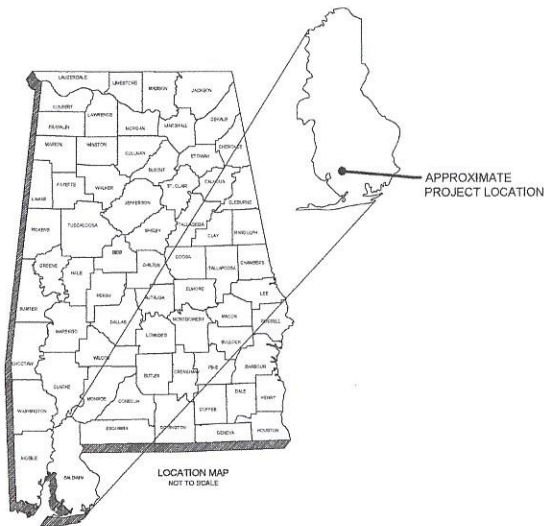


MAGNOLIA ENTRANCE FACILITY - SCALES

FOR BALDWIN COUNTY

MAGNOLIA LANDFILL
SUMMERDALE, AL

March 2023



BALDWIN COUNTY COMMISSION

DISTRICT 1
HONORABLE JAMES E. (JEB) BALL

DISTRICT 2
HONORABLE JOE DAVIS, III

DISTRICT 3
HONORABLE BILLIE JO UNDERWOOD

DISTRICT 4
HONORABLE CHARLES F. (SKIP) GRUBER

SOLID WASTE DIRECTOR
TERRI GRAHAM

DEPUTY DIRECTOR
ED FOX

INDEX TO SHEETS	
Sheet Number	Sheet Title
—	TITLE SHEET
C-102	NOTES AND LEGEND
C-301	SITE LAYOUT AND GRADING PLAN

SITE ADDRESS:

MAGNOLIA LANDFILL
15140 CO RD 49
SUMMERDALE, AL 36580

DRAFT	ASHTEN G. SANDERS
	DATE _____



ANDALUSIA, AL GADSDEN, AL
AUBURN, AL HOOVER, AL
DOTHAN, AL HUNTSVILLE, AL

CDG PROJECT NUMBER: R079321638

PROJECT NOTES

GENERAL NOTES:

- CDG INC. (CDG) SHALL NOT HAVE AUTHORITY OVER THE SITE OR BUILDING CONTRACTOR'S WORK OR RESPONSIBILITIES. CDG IS NOT RESPONSIBLE FOR SITE SAFETY PROCEDURES OR METHODS OF CONSTRUCTION. IF ANY OF THESE IMPROVEMENTS SHALL REMAIN UNLESS SPECIFICALLY NOTED HEREON. UPON FIELD VERIFICATION, IF ANY OF THESE IMPROVEMENTS CONFLICT WITH PROPOSED DESIGN, CONSULT WITH CDG PRIOR TO REMOVAL.
- CDG INC. (CDG) SHALL NOT BE RESPONSIBLE FOR ERRORS AND OMISSIONS RESULTING FROM DESIGN MODIFICATIONS MADE AFTER THE RECORD DATE OF THESE PLANS SHOWN HEREON. ADJUSTMENTS TO THESE PLANS MAY BE NECESSARY. PRIOR OWNER RECORDS THE CONTRACTOR IS RESPONSIBLE FOR THE PURCHASE OF A CONTRACTOR'S LICENSE AND BUSINESS LICENSE FROM THE CITY AND / OR COUNTY AS APPLICABLE, AS WELL AS ALL OTHER LICENSES AND PERMITS REQUIRED FOR COMPLETION OF THE WORK.
- EXCEPT FOR EMERGENCY WORK, WORK SHALL NOT BE PERFORMED ON SATURDAY, SUNDAY, OR ANY LEGAL HOLIDAY WITHOUT APPROVAL OF THE OWNER AND ENGINEER. WORK SHALL OCCUR DURING REASONABLE DAY-TIME HOURS. REQUESTS FOR DEVIATIONS FROM THIS SCHEDULE SHALL BE MADE TO THE ENGINEER ON A CASE-BY-CASE BASIS A MINIMUM OF 72 HOURS PRIOR, EXCEPT FOR EMERGENCIES, IN WHICH CASE NO SUCH APPROVAL IS REQUIRED.
- THE CONTRACTOR SHALL, AT A MINIMUM, COMPLETE SATISFACTORY ROUGH GRADING, ROCK REMOVAL, AND TEMPORARY SEEDING NO LATER THAN 15 DAYS FOLLOWING INITIAL GROUND DISTURBANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-GRADING, FERTILIZATION, WATERING, AND RE-SEEDING AS REQUIRED TO ESTABLISH AND MAINTAIN TEMPORARY GRASSING SUITABLE TO PROPERLY MITIGATE EROSION. PERFORMANCE OF INITIAL ROUGH GRADING AND ESTABLISHMENT OF TEMPORARY GRASSING SHALL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO PERFORM THE REQUIRED FINE GRADING, TOPSOIL PLACEMENT, ESTABLISHMENT OF PERMANENT GRASSING, AND OTHER RESTORATION AS REQUIRED BY THE CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTATION OF EXISTING CONDITIONS PRESENT WITHIN AND ADJACENT TO THE CONSTRUCTION AREA. DOCUMENTATION OF EXISTING CONDITIONS SHALL CONSIST OF DATE-STAMPED VIDEO, PHOTOGRAPHS, AND WRITTEN RECORDS. COPIES OF ALL DOCUMENTATION SHALL BE DELIVERED TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. ACTIVITIES, DOCUMENTATION OF EXISTING CONDITIONS IS REQUIRED TO AVOID CLAIMS FOR DAMAGE TO PROPERTY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS ACTIVITIES IN THE PROJECT AREA, WHETHER ON PUBLIC OR PRIVATE PROPERTY. DAMAGE SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS OR BETTER, AND TO THE SATISFACTION OF THE ENGINEER AND LAND OWNER(S). REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITY IN THE PROJECT AREA WITH THE COUNTY, CITY, AND STATE, AS APPLICABLE.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS AS TO NOT DISTURB PROPERTY CORNER/ROW MARKERS AND BENCHMARKS. IF SUCH BE THE CONTRACTOR'S RESPONSIBILITY, INCLUDING ANY REQUIRED SURVEYING, TO REPLACE ANY DISTURBED MARKERS AND/OR MONUMENTS.
- WHERE APPLICABLE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL IN ACCORDANCE WITH THE REQUIREMENTS OF PART 6 OF THE MUTCD, LATEST EDITION, AND IN ACCORDANCE WITH ANY ATTACHED TRAFFIC CONTROL PLAN.
- UNLESS APPROVED IN ADVANCE BY THE ENGINEER, THE CONTRACTOR SHALL MAINTAIN ACCESS FOR THE TRAVELING PUBLIC, EMERGENCY, AND SCHOOL VEHICLES AT ALL TIMES ALONG ALL CITY, COUNTY, AND STATE RIGHTS OF WAY. IF A ROAD CLOSURE IS ALLOWED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SUCH CLOSURES WITH CITY, COUNTY, AND OR STATE AGENCIES, AND EMERGENCY AGENCIES, IN ACCORDANCE WITH THOSE PARTIES' REQUIREMENTS.
- DRIVEWAYS WHICH MAY HAVE BEEN CUT OR OTHERWISE DAMAGED DURING THE CONSTRUCTION ACTIVITIES SHALL BE MAINTAINED IN A USABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL MAKE A REASONABLE EFFORT TO RE-OPEN DRIVEWAYS AS SOON AS POSSIBLE. IN NO CASE SHALL DRIVEWAYS BE CLOSED OVERNIGHT.
- ALL EQUIPMENT SHALL BE PARKED AND ALL MATERIALS SHALL BE STORED AT LOCATION OUTSIDE THE PUBLIC RIGHT OF WAY AT A LOCATION OF THE CONTRACTOR'S CHOOSING. PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE FROM THE OWNER OF SUCH PARKING AND STORAGE AREAS, THAT THE AREAS HAVE BEEN RESTORED TO LAND OWNER'S SATISFACTION, AND THE TERMS ASSOCIATED WITH ANY SUCH ARRANGEMENTS HAVE BEEN SATISFIED.
- EXISTING DRAINAGE SYSTEMS SHALL REMAIN FULLY OPEN THROUGHOUT THE PROJECT DURATION. ANY DISTURBANCE OR DAMAGE TO EXISTING DRAINAGE SYSTEMS AND STRUCTURES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND THE CITY, COUNTY, AND/OR STATE AT NO ADDITIONAL COST TO THE OWNER.
- EXCEPT FOR WHERE THE PLANS STATE OTHERWISE, OR THE PLANS REQUIRE TEMPORARY CONSTRUCTION FENCING TO BE INSTALLED, EXISTING FENCES SHALL NOT BE REMOVED, RELOCATED, OR OTHERWISE DAMAGED DURING THE CONSTRUCTION ACTIVITIES. REMOVED, RELOCATED, OR DAMAGED FENCES SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AND LAND OWNER AT NO ADDITIONAL COST TO THE OWNER.
- RESIDENTS AND BUSINESS SHALL NOT BE LEFT WITHOUT MAIL SERVICE. IF A MAILBOX MUST BE MOVED TO FACILITATE CONSTRUCTION, IT SHALL BE TEMPORARILY AND SATISFACTORILY RELOCATED AS CLOSE AS PRACTICABLE TO ITS ORIGINAL LOCATION, AND IN ACCORDANCE WITH UNITED STATES POST OFFICE GUIDELINES FOR MAILBOX PLACEMENT.
- JOB SITE SHALL BE CLEANED ON A DAILY BASIS. THE CONTRACTOR SHALL RESTORE ALL AREAS, WHETHER PUBLIC OR PRIVATE, AS SOON AS PRACTICABLE FOLLOWING COMPLETION OF PARTICULAR CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL REPAIR ALL EXCAVATED AREAS, BACKFILLS, EMBANKMENTS, TRENCHES, AND DITCHES WHICH MAY HAVE SETTLED AT NO ADDITIONAL COST TO WALNUT HILL WATER AUTHORITY UNTIL FINAL ACCEPTANCE OF THE PROJECT AND THROUGHOUT THE WARRANTY PERIOD. ALL SUCH AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
- UNLESS NOTED OTHERWISE, NO ADDITIONAL PAYMENT SHALL BE MADE FOR ROCK EXCAVATION AND REMOVAL. BIDDER MAY MAKE THEIR OWN INVESTIGATION AS TO THE AMOUNT AND CHARACTER OF ROCK WHICH MAY NEED TO BE REMOVED. ALL COSTS FOR ROCK EXCAVATION SHALL BE CONSIDERED TO HAVE BEEN INCURRED IN THE VARIOUS PAY ITEMS IN THE PROPOSAL. ANY INFORMATION PROVIDED CONCERNING THE DEPTH TO AND/OR CHARACTER OF ROCK PRESENT, IS PROVIDED FOR THE CONVENIENCE OF THE BIDDER AND CONTRACTOR AND SHALL NOT BE USED AS THE BASIS FOR CLAIMS FOR ADDITIONAL PAYMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL GRASSED AREAS AT ITS EXPENSE UNTIL FINAL ACCEPTANCE AND THROUGHOUT THE WARRANTY PERIOD. MAINTENANCE OF GRASSED AREAS SHALL INCLUDE RE-GRADING, RE-FERTILIZATION, RE-SEEDING, WATERING, AND ANY OTHER WORK AS REQUIRED, TO PRODUCE AND KEEP THE GRASS IN A CONDITION ACCEPTABLE TO THE ENGINEER AND LAND OWNER.

UTILITY NOTES:

- EXISTING UTILITIES ARE DEPICTED BASED ON FOUR (4) "QUALITY LEVELS" DEFINED AS FOLLOWS:
 - QUALITY LEVEL A - HORIZONTAL AND VERTICAL LOCATION OBTAINED BY ACTUAL EXPOSURE AND MEASUREMENT OF THE UTILITY AT A SPECIFIC POINT.
 - QUALITY LEVEL B - APPROXIMATE LOCATION OBTAINED FROM SURFACE GEOPHYSICAL METHODS. NO DEPTH INFORMATION INCLUDED.
 - QUALITY LEVEL C - APPROXIMATE LOCATION SURVEYED AND PLOTTED BASED ON VISIBLE ABOVE-GROUND UTILITY FEATURES.
 - QUALITY LEVEL D - INFORMATION DERIVED FROM EXISTING RECORDS AND/OR ORAL RECOLLECTIONS.
- ALL UTILITIES ARE DEPICTED AT "QUALITY LEVEL B" UNLESS INDICATED OTHERWISE AND LABELED AS "QL-C" OR "QL-D".
- ANY "QUALITY LEVEL A" ELEVATIONS PROVIDED ARE FROM THE TOP OF THE UTILITY AT THE APPROXIMATE LOCATION SHOWN, UNLESS OTHERWISE NOTED.

- NEITHER THE OWNER NOR THE ENGINEER MAKES ANY EXPRESSED OR IMPLIED GUARANTEE OF THE ACCURACY OF UTILITIES SHOWN OR ANY GUARANTEE THAT ALL UTILITIES LOCATED WITHIN THE CONSTRUCTION AREA ARE SHOWN HEREIN.
- THE CONTRACTOR SHALL CALL ALABAMA ONE CALL AT 811 FOR UTILITY MARKING PRIOR TO COMMENCING CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COORDINATE ALL WORK ADJACENT TO EXISTING UTILITY POLES AND GUY WIRES WITH THE LOCAL POWER COMPANY. THE CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY TO HOLD SAID UTILITY POLES/GUY WIRES DURING BORING OR OPEN CUT OPERATIONS. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL COORDINATE ALL TIE-INS, CONNECTIONS, OUTAGES, AND VALVING OPERATIONS WITH THE UTILITY OWNER. THE CONTRACTOR SHALL GIVE 72 HOURS NOTICE TO THE UTILITY OWNER OF WHEN SUCH OPERATIONS ARE TO TAKE PLACE.
- THE CONTRACTOR SHALL COORDINATE WITH AND PROVIDE REASONABLE NOTICE TO RESIDENTS AND BUSINESSES OF UTILITY SERVICE OUTAGES PRIOR TO BEGINNING SUCH OPERATIONS. NO RESIDENT OR BUSINESS SHALL BE LEFT WITH OUT SERVICE OVERNIGHT.
- ALL NEW MAINS SHALL BE INSTALLED AT LEAST 36" BELOW THE SURFACE. AT LOCATIONS WHERE THE REQUIRED MAIN IS TO CROSS AN EXISTING UTILITY, THE MAIN SHALL BE PLACED A MINIMUM OF 24" ABOVE OR BELOW THE EXISTING MAIN, BUT NO LESS THAN 36" BELOW THE SURFACE.
- RECORD DRAWINGS OF ALL MAIN AND SERVICE LINE INSTALLATIONS SHALL BE PROVIDED BY THE CONTRACTOR. THESE DRAWINGS SHALL INCLUDE HORIZONTAL LOCATIONS OF LINES AND VALVES, AS WELL AS VERTICAL LOCATIONS OF ANY MAINS INSTALLED DEEPER THAN THE STANDARD 36" DEPTH. DRAWINGS SHALL BE PROVIDED IN A GIS SHAPEFILE FORMAT TO THE ENGINEER AND TO ALOD.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATIONS WITH THE LOCAL UTILITIES. CONTACT WITH EACH UTILITY SHOULD BE MADE BEFORE ANY CONSTRUCTION BEGINS ON THIS PROJECT.
- COORDINATE ALL ELECTRICAL IMPROVEMENTS TO AVOID CONFLICT WITH PROPOSED DESIGN AND EXISTING UTILITIES. ENGINEER SHALL APPROVE FINAL POLE LOCATIONS.

SITE NOTES:

- IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE CONSTRUCTION LAYOUT AND GRADE STAKING. CDG WILL PROVIDE ELECTRONIC DESIGN FILES IN DWG FORMAT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL BENCHMARKS AND PROPERTY CORNERS. ANY REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO CONSTRUCT THIS PROJECT. ALL PERMITS MUST BE IN HAND PRIOR TO CONSTRUCTION.
- ALL ADA ACCESSIBLE ROUTES, PARKING, RAMP'S, CROSSWALKS, SIGNS, SYMBOLS, AND PAINTED ISLANDS MUST CONFORM TO THE LATEST ADA REQUIREMENTS.
- TOPOGRAPHICAL (HORIZONTAL ONLY) AND CONTROL (HORIZONTAL AND VERTICAL) SURVEYS PERFORMED BY CDG.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- NOTIFY ENGINEER IMMEDIATELY IF ANY ERRORS AND OMISSIONS ARE FOUND.
- HORIZONTAL AND VERTICAL DATUMS USED IN DESIGN ARE NAD83 AL STATE PLANE WEST AND NAVD83 RESPECTIVELY.
- NO GRADING OFF-SITE OR IN ANY ROAD RIGHT-OF-WAY WITHOUT PROPER APPROVALS.
- ALL GRADING ADJACENT TO EXISTING OR PROPOSED BUILDINGS SHALL BE SLOPED AWAY FROM THE STRUCTURES. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM THE STRUCTURES. NOTIFY CDG OF ANY DISCREPANCIES.
- PROPOSED GRADES INDICATED ON THIS PLAN ARE TO FINISH GRADE. THE CONTRACTOR SHALL MAKE SUBGRADE ADJUSTMENTS FOR TOPSOIL, PAVEMENT, BUILDING PAD, ETC.

EROSION AND SEDIMENT CONTROL NOTES:

- SITE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS, CODES, AND REGULATIONS.
- THE LANDFILL SITE HAS AN NPDES PERMIT GOVERNING THE CONSTRUCTION OF THE PROJECT (PERMIT NO. AL009245). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MONITORING, INSPECTIONS, ETC. TO ENSURE THE OWNER THAT THE SITE IS AT ALL TIMES IN ACCORDANCE WITH ADEQ RULES AND REGULATIONS.
- ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED UNTIL PROJECT COMPLETION.
- THE CONTRACTOR SHALL PROVIDE A BMP PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY INSTALLING AND MAINTAINING SUFFICIENT EROSION CONTROL MEASURES AS MAY BE REQUIRED TO PREVENT SEDIMENT FROM DISCHARGING FROM THE SITE, AND IN COMPLIANCE WITH ANY PERMITS AND CLMPP.
- ALL DISTURBED AREAS THAT DO NOT RECEIVE WORK FOR 15-DAYS SHALL BE TEMPORARY SEEDED AND MULCHED.

	LEGEND	
	EXISTING	PROPOSED
UTILITIES		
POWER POLE		
LIGHT POLE		
TELEPHONE POLE		
ANCHOR		
STUB (POWER)		
STUB (TELEPHONE)		
ELECTRIC METER		
BURIED ELECTRIC CABLE		
OVERHEAD ELECTRIC CABLE		
ELECTRIC MANHOLE		
ELECTRIC TRANSFORMER		
TOWER		
TELEPHONE PEDESTAL		
BURIED TELEPHONE CABLE		
OVERHEAD TELEPHONE CABLE		
BURIED FIBER OPTIC		
TELEPHONE MANHOLE		
WATER MAIN		
WATER VALVE		
FIRE HYDRANT		
WATER METER		
GAS MAIN		
GAS VALVE		
GAS REGULATOR		
SANITARY SEWER		
FORCE MAIN		
SEWER MANHOLE		
AIR/VACUUM RELEASE VALVE		
CLEANOUT		
DRAINAGE		
DITCH LINE		
STORM MANHOLE		
STORM PIPE		
MISC		
SIGN		
MAILBOX		
A/C UNIT		
BORING LOCATION OR TEST PIT		
WELL		
MONITORING WELL		
FLAG POLE		
SPOT ELEVATION		
FOUND IRON PIN		
SET IRON PIN		
CONCRETE MARKER		
BENCHMARK		
TREES		
PROPERTY LINE		
RIGHT-OF-WAY		
CHAIN LINK FENCE		
WOOD FENCE		
BARBED WIRE FENCE		
HOO WIRE FENCE		
EROSION CONTROL		
SILT FENCE		
GRADING		
CONTOUR MAJOR		100
CONTOUR MINOR		99

	EXISTING	REQUIRED		EXISTING	REQUIRED
ASPHALT			RP-RAP		
CONCRETE			WATER		
GRAVEL			WOOD DECK		
AWNING					

CDG
11 W. COURT SQUARE
P.O. BOX 278
ANDALUSIA, AL 36420
PH: (334) 222-9431

NOTES AND LEGEND
MAGNOLIA ENTRANCE FACILITY - SCALES
FOR BALDWIN COUNTY
SUMMERDALE, AL

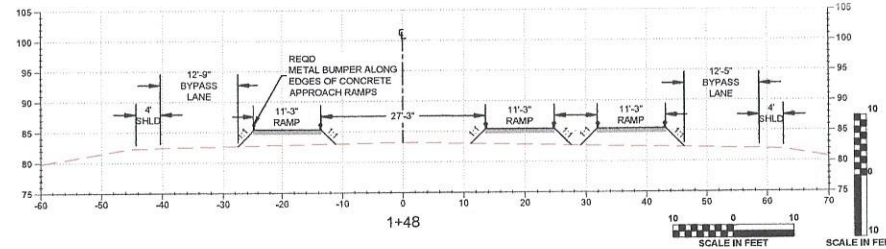
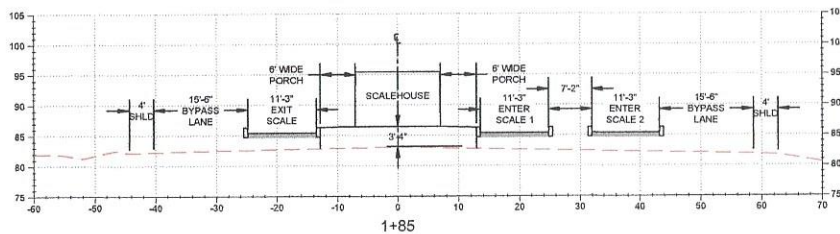
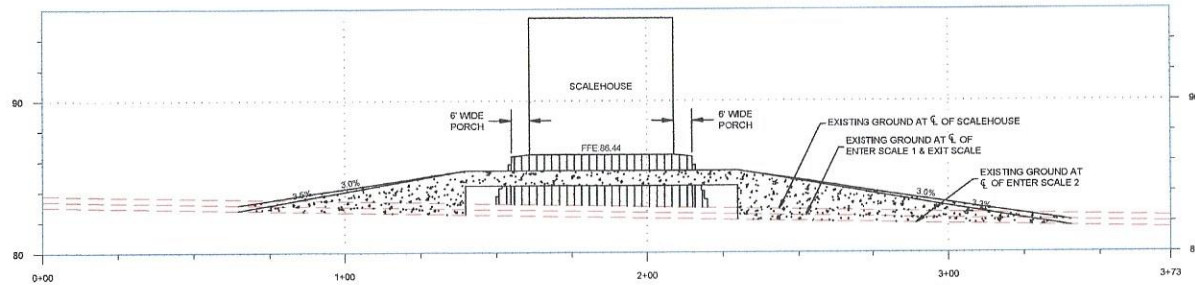
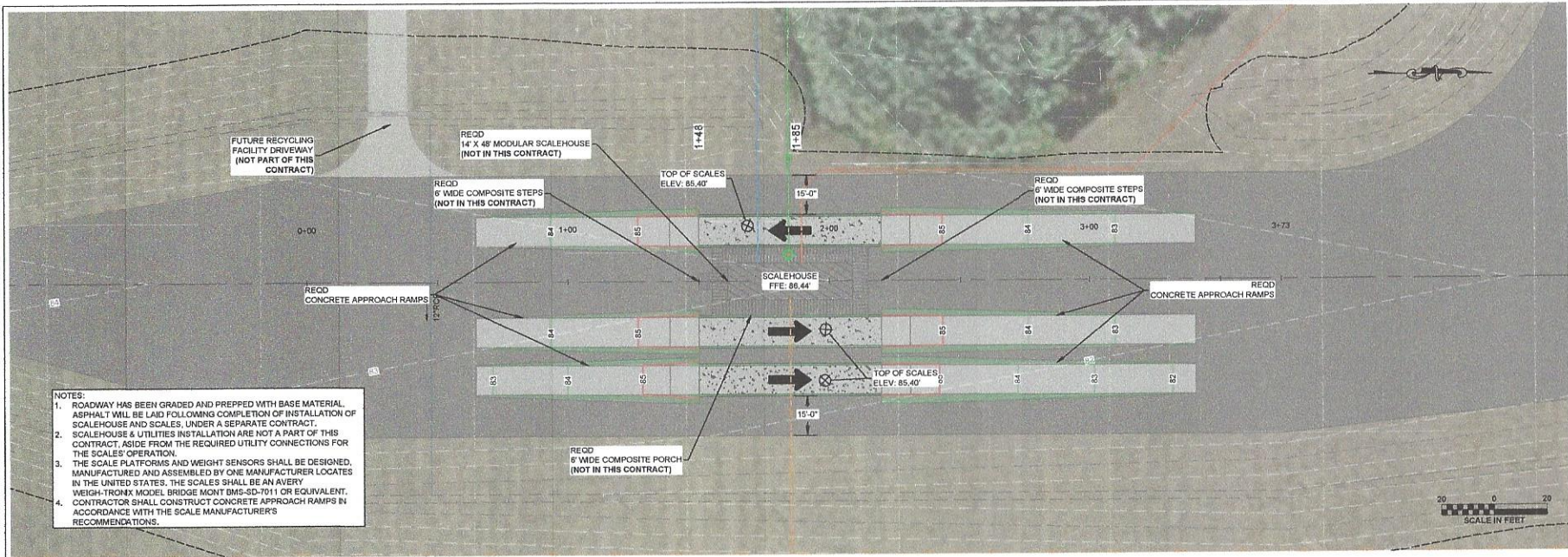
DRAFT

SCALE: AS SHOWN
DATE: Mar-23

REVISED

PROJECT NO: #079321905

SHEET NO. C-102



11 W. COURT SQUARE
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SITE LAYOUT AND GRADING PLAN
MAGNOLIA ENTRANCE FACILITY - SCALES
FOR BALDWIN COUNTY
SUMMERDALE, AL

DRAFT

SCALE:	AS SHOWN
DATE:	Mar-23
REVISED	
PROJECT NO:	1070301030
SHEET NO.	C-301