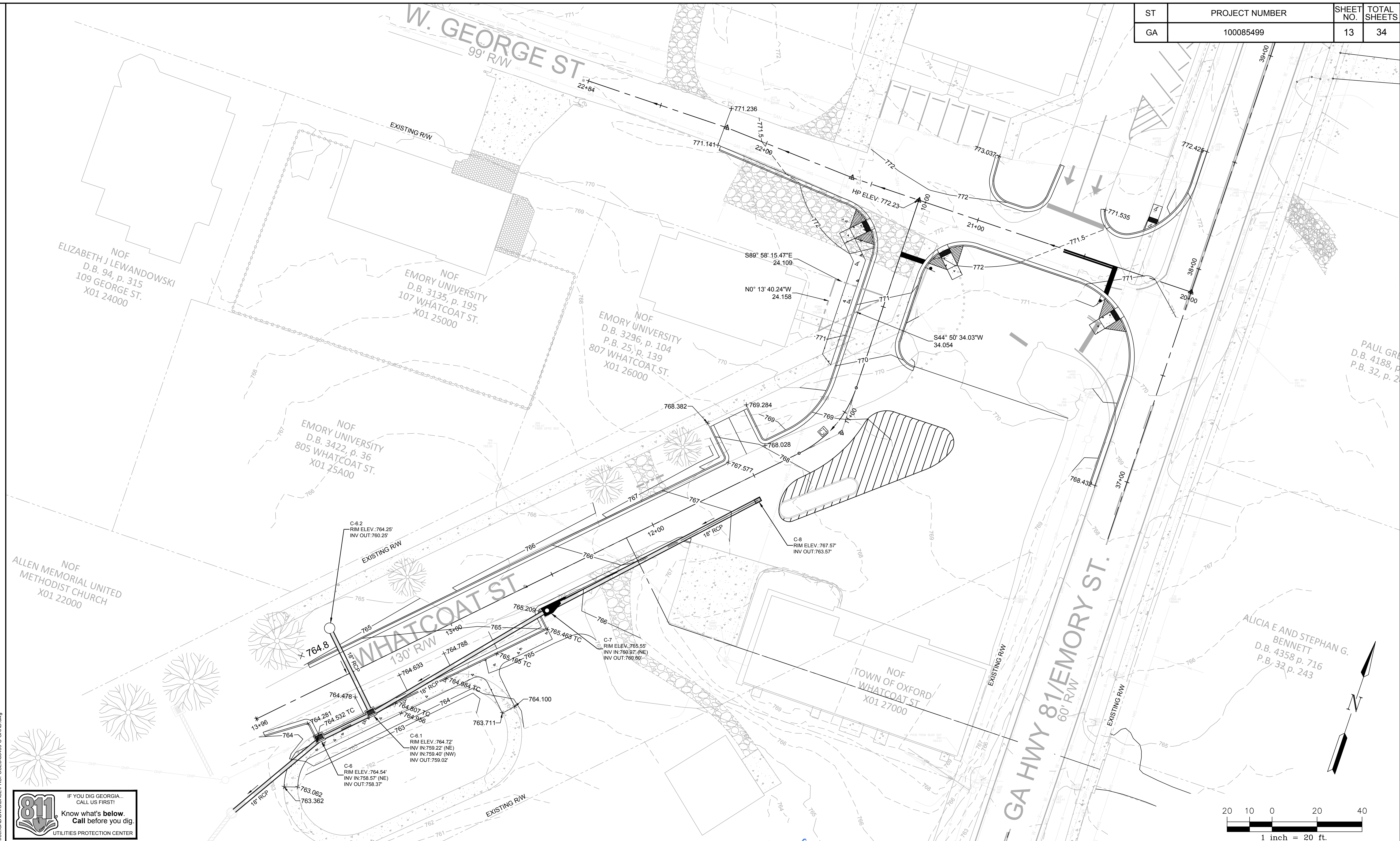
MAINLINE PROFILES

DRAWING NO.

17-01



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	13	34



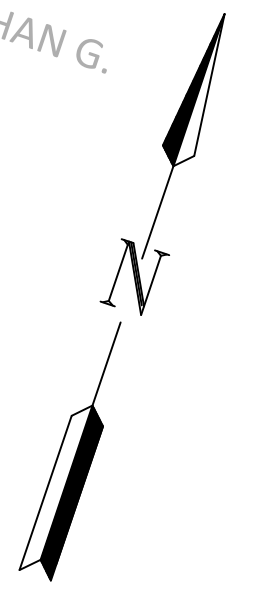
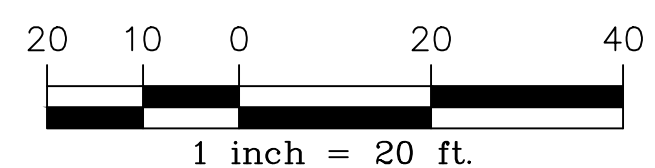
**GRADING PLAN LEGEND**

MINOR CONTOUR	————— 699 —————
MAJOR CONTOUR	————— 700 —————
SPOT ELEVATION	+ 699.000
SPOT ELEVATION AT TOP OF CURB	+ 699.000 TC



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REVISION DATES	REVISION DATES

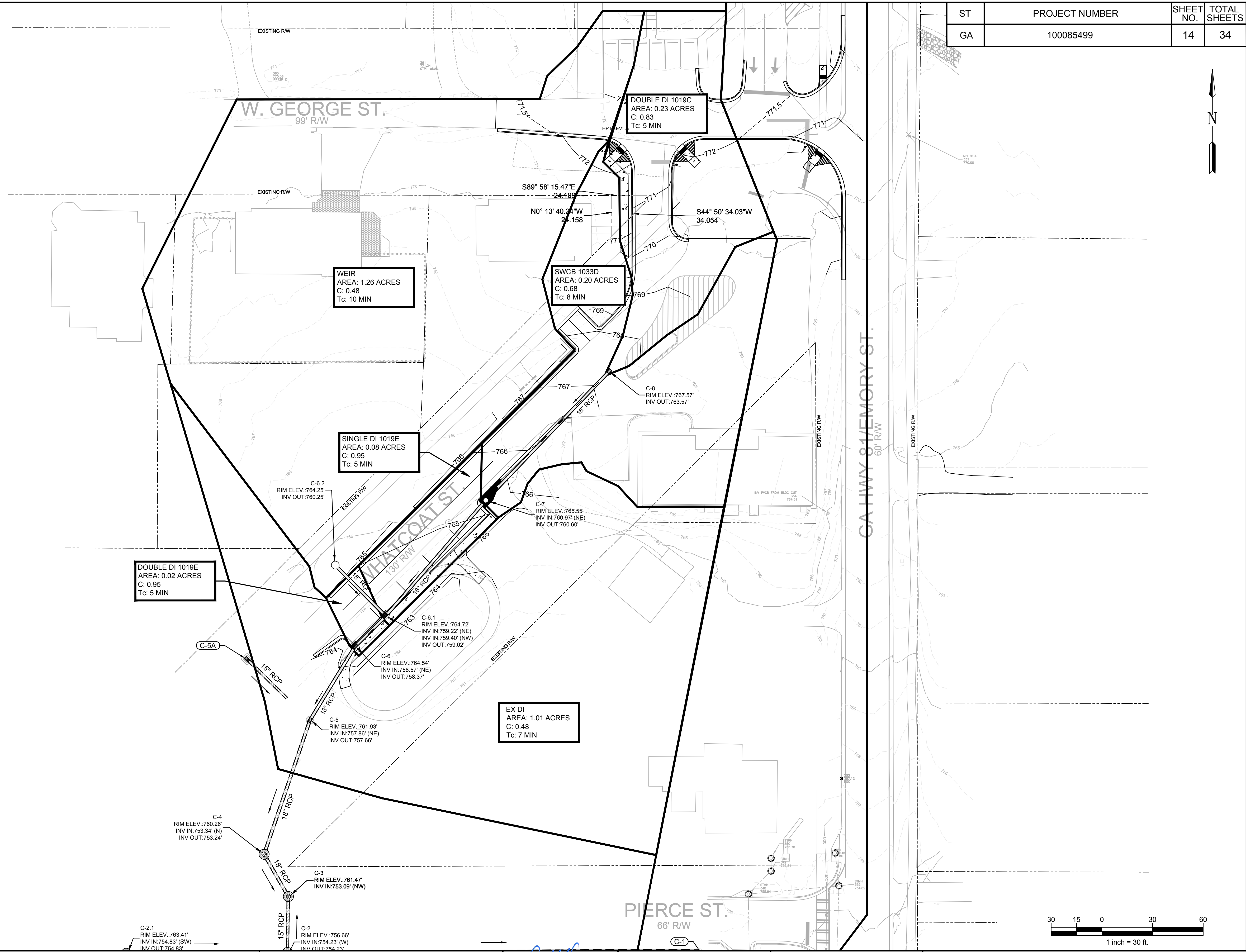


CITY OF OXFORD, GEORGIA	
WHATCOAT STREET	
<b>GRADING AND DRAINAGE PLAN</b>	
DRAWING NO.	
18-01	

Apr 11, 2024 - 6:20pm I:\100085499 City of Oxford GA - Whatcoat Street\CAD\DWG\BASE\PROPOSED\85499-C-GRAD.dwg



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	14	34



**PROPOSED DRAINAGE MAP LEGEND**

EXISTING DRAINAGE	
PROPOSED DRAINAGE	
DRAINAGE DIVIDE	
RUNOFF COEFFICIENT	C
TIME OF CONCENTRATION	Tc



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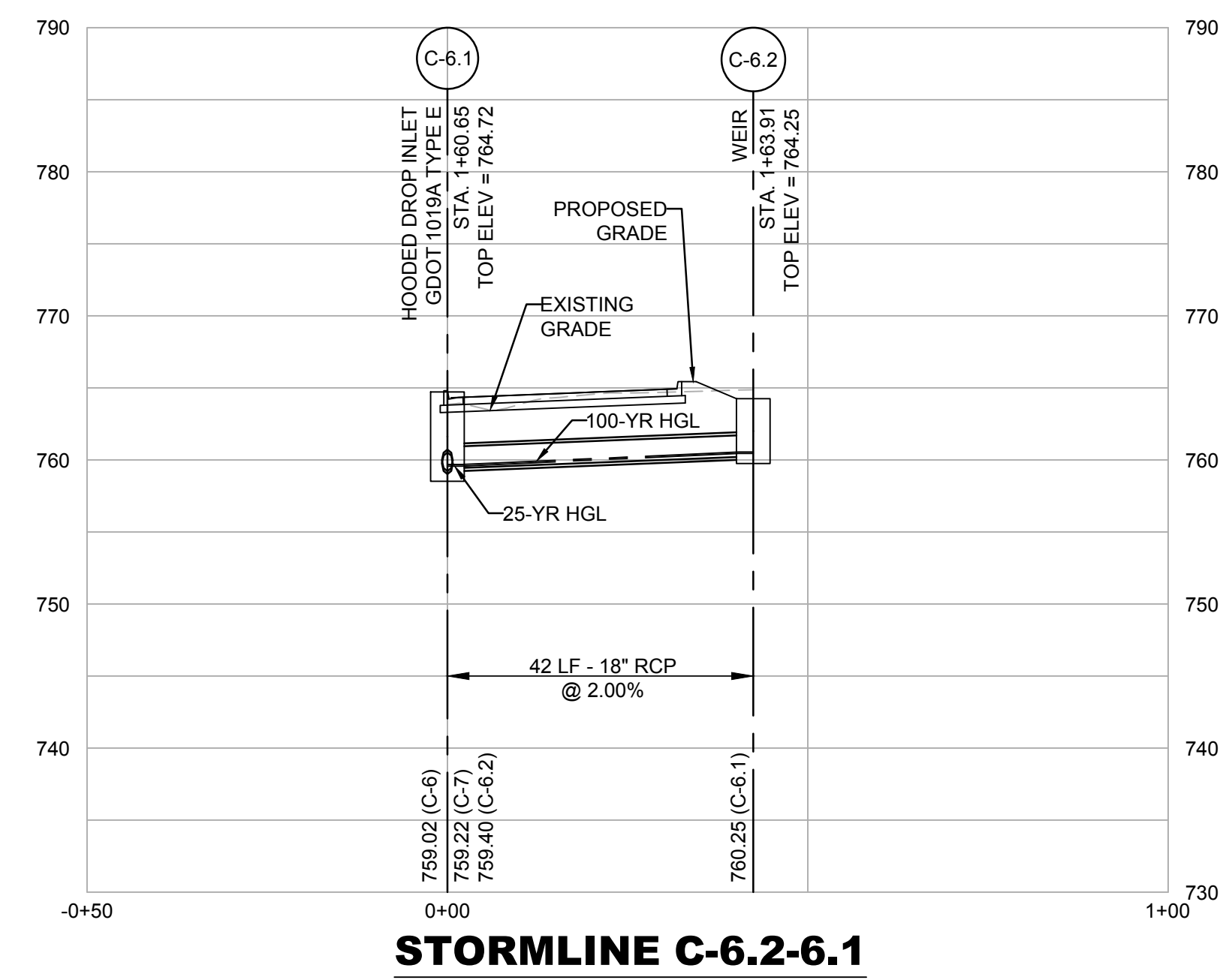
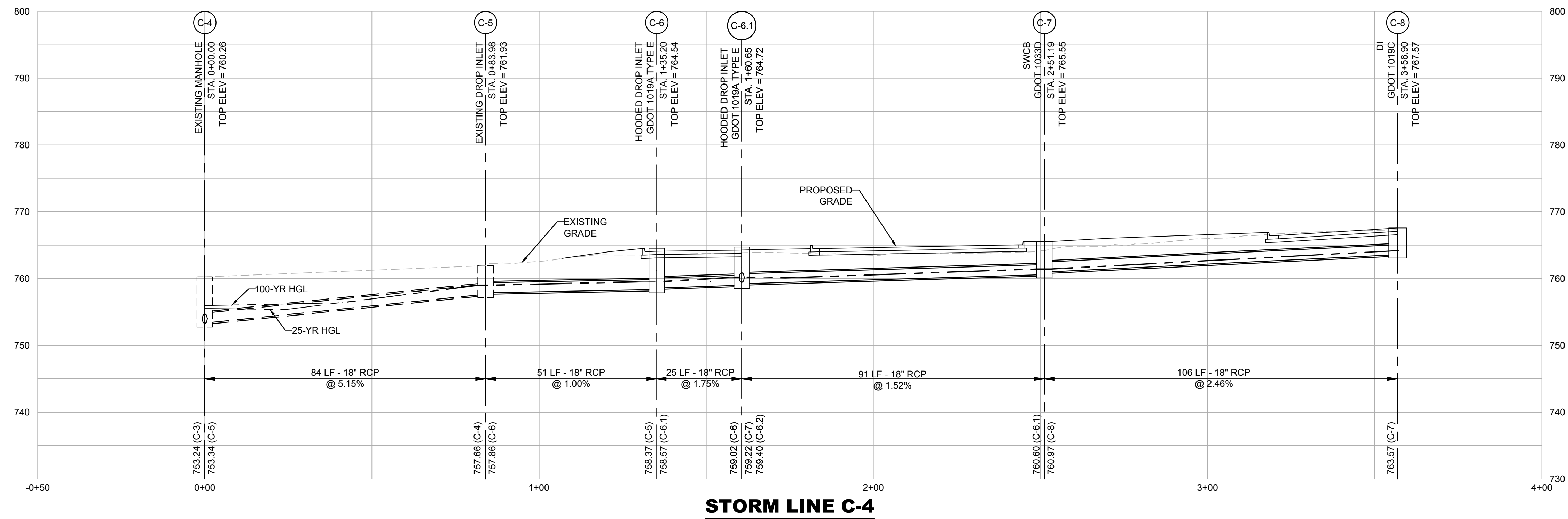
REVISION DATES	REVISION DATES

CITY OF OXFORD, GEORGIA	
WHATCOAT STREET	
<b>PROPOSED DRAINAGE AREA MAP</b>	
DRAWING NO.	
21-01	

Apr 11, 2024 - 6:25pm  
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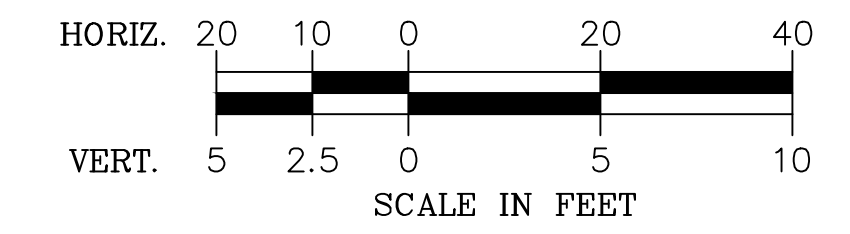


ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	15	34



**STORM DRAINAGE NOTES:**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF OXFORD / GDOT STANDARDS AND SPECIFICATIONS.
2. ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III, UNLESS OTHERWISE NOTED.
3. ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPES WITH RUBBER GASKET CONFORMING TO ASTM C-433. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D, GEORGIA DOT SPECIFICATIONS, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
4. CONTRACTOR SHALL ADJUST ALL STRUCTURE TOPS TO BE FLUSH WITH PROPOSED GRADE AND PAVEMENT ELEVATIONS, AS REQUIRED.
5. UTILITY CROSSINGS ARE SHOWN IN AN APPROXIMATE WAY. THE CONTRACTOR SHALL FIELD LOCATE AND VERIFY UTILITY LOCATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

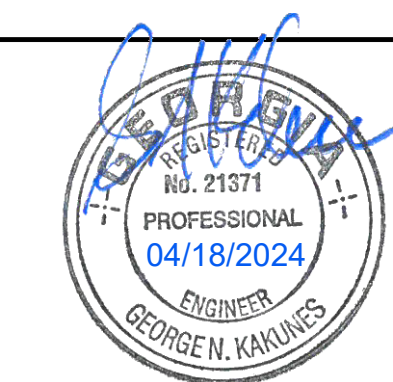


Apr 11, 2024 - 8:27pm  
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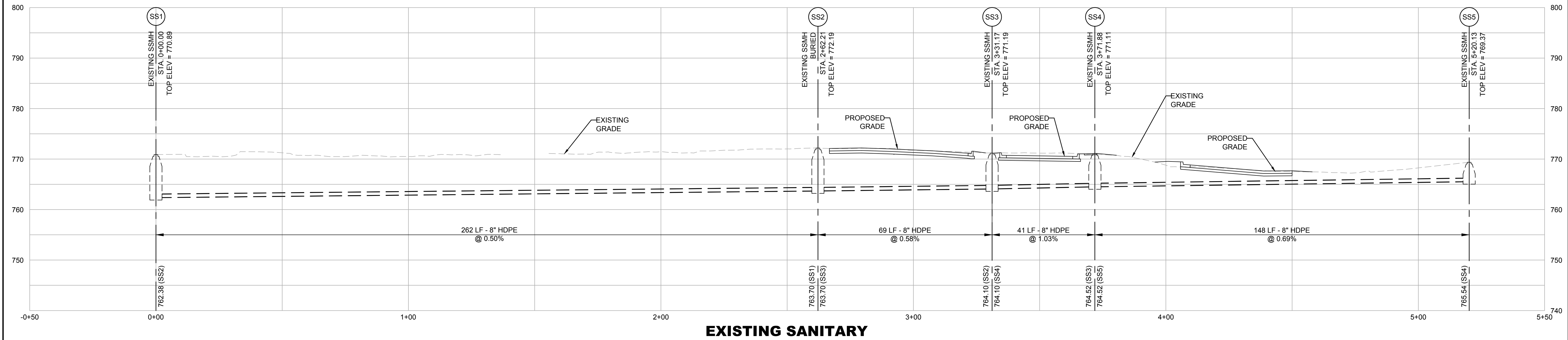


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REVISION DATES	REVISION DATES

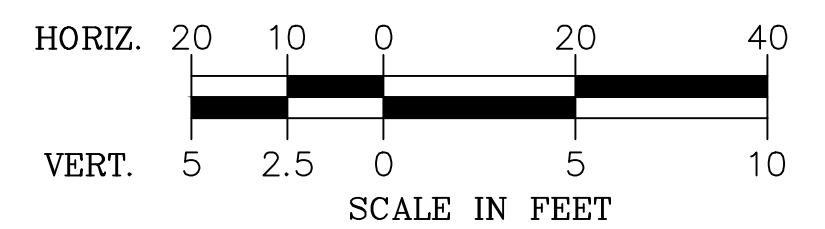
CITY OF OXFORD, GEORGIA	
WHATCOAT STREET	
<b>STORM DRAINAGE PROFILES</b>	
DRAWING NO.	
22-01	

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	16	34



**SANITARY SEWER DRAINAGE NOTES:**

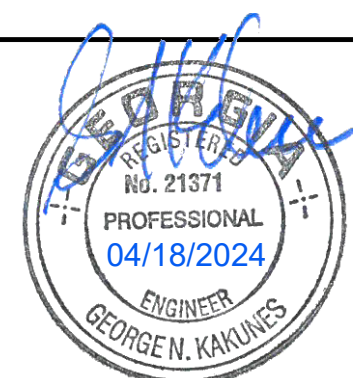
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF OXFORD / NEWTON COUNTY STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL ADJUST ALL STRUCTURE TOPS TO BE FLUSH WITH PROPOSED GRADE AND PAVEMENT ELEVATIONS, AS REQUIRED.
- UTILITY CROSSINGS ARE SHOWN IN AN APPROXIMATE WAY. THE CONTRACTOR SHALL FIELD LOCATE AND VERIFY UTILITY LOCATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



Apr 11, 2024 - 6:28pm  
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REVISION DATES

CITY OF OXFORD, GEORGIA

WHATCOAT STREET  
**EXISTING SANITARY SEWER  
 PROFILES**

DRAWING NO.

22-10







ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	18	34

**SIGNING AND STRIPING PLAN**

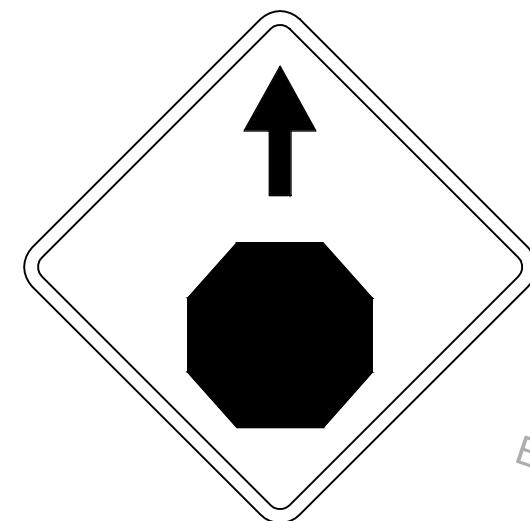
**KEY NOTES**

- 1 24" STOP BAR, SOLID WHITE
- 2 5" SOLID YELLOW
- 3 5" SOLID WHITE
- 4 5" YELLOW AT 3' O.C.
- 5 CERAMIC CHANNEL MARKER (GDOT TYPE 9)
- 6 R1-1 (36) STOP SIGN
- 7 PEDESTRIAN CROSSWALK (GDOT T11A)
- 8 R2-1 SPEED LIMIT SIGN 18"x24", DESIGN SPEED: 25 MPH
- 9 W3-1 STOP SIGN AHEAD SIGN, 18"x18"
- 10 D3-1 STREET NAME SIGN, Vx12"

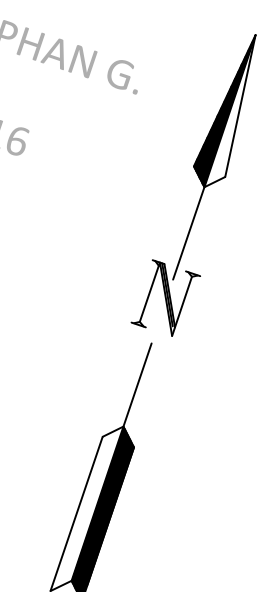
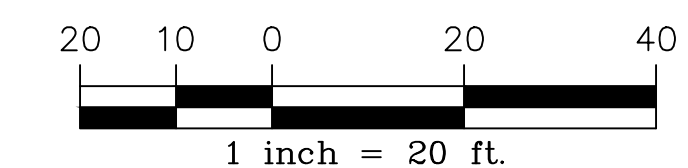
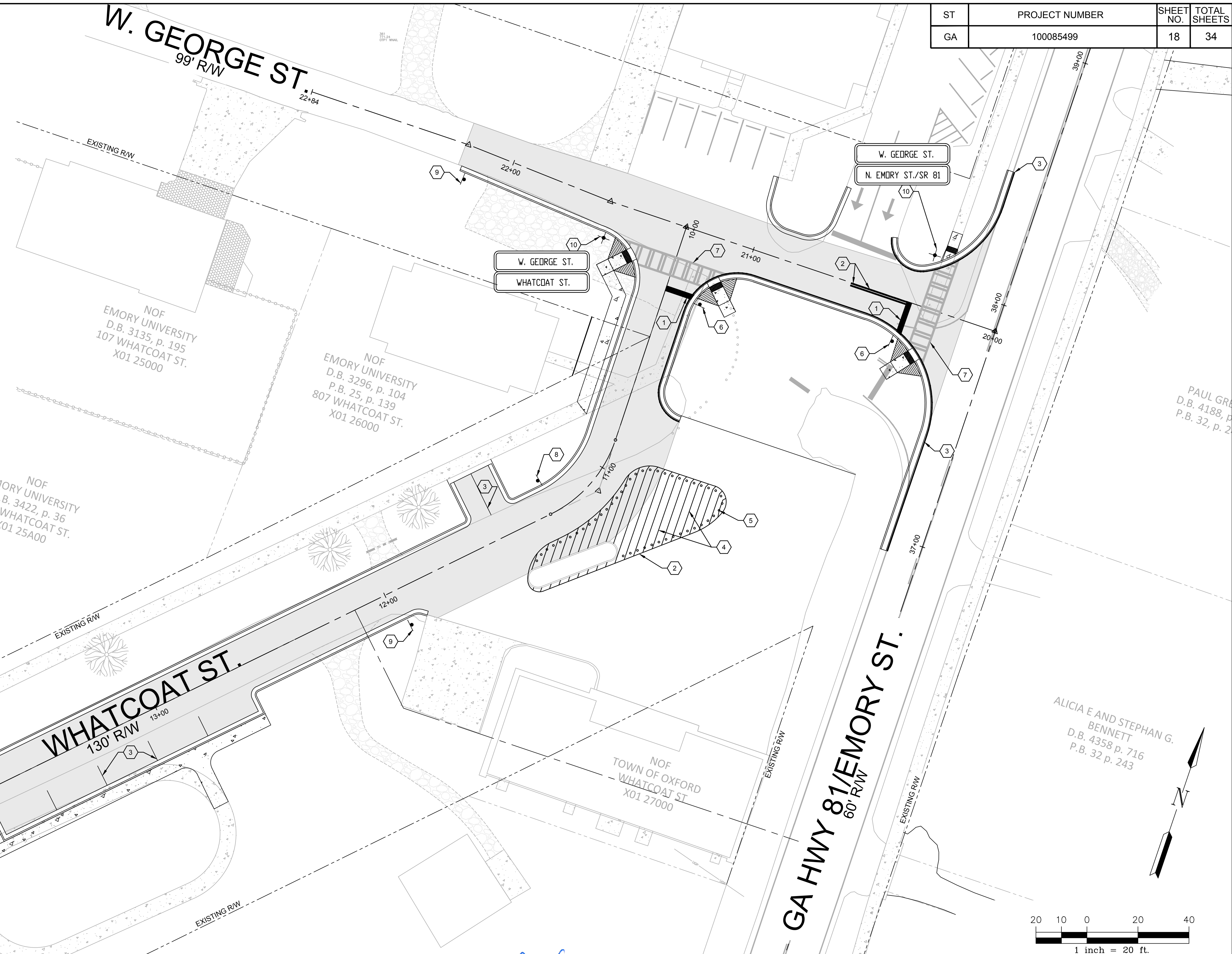
WHATCOAT ST.  
D3-1

N. EMORY ST./SR 81  
D3-1

W. GEORGE ST.  
D3-1



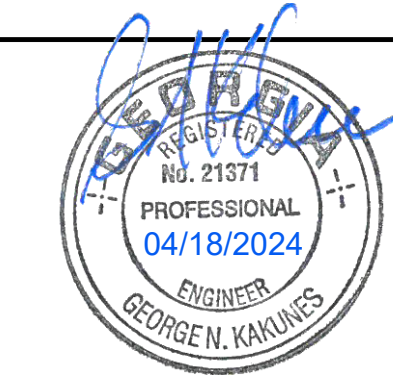
W3-1



Apr 11, 2024 - 6:35pm I:\100085499 City of Oxford GA - Whatcoat Street\CAD\DWG\BASE\PROPOSED\85499-C-SIGN.dwg



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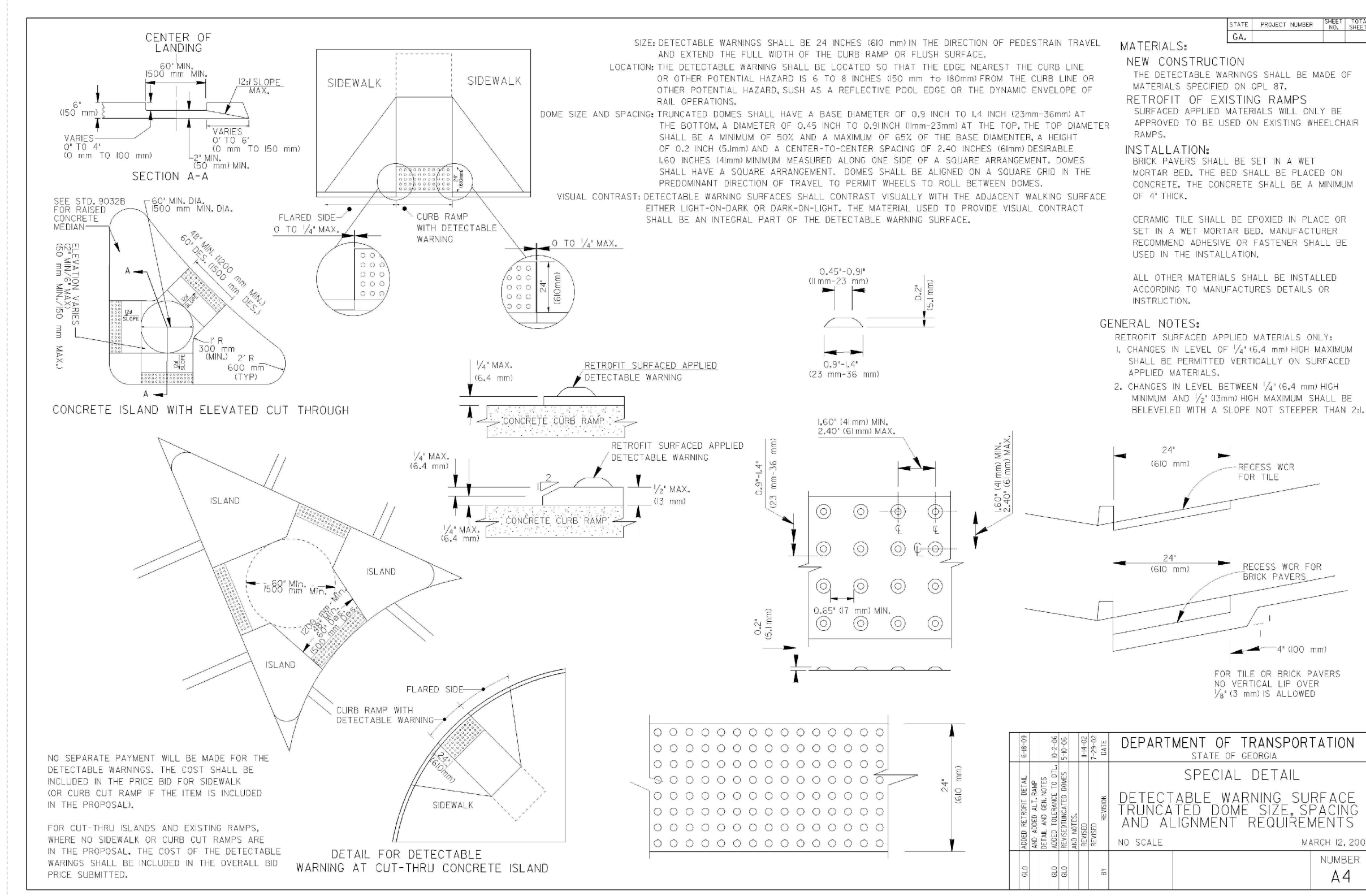
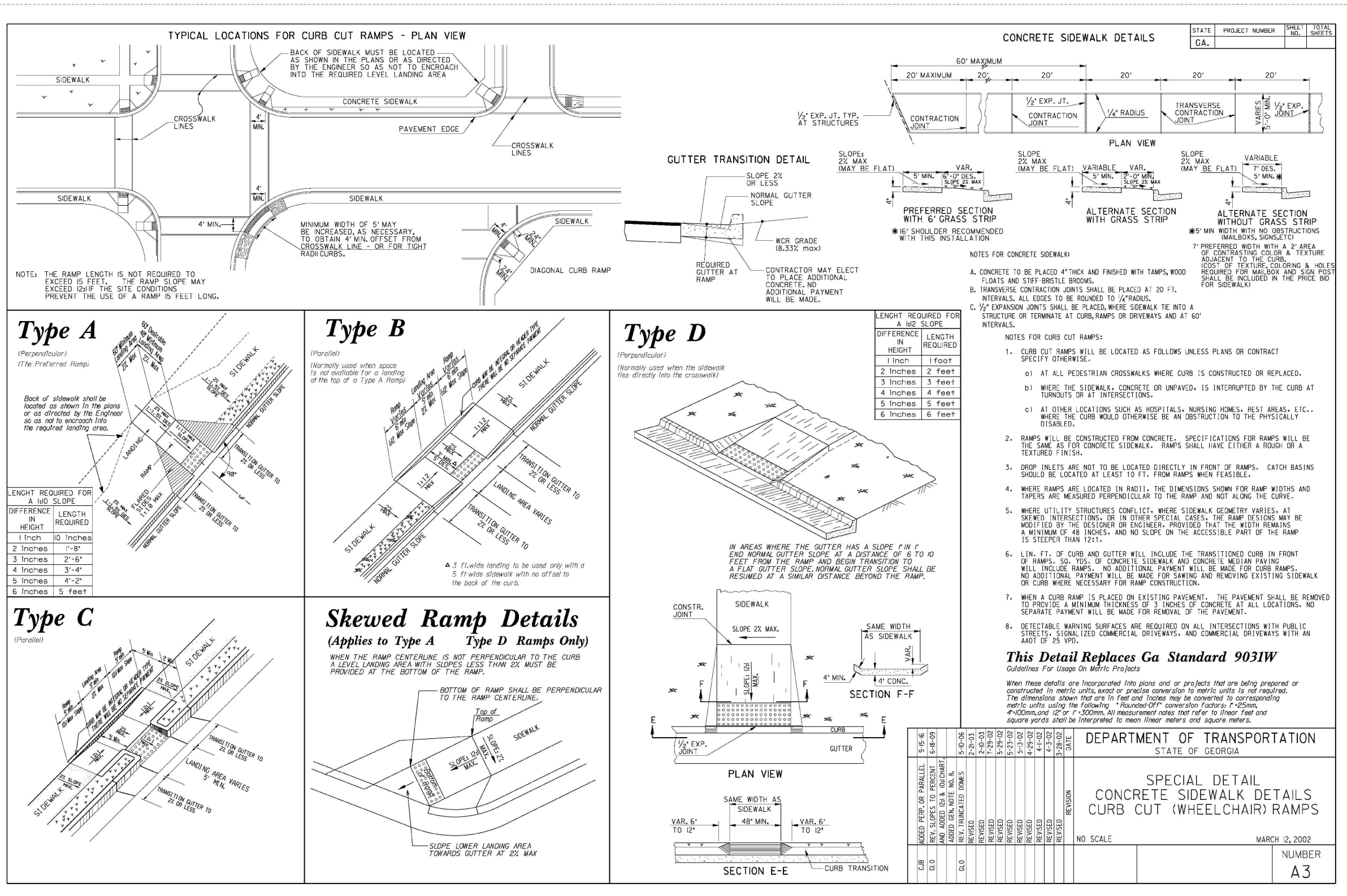
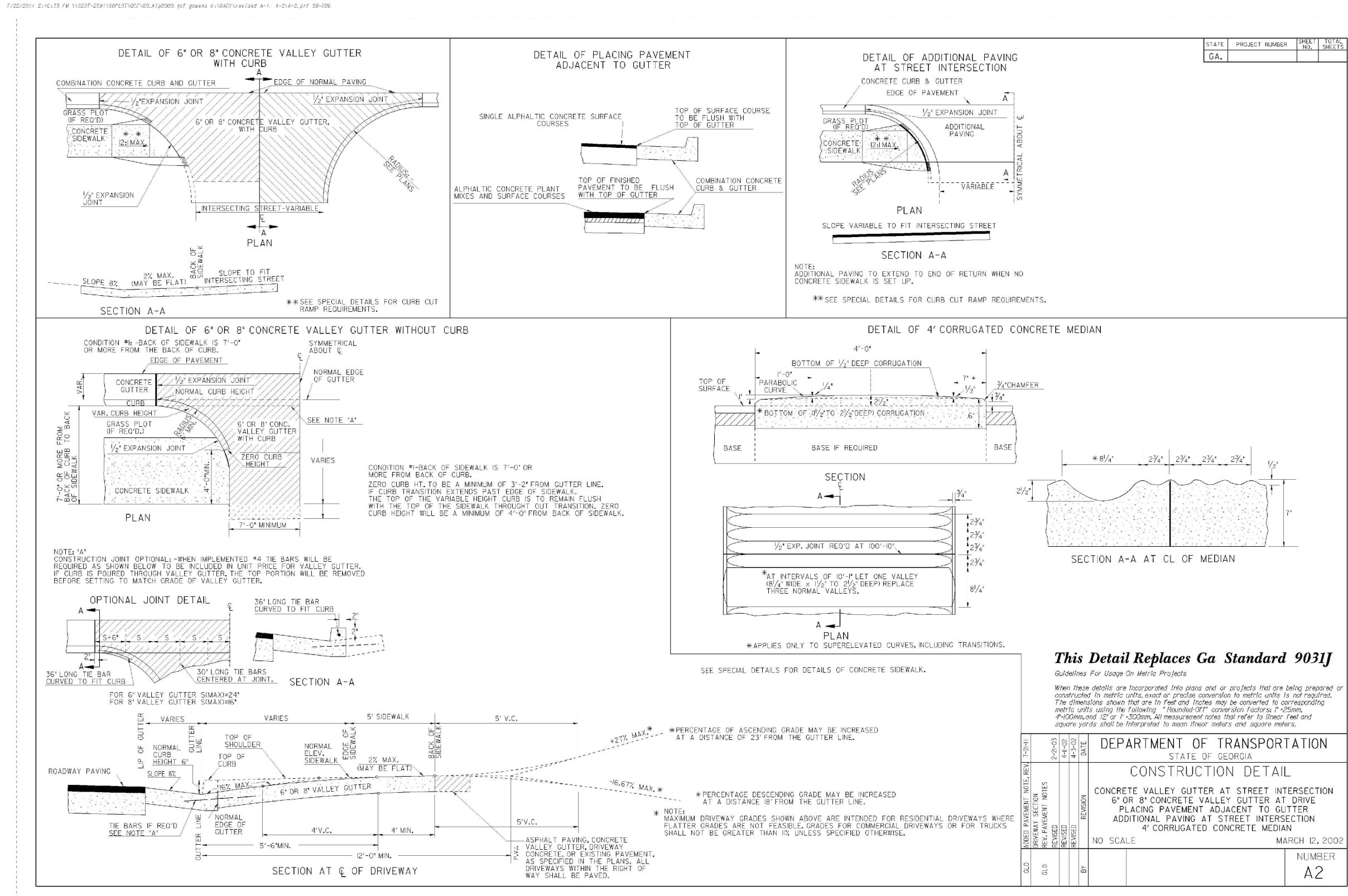
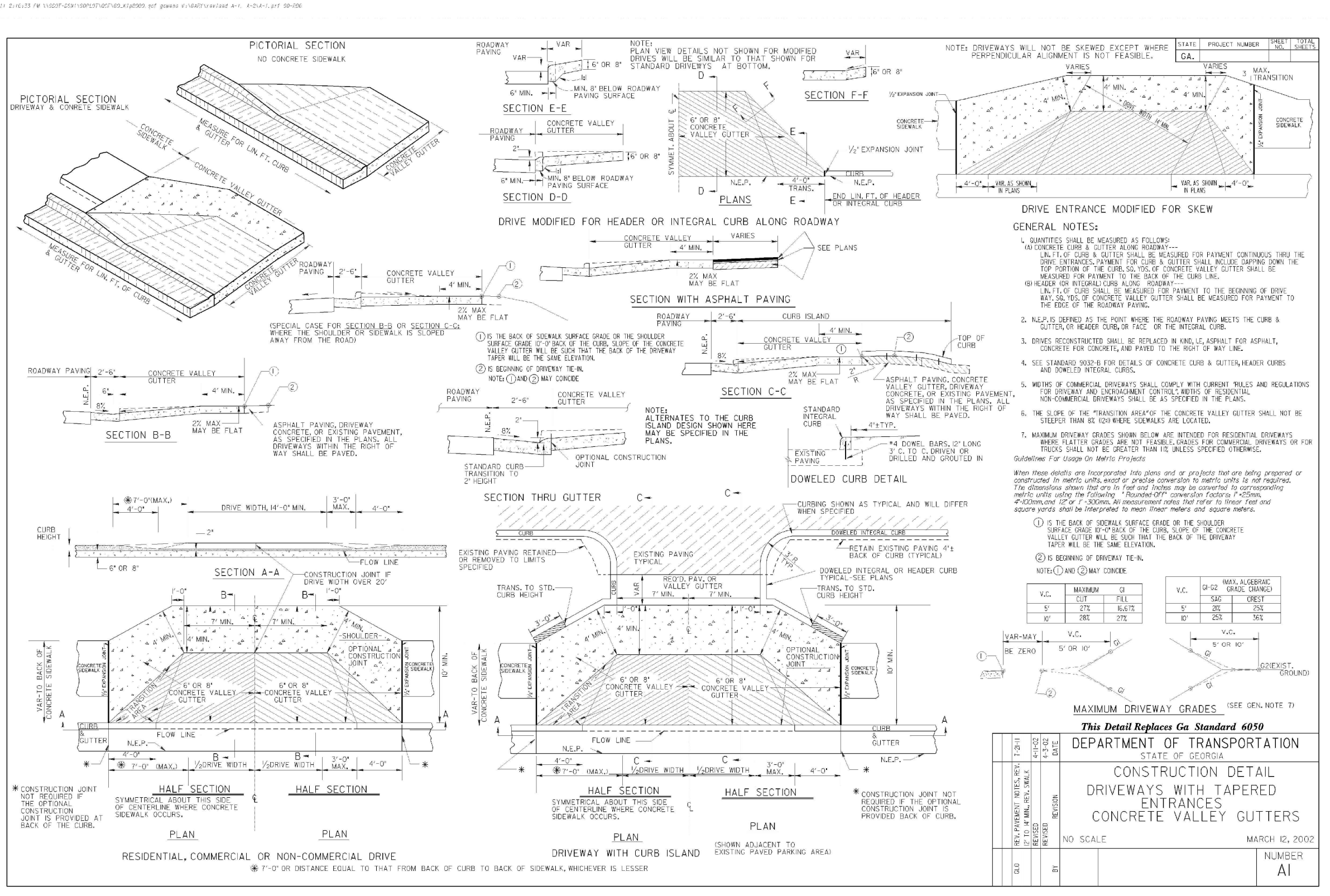
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REVISION DATES	REVISION DATES

CITY OF OXFORD, GEORGIA	
WHATCOAT STREET	
<b>SIGNING AND MARKING PLAN</b>	
DRAWING NO.	
26-01	



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	19	34



Apr 11, 2024 - 6:39pm  
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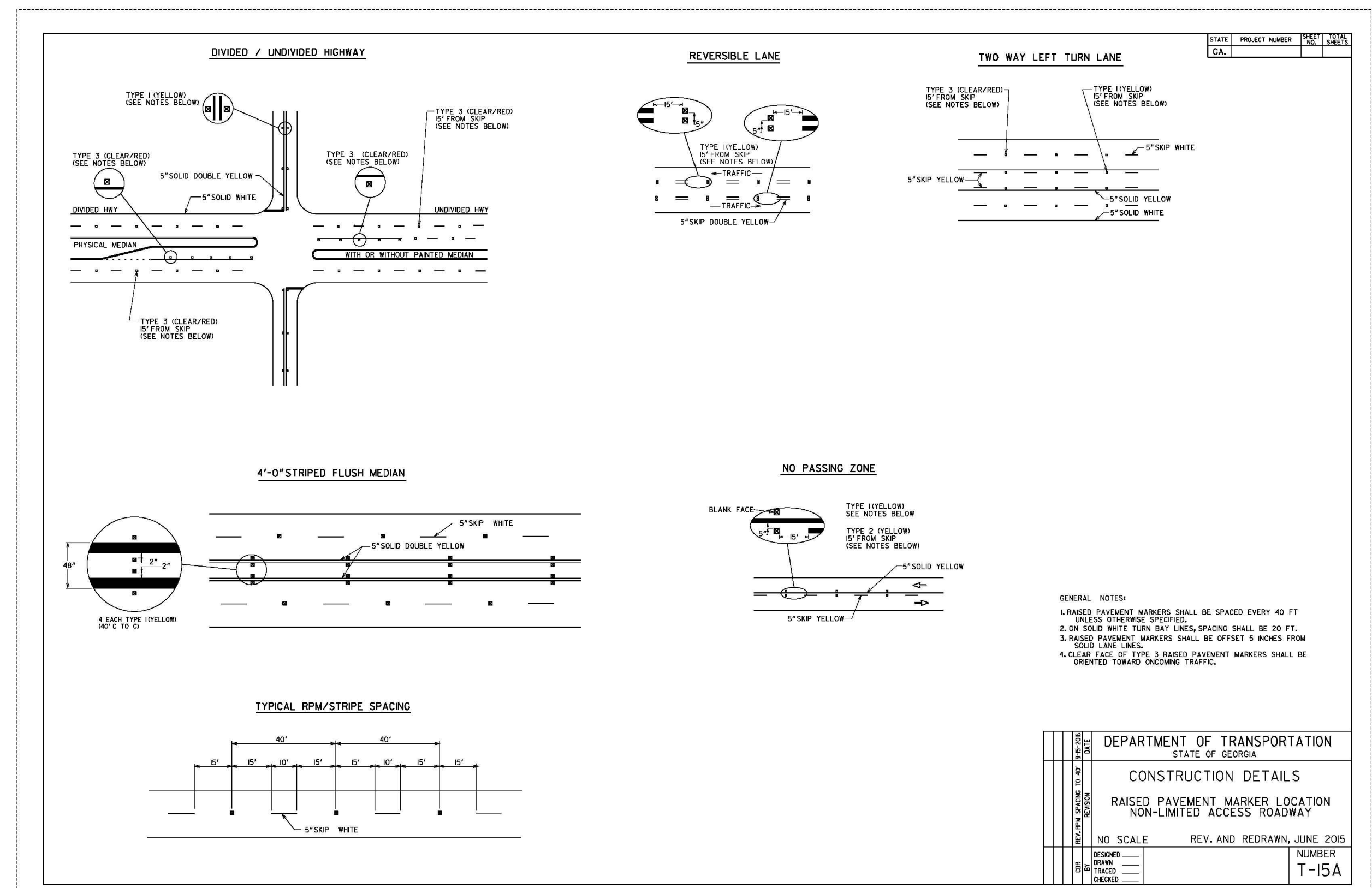
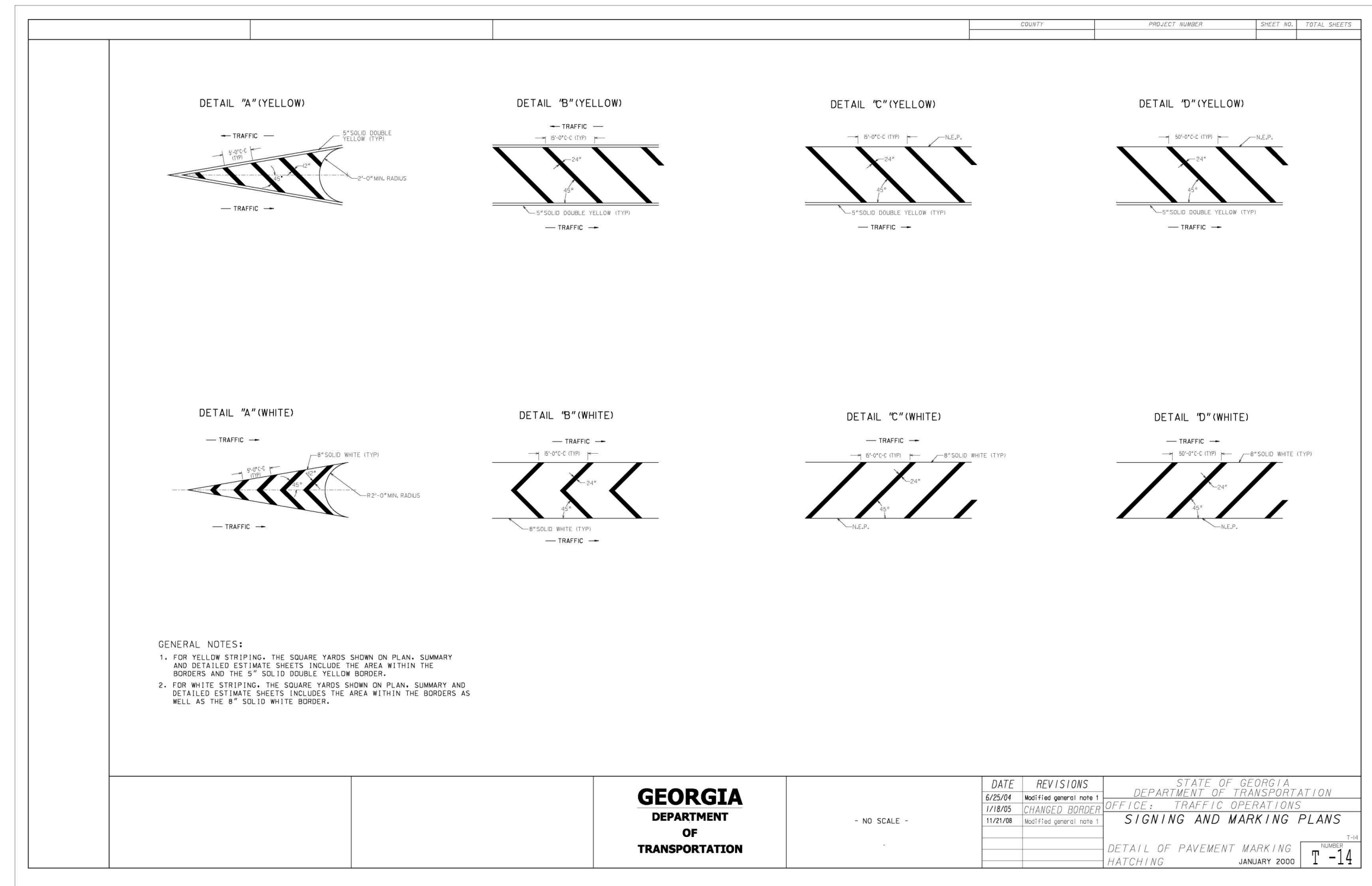
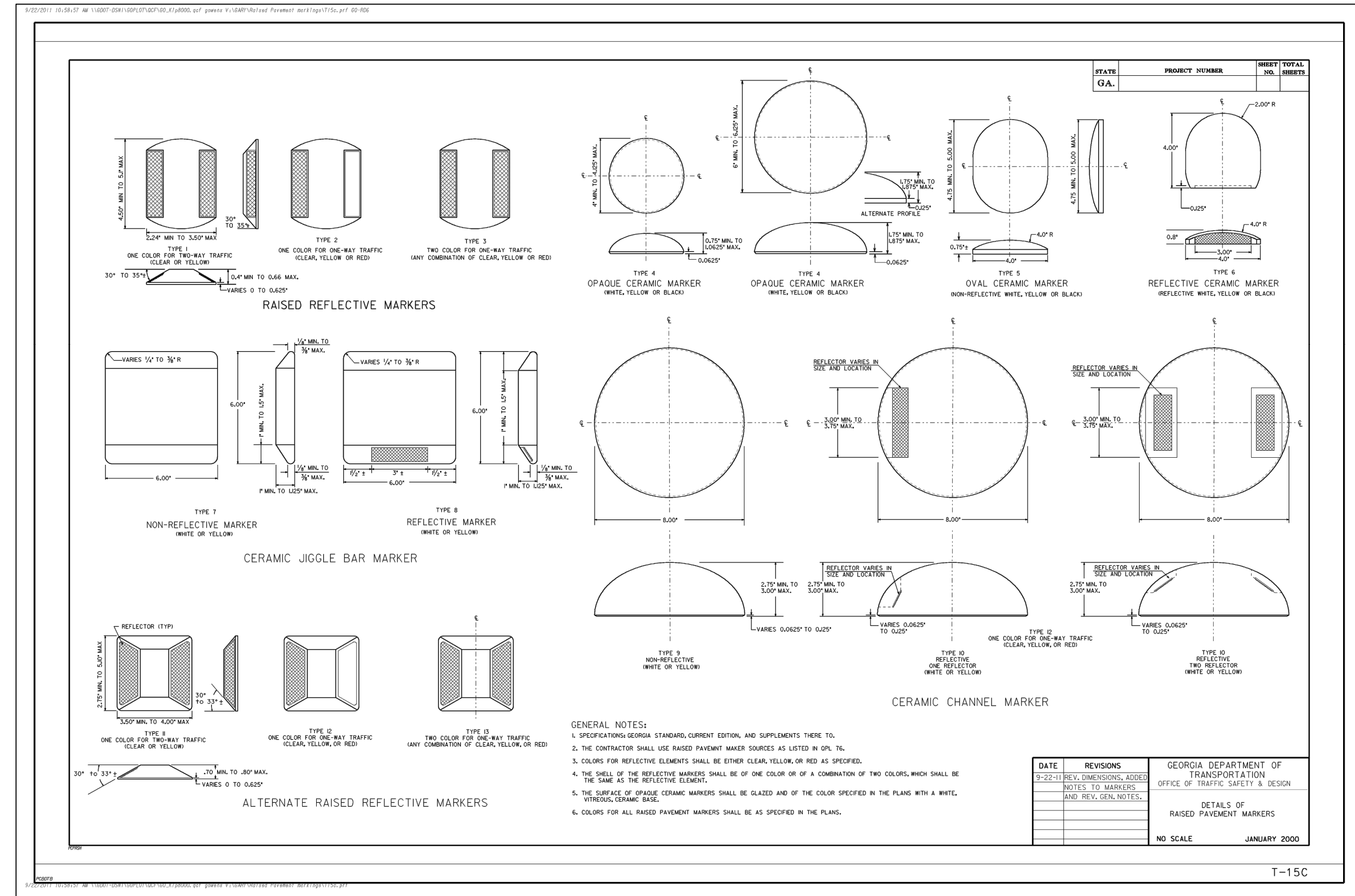
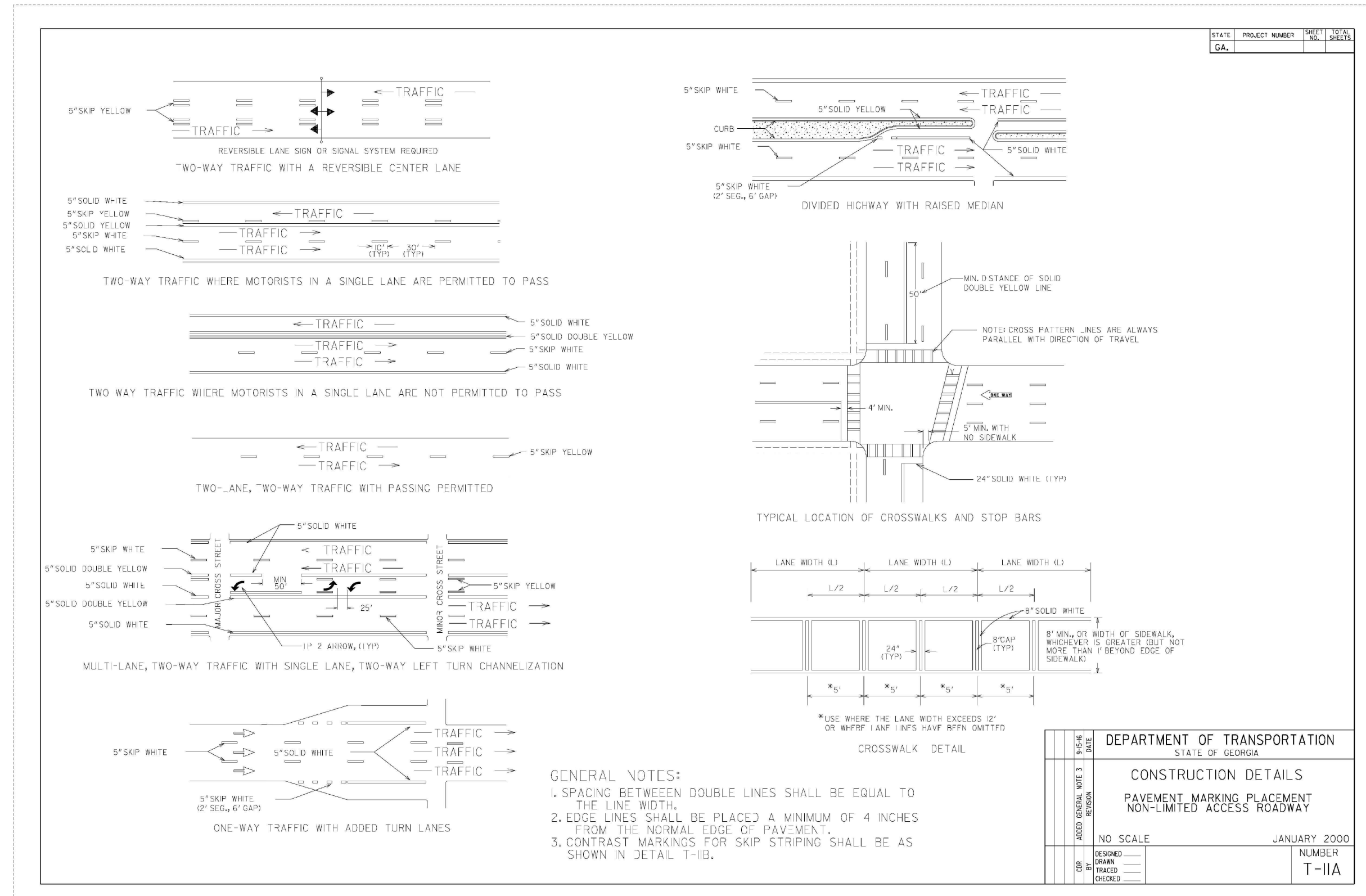
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REVISION DATES	REVISION DATES	CITY OF OXFORD, GEORGIA WHATCOAT STREET
		<b>GDOT CONSTRUCTION DETAILS</b>
		DRAWING NO.
		40-01





Apr 11, 2024 - 8:40pm  
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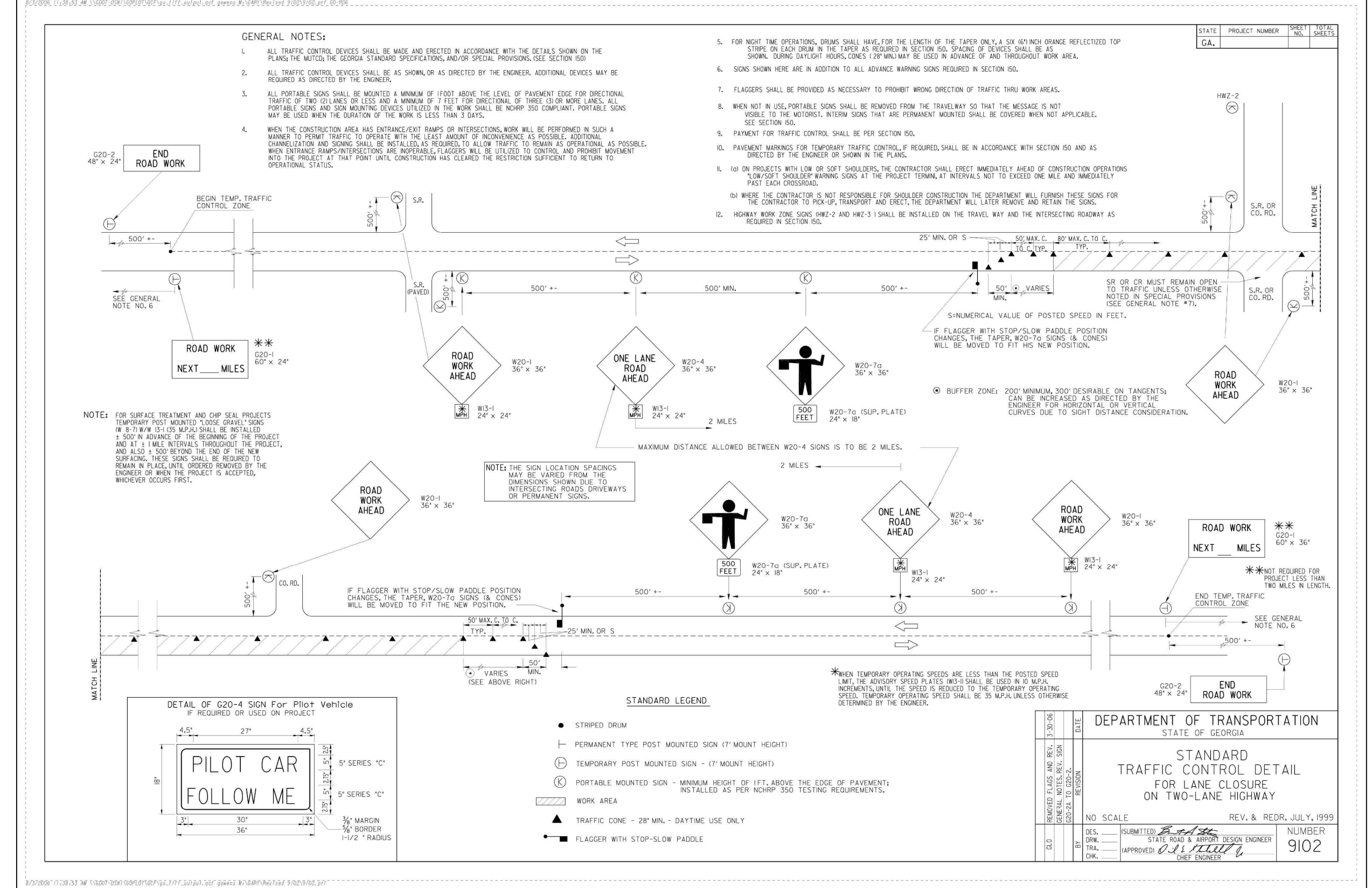
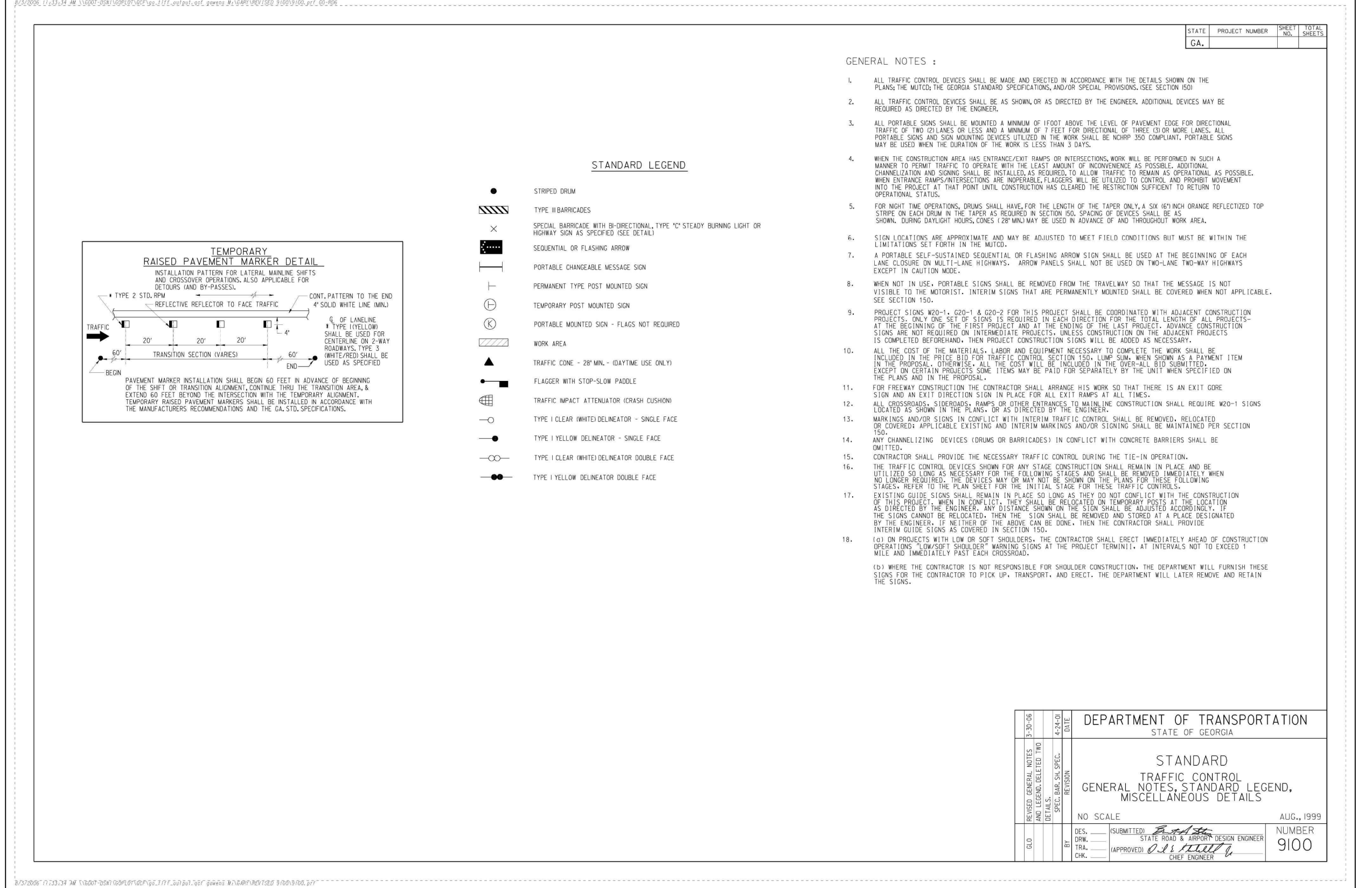
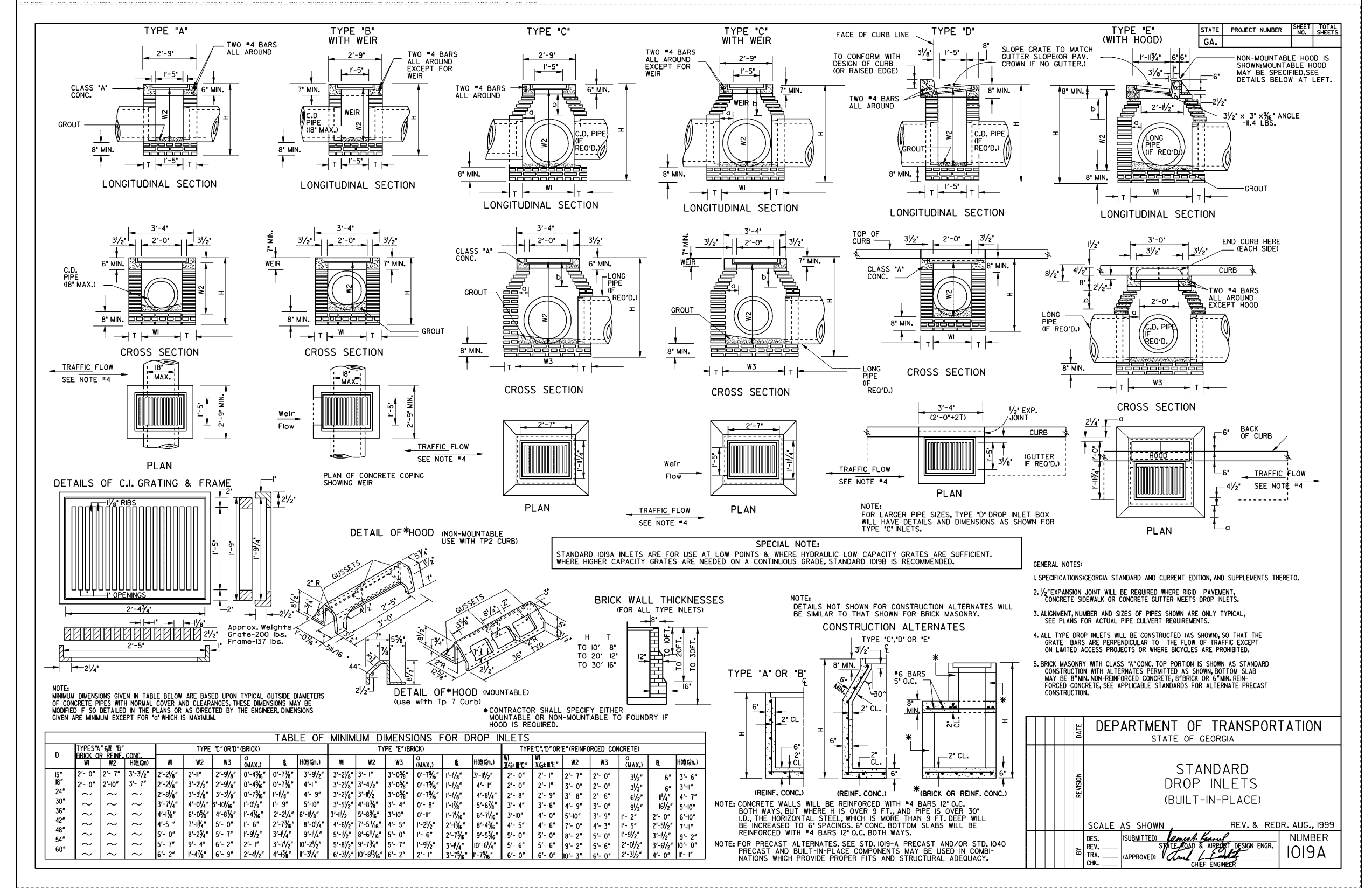
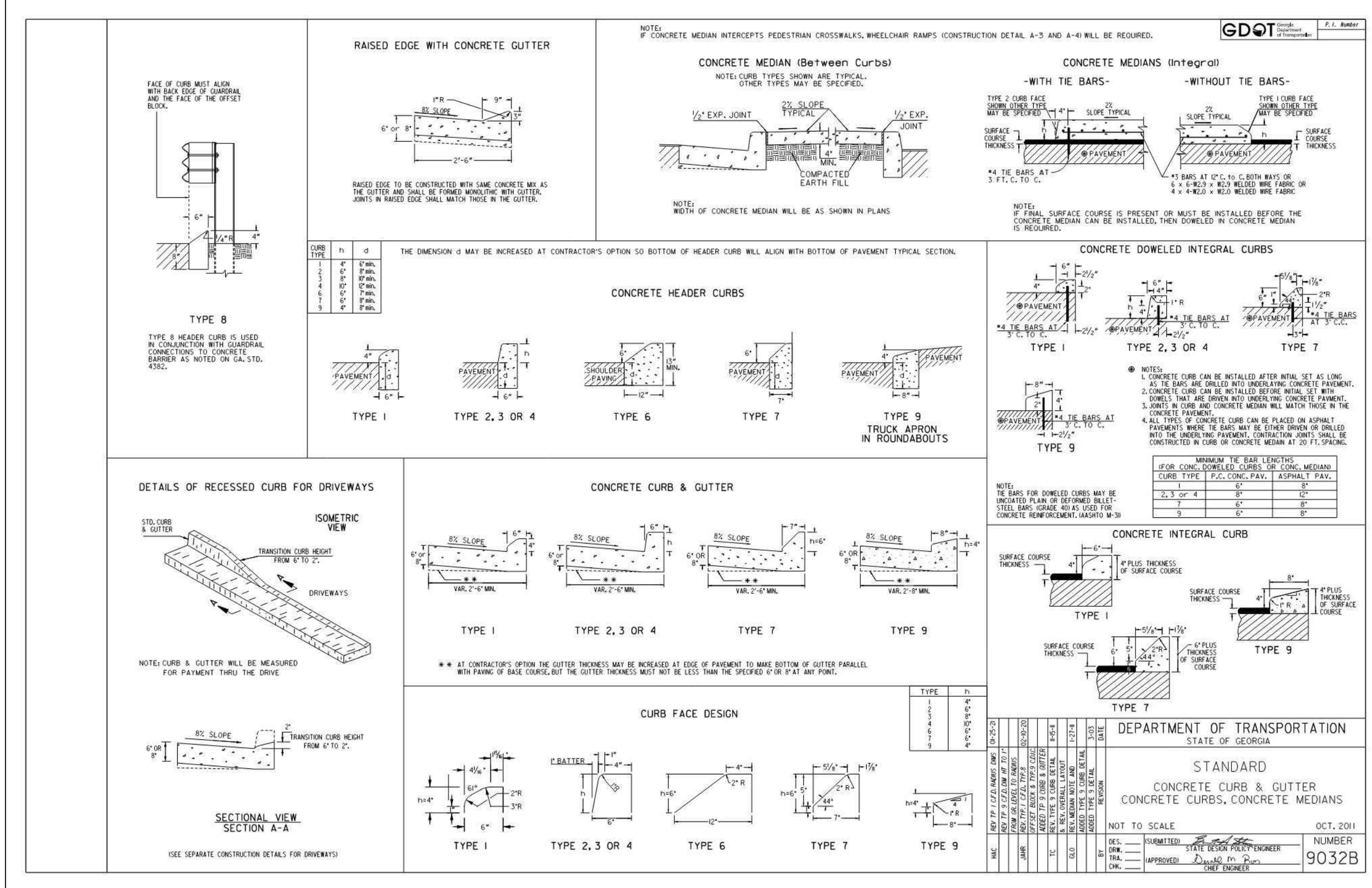
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REVISION DATES	REVISION DATES	CITY OF OXFORD, GEORGIA WHATCOAT STREET
		<b>GDOT CONSTRUCTION DETAILS</b>
		DRAWING NO. 40-02









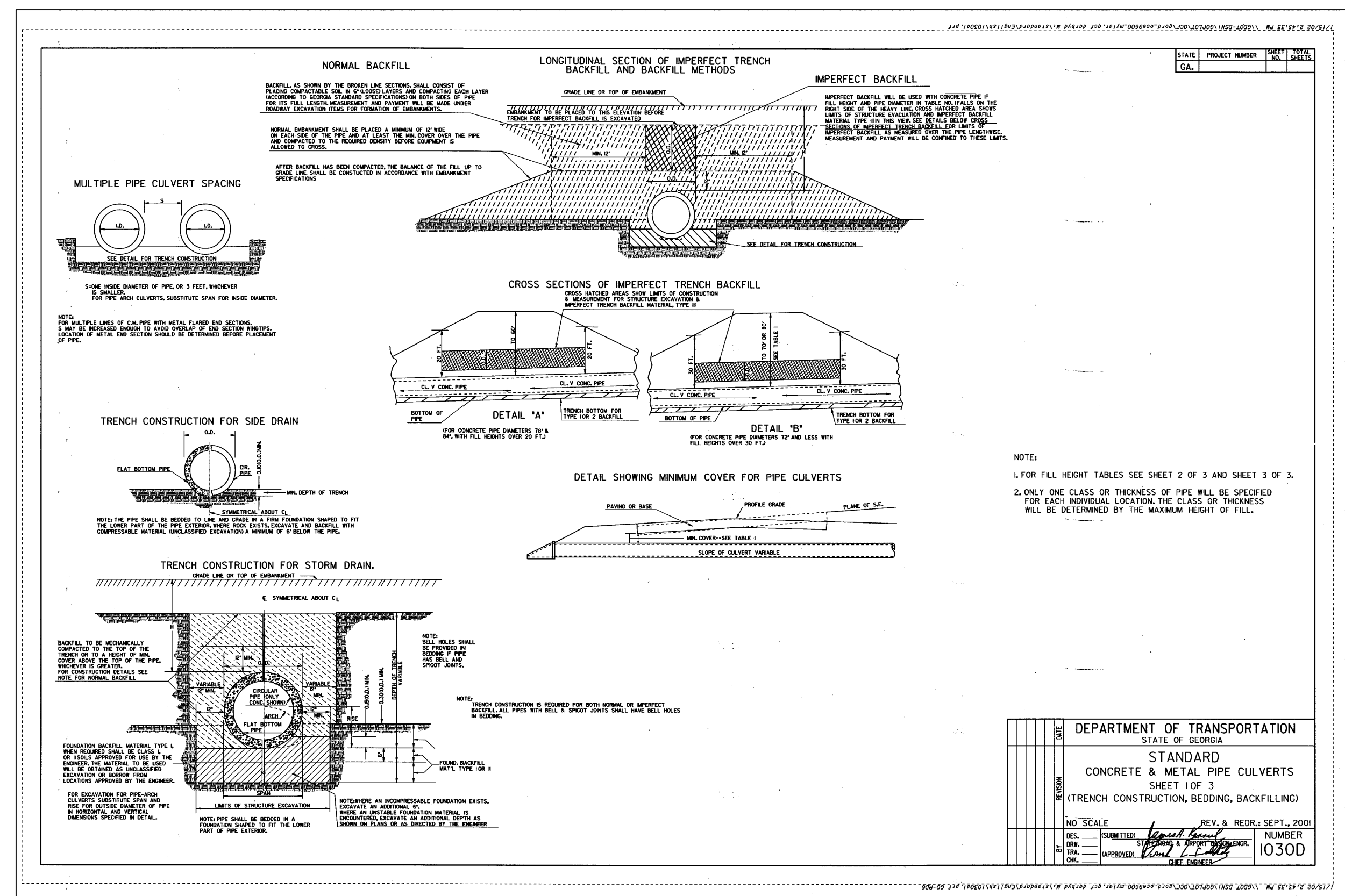
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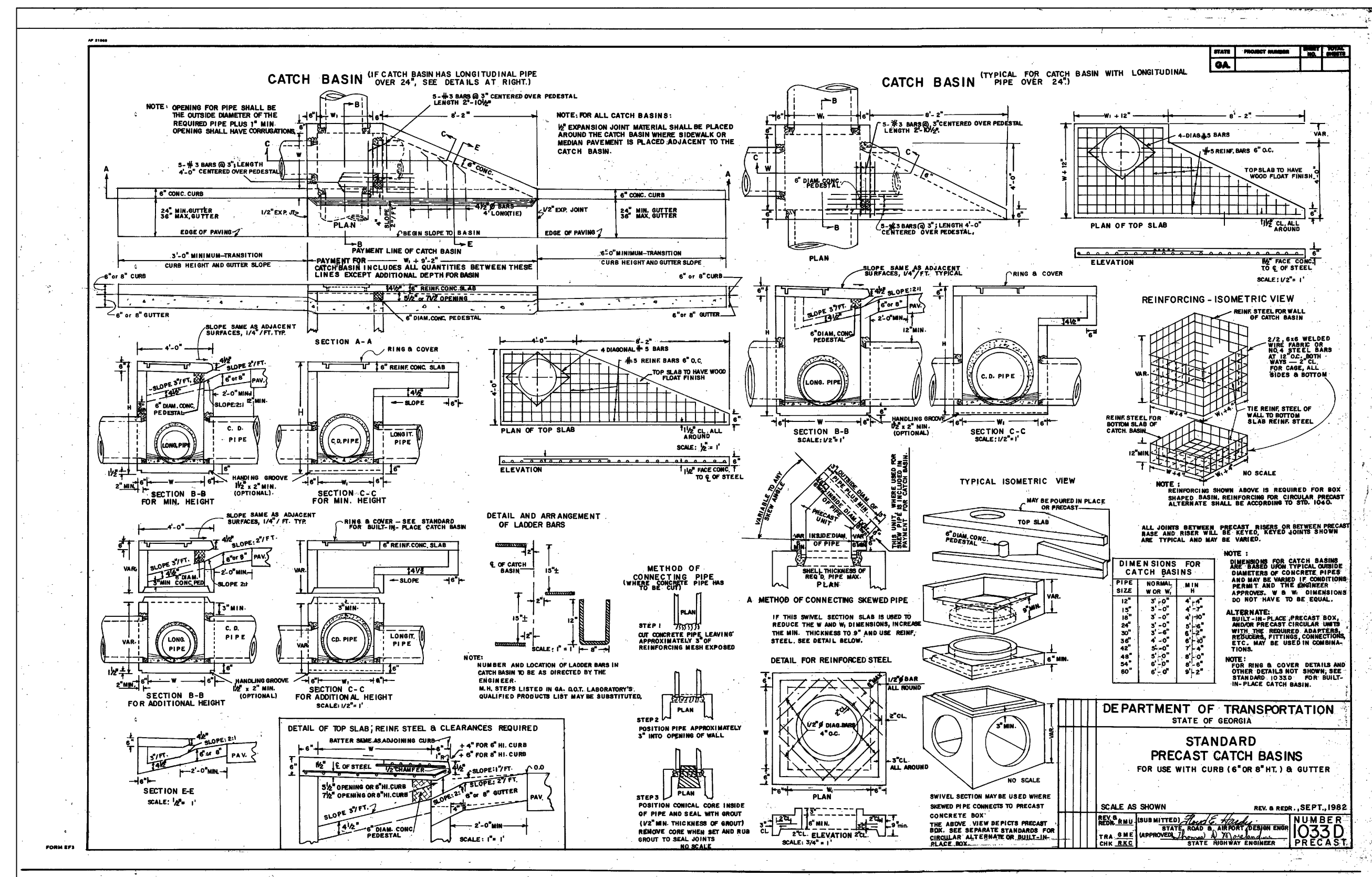
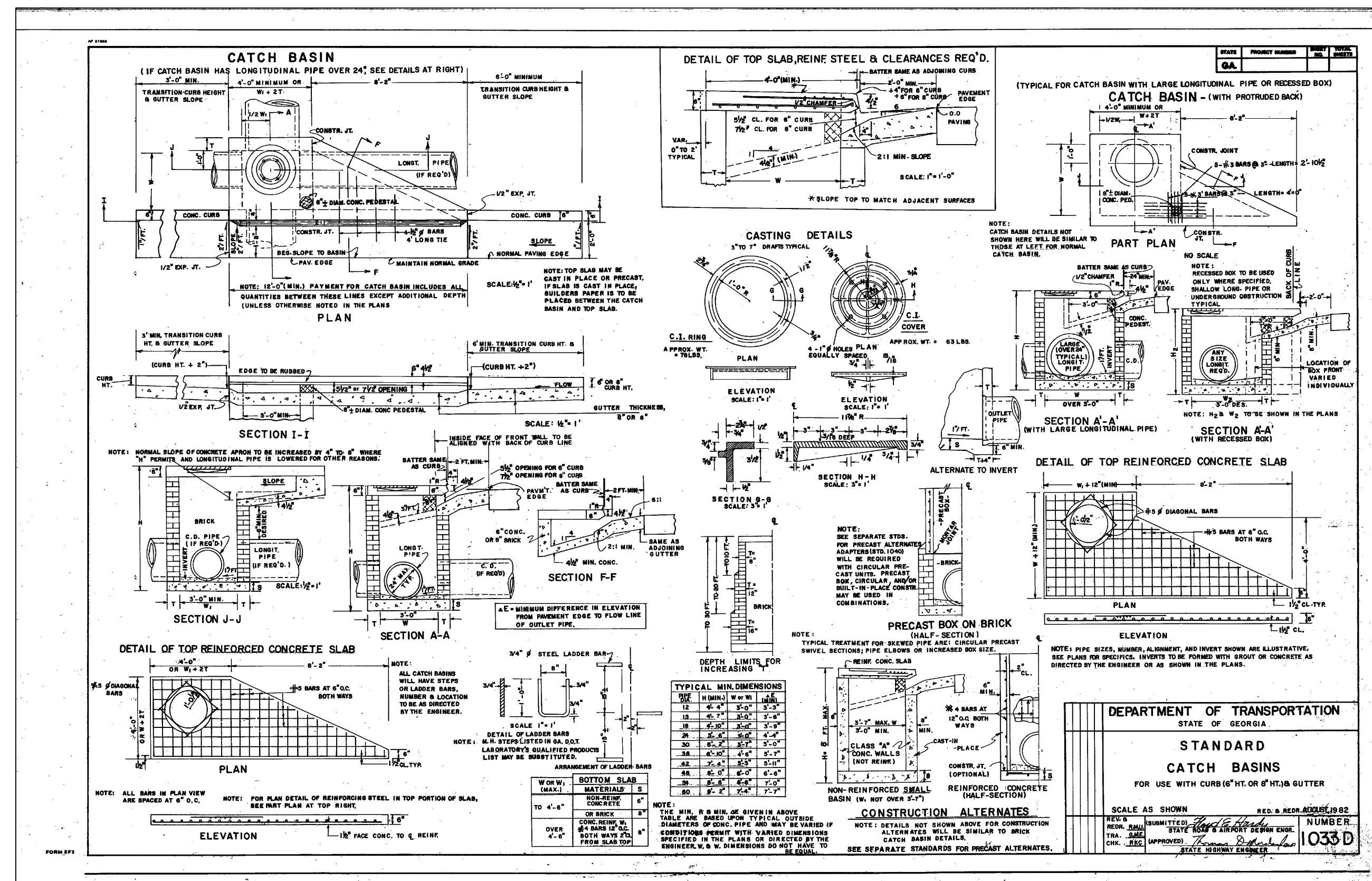
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REVISION DATES	REVISION DATES	CITY OF OXFORD, GEORGIA
		WHATCOAT STREET
		GDOT CONSTRUCTION STANDARDS
		DRAWING NO.
		41-01





PIPE DIAMETER (INCHES)	PIPE TYPE	MINIMUM COVER (INCHES)	HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE	PIPE DIAMETER (INCHES)
12	CONCRETE	18	1-10	12
15	CONCRETE	24	10-20	15
18	CONCRETE	30	20-25	18
24	CONCRETE	36	25-30	24
30	CONCRETE	42	30-35	30
36	CONCRETE	48	35-40	36
42	CONCRETE	54	40-50	42
48	CONCRETE	60	50-60	48
54	CONCRETE	66	60-70	54
60	CONCRETE	72	70-80	60
66	CONCRETE	78	80-90	66
72	CONCRETE	84	90-100	72
78	CONCRETE	90	100-110	78
84	CONCRETE	96	110-120	84
90	CONCRETE	102	120-130	90
96	CONCRETE	108	130-140	96
102	CONCRETE	114	140-150	102
108	CONCRETE	120	150-160	108
114	CONCRETE	126	160-170	114
120	CONCRETE	132	170-180	120



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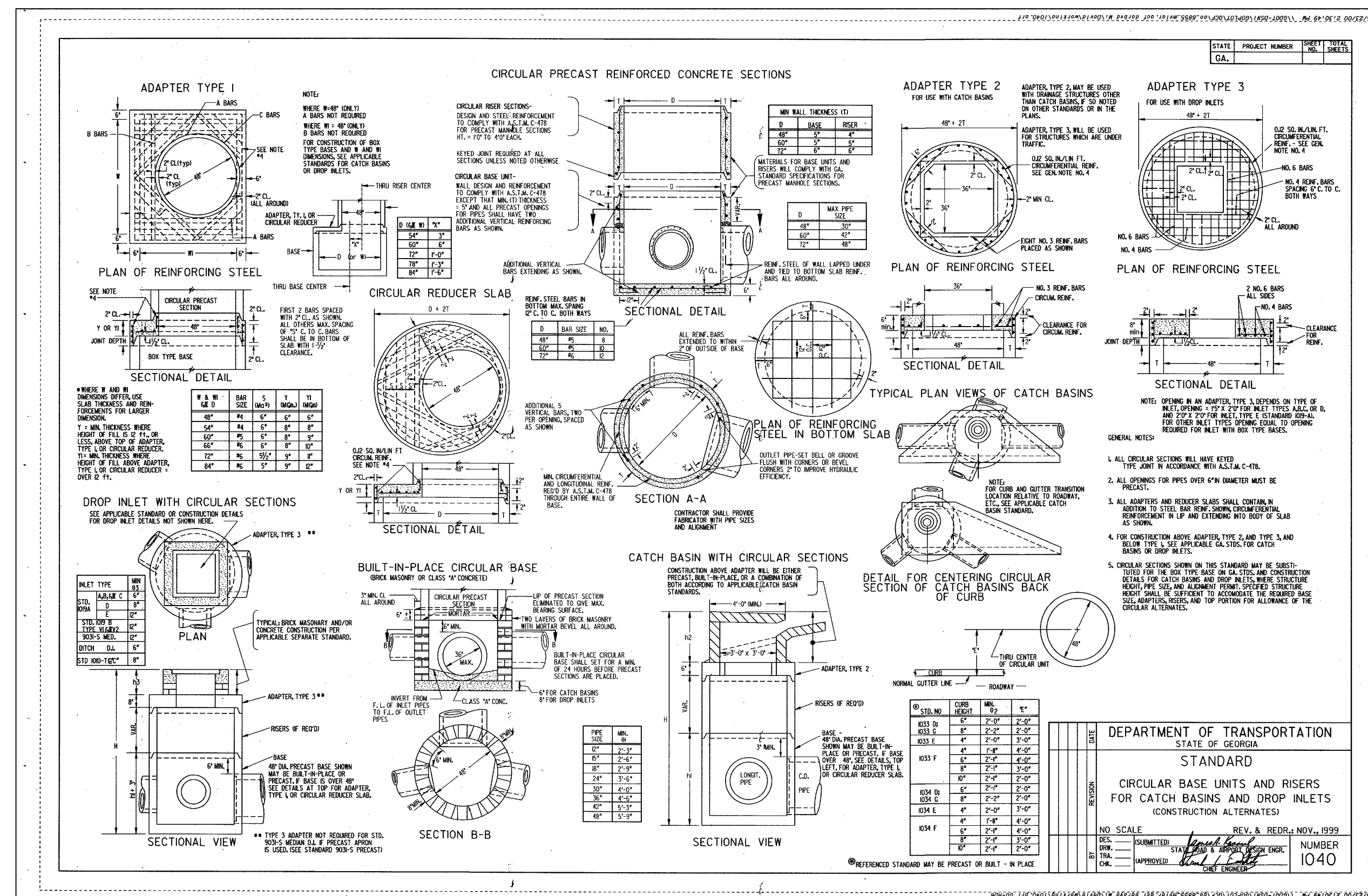
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REVISION DATES	REVISION DATES	CITY OF OXFORD, GEORGIA WHATCOAT STREET
		<b>GDOT CONSTRUCTION STANDARDS</b>
		DRAWING NO. 41-02



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	24	34



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REVISION DATES		REVISION DATES		CITY OF OXFORD, GEORGIA	
				WHATCOAT STREET	
				GDOT CONSTRUCTION STANDARDS	
				DRAWING NO.	
				41-03	



ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	25	34

**GENERAL EROSION & SEDIMENTATION CONTROL NOTES:**

- ALL DISTURBED AREAS SHALL HAVE EROSION CONTROL PROVIDED IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION, AND CITY OF OXFORD/NEWTON COUNTY STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
- ALL EROSION CONTROL MEASURES SHALL COMPLY WITH THE STATE OF GEORGIA SOIL AND WATER CONSERVATION COMMISSION MANUAL FOR EROSION AND SEDIMENT CONTROL IN THE STATE OF GEORGIA, CURRENT EDITION, AND CITY OF OXFORD/NEWTON COUNTY, STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
- ALL CONSTRUCTION SHALL CONFORM TO CITY OF OXFORD/NEWTON COUNTY, O.S.H.A., AND/OR GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT) STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
- THE NOTATION XXX AS SHOWN ON THE EROSION CONTROL PLAN SHEET(S) AND ON THE EROSION CONTROL DETAIL SHEET FOR THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES, REFERS TO THE GEORGIA UNIFORM CODING SYSTEM AS DETAILED IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
- GENERAL STATEMENT OF DESIGNED EROSION CONTROL SYSTEM:
  - NO SURFACE WATER FLOWS FROM ONSITE AREA SHALL BE ALLOWED INTO THE STORM SEWER SYSTEM WITHOUT FIRST BEING FILTERED BY AN EFFECTIVE SEDIMENT ENTRAPMENT DEVICE.
  - SEDIMENT ENTRAPMENT DEVICES ARE TO BE MAINTAINED AT ALL POINTS WHERE SURFACE FLOWS FROM DISTURBED AREAS CAN LEAVE THE SITE. FLOWS ARE TO BE DIRECTED TO ENTRAPMENT DEVICES THROUGHOUT CONSTRUCTION ACTIVITIES. MAINTAIN ALL BMP'S IN ACCORDANCE WITH REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
- EROSION CONTROL MEASURES MUST BE CONSTRUCTED PRIOR TO ANY LAND DISTURBING ACTIVITIES ON-SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT THE END OF EACH WORKING DAY AND AFTER EACH STORM EVENT TO ENSURE THAT ALL MEASURES ARE FUNCTIONING PROPERLY. ANY NECESSARY REPAIRS SHALL BE MADE BY THE CONTRACTOR.
- EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY LAND DISTURBANCE ON SITE. SILT BARRIER TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR CITY OF OXFORD INSPECTOR.
- 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 EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ONSITE INSPECTOR OR THE DESIGN PROFESSIONAL.**
- ANY DISTURBED AREA LEFT IDLE/EXPOSED FOR A PERIOD GREATER THAN 14-DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY, AFTER EACH RAIN EVENT, AND REPAIRED AS NECESSARY.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.
- THE CONTRACTOR SHALL COMPLETELY REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AND TREE PROTECTION FENCING ONCE FINAL STABILIZATION IS ACHIEVED.
- THE CONTRACTOR IS RESPONSIBLE FOR MONITORING DOWNSTREAM CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND FOR REMOVING ANY DEBRIS AND SEDIMENT THAT IS CAUSED BY CONSTRUCTION ACTIVITIES.
- ALL DISTURBED AREAS SHALL BE GRASSED BY THE SITEWORK CONTRACTOR AS SOON AS CONSTRUCTION PHASES PERMIT.
- WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24-HOURS OF SEEDING.
- DURING UNSUITABLE GROWING SEASONS, MULCH WILL BE USED AS A TEMPORARY COVER (Ds1). ON SLOPES 4:1 OR STEEPER, MULCH MUST BE ANCHORED.
- SILT FENCE SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
- SEDIMENT DEPTH INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE MAINTENANCE REQUIREMENTS.
- MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
- CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING AND BLANKETS.
- PROPOSED DETENTION PONDS, DETENTION OUTLET CONTROL STRUCTURES, AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED COMPLETELY AND BE FULLY OPERATIONAL PRIOR TO ANY OTHER LAND DISTURBANCE ACTIVITIES.

**GENERAL EROSION & SEDIMENTATION CONTROL NOTES (CONT'D.):**

- ALL PERMANENT GRADED EARTH SLOPES, EXCAVATION OR EMBANKMENT (CUT AND FILL) SHALL BE GRADED TO A MAXIMUM FINISHED SLOPE OF TWO (2) FEET HORIZONTAL TO ONE (1) FOOT VERTICAL (MAXIMUM SLOPE 2H:1V).
- TO THE BEST OF OUR KNOWLEDGE NO SENSITIVE AREAS (I.E. CULTURAL RESOURCES: ENDANGERED SPECIES, ARCHEOLOGICAL SITES, HISTORICAL SITES, ETC...) EXIST ON, OR WITHIN, 200-FEET OF THE PROJECT SITE.**
- WATERS OF THE STATE ARE NOT WITHIN 200-FEET OF THE PROJECT. TO THE BEST OF OUR KNOWLEDGE NO WETLANDS ARE LOCATED WITHIN 200 FEET OF THE PROJECT.**
- FLOOD NOTE:  
 THIS PROPERTY IS LOCATED WITHIN THE 100-YEAR FLOOD HAZARD ZONE PER: F.E.M.A. NATIONAL FLOOD INSURANCE PROGRAM (NFIP), FLOOD INSURANCE RATE MAP (FIRM), FOR THE FOLLOWING AREA:  
  
 "NEWTON COUNTY, GEORGIA AND INCORPORATED AREAS"; PANEL 126 OF 280; MAP NUMBER 13217C0126D; MAP EFFECTIVE DATE: MARCH 17, 2014.  
  
 THIS PROPERTY LIES WITHIN THE FOLLOWING AREAS:  
  
 ZONE X: AREA OF MINIMAL FLOOD HAZARD
- ALL DISTURBED AREAS LEFT IDLE FOR 5 DAYS, AND NOT TO FINAL GRADE, WILL NEED TO ESTABLISH TEMPORARY VEGETATION BY USING DS1 / DS2. ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION BY USING DS3 OR DS4 IMMEDIATELY UPON COMPLETION.

Apr 11, 2024 - 5:47pm  
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**24-HR. EMERGENCY CONTACT:**

NAME: BILL ANDREW  
 CONTACT PHONE NO.: (770) 786-7004  
 EMAIL: BANDREW@OXFORDGEORGIA.ORG

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REVISION DATES	REVISION DATES

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WHATCOAT STREET	
<b>EROSION CONTROL NOTES</b>	
DRAWING NO.	
51-01	



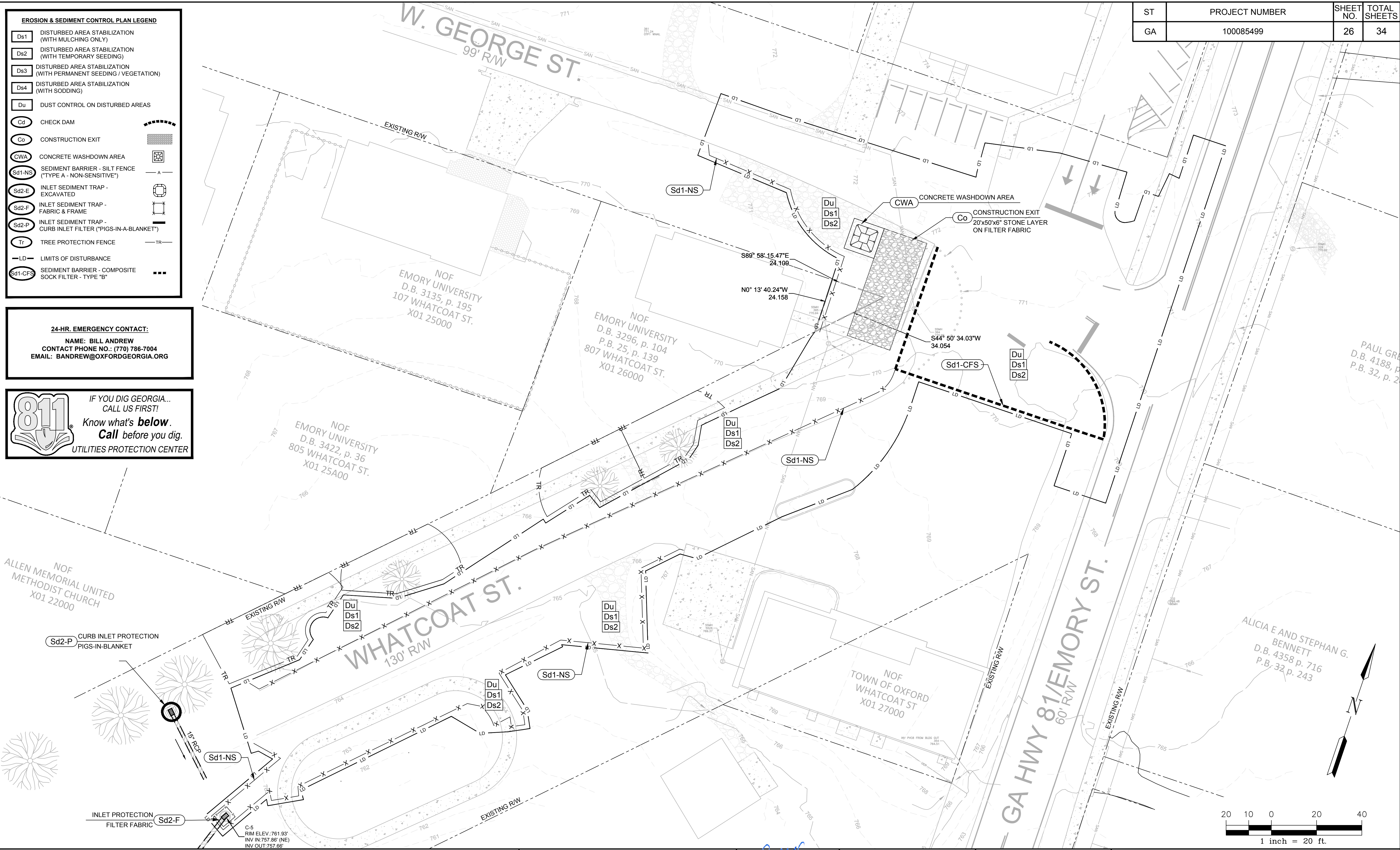
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	26	34

**EROSION & SEDIMENT CONTROL PLAN LEGEND**

Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)	
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)	
Du	DUST CONTROL ON DISTURBED AREAS	
Cd	CHECK DAM	
Co	CONSTRUCTION EXIT	
CWA	CONCRETE WASHDOWN AREA	
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON-SENSITIVE")	
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED	
Sd2-F	INLET SEDIMENT TRAP - FABRIC & FRAME	
Sd2-P	INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET")	
Tr	TREE PROTECTION FENCE	
LD	LIMITS OF DISTURBANCE	
Sd1-CFS	SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B"	

**24-HR. EMERGENCY CONTACT:**  
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 EMAIL: BANDREW@OXFORDGEORGIA.ORG

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REVISION DATES	REVISION DATES

CITY OF OXFORD, GEORGIA	
WHATCOAT STREET	
ESPCP	
PHASE I - INITIAL	
DRAWING NO.	54-01

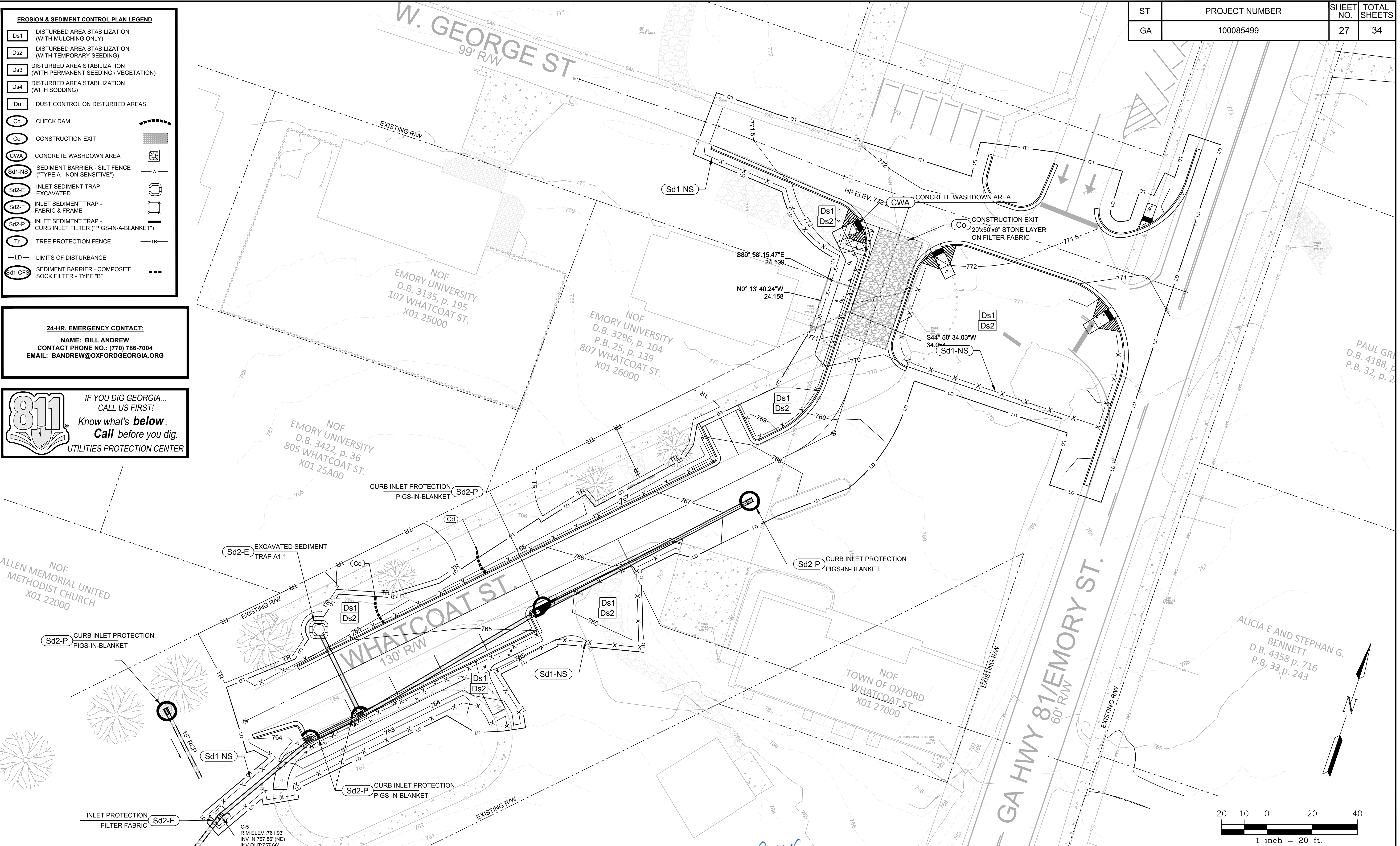


ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	27	34

EROSION & SEDIMENT CONTROL PLAN LEGEND	
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)
Du	DUST CONTROL ON DISTURBED AREAS
Cd	CHECK DAM
Co	CONSTRUCTION EXIT
CWA	CONCRETE WASHDOWN AREA
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON-SENSITIVE")
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED
Sd2-F	INLET SEDIMENT TRAP - FABRIC & FRAME
Sd2-P	INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET")
Tr	TREE PROTECTION FENCE
LD	LIMITS OF DISTURBANCE
Sd1-CFS	SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B"

**24-HR. EMERGENCY CONTACT:**  
**NAME:** BILL ANDREW  
**CONTACT PHONE NO.:** (770) 786-7004  
**EMAIL:** BANDREW@OXFORDGEORGIA.ORG

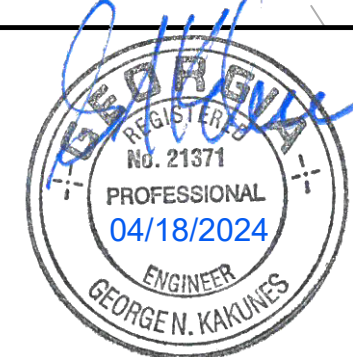
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WHATCOAT STREET  
 ESPCP  
 PHASE II - INTERMEDIATE

DRAWING NO.

54-02



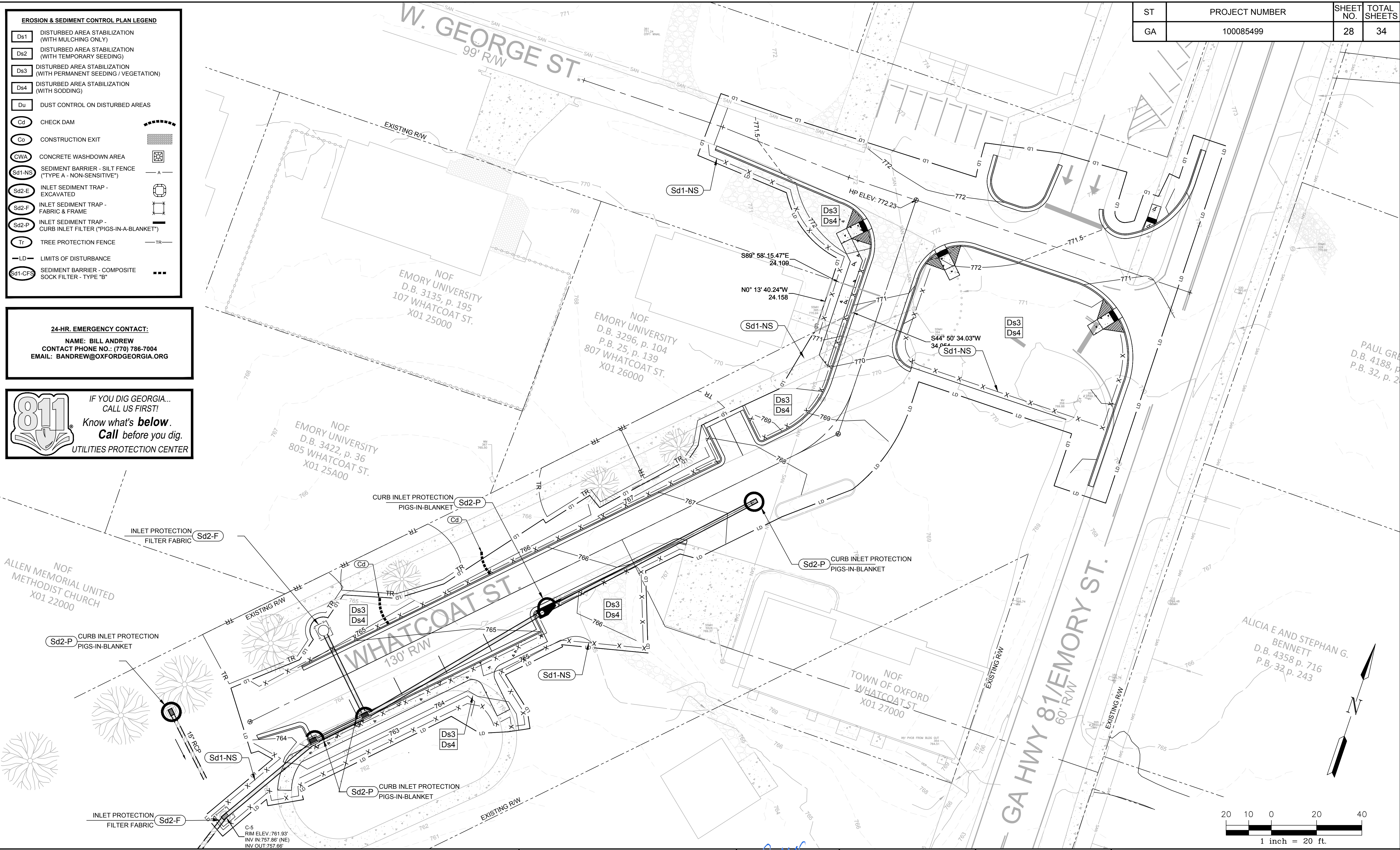
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	28	34

**EROSION & SEDIMENT CONTROL PLAN LEGEND**

Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)	
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)	
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)	
Du	DUST CONTROL ON DISTURBED AREAS	
Cd	CHECK DAM	
Co	CONSTRUCTION EXIT	
CWA	CONCRETE WASHDOWN AREA	
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON-SENSITIVE")	
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED	
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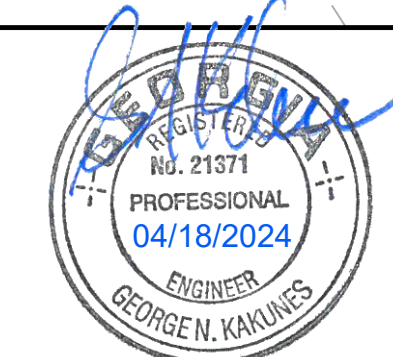


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REVISION DATES	REVISION DATES

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WHATCOAT STREET	
ESPCP	
PHASE III - FINAL	
DRAWING NO.	54-03



Ds1 - DISTURBED AREA STABILIZATION (w/ MULCHING ONLY)		
MATERIAL	BROADCAST RATE	MATERIAL DEPTH
DRY STRAW (OR, HAY)	2-1/2 TONS / ACRE	2 - 4 INCHES
WOOD WASTE (CHIPS, SAWDUST, OR BARK)	6 - 9 TONS / ACRE	2 - 3 INCHES
CUTBACK ASPHALT (SLOW CURING)	1,200 GAL. / ACRE (1/4 GAL. / SQ.YD.)	-
POLYETHYLENE FILM	REFER TO MANUFACTURER'S RECOMMENDATIONS	-
GEOTEXTILES, JUTE MATTING, NETTING, ETC...	REFER TO MANUFACTURER'S RECOMMENDATIONS	-

**NOTE:**

REFER TO PAGES 6-33 AND 6-34 OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION, FOR ADDITIONAL INFORMATION.



**Dust Control on Disturbed Areas** Du



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

**PURPOSE**  
\*To prevent surface and air movement of dust from exposed soil surfaces.

\*To reduce the presence of airborne substances that may be harmful or injurious to human health, welfare, or safety, or to animals or plant life.

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

**METHOD AND MATERIALS**

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

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

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

**Tillage.** This practice is designed to roughen and bring clods to the surface. It is an emergency

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measure that should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.

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

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

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

**B. Permanent Methods**

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

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

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

6-55



**Table 6-5.1. Fertilizer Requirements**

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 1/2/
	Second Maintenance	6-12-12 10-10-10	1000 lbs./ac. 400 lbs./ac.	30
2. Cool season grasses and legumes	First	6-12-12	1500 lbs./ac.	0-50 lbs./ac. 1/
	Second Maintenance	0-10-10 0-10-10	1000 lbs./ac. 400 lbs./ac.	—
3. Ground covers	First	10-10-10	1300 lbs./ac. 3/	—
	Second Maintenance	10-10-10 10-10-10	1300 lbs./ac. 3/ 1100 lbs./ac.	—
4. Pine seedlings	First	20-10-5	one 21-gram pellet per seedling placed in the closing hole	—
5. Shrub Lespedeza	First	0-10-10	700 lbs./ac.	—
	Maintenance	0-10-10	700 lbs./ac. 4/	—
6. Temporary cover crops seeded alone	First	10-10-10	500 lbs./ac.	30 lbs./ac. 5/
7. Warm season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 2/6/
	Second Maintenance	6-12-12 10-10-10	800 lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 2/ 30 lbs./ac.
8. Warm season grasses and legumes	First	6-12-12	1500 lbs./ac.	50 lbs./ac./6/
	Second Maintenance	0-10-10 0-10-10	1000 lbs./ac. 400 lbs./ac.	—

1/ Apply in spring following seeding.  
2/ Apply in split applications when high rates are used.  
3/ Apply in 3 split applications.  
4/ Apply when plants are pruned.  
5/ Apply to grass species only.  
6/ Apply when plants grow to a height of 2 to 4 inches.

SOUTHERN PIEDMONT VEGETATION PLAN							
Ds2 - DISTURBED AREA STABILIZATION W/ TEMPORARY SEED				Ds3 - DISTURBED AREA STABILIZATION W/ PERMANENT SEED			
PLANTING DATES	TEMPORARY SEED SPECIES	BROADCAST RATE / ACRE	BROADCAST RATE / 1,000 sq.ft.	PLANTING DATES	TEMPORARY SEED SPECIES	BROADCAST RATE / ACRE	BROADCAST RATE / 1,000 sq.ft.
JAN. 1 - JAN. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	JAN. 1 - JAN. 31	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
FEB. 1 - FEB. 29	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	FEB. 1 - FEB. 29	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
MAR. 1 - MAR. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	MAR. 1 - MAR. 31	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
APR. 1 - APR. 30	MILLET, BROWNTOP	40 LBS.	0.9 LBS.	APR. 1 - APR. 30	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
MAY 1 - MAY 31	MILLET, BROWNTOP	40 LBS.	0.9 LBS.	MAY 1 - MAY 31	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
JUN. 1 - JUN. 30	SUDANGRASS	60 LBS.	1.4 LBS.	JUN. 1 - JUN. 30	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
JUL. 1 - JUL. 31	SUDANGRASS	60 LBS.	1.4 LBS.	JUL. 1 - JUL. 31	LESPEDEZA, SERICEA	75 LBS.	1.7 LBS.
AUG. 1 - AUG. 31	SUDANGRASS	60 LBS.	1.4 LBS.	AUG. 1 - AUG. 31	LESPEDEZA, SERICEA	75 LBS.	1.7 LBS.
SEP. 1 - SEP. 30	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	SEP. 1 - SEP. 30	FESCUE, TALL	50 LBS.	1.1 LBS.
OCT. 1 - OCT. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	OCT. 1 - OCT. 31	FESCUE, TALL	50 LBS.	1.1 LBS.
NOV. 1 - NOV. 30	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	NOV. 1 - NOV. 30	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
DEC. 1 - DEC. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.	DEC. 1 - DEC. 31	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.

Ds2 - TEMPORARY VEGETATION / MULCHING		Ds3 - PERMANENT VEGETATION / MULCHING	
<b>GENERAL:</b> THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.		<b>GENERAL:</b> THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.	
<b>TREATMENT SPECIFICATIONS:</b> (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1) GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY WITHIN 24 HOURS AFTER SEEDING. WITH STRAW OR HAY MULCH SPREAD UNIFORMLY OVER THE AREA LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT, OR BY HAND, AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT, OR A SPECIAL PACKER DISK, MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:		<b>TREATMENT SPECIFICATIONS:</b> (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1) GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY WITHIN 24 HOURS AFTER SEEDING. WITH STRAW OR HAY MULCH SPREAD UNIFORMLY OVER THE AREA LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT, OR BY HAND, AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT, OR A SPECIAL PACKER DISK, MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:	
<b>LIME:</b> APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE, OR AS RECOMMENDED BY SOIL TESTS.		<b>LIME:</b> APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE, OR AS RECOMMENDED BY SOIL TESTS.	
<b>FERTILIZER:</b> REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.		<b>FERTILIZER:</b> REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.	
<b>MULCHING RATES (FOR TEMPORARY VEGETATION):</b> 1. DRY STRAW: 2 TONS PER ACRE. 2. DRY HAY: 2.5 TONS PER ACRE. 3. WOOD CELLULOSE MULCH OR WOOD PULP FIBER: 500 LBS PER ACRE.		<b>MULCHING RATES (FOR PERMANENT VEGETATION):</b> 1. DRY STRAW: 2 TONS PER ACRE. 2. DRY HAY: 2.5 TONS PER ACRE. 3. WOOD CELLULOSE MULCH OR WOOD PULP FIBER: 500 LBS PER ACRE.	
<b>TOP DRESSING:</b> APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL.		<b>TOP DRESSING:</b> APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL.	
<b>SECOND YEAR FERTILIZER:</b> REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.		<b>SECOND YEAR FERTILIZER:</b> REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.	



NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

REVISION DATES	REVISION DATES



### DISTURBED AREA STABILIZATION (WITH SODDING)

Ds4



#### DEFINITION

A permanent vegetative cover using sods on highly erodible or critically eroded lands.

#### PURPOSE

- Establish immediate ground cover.
- Reduce runoff and erosion.
- Improve aesthetics and land value.
- Reduce dust and sediments.
- Stabilize waterways, critical areas.
- Filter sediments, nutrients and bugs.
- Reduce downstream complaints.
- Reduce likelihood of legal action.
- Reduce likelihood of work stoppage due to legal action.
- Increase "good neighbor" benefits.

#### CONDITIONS

This application is appropriate for areas that require immediate vegetative covers, drop inlets, grass swales, and waterways with intermittent flow.

#### PLANNING CONSIDERATIONS

Sodding can initially be more costly than seeding, but the advantages justify the increased initial costs.

- Immediate erosion control, green surface, and quick use.
- Reduced failure as compared to seed as well as the lack of weeds.
- Can be established nearly year-round.

Sodding is preferable to seed in waterways and swales because of the immediate protection of the channel after application. Sodding must be staked in concentrated flow areas (See Figure 6-6.1).

Consider using sod framed around drop inlets to reduce sediments and maintaining the grade.

#### CONSTRUCTION SPECIFICATIONS

##### Soil Preparation

Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils.

Topsoil properly applied will help guarantee a stand. Don't use topsoil recently treated with herbicides or soil sterilants.

Mix fertilizer into soil surface. Fertilize based on soil tests or Table 6-6.1.

Fertilizer Type	Fertilizer Rate (lbs/acre)	Fertilizer Rate (lbs/sq ft)	Season
10-10-10	1000	.025	Fall

Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.

##### Installation

Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod (See Figure 6-6.2).

On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil.

Irrigate sod and soil to a depth of 4" immediately after installation.

Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks.

#### MATERIALS

Sod selected should be certified. Sod grown in the general area of the project is desirable.

- Sod should be machine cut and contain 3/4" (+ or - 1/4") of soil, not including shoots or thatch.
- Sod should be cut to the desired size within + or -5%. Torn or uneven pads should be rejected.
- Sod should be cut and installed within 36 hours of digging.
- Avoid planting when subject to frost heave or hot weather, if irrigation is not available.
- The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.

#### MAINTENANCE

Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not be cut less than 2'-3" or as specified (See Figure 6-6.2).

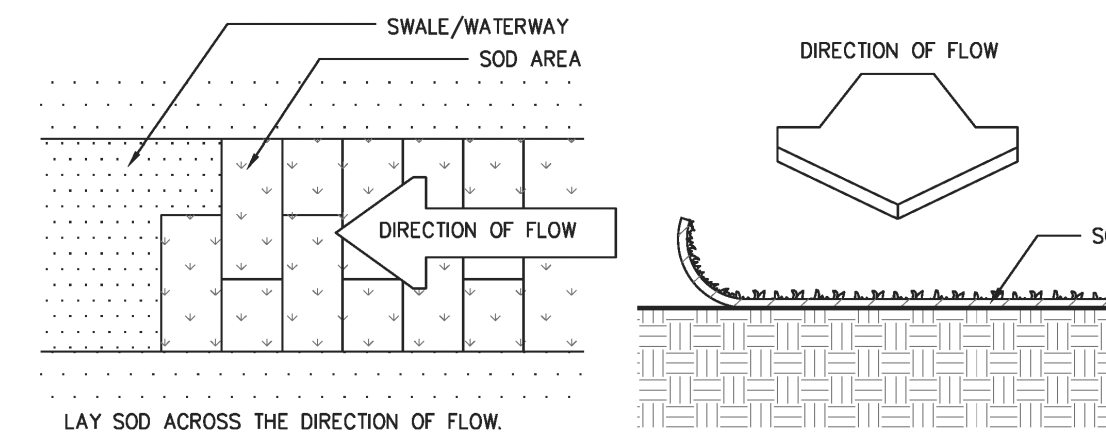
Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 6-6.3.

Grass	Varieties	Resource Area	Growing Season
Bermudagrass	Common Tifway Tifgreen Tiflawn	M-L,P,C P,C P,C P,C	warm weather
Bahiagrass	Pensacola	P,C	warm weather
Centipede	-	P,C	warm weather
St. Augustine	Common Bitterblue Raleigh	C	warm weather
Zoysia	Emerald Myer	P,C	warm weather
Tall Fescue	Kentucky	M-L,P	cool weather

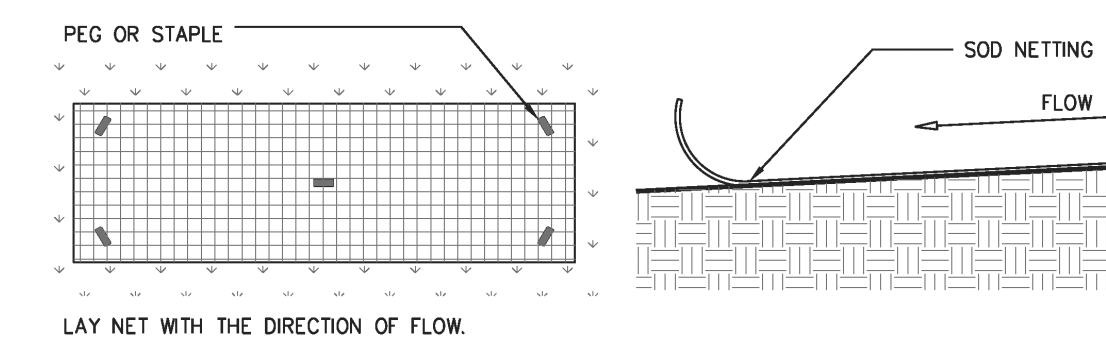
Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	Nitrogen Top Dressing Rate (lbs./acre)
cool season grasses	first	6-12-12	1500	50-100
	second maintenance	6-12-12	1000	-
warm season grasses	first	6-12-12	1500	50-100
	second maintenance	6-12-12	800	50-100
		10-10-10	400	30

### SODDED WATERWAYS

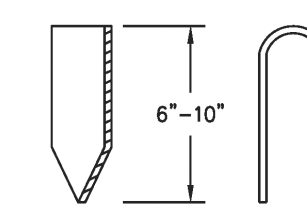
#### SOD DIRECTIONS



#### NETTING DIRECTIONS



#### PEG DETAIL



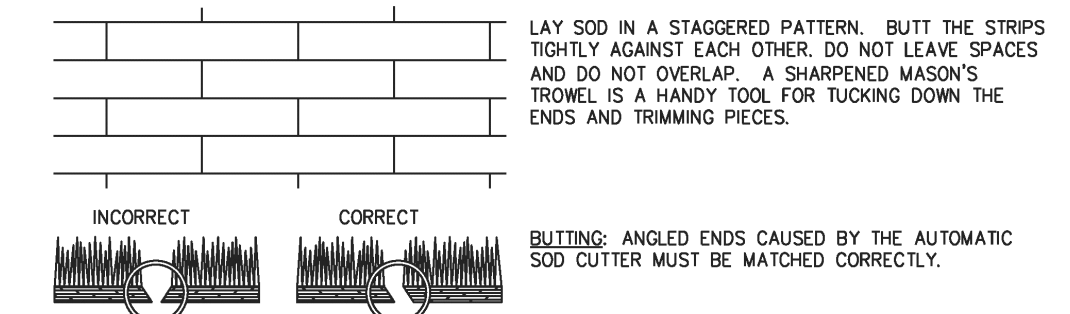
IN CRITICAL AREAS, SECURE SOD WITH NETTING USING STAPLES.  
USE PEGS OR STAPLES TO FASTEN SOD FIRMLY -- AT THE ENDS OF STRIPS AND IN THE CENTER, OR EVERY 3-4 FEET IF THE STRIPS ARE LONG. WHEN READY TO MOW, DRIVE PEGS OR STAPLES FLUSH WITH THE GROUND.

Source: Va. DSWC

Figure 6-6.1

### SOD MAINTENANCE AND INSTALLATION

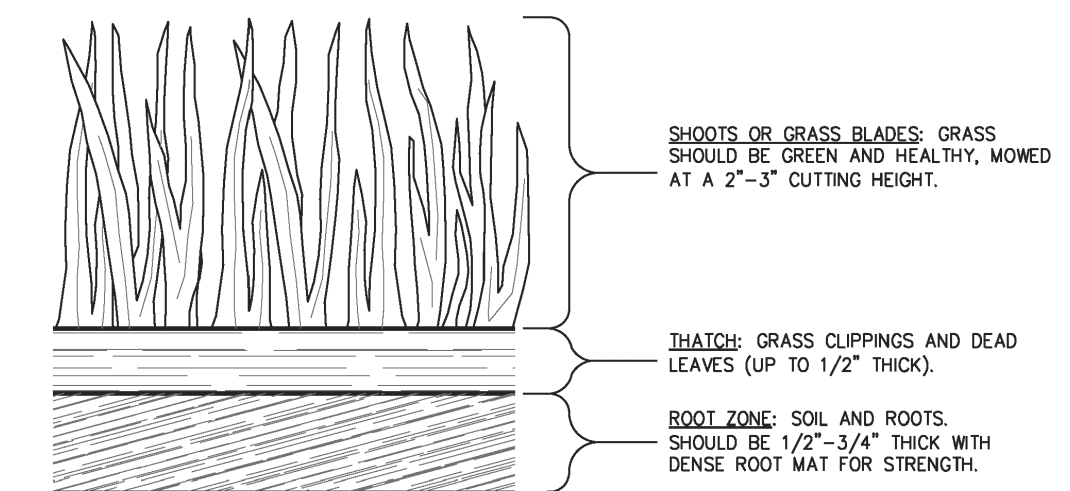
#### SOD LAYOUT AND PREPARATION



#### DIRECTIONS FOR INITIAL MAINTENANCE

- Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
- Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.
- Step 3. MOW WHEN THE SOD IS ESTABLISHED -- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

#### APPEARANCE OF GOOD SOD



Source: Va. DSWC

Figure 6-6.2

GSWCC 2016 Edition

6-51

6-52

GSWCC 2016 Edition

GSWCC 2016 Edition

6-53

6-54

GSWCC 2016 Edition

Ds4 **DISTURBED AREA STABILIZATION (WITH SODDING)** 05  
(NOT TO SCALE) 56-02



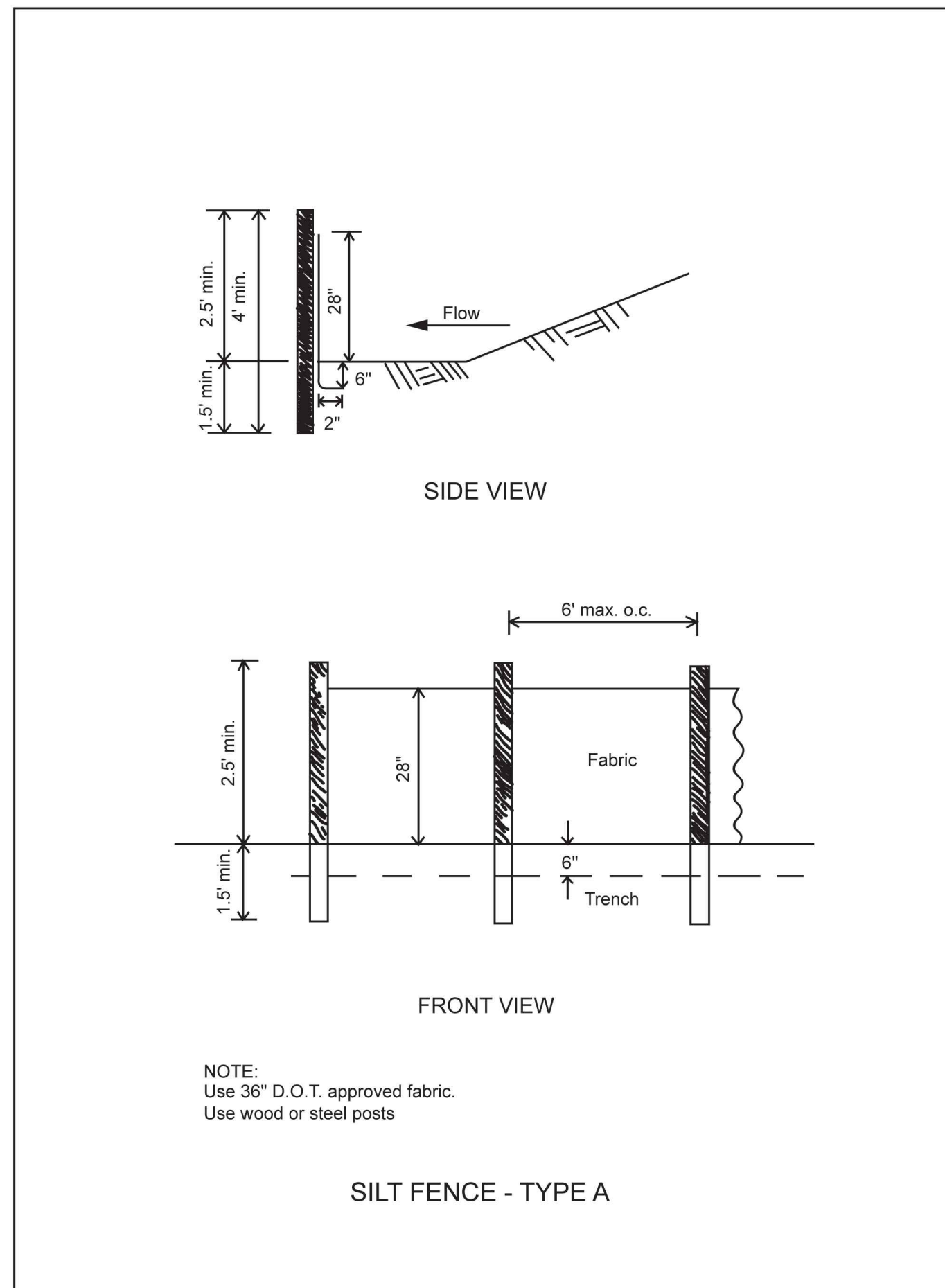


Figure 6-20.4

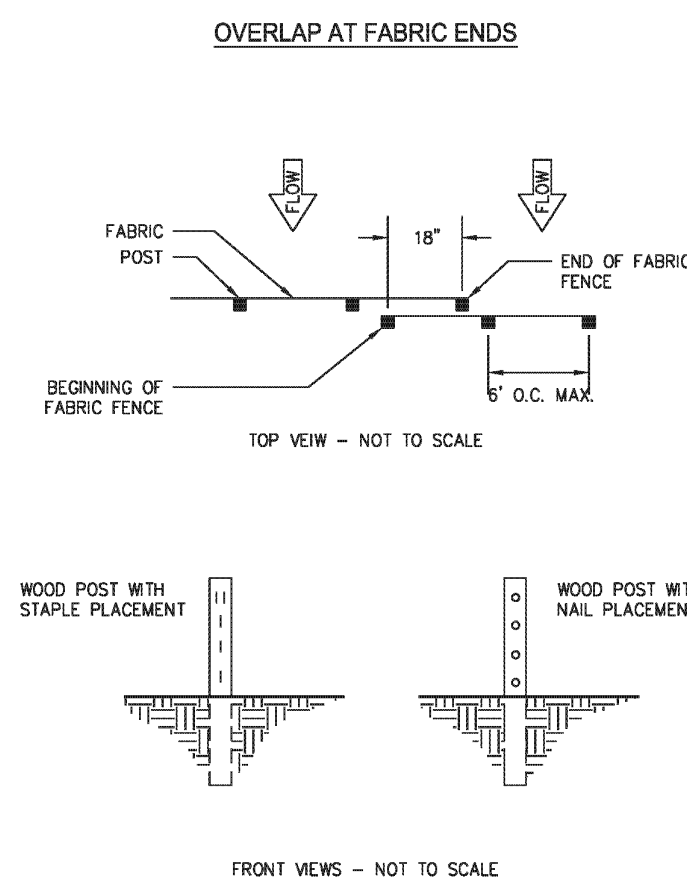
Type	Min Length	Type of Post	Size of Post
NS	4'	Soft wood Oak Steel	3" dia or 2x4 1.5" x 1.5" 1.15lb./ft. min
S	4'	Steel Oak	1.15-1.25 lb./ft. min 2"x2"

	Gauge	Crown	Legs	Staples / Post
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
	Gauge	Length	Button Heads	Nail/ Post
Nails	14 min.	1"	3/4"	4 min.

Note: Filter Fabric may also be attached to the post by wire, cords, and pockets.

**FASTENERS FOR SILT FENCES**



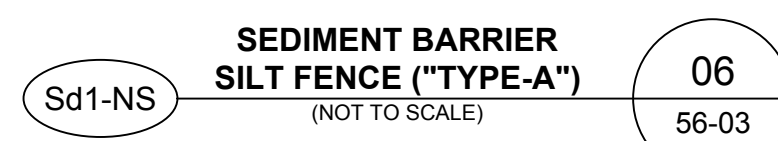
NOTES:  
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER.

Figure 6-27.5

GSWCC 2016 Edition

6-145

Sediment Storage Calculations for Areas Bypassing Approved Sediment Storage BMP:						
Silt Fence Calculations (Sd-1): Initial Phase I						
Required Sediment Storage = 67 CY / AC Draining to Silt Fence						
Sediment Storage Provided by Silt Fence = 0.3 CY/LF of silt fence						
Alignment	Silt Fence Location	Area Draining to Silt Fence (AC)	Required Sediment Storage (CY)	Required Silt Fence (LF)	Silt Fence Provided (LF)	
WHATCOAT ST.	Sta. 10+33.50 to 13+96.20	3.07	205.69	685.63	735	LF OK
W. GEORGE ST.	Sta 21+50 TO 22+19.02	0.19	12.56	41.87	83.25	LF OK
Silt Fence Calculations (Sd-1): Intermediate/Final Phase II/III						
Required Sediment Storage = 67 CY / AC Draining to Silt Fence						
Sediment Storage Provided by Silt Fence = 0.3 CY/LF of silt fence						
Alignment	Silt Fence Location	Area Draining to Silt Fence (AC)	Required Sediment Storage (CY)	Required Silt Fence (LF)	Silt Fence Provided (LF)	
WHATCOAT ST.	Sta 10+33.50 to 11+50.00	0.23	15.41	51.37	59	LF OK
WHATCOAT ST.	Sta 11+50.01 to 12+61.00	0.64	42.88	142.93	173	LF OK
WHATCOAT ST.	Sta 12+61.01 to 13+51.00	0.90	60.30	201.00	202	LF OK
WHATCOAT ST.	Sta. 13+51.01 to 13+76.00	0.02	1.34	4.47	42	LF OK
WHATCOAT ST.	Sta. 13+76.01 to 13+96.20	1.01	67.67	225.57	401	LF OK
W. GEORGE ST.	Sta 21+50 TO 22+19.02	0.08	5.53	18.45	68	LF OK



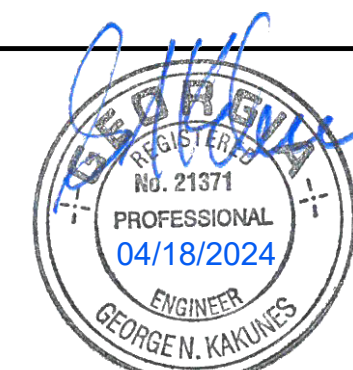
**MAINTENANCE STATEMENT (Sd1-S):**

SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.

Apr 11, 2024 - 6:29pm  
I:\100085499 City of Oxford GA - Whatcoat Street\CAD\DWG\BASE\PROPOSED\SED\85499-C-EROS-DETS.dwg



Atkins North America, Inc  
1600 RiverEdge Parkway NW, Ste. 700  
Atlanta, GA 30328  
Tel: (770)933-9280



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UNLESS SIGNED IN THIS BLOCK

REVISION DATES

REVISION DATES

CITY OF OXFORD, GEORGIA

WHATCOAT STREET

ESPCP DETAILS

DRAWING NO.

56-03

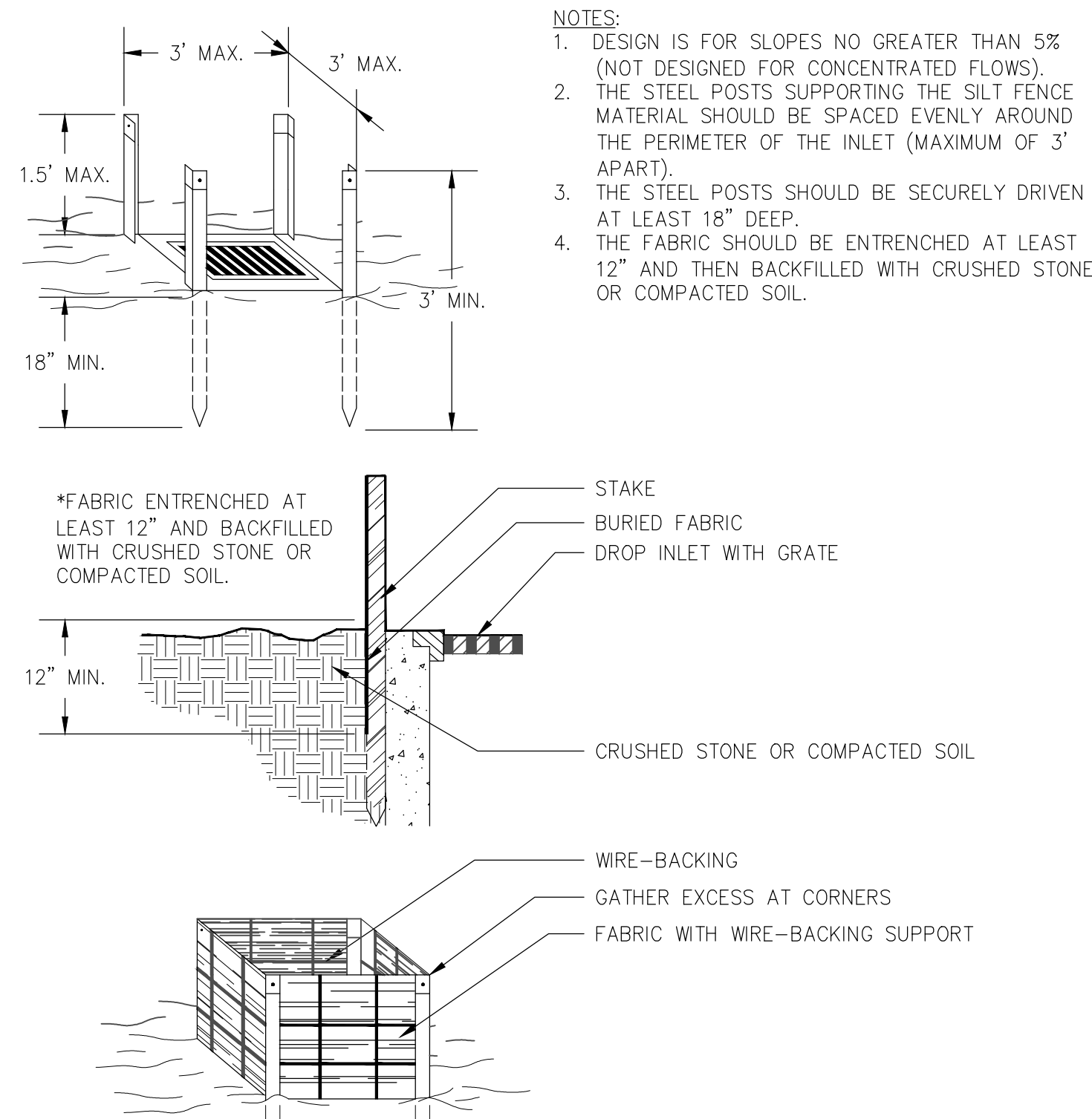






## FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

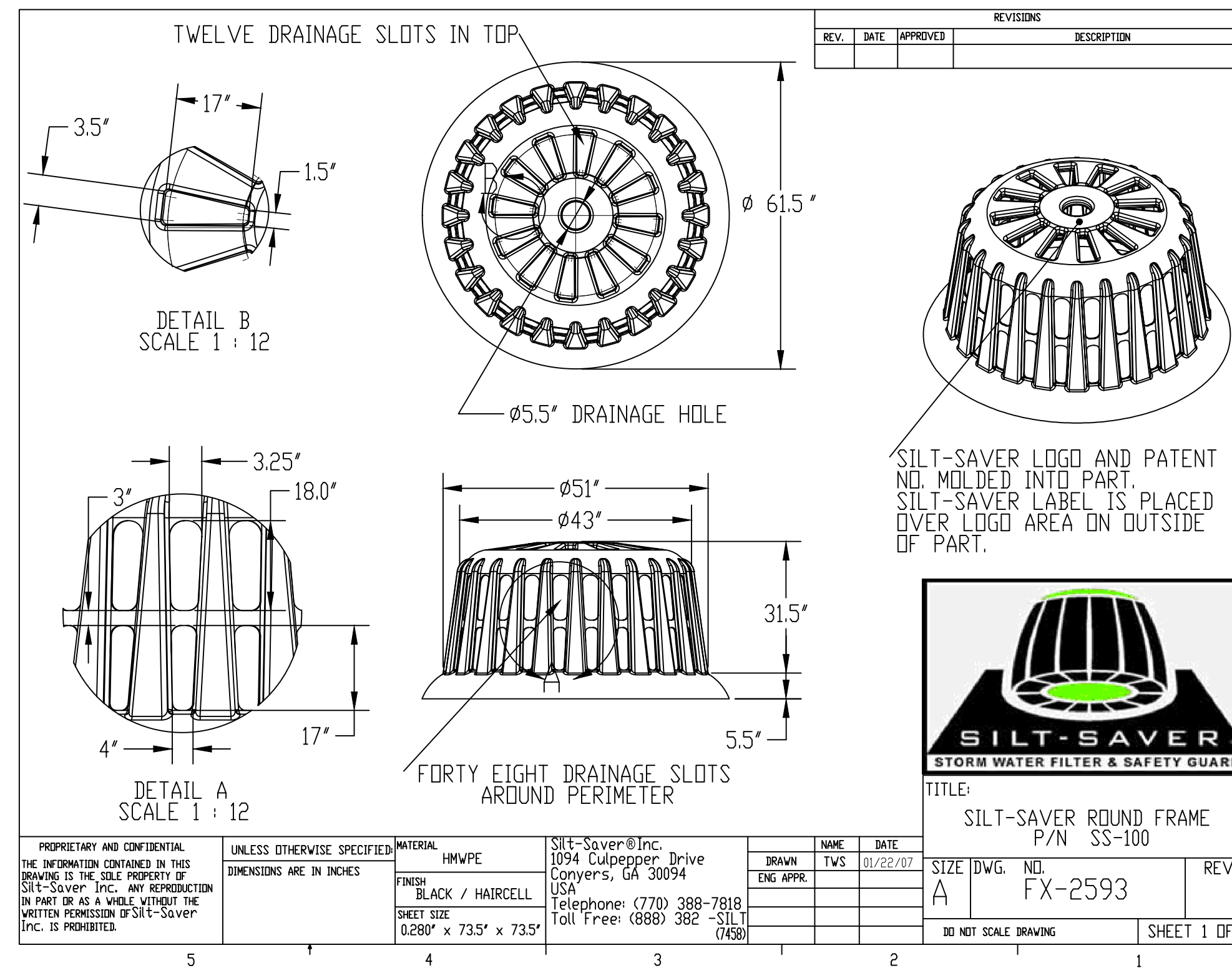
### STEEL FRAME AND SILT FENCE INSTALLATION



**INLET SEDIMENT TRAP (FABRIC & FRAME)**  
Sd2-F (NOT TO SCALE) 09 56-05

**MAINTENANCE STATEMENT (Sd2-F):**

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN EVENT AND REPAIRS MADE AS NEEDED.  
SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.  
WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

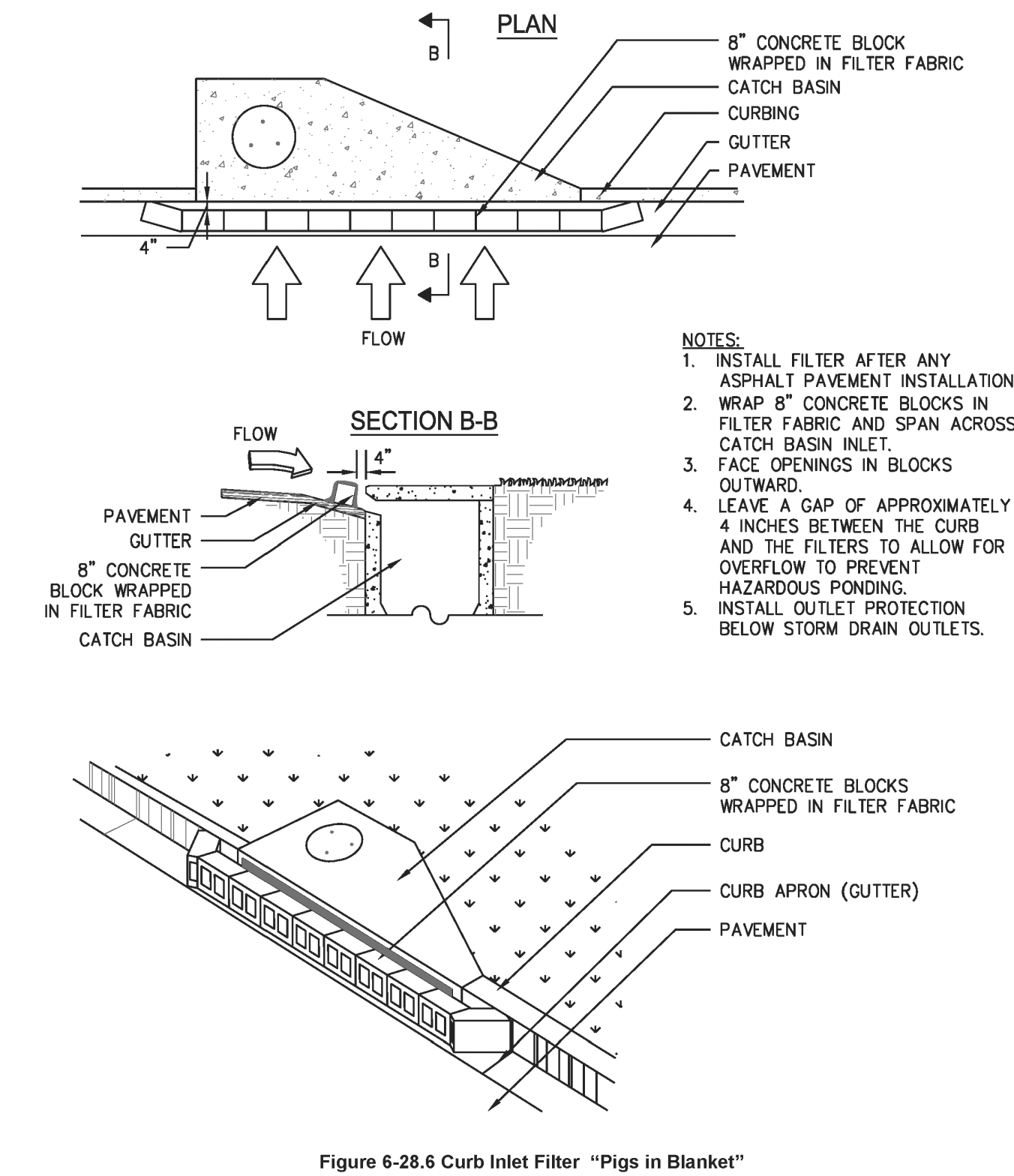


**INLET SEDIMENT TRAP (FABRIC & FRAME ALTERNATIVE)**  
Sd2-F (NOT TO SCALE) 10 56-05

**MAINTENANCE STATEMENT (Sd2-F):**

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN EVENT AND REPAIRS MADE AS NEEDED.  
SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.  
WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

### CURB INLET FILTER "PIGS IN BLANKET"



**INLET SEDIMENT TRAP (PIGS IN BLANKET)**  
Sd2-P (NOT TO SCALE) 11 56-05

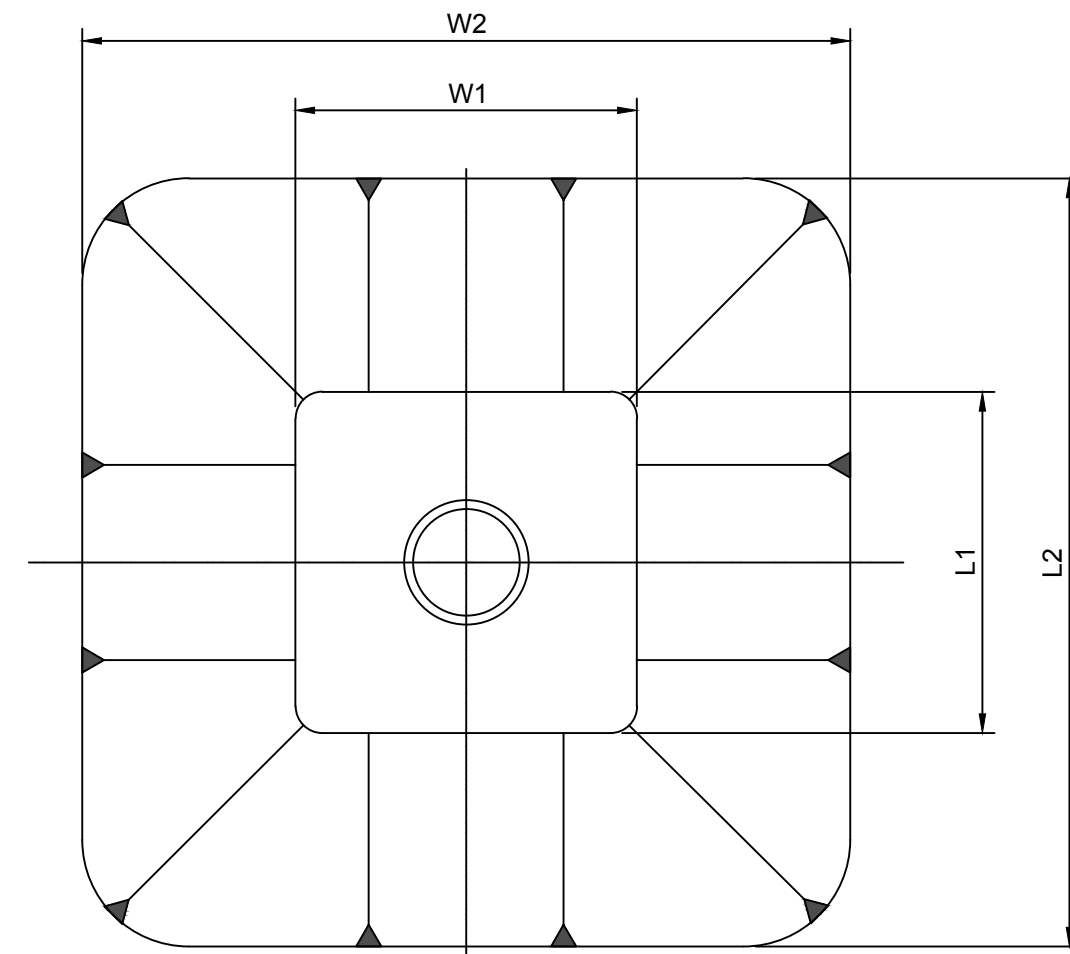
**MAINTENANCE STATEMENT (Sd2-F):**

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN EVENT AND REPAIRS MADE AS NEEDED.  
SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.  
WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

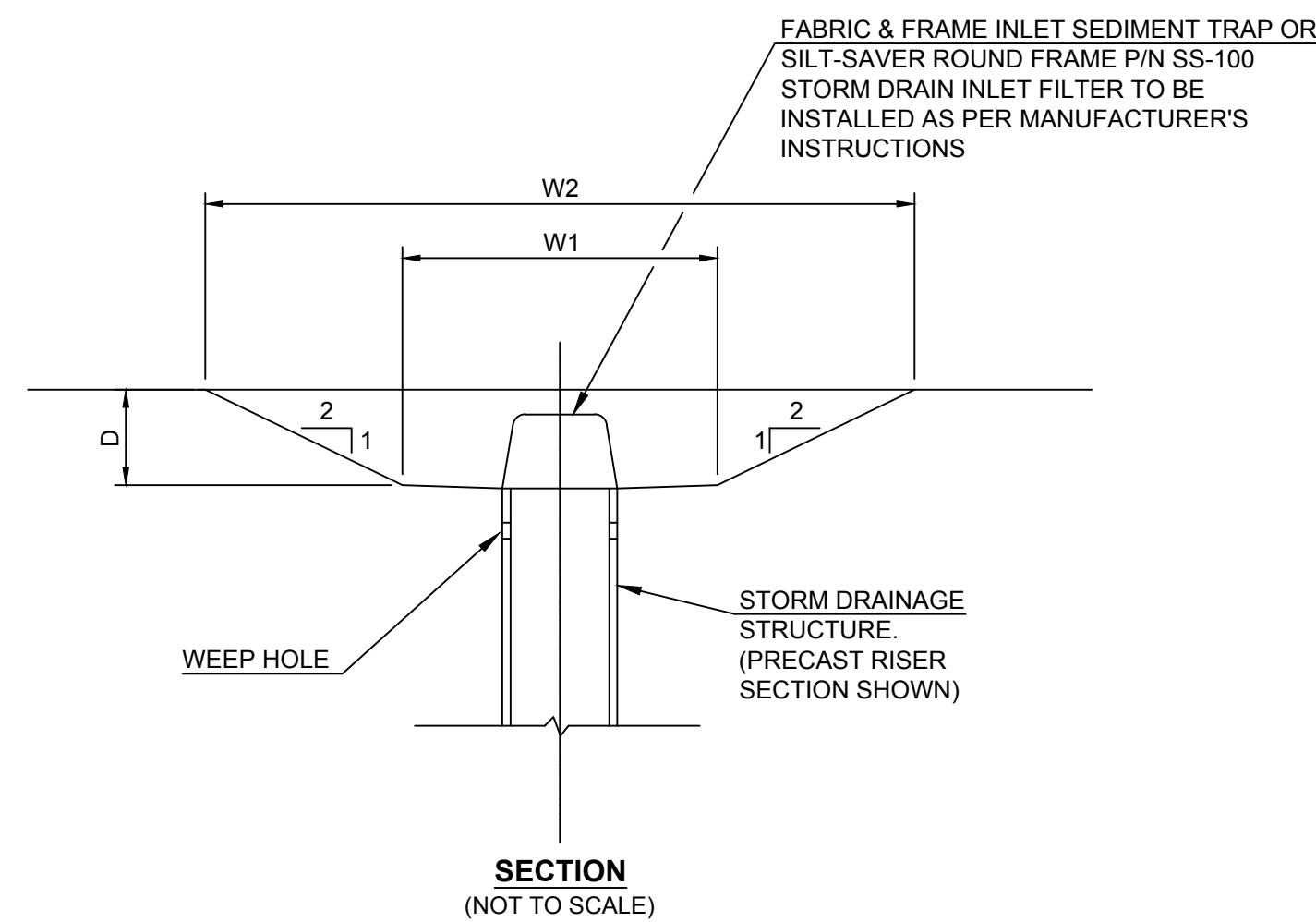


ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100085499	34	34

<b>Inlet Sediment Trap A1.1</b>			
1. Drainage area =	1.26	ac	
2. Required sediment storage =	67 cy/ac * drainage area		
Required sediment storage =	67 cy/ac * 1.26 ac		
Required sediment storage =	84.42 cy =	2279.34	cf
3. Assume excavation depth (minimum of 1.5 ft) =	2	ft	
4. Assume slope of sides (shall not be steeper than 2:1)	2:1		
5. Determine required surface area			
S <sub>Amin</sub> = Required sediment storage / excavation depth			
S <sub>Amin</sub> =	2279.34 cf /	2	ft
S <sub>Amin</sub> =	1139.67	sf	
6. Assume shape of excavation and determine dimensions.			
(A rectangular shape with 2:1 length to width ratio is recommended.)			
Shape:	square		
Dimensions: l =	45	ft	S <sub>Act</sub> = 1484
w =	20	ft	Area Acceptable
Volume Required =	2279.34		
Volume Provided =	2320		Volume Acceptable



PLAN  
(NOT TO SCALE)



Sd2-E INLET SEDIMENT TRAP - EXCAVATED  
(NOT TO SCALE)

12  
56-06

**MAINTENANCE STATEMENT (Sd2-F):**

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN EVENT AND REPAIRS MADE AS NEEDED.

SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.

WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

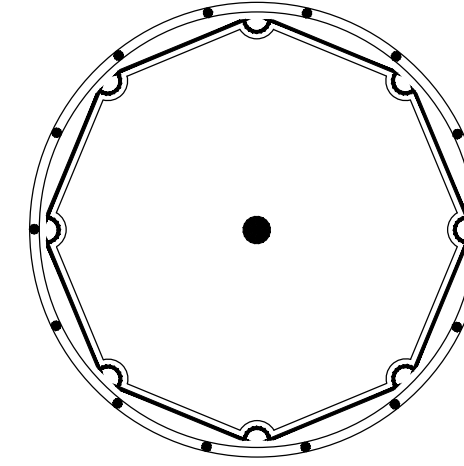
**NOTE (Sd2-E):**

THE DIMENSIONS SHOWN FOR LENGTH AND WIDTH ON THE CALCULATION SHEETS CORRESPOND TO "L1" AND "W1" AS SHOWN ON THE EXCAVATED INLET SEDIMENT TRAP DETAIL.

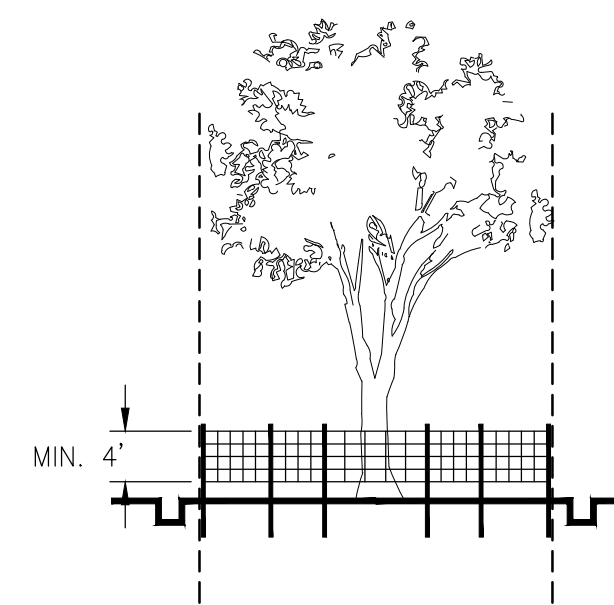
**TREE PROTECTION**

"SNOW" FENCE

PLAN



CROSS-SECTION



**NOTES:**

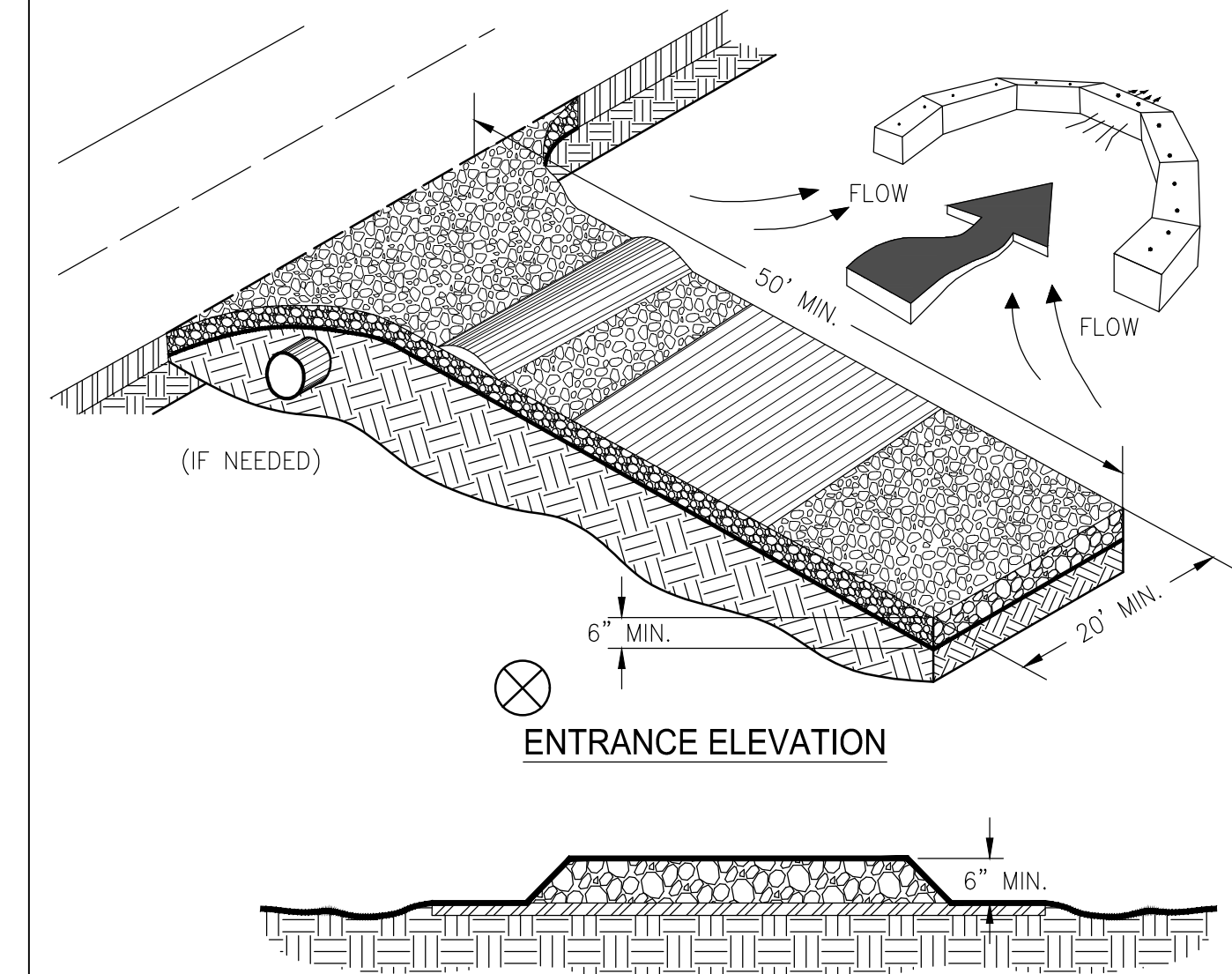
1. USE TRENCHER (I.E. DITCH WHICH) TO CUT A 4"-5" W X 18" D TRENCH ALONG DRIP LINE (LIMIT OF CLEARING) AND BACKFILL WITH SAND AND LIGHTLY COMPACT.
2. SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER (SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES).
3. MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
4. DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHIN FENCED AREA.
5. FENCE SHALL BE ORANGE VINYL "SNOW FENCE" 4' HIGH MINIMUM.

Tr TREE PROTECTION  
(NOT TO SCALE)

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**CRUSHED STONE CONSTRUCTION EXIT**

EXIT DIAGRAM



**NOTES:**

1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Co CONSTRUCTION EXIT  
(NOT TO SCALE)

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56-06

Apr 11, 2024 - 6:33pm  
I:\100085499 City of Oxford GA - Whatcoat Street\CAD\DWG\BASE\PROPOSED\85499-C-EROS-DETS.dwg



Atkins North America, Inc  
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NOT VALID FOR CONSTRUCTION  
UNLESS SIGNED IN THIS BLOCK

REVISION DATES


REVISION DATES


CITY OF OXFORD, GEORGIA

WHATCOAT STREET

ESPCP DETAILS

DRAWING NO.

56-06