EAST RAILROAD AVE SIDEWALK
GDOT TIA PI# 0018971
FOR THE CITY OF ALAMO
WHEELER COUNTY, GEORGIA
DATE: JULY 15, 2024

SHEET INDEX:

DRAWING LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER	SS	SS
UNDERGROUND WATER LINE	W	W
FORCE MAIN	FM	FM
STORM DRAINAGE PIPE		
UNDERGROUND TELEPHONE LINE	T	T
UNDERGROUND TELEPHONE CONDUIT	TC	TC
UNDERGROUND GAS LINE	12"G	12"G
DITCH CENTERLINE		
SPOT ELEVATION	X=90.00	X=90.00
TOP OF CURB ELEVATION	TC=90.00	TC=90.00
FIRE HYDRANT		
SEWER MANHOLE	S	S
WATER VALVE	WV	WV
TELEPHONE MANHOLE		T
LIGHT POLE		
SIGN		
WATER METER		
BENCHMARK		
CONCRETE MONUMENT FOUND		
GUY POLE		
IRON PIN FOUND		
IRON PIN SET		
TELEPHONE PEDESTAL		
POWER POLE		
HANDICAP SPACE		
SEDIMENT BASIN MARKER W/NOTCH	SBM	SBM

VICINITY MAP
Not To Scale

GEORGIA 811
Utilities Protection Center, Inc.
Know what's **below.**
Call before you dig.

MINIMUM PROJECT SPECIFICATIONS

ANY JOB DESIGNED BY M.E. SACK ENGINEERING SHALL BE CONSTRUCTED IN ACCORDANCE WITH M.E. SACK ENGINEERING MINIMUM SPECIFICATIONS. IN MUNICIPALITIES WITH THEIR OWN SPECIFICATIONS, THEIR SPECIFICATIONS SHALL SUPERSEDE THE MINIMUM SPECIFICATIONS. LIKEWISE, PROJECTS THAT ARE BID SHALL BE HELD TO THE SPECIFICATIONS WITHIN THE BID DOCUMENT WHICH MAY DIFFER FROM THE MINIMUM SPECIFICATION REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THEY HAVE THE APPROPRIATE SPECIFICATIONS FOR EACH PROJECT. OBTAIN THE MINIMUM STANDARDS BY SCANNING THE QR CODE OR CLICKING THIS LINK: https://www.mesack.com/technical-specification/

CONTACT ADMIN@MESACK.COM TO REQUEST CONFIRMATION OF CORRECT SPECIFICATIONS AT ANYTIME.

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

DESIGN PROFESSIONAL:

GEORGIA REGISTERED No. 33312 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

10375 FORD AVENUE
UNIT A-2
RICHMOND HILL, GA 31324

GENERAL NOTES

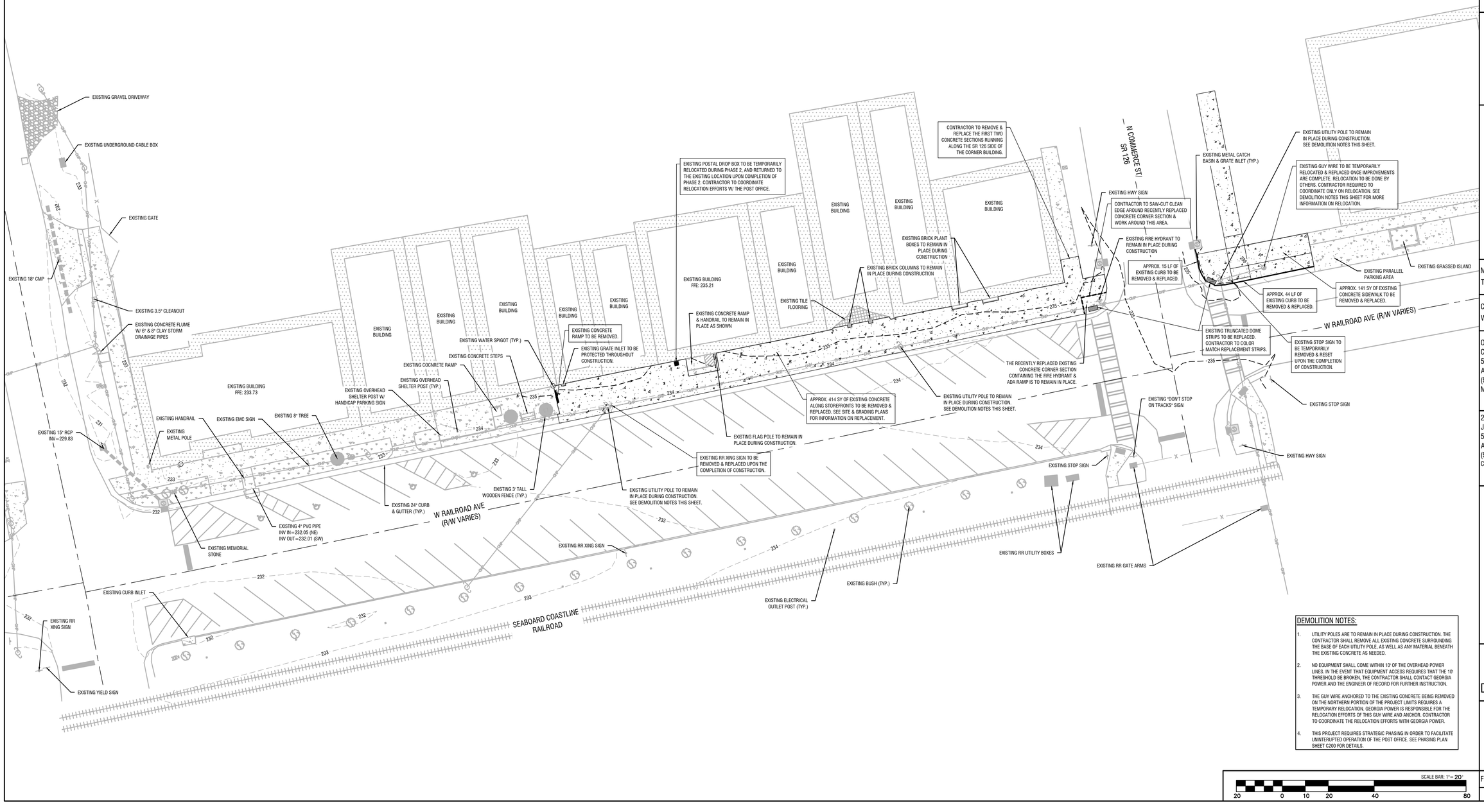
1. ALL EXISTING UTILITIES SHOWN ARE LOCATED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL FIELD LOCATION AND PROTECTION OF EXISTING UTILITIES. OVERHEAD LINES ARE NOT SHOWN FOR CLARITY.
2. ALL DISTURBED AREAS TO BE REVEGETATED IMMEDIATELY AFTER CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
3. ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY CORNERS, RIGHT OF WAY MONUMENTS, SIGNS OR OTHER STRUCTURES DISTURBED DURING CONSTRUCTION.
5. ALL TRAFFIC AND SIGNAGE CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, MUTCD, CURRENT EDITION.

JOB NO. 2024-09PRJ

REVISION NO.	DATE	DESCRIPTION
1.	9/24/2024	GDOT (TIA) COMMENTS

COVER SHEET

PLOT DATE: October 29, 2024



DEMOLITION NOTES:

1. UTILITY POLES ARE TO REMAIN IN PLACE DURING CONSTRUCTION. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONCRETE SURROUNDING THE BASE OF EACH UTILITY POLE, AS WELL AS ANY MATERIAL BENEATH THE EXISTING CONCRETE AS NEEDED.
2. NO EQUIPMENT SHALL COME WITHIN 10' OF THE OVERHEAD POWER LINES. IN THE EVENT THAT EQUIPMENT ACCESS REQUIRES THAT THE 10' THRESHOLD BE BROKEN, THE CONTRACTOR SHALL CONTACT GEORGIA POWER AND THE ENGINEER OF RECORD FOR FURTHER INSTRUCTION.
3. THE GUY WIRE ANCHORED TO THE EXISTING CONCRETE BEING REMOVED ON THE NORTHERN PORTION OF THE PROJECT LIMITS REQUIRES A TEMPORARY RELOCATION. GEORGIA POWER IS RESPONSIBLE FOR THE RELOCATION EFFORTS OF THIS GUY WIRE AND ANCHOR. CONTRACTOR TO COORDINATE THE RELOCATION EFFORTS WITH GEORGIA POWER.
4. THIS PROJECT REQUIRES STRATEGIC PHASING IN ORDER TO FACILITATE UNINTERUPTED OPERATION OF THE POST OFFICE. SEE PHASING PLAN SHEET C200 FOR DETAILS.

SCALE BAR: 1"= 20'
20 0 10 20 40 80

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 38896 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING 00

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

EAST RAILROAD AVE SIDEWALK

EXISTING CONDITIONS & DEMOLITION PLAN

C100

FILE NO: 2024-09

PLOT DATE: October 29, 2024

PEDESTRIAN ACCESS PLAN:

THE CONTRACTOR WILL BE RESPONSIBLE FOR DEVELOPING A PEDESTRIAN ACCESS PLAN TO ENSURE THAT PEDESTRIAN ACCESS TO ALL STOREFRONTS ALONG THE PROJECT AREA IS MAINTAINED THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. THE FOLLOWING PHASING PLAN PROCEDURE IS AN EXAMPLE OF EFFECTIVELY MAINTAINING ACCESS FOR ONE INDIVIDUAL STOREFRONT, AND HAS BEEN PROVIDED FOR CONTRACTOR USE IN DEVELOPING THE PEDESTRIAN ACCESS PLAN. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT THEIR PEDESTRIAN ACCESS PLAN TO THE ENGINEER OF RECORD FOR REVIEW & APPROVAL PRIOR TO MOBILIZATION.

OVERALL PHASING:

1. IN ORDER TO FACILITATE CONTINUOUS OPERATION OF THE POST OFFICE THROUGHOUT THE CONSTRUCTION PROCESS, AND RESTORE FULL FUNCTION TO THE POST OFFICE IN A TIMELY MANNER, THE CONSTRUCTION ACTIVITIES ARE TO BE DIVIDED INTO 3 PHASES (1, 2, AND 3).
2. EACH PHASE SHALL INCLUDE THE FULL CONSTRUCTION PROCESS ASSOCIATED WITH EACH INDIVIDUAL PHASE AS INDICATED IN THESE PLANS, INCLUDING DEMOLITION.
3. THE LIMITS OF EACH PHASE, REPRESENTED ON THESE PLANS AS THE PHASE LINES, ARE TO BE FENCED OFF DURING THE CONSTRUCTION OF EACH RESPECTIVE PHASES.

PHASE 1:

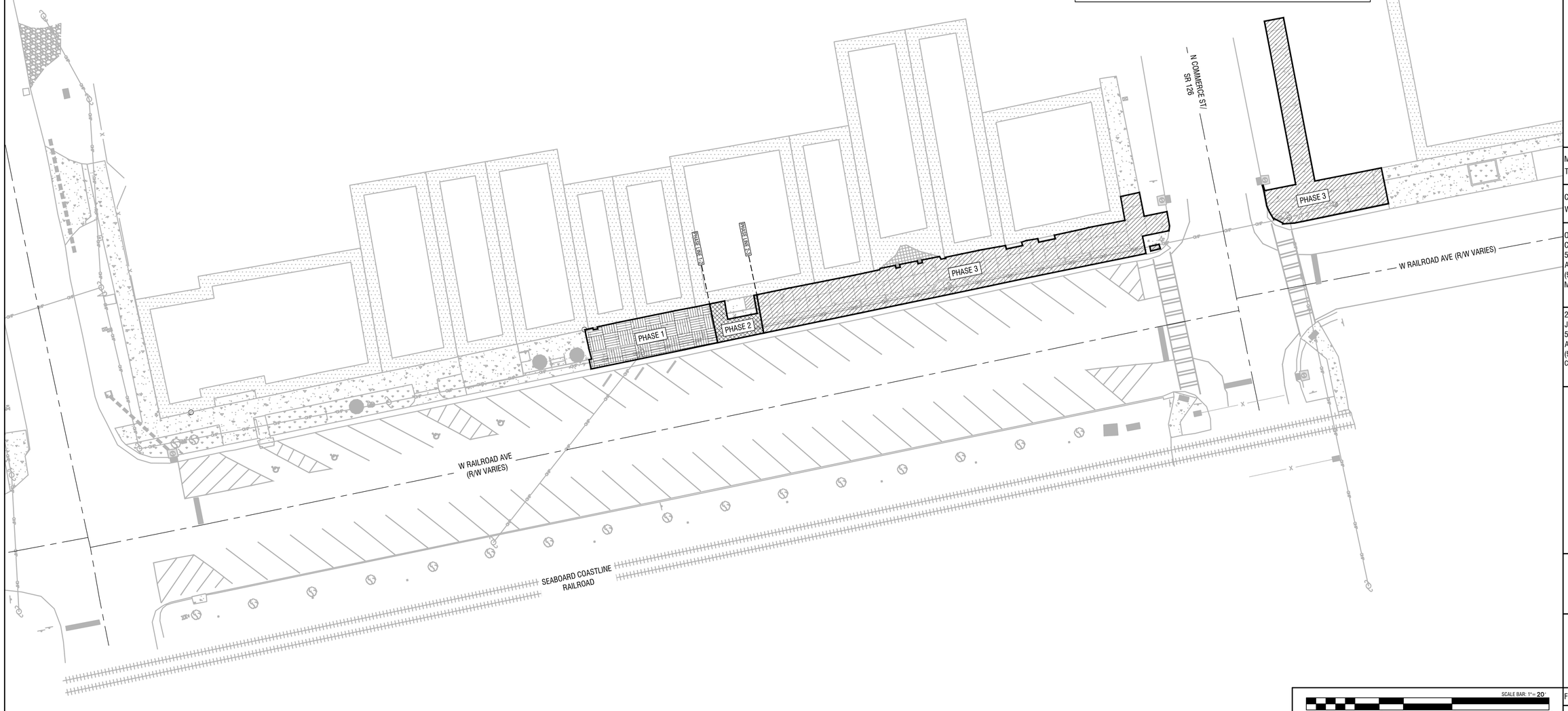
4. THE PHASING LINE FOR PHASES 1 & 2 SHALL BE ESTABLISHED 6 INCHES OFF OF THE DOORFRAME OF THE POST OFFICE DOOR CLOSEST TO THE LITTLE OCMULGEE EMC OFFICE, IN THE DIRECTION OF THE ADA ACCESSIBLE ENTRANCE TO THE POST OFFICE, PROVIDING UNIMPEDED PEDESTRIAN ACCESS TO THE DROP-OFF MAILBOX AND ADA ACCESSIBLE ENTRANCE ON THE NORTH-EASTERN END OF THE POST OFFICE STOREFRONT DURING THE PHASE 1 IMPROVEMENTS.
5. THE PHASE 1 IMPROVEMENTS SHALL INCLUDE FULL CONSTRUCTION OF THE 1ST STAIRWELL, TERMINATING AT THE END OF STAIRWELL #1.
6. THE IMPROVEMENTS OF PHASE 1 ARE TO BE FULLY COMPLETED BEFORE TRANSITIONING TO PHASE 2.

PHASE 2:

7. PHASE 2 INCLUDES THE IMPROVEMENTS TO THE REMAINING AREAS DIRECTLY IN FRONT OF THE POST OFFICE BUILDING AND THE ACCESSIBLE RAMP ENTRANCE TO THE POST OFFICE AS SHOWN ON THE DEMOLITION PLAN SHEET C100.
8. PRIOR TO BEGINNING PHASE 2, THE CONTRACTOR SHALL COORDINATE WITH THE POST OFFICE ON TEMPORARILY RELOCATING THE DROP-OFF MAILBOX TO THE FULLY-CONSTRUCTED PHASE 1 PORTION OF THE PROJECT WHERE IT, ALONG WITH THE POST OFFICE ENTRANCE WITHIN THE PHASE 1 LIMITS, CAN BE OPERATIONAL DURING THE PHASE 2 IMPROVEMENTS.
9. THE IMPROVEMENTS OF PHASE 2 ARE TO BE FULLY COMPLETED BEFORE TRANSITIONING TO PHASE 3.
10. ONCE PHASE 2 HAS BEEN COMPLETED, THE DROP-OFF MAILBOX MAY BE RETURNED TO ITS ORIGINAL LOCATION, AND THE POST OFFICE MAY RESUME STANDARD OPERATION WITH ACCESSIBILITY TO BOTH ENTRANCES.

PHASE 3:

11. THE PHASING LINE FOR PHASES 2 & 3 SHALL CORRESPOND TO THE NORTH-EASTERN EDGE OF THE POST OFFICE BUILDING.
12. PHASE 3 INCLUDES ALL REMAINING IMPROVEMENTS ASSOCIATED WITH THE PROJECT.



SCALE BAR: 1"= 20'
20 0 10 20 40 80

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 38866 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING 08 00

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

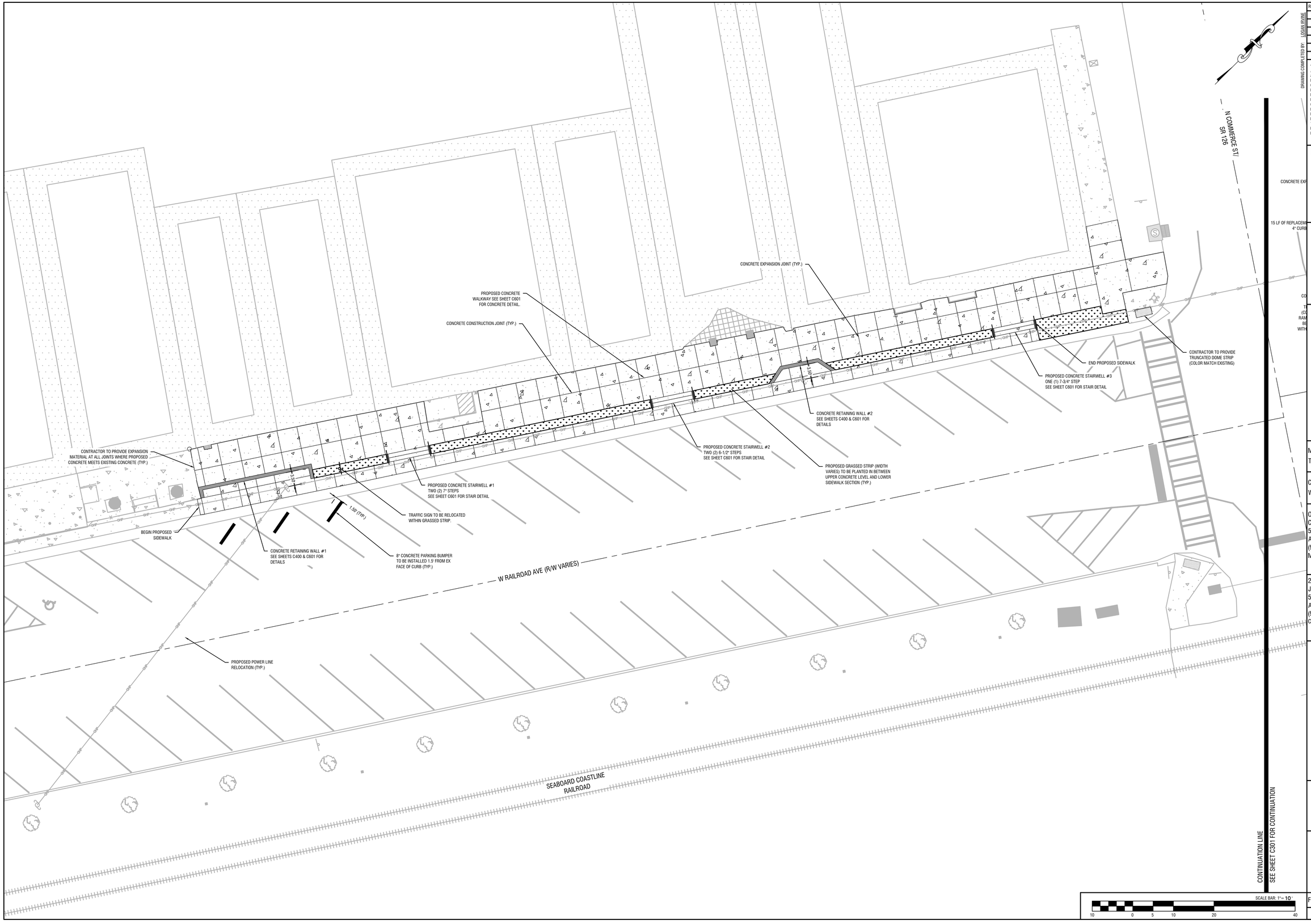
EAST RAILROAD AVE SIDEWALK

PHASING PLAN

C200

FILE NO: 2024-09

PLOT DATE: October 29, 2024



SCALE BAR: 1"= 10'
10 0 5 10 20 40

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 38896 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

ME SACK ENGINEERING

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

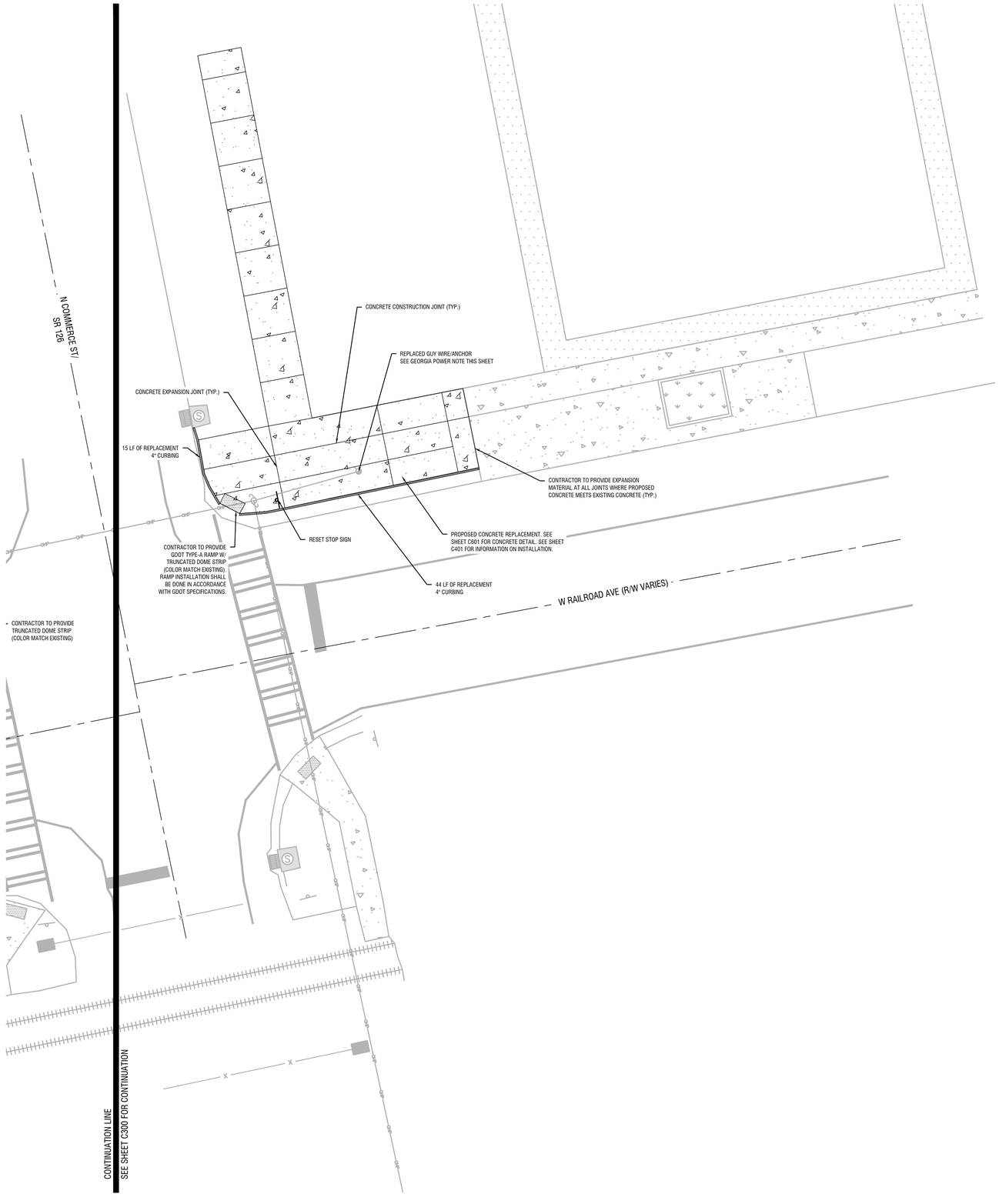
EAST RAILROAD AVE SIDEWALK

SITE PLAN

C300

FILE NO: 2024-09

PLOT DATE: October 29, 2024



GEORGIA POWER - GUY WIRE/ANCHOR NOTE:

1. THE GUY WIRE & ANCHOR SHOWN ON THIS PLAN SHEET ARE ANCHORED INTO THE CONCRETE BEING REPLACED. THE GUY WIRE WILL NEED TO BE TEMPORARILY RELOCATED AND REPLACED ONCE PROPOSED CONCRETE HAS BEEN INSTALLED. GEORGIA POWER SHALL BE RESPONSIBLE FOR THE COST AND PERFORMANCE OF THE TEMPORARY RELOCATION, BUT IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH GEORGIA POWER ON THOSE EFFORTS.

SCALE BAR: 1"= 10 '

10 0 5 10 20 40

DRAWING COMPLETED BY: LOGAN IRVINE

REVISIONS:

1.	GDOT (TIA) COMMENTS

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 36896 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

ME SACK ENGINEERING

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

EAST RAILROAD AVE SIDEWALK

SITE PLAN

C301

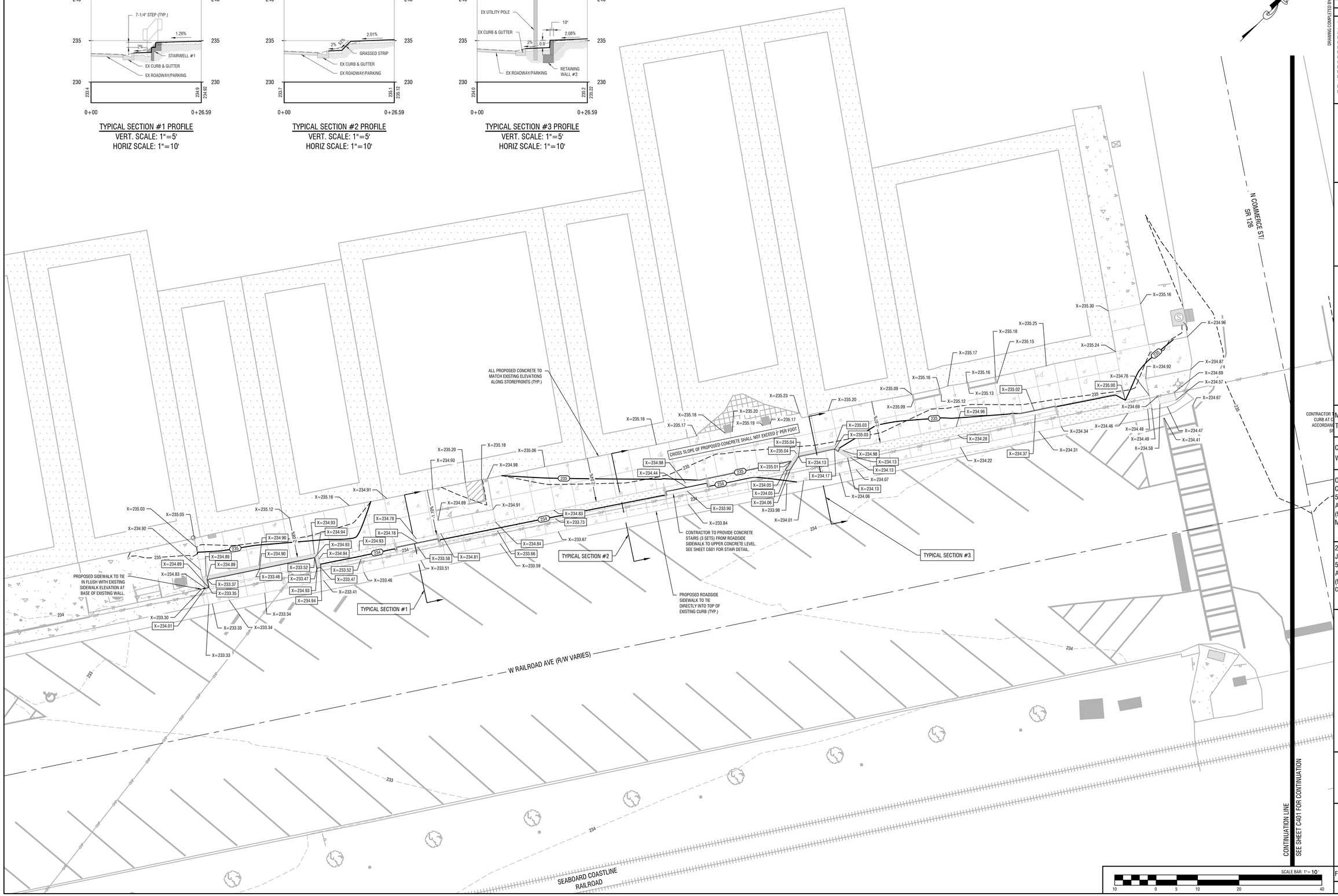
FILE NO: 2024-09

PLOT DATE: October 29, 2024

TYPICAL SECTION #1 PROFILE
VERT. SCALE: 1"=5'
HORIZ SCALE: 1"=10'

TYPICAL SECTION #2 PROFILE
VERT. SCALE: 1"=5'
HORIZ SCALE: 1"=10'

TYPICAL SECTION #3 PROFILE
VERT. SCALE: 1"=5'
HORIZ SCALE: 1"=10'



REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 36599 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING

CONTRACTOR TO CURB AT C ACCORDANC ST

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

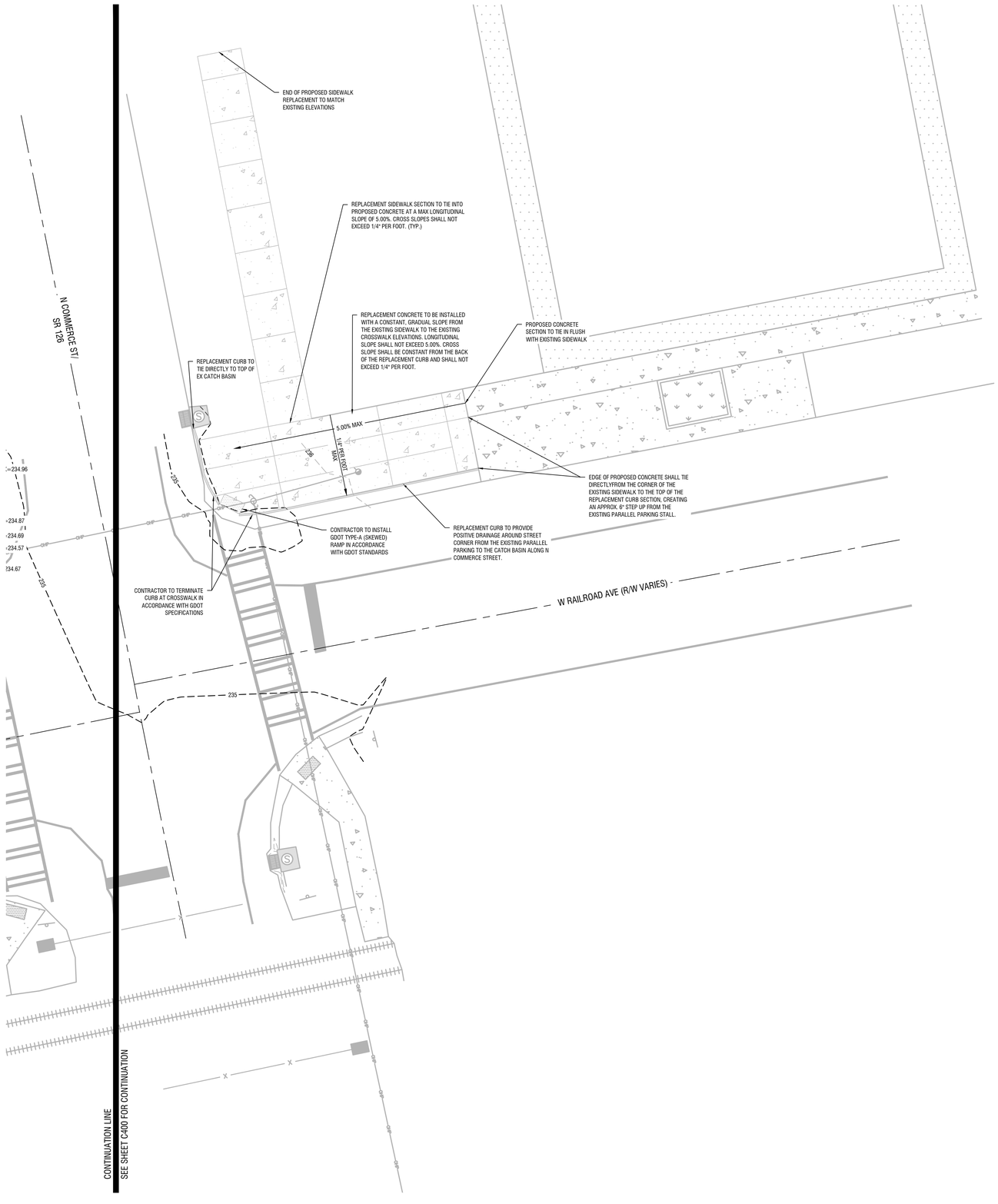
EAST RAILROAD AVE SIDEWALK

GRADING PLAN

C400

FILE NO: 2024-09

PLOT DATE: October 29, 2024



REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 36896 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING 08 18

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

EAST RAILROAD AVE SIDEWALK

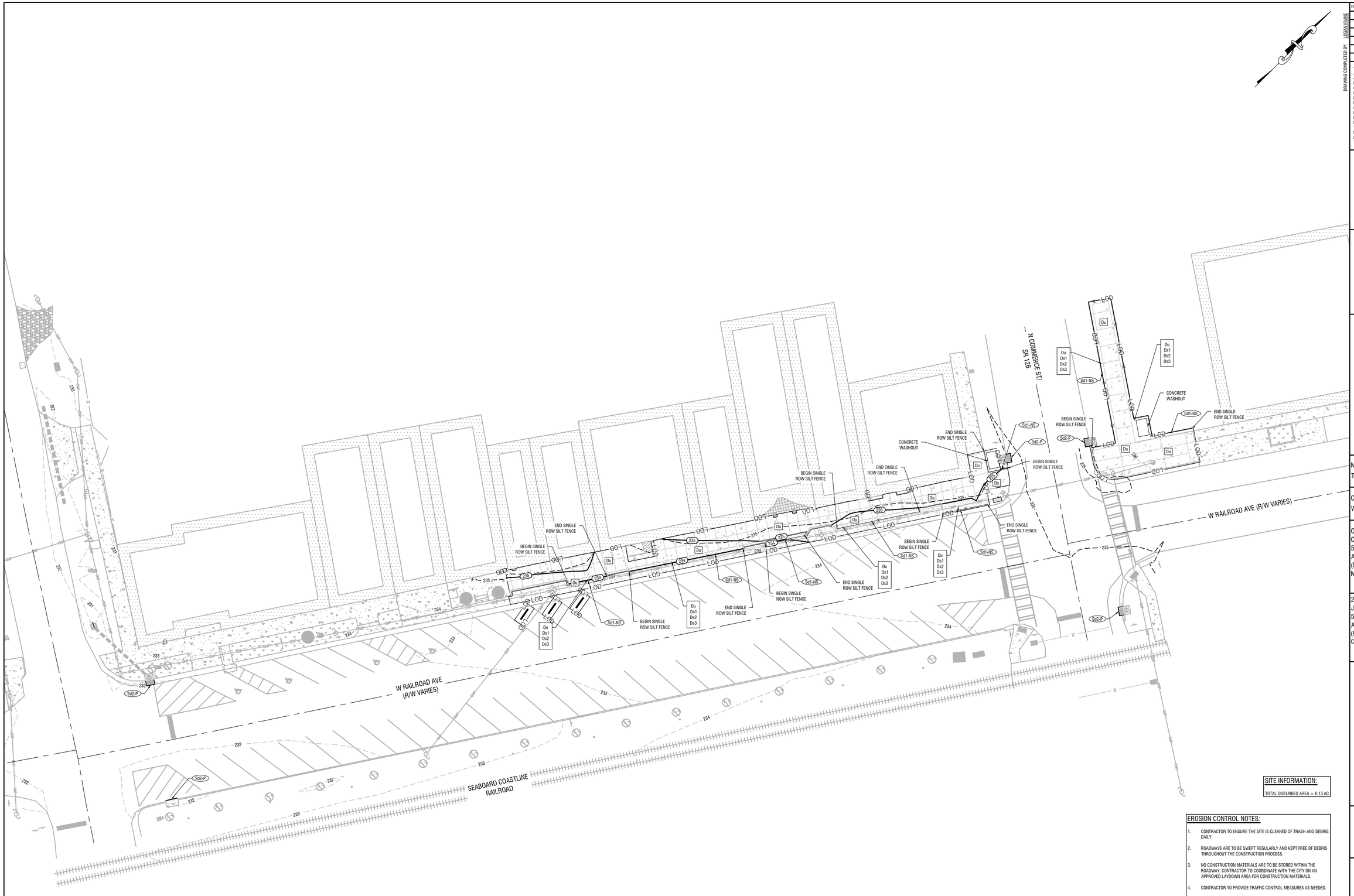
GRADING PLAN

C401

SCALE BAR: 1"= 10 '
10 0 5 10 20 40

FILE NO: 2024-09

PLOT DATE: October 29, 2024



SITE INFORMATION:

TOTAL DISTURBED AREA = 0.13 AC

EROSION CONTROL NOTES:

1. CONTRACTOR TO ENSURE THE SITE IS CLEANED OF TRASH AND DEBRIS DAILY.
2. ROADWAYS ARE TO BE SWEPT REGULARLY AND KEPT FREE OF DEBRIS THROUGHOUT THE CONSTRUCTION PROCESS.
3. NO CONSTRUCTION MATERIALS ARE TO BE STORED WITHIN THE ROADWAY. CONTRACTOR TO COORDINATE WITH THE CITY ON AN APPROVED LAYDOWN AREA FOR CONSTRUCTION MATERIALS.
4. CONTRACTOR TO PROVIDE TRAFFIC CONTROL MEASURES AS NEEDED.
5. SEE SHEET C600 FOR EROSION CONTROL DETAILS.

SCALE BAR: 1"= 20'

20 0 10 20 40 80

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 38896 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING 08

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

EAST RAILROAD AVE SIDEWALK

EROSION CONTROL PLAN

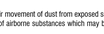
C500

FILE NO: 2024-09

PLOT DATE: October 29, 2024

GEORGIA
UNIFORM CODING SYSTEM
FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION			A roadway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Fr	FILTER RING			A temporary stone barrier constructed at storm drain inlets and pond outlets.
Ga	GABION			Rock filter baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL			A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETRO FITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
Sk	FLOATING SURFACE SKIMMER			A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
Spb	SEEP BERM			Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tc	TURBIDITY CURTAIN			A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Tp	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.

VEGETATIVE PRACTICES

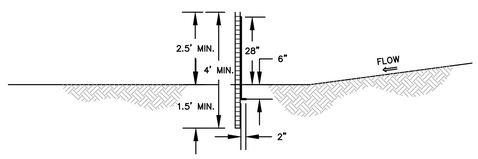
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are denuded artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SODDING)			A permanent vegetative cover using sods on highly erodable or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Fl-Co	FLOCCULANTS AND COAGULANTS			Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)			The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Tac	TACKIFIERS AND BINDERS			Substance used to anchor straw or hay mulch by causing the organic material to bind together.

GaSWCC (Amended – 2013)

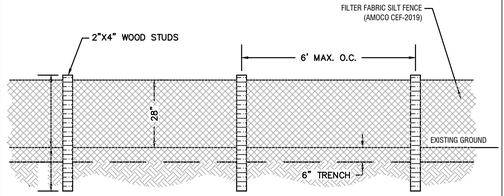
SILT FENCE - TYPE NON-SENSITIVE

Sd1-NS

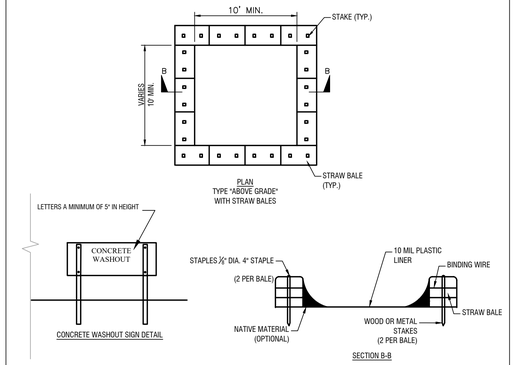
SIDE VIEW



FRONT VIEW



CONCRETE WASHOUT

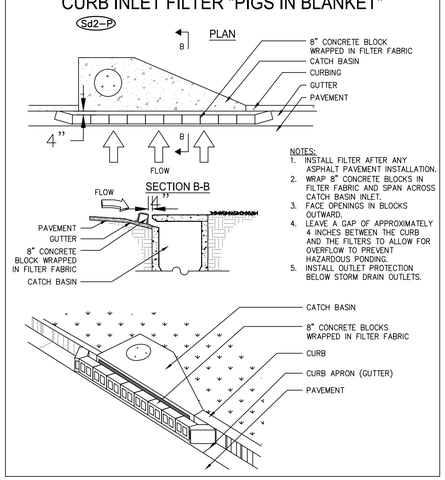


NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

CURB INLET FILTER "PIGS IN BLANKET"

Sd2-P



NOTES:

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

Du DUST CONTROL ON DISTURBED AREAS

PURPOSE

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

Temporary Methods

1. Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet.
2. Mulching - See Ds1- Disturbed Area Stabilization (with Mulching only)
3. Vegetative Cover - See Ds2 - Disturbed Area Stabilization

Permanent Methods

1. Permanent Vegetation - See Ds3 - Disturbed Area Stabilization (with Permanent Vegetation)

MULCHING RATES FOR PERMANENT COVER

TYPE OF MULCH	RATE PER ACRE	NOTES
Dry straw	2 Tons	Free of weed seeds
Dry hay	2.5 Tons	Free of weed seeds
Wood Cellulose	500 lbs. 1000 lbs.	Slope less than 3/4:1 Slope greater than 3/4:1
Wood Pulp Fiber	500 lbs. 1000 lbs.	Slope less than 3/4:1 Slope greater than 3/4:1
Sericea Lespedeza Hay	3 Tons	Containing mature seeds
Pine Straw or Bark	3 inches thick	For bedding Not for seeding
Bituminous treated roving	See DOT specs.	Use on slopes, in ditches, or dry waterways.

1. Mulching is not required for temporary grassing.
2. Mulch shall be applied to cover 75% of the soil surface.
3. Sod does not require mulch.

FERTILIZER REQUIREMENTS

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT	RATE	N TOP DRESSING RATE	LIME APPLICATION
Cool Season Grasses	First Second Maintenance	6 - 12 - 12 6 - 12 - 12 10 - 12 - 12	1500 lbs/ac 1000 lbs/ac 400 lbs/ac	50 - 100 lbs/ac 1*2* -- 30	2000 lbs/ac
Cool Season Grasses and Legumes	First Second Maintenance	6 - 12 - 12 0 - 10 - 10 0 - 10 - 10	1500 lbs/ac 1000 lbs/ac 400 lbs/ac	0 - 50 lbs/ac 1* -- --	2000 lbs/ac
Ground Covers	First Second Maintenance	10 - 10 - 10 10 - 10 - 10 10 - 10 - 10	1500 lbs/ac 1000 lbs/ac 400 lbs/ac	-- -- --	--
Pine Seedings	First.	20 - 10 - 5	one 21-gram pallet per seeding placed in the closing hole	--	--
Shrub Leapedeza	First Maintenance	0 - 10 - 10 0 - 10 - 10	700 lbs/ac 700 lbs/ac 4*	--	--
Temporary Cover Crops Seeded Clone	First.	10 - 10 - 10	500 lbs/ac	30 lbs/ac 5*	--
Warm Season Grasses	First Second Maintenance	6 - 12 - 12 6 - 12 - 12 10 - 10 - 12	1500 lbs/ac 800 lbs/ac 400 lbs/ac	50 - 100 lbs/ac 2*6* 50 - 100 lbs/ac 2*6* 30 lbs/ac	2000 lbs/ac
Warm Season Grasses and Legumes	First Second Maintenance	6 - 12 - 12 0 - 10 - 12 0 - 10 - 12	1500 lbs/ac 1000 lbs/ac 400 lbs/ac	50 lbs/ac 6*	2000 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 height of 2 to 4 inches.

Ds1 DISTURBED AREA STABILIZATION (W/MULCHING ONLY)

SPECIFICATIONS

A. For temporary protection of critical areas without seeding.
This standard applies to grades or cleared areas which may be subjected to erosion for 6 months or less, where seeding may not have a suitable growing season to produce an erosion retardant cover, but which can be stabilized with a mulch cover.

Site Preparation

1. Grade, as needed and feasible, to permit the use of equipment for applying and anchoring mulch.
2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.
3. As needed and feasible, loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

1. Dry straw or hay - spread at a rate of 2 1/2 tons per acre.
2. Wood waste, chips, sawdust or bark - spread 2 to 3 inches deep (about 6 to 9 tons per acre).
3. Erosion control matting or netting, such as excelsior, jute, textile and plastic matting and netting - applied in accordance with manufacturers recommendations.
4. Polyethylene film - secured over banks or stockpiled soil material for temporary protection.

Applying and Anchoring Mulch

1. Apply straw or hay mulch uniformly by hand or mechanically. Anchor as appropriate and feasible. It may be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." The disk may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. the edges of the disk should be dull enough not to cut the mulch but press it into the soil leaving much of it in an erect position.
Straw hay mulch spread with special blower-type equipment may be anchored with emulsified asphalt (Grade AE-5 or SS-1). The asphalt emulsion must be sprayed onto the mulch as it is ejected from the machine. Use 100 gallons of water per
2. Spread wood waste uniformly on slopes that are 3:1 and flatter. No anchoring is needed.
3. Commercial matting and netting. Follow manufacturer's specification included with the material.

B. To conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bar areas on lawns.

Mulching Materials

Use one of the materials given below and apply at thickness indicated.

Material	Depth
1. Grain straw or grass hay	6" to 10"
2. Pine needle	4" to 6"
3. Wood waste (sawdust, bark, chips)	4" to 8"
4. Shredded residues (crops, leaves, etc.)	4" to 8"

5. Completely cover area with black polyethylene film and hold in place by placing soil on the outer edge.

When using organic mulches, apply 20-30 pounds of nitrogen in addition to the normal amount needed for plant growth to offset the tie up of N by decomposition of mulch.

Ds2 SPECIES AND PLANTING SCHEDULE

SPECIES	BROADCAST RATES (1) PER ACRE	BROADCAST RATES (1) PER 1000 Sq.Ft.	PLANTING DATES BY RESOURCE AREAS (3) J F M A M J J A S O N D	REMARKS
RYEGRASS, ANNUAL ALONE	40 lbs.	0.9 lbs.	M-L P C	227,000 SEED PER POUND. DENSE COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.

Ds3 SPECIES AND PLANTING SCHEDULE

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	PER 1000 S.F.	PLANTING DATES BY RESOURCE AREAS * 3/ J F M A M J J A S O N D	SPECIFICATIONS
BERMUDA, COMMON (CYNODON DACTYLON) HULLED SEED ALONE	10 LBS.	0.2 LB.	P P	1,787,000 SEED PER POUND. QUICK COVER, LOW GROWING AND SOD FORMING. FULL SUN. GOOD FOR ATHLETIC FIELDS.
WITH OTHER PERENNIALS	6 LBS.	0.1 LB.		
BERMUDA, COMMON (CYNODON DACTYLON) UNHULLED SEED WITH TEMPORARY COVER	10 LBS.	0.2 LB.	P P	PLANT WITH WINTER ANNUALS.
WITH OTHER PERENNIALS	6 LBS.	0.1 LB.		PLANT WITH TALL FESCUE.
BERMUDA SPRIGS (CYNODON DACTYLON) COASTAL, COMMON, MIDLAND, OR TIFT 44	40 CU. FT. OR SOD PLUGS 3' x 3'	0.9 CU.FT.	P P	A CUBIC FT. CONTAINS APPROXIMATLY 650 SPRIGS. A BUSHEL CONTAINS 1.25 C.F. OR APPROXIMATLY 800 SPRIGS.
COASTAL, COMMON, OR TIFT 44			P	SOUTHERN COASTAL PLAIN ONLY

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
(2) M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
P REPRESENTS THE SOUTHERN PIEDMONT MLRA
C REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
(3) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL.: (912) 368-5212

GEORGIA REGISTERED No. 33999 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

M.E. SACK ENGINEERING

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

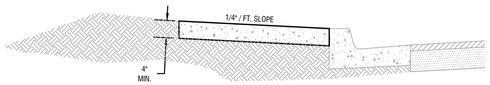
EAST RAILROAD AVE SIDEWALK

DETAILS

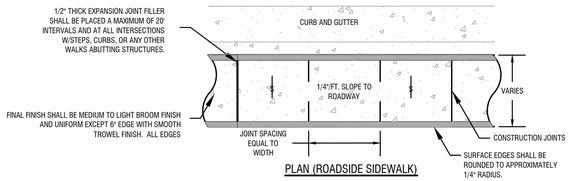
C600

FILE NO: 2024-09

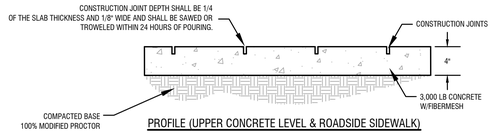
PLOT DATE: October 29, 2024



SECTION (ROADSIDE SIDEWALK)



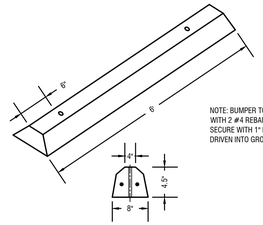
PLAN (ROADSIDE SIDEWALK)



PROFILE (UPPER CONCRETE LEVEL & ROADSIDE SIDEWALK)

TYPICAL SIDEWALK DETAIL

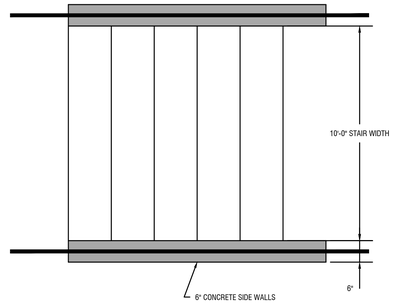
N.T.S.



NOTE: BUMPER TO BE 4500 PSI CONCRETE WITH 2 #4 REBAR REINFORCEMENT. SECURE WITH 1" DIA G.I. PIPE @ EA END DRIVEN INTO GROUND.

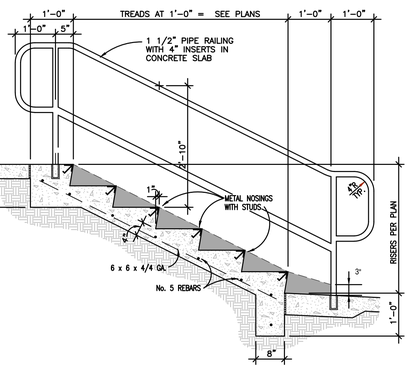
PARKING BUMPER

N.T.S.



PLAN

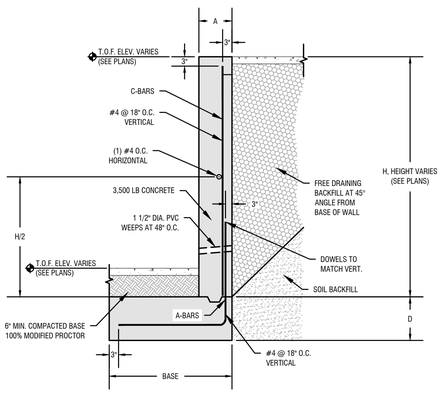
STAIRCASE # (PER PLANS)	RISER HEIGHT (IN.)	# OF RISERS
#1	7-1/4"	2
#2	6-1/2"	2
#3	7-3/4"	1



SECTION

STAIR DETAIL

N.T.S.



SECTION AT DUMPSTER RETAINING WALL

N.T.S.

RETAINING WALL SCHEDULE								
CONCRETE DIMENSIONS (FT. & IN.)					REINFORCEMENT			
H	A	C	BASE	D	A-BARS	B-BARS	C-BARS	D-BARS
<2'-0"	10"	—	2'-6"	1'-0"	#4 @ 18"	—	#4 @ 18"	—

REVISIONS:

1.	GDOT (TIA) COMMENTS

DRAWING COMPLETED BY: LOGAN IRVINE

DESIGN PROFESSIONAL:
MARCUS E. SACK
GSWCC LEVEL II # 70248
EXPIRES: 06/14/2026
MARCUS@MESACK.COM

515 NORTH MAIN STREET
P.O. BOX 649
HINESVILLE, GA 31313
TEL: (912) 368-5212

GEORGIA REGISTERED No. 36899 PROFESSIONAL ENGINEER MARCUS E. SACK

DATE: 10/29/2024

ME SACK ENGINEERING 08 YRS

MUNICIPALITY:
THE CITY OF ALAMO

COUNTY:
WHEELER

OWNER:
CITY OF ALAMO
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
MAYOR@CITYOFALAMO.US

24 HOUR CONTACT:
JEFFERY FLOYD
5 WEST MAIN STREET
ALAMO, GA 30411
(912) 568-7153
CITYMANAGER@CITYOFALAMO.US

EAST RAILROAD AVE SIDEWALK

DETAILS

C601

FILE NO: 2024-09

PLOT DATE: October 29, 2024