

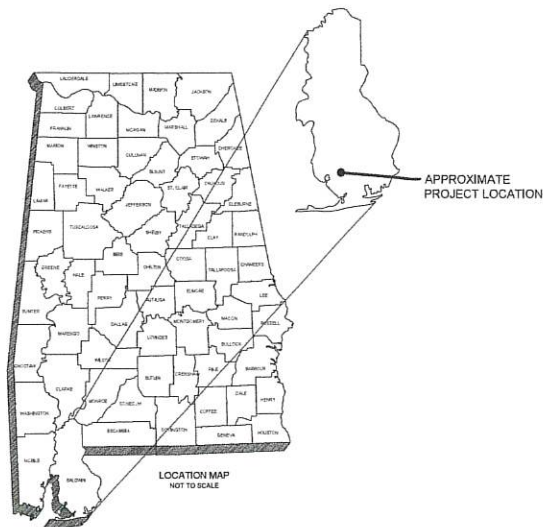
MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN

FOR BALDWIN COUNTY

MAGNOLIA LANDFILL

SUMMERDALE, AL

March 2023



SITE ADDRESS:

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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



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

CDG PROJECT NUMBER: R079321638

DRAFT	ASHTEN G. SANDERS
	DATE

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.
- ALL EXISTING 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 DATE OF THESE PLANS SHOWN HEREON. ADJUSTMENTS TO THESE PLANS MAY BE NECESSARY, PER OWNER REQUEST. 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 13 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-TIMESTAMPED 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 OWNERS. 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 SHALL 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 A 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 WHAT HILL WATER AUTHORITY UNTIL FINAL ACCEPTANCE OF THE PROJECT AND THROUGHOUT THE WARRANTY PERIOD. ALL SUCH AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.
- UNLESS NOTED ELSEWHERE, NO ADDITIONAL PAYMENT SHALL BE MADE FOR ROCK EXCAVATION AND REMOVAL. BIDDERS 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 INCLUDED 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 3' 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 3' 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 3' DEPTH. DRAWINGS SHALL BE PROVIDED IN A US SHARFILE FORMAT TO THE ENGINEER AND TO ADOIT.
- THE 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. AN 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, RAMPS, CROSSWALKS, SIGNS, SYMBOLS, AND PAINTED ISLANDS MUST CONFORM TO THE LATEST ADA REQUIREMENTS.
- TOPOGRAPHICAL (HORIZONTAL AND VERTICAL) 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. AL000899). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MONITORING, INSPECTIONS, ETC. TO ENSURE THE OWNER THAT THE SITE IS AT ALL TIMES IN ACCORDANCE WITH ADEM 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 CEMP.
- ALL DISTURBED AREAS THAT DO NOT RECEIVE WORK FOR 13-DAYS SHALL BE TEMPORARILY SEEDDED 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		
HOG WIRE FENCE		
EROSION CONTROL		
SILT FENCE		
GRADING		
CONTOUR MAJOR		
CONTOUR MINOR		

	EXISTING	REQUIRED		EXISTING	REQUIRED
ASPHALT			RIP-RAP		
CONCRETE			WATER		
GRAVEL			WOOD DECK		
AWNINGS					



11 W. COURT SQUARE
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NOTES AND LEGEND
MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN
FOR BALDWIN COUNTY
SUMMERDALE, AL

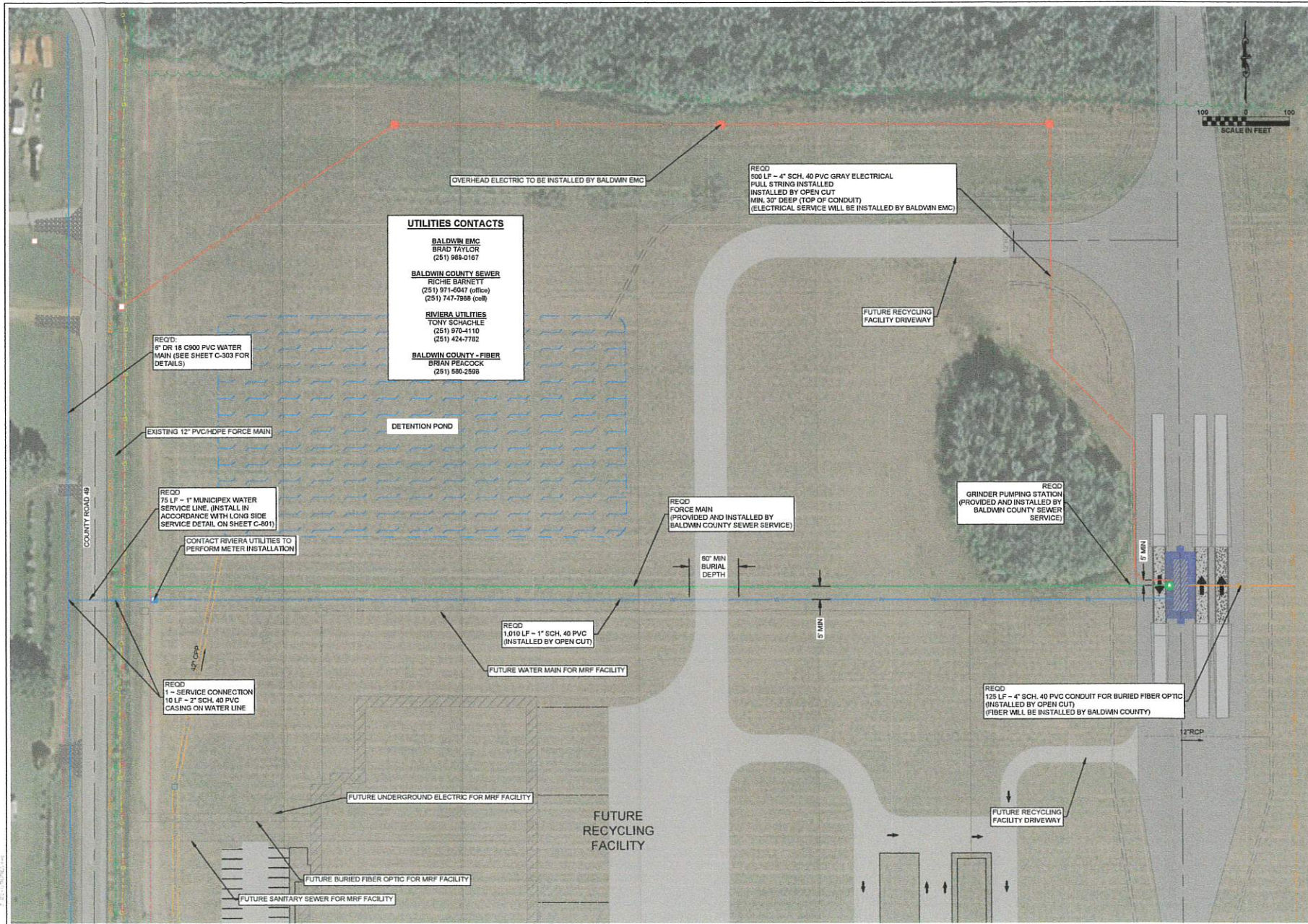
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DATE: Mar-23

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PROJECT NO. R01212018

SHEET NO. C-102



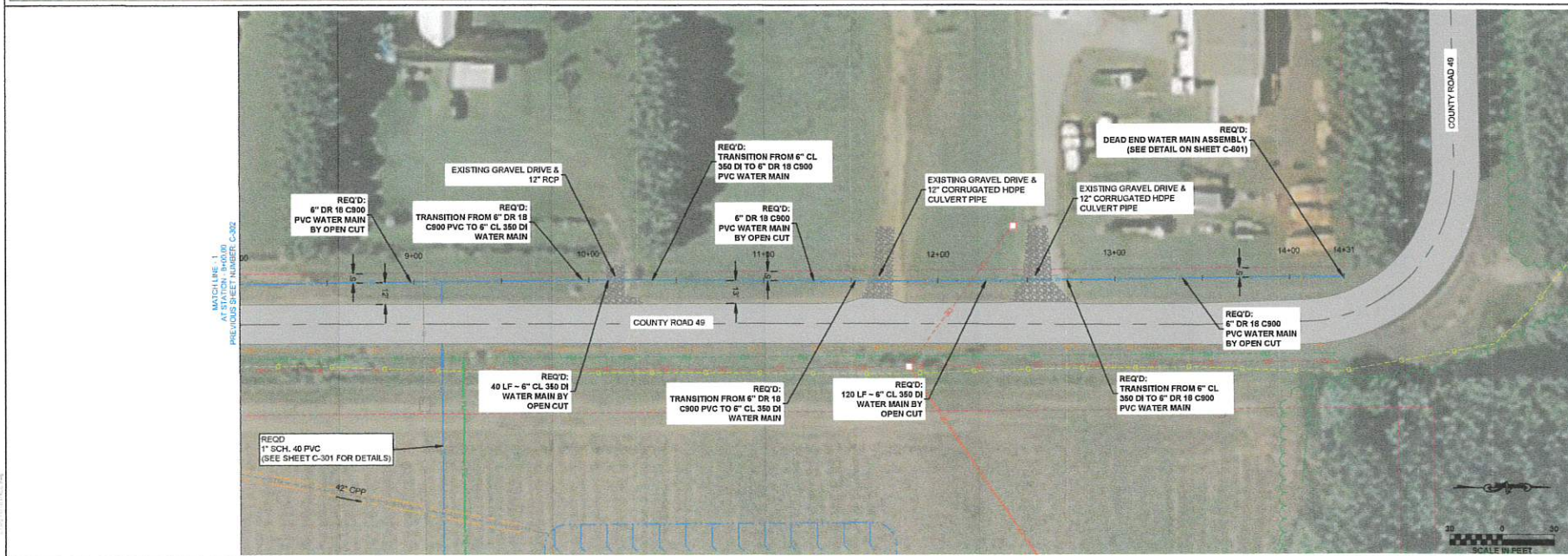
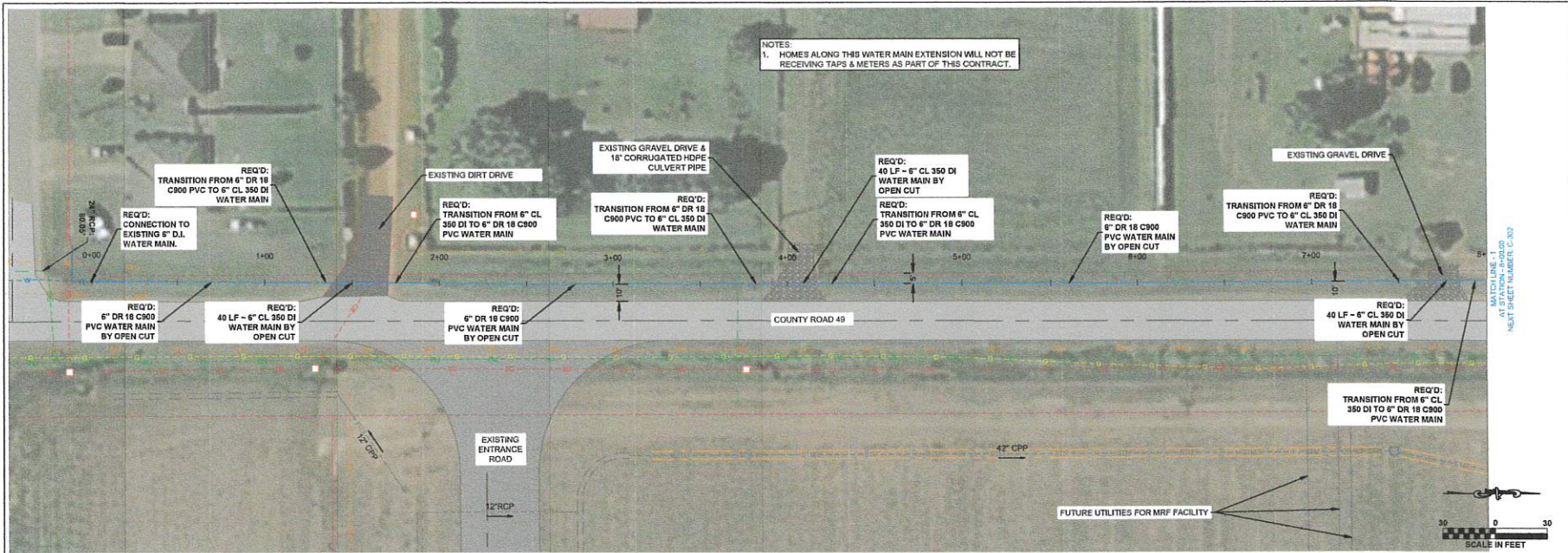

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SITE UTILITIES PLAN
 MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN
 FOR BALDWIN COUNTY
 SUMTERDALE, AL

DRAFT

SCALE:	AS SHOWN
DATE:	Mar-23
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PROJECT NO:	6079321838
SHEET NO.	C-301

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NOTES:
1. HOMES ALONG THIS WATER MAIN EXTENSION WILL NOT BE RECEIVING TAPS & METERS AS PART OF THIS CONTRACT.



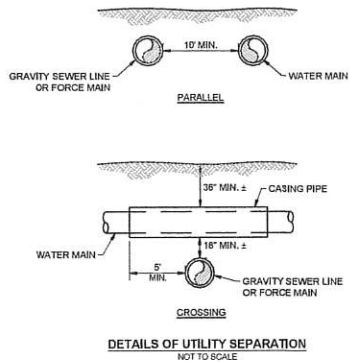
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WATER MAIN EXTENSION
MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN
FOR BALDWIN COUNTY
SUMMERDALE, AL

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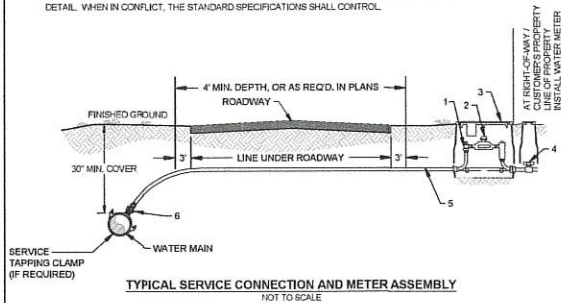
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PROJECT NO:	W070210108

SHEET NO. C-302



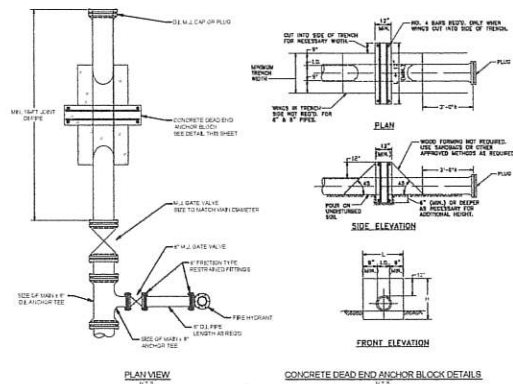
DETAIL NOTES

- CORPORATION STOPS WHERE REQUIRED OR DIRECTED SHALL HAVE STANDARD CC CORPORATION STOP THREAD ON INLET AS SPECIFIED BY AWWA C900 AND COPPER SIZE O.D. OUTLET SUITABLE FOR SPECIFIED SERVICE PIPING. CORPORATION STOPS MAY BE TAPPED DIRECTLY INTO DUCTILE IRON AND C900 PVC WATER MAINS ONLY. CORPORATION STOPS SHALL BE TAPPED INTO OTHER EXISTING WATER MAINS ONLY BY MEANS OF A BROUZE SERVICE CLAMP (MUELLER H1000 SERIES, FORD 670 SERIES, OR EQUAL).
- REFER TO RIVERA UTILITIES' STANDARD SPECIFICATIONS FOR WATER MAINS, MOST RECENT VERSION, TO CONFIRM CURRENT SPECIFICATIONS AND MODEL NUMBERS FOR MATERIALS INDICATED ON THIS DETAIL. WHEN IN CONFLICT, THE STANDARD SPECIFICATIONS SHALL CONTROL.

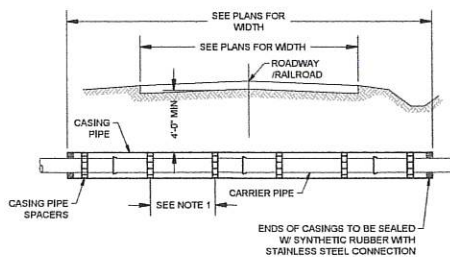


WATER METER MATERIAL SCHEDULE

- METER YOKE
 - METER YOKE SHALL BE FORD LINE SETTER LSVBH48-233/4-Q-NL OR APPROVED EQUAL.
 - 1" METER YOKE SHALL BE FORD LINE SETTER LSVBH48-449/4-SH4-Q-NL OR APPROVED EQUAL.
 - 1.5" METER YOKE SHALL BE FORD LINE SETTER VBH476-12/18-HC-11-66-NL OR APPROVED EQUAL.
 - 2.0" METER YOKE SHALL BE FORD LINE SETTER VBH477-12/18-HC-11-77-NL OR APPROVED EQUAL.
- WATER METER PROVIDED AND INSTALLED BY RIVERA UTILITIES.
- METER BOX AND COVER
 - FOR 1" SERVICE METER BOX SHALL BE CARSON OLDCASTLE 1015-12 WITH A 1419 FLUSH-MOUNTED LID WITH A 4.5-INCH O.D. RECESSED ARM OFFSET AND INTEGRAL METAL LOCATOR DEVICE, OR APPROVED EQUAL.
 - FOR 1.5" SERVICE METER BOX SHALL BE CARSON OLDCASTLE 1225-12 WITH A FLUSH-MOUNTED LID WITH CAST IRON READER, OR APPROVED EQUAL.
 - FOR 1.5" AND 2" SERVICES CARSON OLDCASTLE 1730-18 WITH A FLUSH-MOUNTED LID WITH CAST IRON READER, OR APPROVED EQUAL.
- CUSTOMER-SIDE SHUT-OFF VALVE, VALVE BOX AND SERVICE PIPING (BY OTHERS) INSTALLED BETWEEN ONE TO TWO FEET FROM THE METER BOX.
- SERVICE PIPING SHALL BE TYPE K COPPER TUBING (SEAMLESS WITH NO BENDS, JOINTS OR COMPRESSION COUPLINGS), CROSS-LINKED PEK (MUNICIPAL OR APPROVED EQUAL) IS ACCEPTABLE FOR 1.5" AND 2" SERVICES WHERE APPROVED BY RIVERA UTILITIES.
- CORPORATION STOPS
 - 3" BALL-STYLE CORPORATION STOPS SHALL BE FORD FB1000-3-Q-NL, MUELLER B250000N 3", A.Y. McDONALD 1470160 3", OR APPROVED EQUAL.
 - 1" BALL-STYLE CORPORATION STOPS SHALL BE FORD FB1000-4-Q-NL, MUELLER B250000N 1", A.Y. McDONALD 1470160 1", OR APPROVED EQUAL. 1.5" SERVICES SHALL BE INSTALLED WITH A 2" TAP AND 2" TYPE K COPPER OR MUNKIEPEK (OR APPROVED EQUAL) WATER SERVICE LINE. A 2" VALVE SHALL BE INSTALLED PRIOR TO METER BOX TO REDUCE TO THE 1.5" METER YOKE.



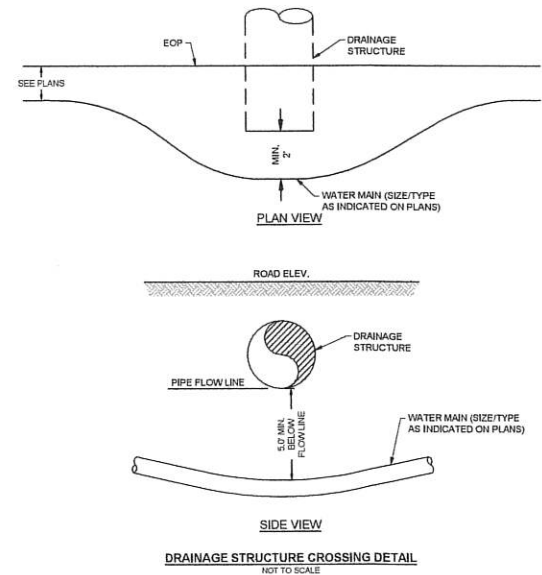
TYPICAL DEAD END WATER MAIN ASSEMBLY
NOT TO SCALE



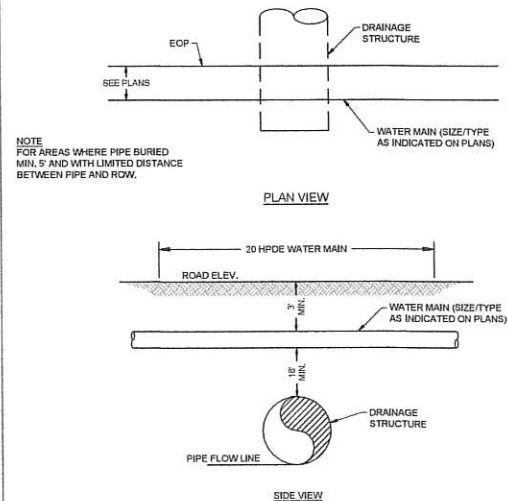
NOTES

- CASING PIPE SPACERS MIN. 4' APART OR AS RECOMMENDED BY MANUFACTURE.
- CARRIER PIPE SHALL BE RESTRAINED GASKET OR FUSIBLE HDPE PIPE.
- SEE PLAN SHEETS FOR CARRIER PIPE SIZE.
- SEE PLANS FOR CASING PIPE SIZE AND MATERIAL THICKNESS.

CASING PIPE AND CARRIER PIPE
UNDER PAVED ROADS AND RAILROADS
NOT TO SCALE



DRAINAGE STRUCTURE CROSSING DETAIL
NOT TO SCALE



DRAINAGE STRUCTURE CROSSING DETAIL (ABOVE PIPE)
NOT TO SCALE



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DETAILS
MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN
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SUMMERDALE, AL

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SCALE: AS SHOWN
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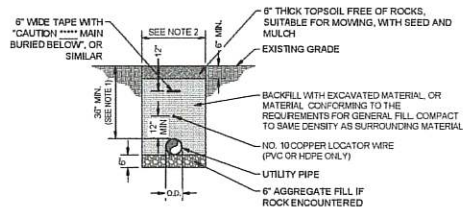
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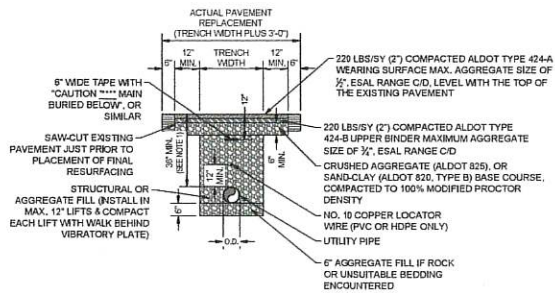
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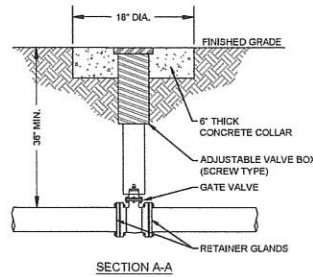
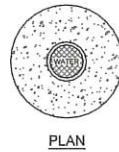
1. MAXIMUM COVER IS 60" UNLESS NOTED IN PLANS OR APPROVED BY THE ENGINEER.
2. MAXIMUM TRENCH WIDTH SHALL NOT EXCEED THE PIPE O.D. PLUS 12" MAXIMUM WIDTH ON BOTH SIDES OF UTILITY PIPE UNLESS NOTED OTHERWISE IN THE PLANS.
3. PAYMENT FOR REQUIRED OFF-SITE FILL SHALL BE LIMITED TO THE MAXIMUM TRENCH WIDTH AS DEFINED IN NOTE #2 ABOVE.
4. FOR ASPHALT DRIVEWAYS, A BINDER LAYER WILL NOT BE USED. WIDTH SHALL BE LIMITED TO THE UTILITY MAN, PLUS 12" ON EACH SIDE.
5. FOR GRAVEL DRIVEWAYS, A 6" CRUSHED AGGREGATE BASE COURSE SHALL BE PLACED TO MATCH THE ADJACENT SURFACE AND LIMITED TO THE WIDTH OF THE TRENCH.
6. FOR CONCRETE PAVING REPLACEMENT, SUBSTITUTE ASPHALT WITH MIN. 6" OF 3,000 PSI CONCRETE WITH FIBER-MESH. MATCH THICKNESS OF SURROUNDING CONCRETE.
7. THE CONTRACTOR SHALL REPAIR ALL EXCAVATED AREAS, BACKFILLS, EMBANKMENTS, TRENCHES, AND DITCHES WHICH MAY HAVE SETTLED, AT NO ADDITIONAL COST TO THE OWNER UNTIL FINAL ACCEPTANCE OF THE PROJECT AND THROUGHOUT THE WARRANTY PERIOD. ALL SUCH AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.



TYPICAL TRENCH DETAIL NON-STRUCTURAL AREAS
NOT TO SCALE



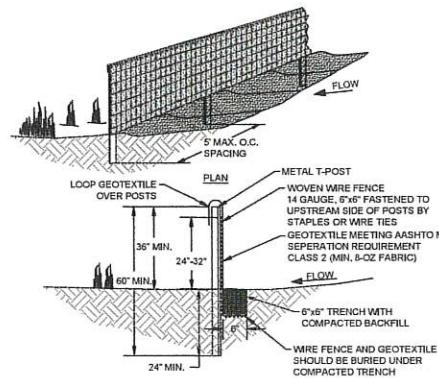
TYPICAL TRENCH DETAIL STRUCTURAL AREAS
NOT TO SCALE



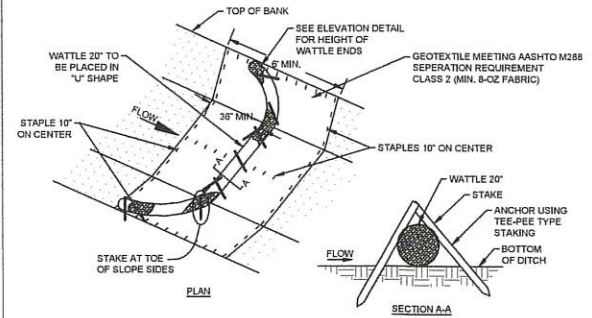
GATE VALVE AND BOX DETAIL
NOT TO SCALE

NOTES:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY, 5" MAX. RECOMMENDED STORAGE HEIGHT.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE WIRE FABRIC JOINTS SHALL OVERLAP A MIN. OF 2' AT POST AND FASTENED WITH MIN. 3 FASTENERS AND FILTER FABRIC SHALL OVERLAP A MIN. 2' AND FASTENED WITH MIN. 2 FASTENERS.



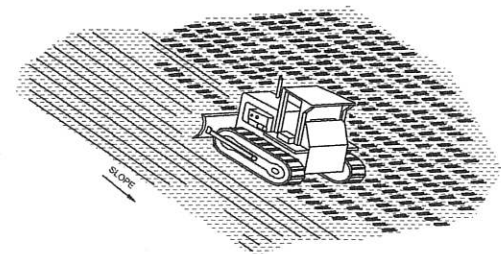
TYPE "A" SILT FENCE DETAIL
NOT TO SCALE



NOTES:

1. MINIMUM RECOMMEND PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER.
2. ANCHORING STAKE SHALL BE SIZED, SPACED, DRIVEN AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET AND USE NON-DESTRUCTIVE TEE-PEE TYPE STAKING. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
3. WATTLES MUST BE STAPLED WITH 50D STAPLES ON 10-INCH CENTERS ON EACH SIDE OF THE WATTLE TO PREVENT FLOATATION.
4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
5. FOR USE IN LOW TO MEDIUM FLOW CONDITIONS.

STRAW WATTLE CHECK DAM
NOT TO SCALE



NOTES:

1. USE CORDER TRACKS TO CREATE GROOVES PERPENDICULAR TO THE SLOPE. GROOVES WILL CATCH SEED, FERTILIZER, MULCH, RAINFALL AND DECREASE SEDIMENT IN RUNOFF.
2. ALL SLOPES 3:1 OR STEEPER SHALL BE "TRACK-NAKED" PRIOR TO ANY TEMPORARY SEEDING OR AFTER PLACEMENT OF FINAL TOPSOIL LAYER IN AREAS TO BE HYDRO-SEED.

TRACK WALKING
NOT TO SCALE



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

DETAILS
MAGNOLIA ENTRANCE FACILITY - UTILITIES PLAN
FOR BALDWIN COUNTY
SUMMERDALE, AL

DRAFT

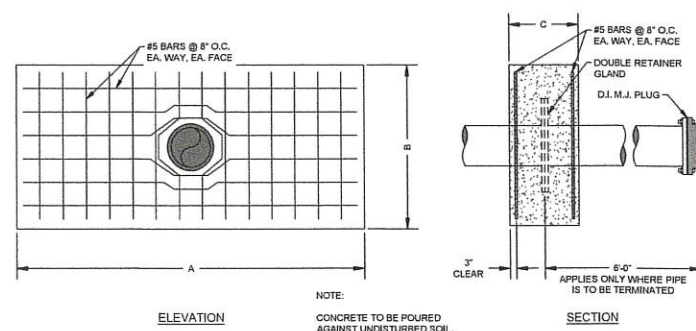
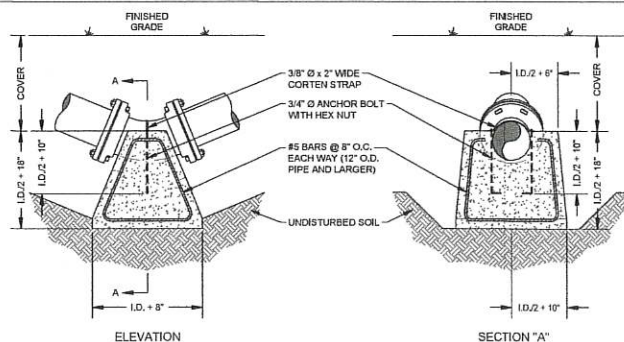
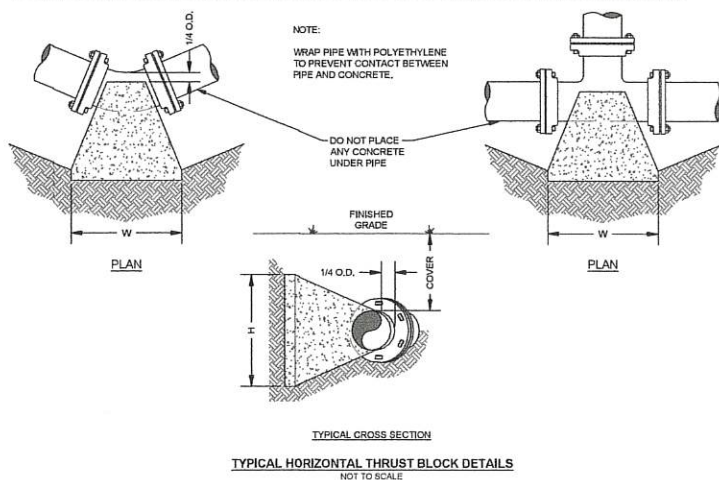
SCALE: AS SHOWN
DATE: Mar-23
REVISED

PROJECT NO. 202201008

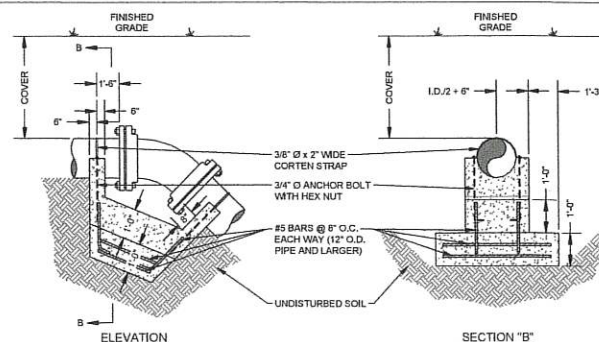
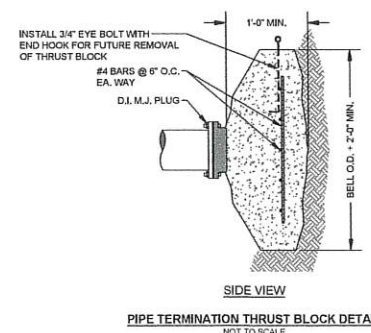
SHEET NO. C-802

CONCRETE THRUST BLOCK SPECIFICATIONS AND DIMENSIONS																					
FITTING		TEES				90° BENDS				45° BENDS				22.5° BENDS				11.25° BENDS			
SIZES (IN)	W (FT)	H (FT)	(Min. Area) (Sq. Yd.)		W (FT)	H (FT)	(Min. Area) (Sq. Yd.)		W (FT)	H (FT)	(Min. Area) (Sq. Yd.)		W (FT)	H (FT)	(Min. Area) (Sq. Yd.)		W (FT)	H (FT)	(Min. Area) (Sq. Yd.)		
			(Min.)	(Max.)			(Min.)	(Max.)			(Min.)	(Max.)			(Min.)	(Max.)			(Min.)	(Max.)	
2-4	2.2	0.8	1.8	0.05	3.1	0.8	2.5	0.07	1.7	0.8	1.3	0.04	0.9	0.8	0.7	0.02	0.4	0.8	0.3	0.01	
6	2.2	1.8	4.0	0.27	3.1	1.8	5.6	0.38	1.7	1.8	3.0	0.21	0.9	1.8	1.5	0.19	0.4	1.8	0.8	0.05	
8	3.5	2.0	7.0	0.52	5.0	2.0	10.0	0.74	2.7	2.0	5.4	0.40	1.4	2.0	2.7	0.20	0.7	2.0	1.4	0.10	
10	5.1	2.2	11.0	0.85	7.2	2.2	15.6	1.25	3.9	2.2	8.4	0.66	2.0	2.2	4.3	0.34	1.0	2.2	2.2	0.17	
12	6.8	2.3	15.8	1.37	9.6	2.3	22.4	1.94	5.2	2.3	12.1	1.05	2.6	2.3	6.2	0.53	1.3	2.3	3.1	0.27	
14	8.6	2.5	21.6	2.00	12.2	2.5	30.5	2.82	6.8	2.5	16.5	1.53	3.4	2.5	8.4	0.78	1.7	2.5	4.2	0.39	
16	10.6	2.7	28.1	2.78	14.9	2.7	39.8	3.93	8.1	2.7	21.5	2.13	4.1	2.7	11.0	1.08	2.1	2.7	5.6	0.54	
18	12.6	2.8	35.8	3.74	17.8	2.8	50.4	5.29	9.6	2.8	27.3	2.86	4.9	2.8	13.9	1.48	2.5	2.8	7.0	0.73	
20	14.7	3.0	44.0	4.89	20.7	3.0	62.2	6.91	11.2	3.0	33.7	3.74	5.7	3.0	17.2	1.91	2.9	3.0	8.6	0.96	
24	19.0	3.3	63.3	7.82	26.9	3.3	89.6	11.06	14.5	3.3	48.5	5.98	7.4	3.3	24.7	3.05	3.7	3.3	12.4	1.53	

- NOTES:
1. BASED ON 200 PSI STATIC PRESSURE PLUS AWWA WATER HAMMER ALLOWANCE ASSUMING 1,500 PSF BEARING CAPACITY OF SOIL. COORDINATE ACTUAL DIMENSIONS WITH ENGINEER PRIOR TO INSTALLATION.
 2. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.
 3. THRUST BLOCKS TO BE USED AT ALL LINES OPERATING UNDER PRESSURE.
 4. THESE DETAILS IN NO WAY LIMIT THE SIZE OR LOCATION OF ADDITIONAL BLOCKING WHEN REQUESTED BY THE ENGINEER, OR IF DEEMED NECESSARY BY CONTRACTOR.
 5. DEPTH FROM GROUND SURFACE TO TOP OF BLOCKING SHALL BE GREATER THAN HEIGHT OF BLOCKING.
 6. ALL FITTINGS SHALL BE WRAPPED WITH VISQUEEN OR POLYWRAP BEFORE CONCRETE IS PLACED, TO PREVENT CORROSION OR BONDING OF THE CONCRETE TO THE BOLTS, FITTINGS, OR PIPE.
 7. CONTRACTOR MAY BE ALLOWED TO INSTALL MECHANICAL JOINT RESTRAINTS INSTEAD OF THRUST BLOCKS WITH APPROVAL BY THE ENGINEER.



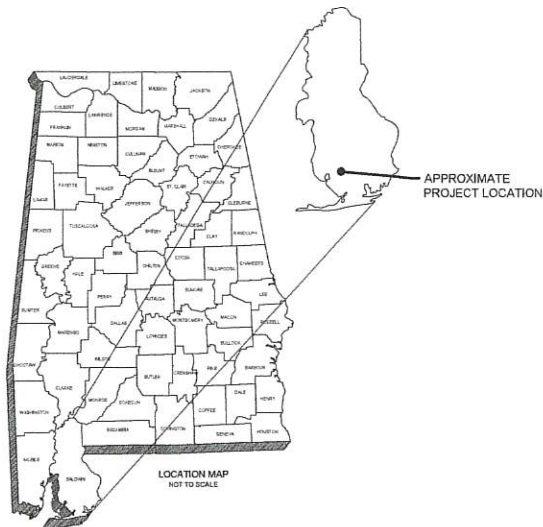
PIPE DIA.	A	B	C
4" - 8"	6'-0" MIN.	3'-0" MIN.	1'-6"
10" & 12"	8'-0" MIN.	4'-0" MIN.	1'-8"
16" - 24"	10'-0" MIN.	5'-0" MIN.	2'-0"



MAGNOLIA ENTRANCE FACILITY - SCALEHOUSE FOR BALDWIN COUNTY

MAGNOLIA LANDFILL
SUMMERDALE, AL

March 2023



PROJECT LOCATION
LAT: 30°26'30"N
LONG: 87°45'59"W

INDEX TO SHEETS	
Sheet Number	Sheet Title
-	TITLE SHEET
C-102	NOTES & LEGEND
C-301	SITE LAYOUT & GRADING PLAN
C-501	OFFICE FLOORPLAN & SPECIFICATIONS

SITE ADDRESS:

MAGNOLIA LANDFILL
15140 CO RD 49
SUMMERDALE, AL 36580

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



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 HEREIN.
- ALL EXISTING 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. PER OWNER REQUEST, 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 13 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. IT SHALL 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 AGENCIES' 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 A 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 CLEARED 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 PRIVATELY CALL WATER AUTHORITY UNTIL FINAL ACCEPTANCE OF THE PROJECT AND THROUGHOUT THE WARRANTY PERIOD. ALL SUCH AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.
- UNLESS NOTED ELSEWHERE, NO ADDITIONAL PAYMENT SHALL BE MADE FOR ROCK EXCAVATION AND REMOVAL. BIDDERS 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 INCLUDED IN THE VARIOUS PAY ITEMS IN THE PROPOSAL. ANY INFORMATION PROVIDED CONCERNING THE DEPTH TO AND/OR CHARACTER OF ROCK PRESENT 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:
a. QUALITY LEVEL A - HORIZONTAL AND VERTICAL LOCATION OBTAINED BY ACTUAL EXPOSURE AND MEASUREMENT OF THE UTILITY AT A SPECIFIC POINT.
b. QUALITY LEVEL B - APPROXIMATE LOCATION OBTAINED FROM SURFACE GEOPHYSICAL METHODS. NO DEPTH INFORMATION INCLUDED.
c. QUALITY LEVEL C - APPROXIMATE LOCATION SURVEYED AND PLOTTED BASED ON VISIBLE ABOVE-GROUND UTILITY FEATURES.
d. QUALITY LEVEL D - INFORMATION DERIVED FROM EXISTING RECORDS AND/OR ORAL COLLECTIONS.
- 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.

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, RAMPS, 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.

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. A006948). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MONITORING, INSPECTIONS, ETC. TO ENSURE THE OWNER THAT THE SITE IS AT ALL TIMES IN ACCORDANCE WITH ADEM 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 CEMP.
- ALL DISTURBED AREAS THAT DO NOT RECEIVE WORK FOR 13-DAYS SHALL BE TEMPORARILY SEEDDED 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	
MSC	
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	
HOG WIRE FENCE	
EROSION CONTROL	
SILT FENCE	
GRADING	
CONTOUR MAJOR	100
CONTOUR MINOR	99

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



11 W. COURT SQUARE
P.O. BOX 278
ANDALUSIA, AL 36820
PH: (334) 222-9431

NOTES & LEGEND
MAGNOLIA ENTRANCE FACILITY - SCALEHOUSE
FOR BALDWIN COUNTY
SUMMERDALE, AL

DRAFT

SCALE: AS SHOWN
DATE: Mar-23

REVISED

PROJECT NO: R07321018

SHEET NO. C-102

DATE: 3/23/2023 10:00 AM

UTILITIES CONTACTS

BALDWIN EMC
BRAD TAYLOR
(251) 989-0187

BALDWIN COUNTY SEWER
RICHE BARRETT
(251) 971-6047 (office)
(251) 747-7988 (cell)

RIVERA UTILITIES
TONY SCHACHLE
(251) 970-4110
(251) 424-7782

BALDWIN COUNTY - FIBER
BRIAN PEACOCK
(251) 550-3388

- NOTES:
1. ROADWAY HAS BEEN GRADED AND PREPARED WITH BASE MATERIAL. ASPHALT WILL BE LAID FOLLOWING COMPLETION OF INSTALLATION OF SCALEHOUSE AND SCALES, UNDER A SEPARATE CONTRACT.
 2. SCALE INSTALLATION AND APPROACH RAMP ARE NOT A PART OF THIS CONTRACT.
 3. CONTRACTOR SHALL PROVIDE ALL UTILITY CONNECTIONS AT THE BUILDING. COORDINATION WITH THE REQUIRED UTILITY PROVIDERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

REQD
FORCE MAIN
(PROVIDED AND INSTALLED BY BALDWIN
COUNTY SEWER SERVICE)
(CONTRACTOR SHALL COORDINATE THIS
WORK WITH BCSS)

REQD
1" SCH. 40 PVC WATER LINE
(NOT PART OF THIS CONTRACT)

REQD
CONNECTION TO WATER LINE

REQD
14' X 48' MODULAR SCALEHOUSE

REQD
6' WIDE COMPOSITE STEPS

REQD
6' WIDE COMPOSITE PORCH

REQD
4" SCH. 40 PVC CONDUIT FOR BURIED FIBER OPTIC
(NOT PART OF THIS CONTRACT)
(CONTRACTOR SHALL COORDINATE FIBER
INSTALLATION WITH BALDWIN EMC)

REQD
GRINDER PUMPING STATION
(PROVIDED AND INSTALLED
BY BALDWIN COUNTY SEWER
SERVICE)

REQD
GRAVITY SEWER
40 LF - 4" SDR-26 PVC
C/D LOCATIONS AS SHOWN
CONNECT TO GRINDER PUMP

REQD
4" SCH. 40 PVC GRAY ELECTRICAL
PULL STRING INSTALLED
(NOT PART OF THIS CONTRACT)
(CONTRACTOR SHALL COORDINATE
ELECTRICAL SERVICE INSTALLATION WITH
BALDWIN EMC)

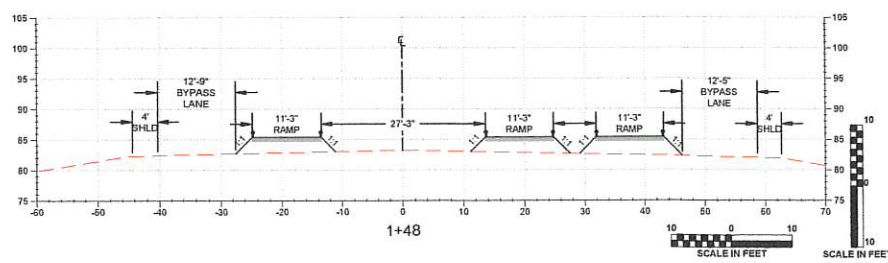
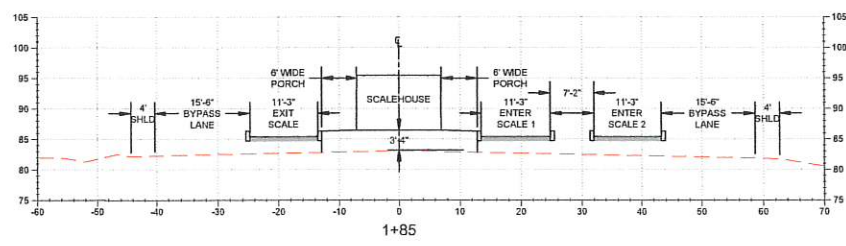
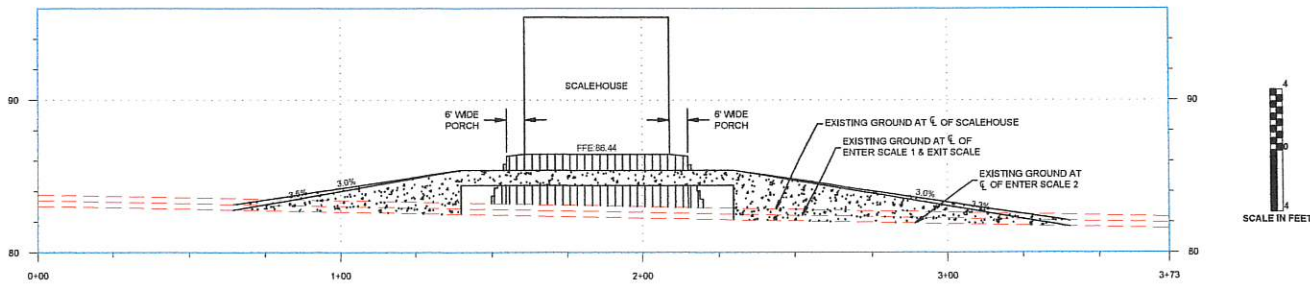
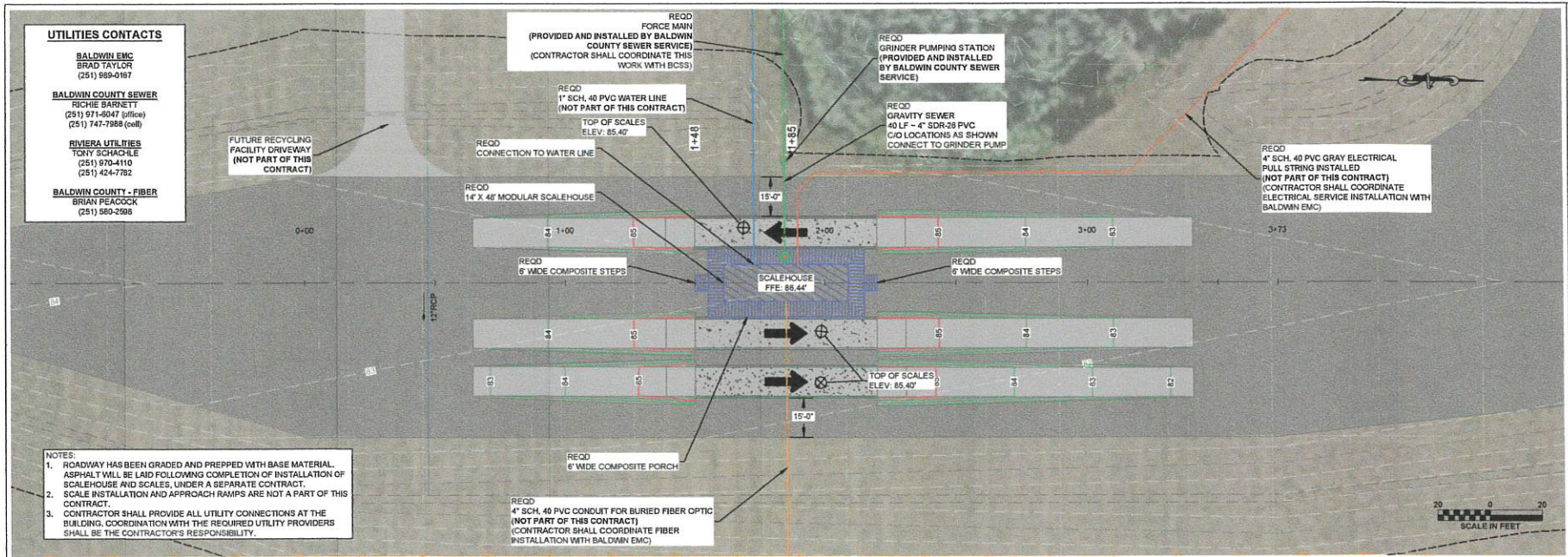


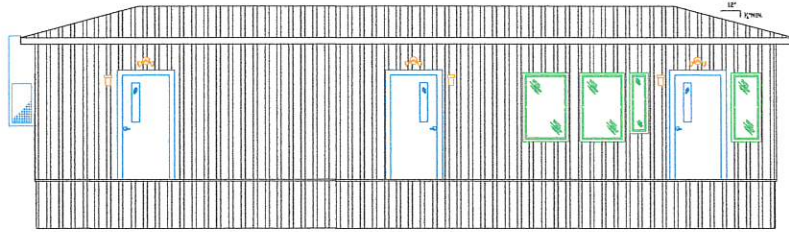
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SITE LAYOUT & GRADING PLAN MAGNOLIA ENTRANCE FACILITY - SCALEHOUSE FOR BALDWIN COUNTY SUMMERDALE, AL

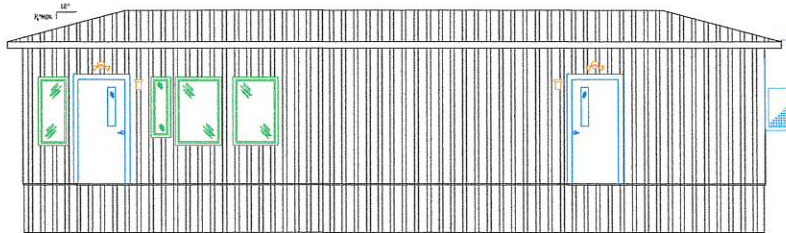
DRAFT

SCALE:	AS SHOWN
DATE:	Mar-23
REVISED	
PROJECT NO:	107092908
SHEET NO.	C-301

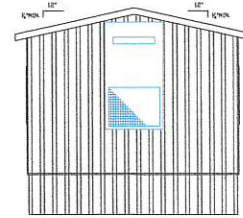




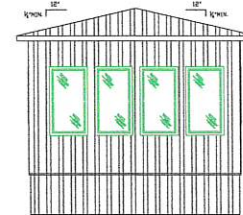
LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



FRONT ELEVATION

GENERAL:

14' x 48' Scale office
672 square feet
Business occupancy
Alabama label, ANHC approval
International Building Code
MBI seal
Wind load: Zone II, 100 MPH Vult
Roof load: 20 PSF

FRAME:

14' x 48' perimeter frame with 12" I beam
Removable hitch
8" steel floor joists @ 16" on center, 8" 6" exterior wall
(2) 6000F brake ends with 14 ply tires
(2) 6000F idler ends with 14 ply tires

FLOOR:

Wotan nylon impregnated bottom board
R-30 Unfaced insulation
Two layers 5/8" tongue and groove plywood floor decking
LVT plank, 20 mil, choice of factory colors
4" rubber base cove throughout with pre-molded inside & outside corners
No floor covering or base cove in storage room

WALLS:

Single top and single bottom steel track
2" x 4" steel joists @ 16" on center, 8" 6" interior wall
R-13 Unfaced insulation interior walls
2" x 6" steel joists @ 16" on center, 8" 6" exterior wall
R-21 Kraft faced exterior walls 1/2" gypsum, tape/mud/paint over 1/2" hush board
3 coats of paint; primer and two finish coats
Fiberglass by Nudo FRP in restrooms, choice of colors
1/2" unfinished moisture resistant gypsum on storage room walls
(1) 150" x 60" Window Wall above writing ledge with 2 speaker holes and 2 pass thru openings
Interior doors (2) 36" x 80" solid birch slab doors in bronze Redi-frame
(2) Door closers
(2) Privacy lever locks

ROOF:

Gable roof with hip on front end, 3:12 pitch
8" overhang on all sides
28 gauge Hi-Volt steel roofing
Steel trusses at 16" on center
5/8" plywood decking
(1) 2 x 2" suspended ceiling at 8" above finished floor
R-38 Unfaced insulation held up with netting

PLUMBING:

(2) Single ADA restrooms
PEX supply lines
PVC waste, stub out below bottom board
(1) Wall hung sinks with mirror in stainless steel frame, Bobick or equal
(2) Vinyl anti-cold cover for trap & supply
(2) ADA toilet with Sloan flush valve, 3 grab bars
(1) 20 gallon water heater, Lo-Boy located under the cabinet
(1) Mop sink with legs and faucet located in storage room
(1) Double stainless steel sink with gooseneck faucet
(2) Stainless steel toilet paper dispensers, B 264
(2) Stainless steel paper towel dispensers, B 262
(2) Stainless steel vented receptacles, B 279
(2) Stainless steel soap dispensers, B 2111

CABINETS:

13 Linear feet of high pressure laminate base cabinets and counter top
9 Linear feet of HPL overhead cabinets
16 Linear feet of HPL desktop with (4) grannets
13 Linear feet of HPL writing ledge at 42" AFF on lobby side
13 Linear feet of HPL writing ledge at 30" AFF on office side
(1) 4 x 4 plywood phone board with fire retardant paint
(1) Semi recessed fire extinguisher cabinet with 10# fire extinguisher

ELECTRICAL:

(1) 125 AMP, single phase
Copper romex wiring with MC in ceiling cavity only
20-AMP receptacles per code
(2) GFCI receptacles
(1) Dedicated receptacle for the refrigerator
(1) Exterior GFI with locking cover
(1) Heat tape receptacle under the building
(2) 2 x 4 junction boxes at 16" above finished floor with conduit stub outs
(2) Exit/emergency combo with remote heads
(6) 2" x 4" LED flat panel lights, 48 watt, 5070 lumens, 4000K in T grid
(6) Occupancy sensors
(5) LED porch lights with photocell (15W)

HVAC:

(1) 3 ton wall hung HVAC units with 10kw heat, dehumidification (11 EER)
(1) 7-day programmable thermostat with humidity control
Plenum wall
Galvanized metal duct supply and return
(2) 100 CFM vent fans

EXTERIOR:

5/8" plywood sheathing, full wrap
Moisture resistant house wrap, full perimeter
26 Gauge Hi-Rib steel siding and trim
(4) 36" x 48" fixed windows in bronze aluminum frame, Low E, insulated
(4) 30" x 48" fixed windows in bronze aluminum frame, Low E, insulated
(2) 24" x 48" fixed windows in bronze aluminum frame, Low E, insulated
(2) 15" x 42" fixed windows in bronze aluminum frame, Low E, insulated
(10) 2" faux blinds
(3) 36" x 80" Steel doors in steel jamb
(6) 6" x 30" wire mesh view blocks; storage room & exterior bathroom doors are blank
(5) closers, keyed levers/switches (all doors keyed alike)
Steel skirting or equivalent

FOUNDATION:

Poured footers required per approved drawings by the factory engineer.
All footers shall be reinforced and inspected by the Alabama Manufactured Housing Commission and Geotechnical Engineer prior to pouring cement.
There shall be at least 3 test cylinders, tested weekly after the pour or the contractor must wait 28 days per State code before setting the building. Once the cylinder breaks at 3,000 psi, the building may be set upon the footers. After the building is set, all piers must be mortared with cement in the voids of the piers.
There shall be a 3/8" weld plate embedded into the top of each pier.
The I beam frame of the building shall be welded to the weld plate on each pier.

SITE NOTES:

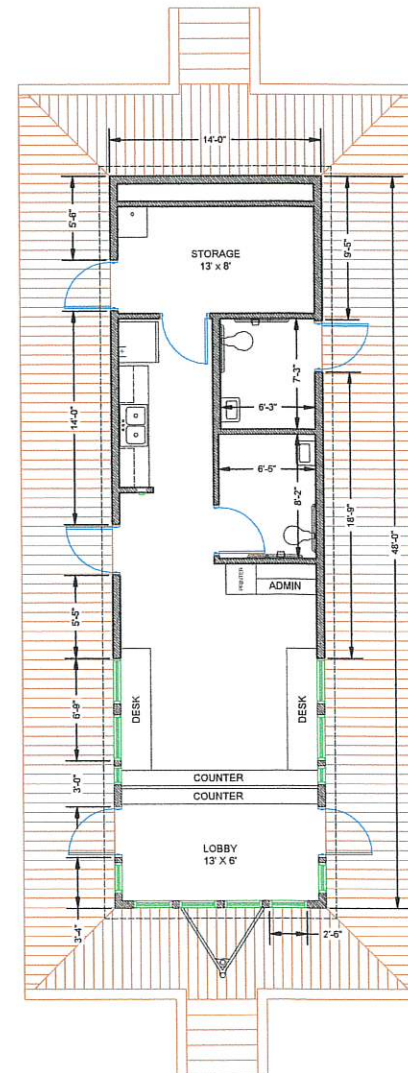
The site pad must be crowned or sloped so that storm water will not pond or flow under the building.
The site must have a 2000 lb. minimum soil compaction

COMMUNICATION:

Number and locations to be determined.
Contractor to provide central location for access to all PCP internal connections for the purpose of connecting to external network and phone lines.
Cable drops for computer, phone and electrical systems are to be sufficiently accessible to allow future repairs, maintenance and expansion.
Ethernet and phone outlets (number and type outlet to be determined) are to be installed near electrical outlets, preferably within three feet.

DECKING & STEPS:

6" Wide Wood-Plastic Composite Decking (Trex Enhance or Approved Equal) installed per Manufacturer's Recommendations
900 square feet
12" Joist Spacing
Color to be selected by owner
(2) 6" Wide Wood-Plastic Composite Steps (Trex Enhance or Approved Equal) installed per Manufacturer's Recommendations
66 linear feet of Trex Transcend railing with Cocktail Rail & Round Aluminum Balusters (or Approved Equal)



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OFFICE FLOORPLAN & SPECIFICATIONS
MAGNOLIA ENTRANCE FACILITY - SCALEHOUSE
FOR BALDWIN COUNTY
SUMMERDALE, AL

DRAFT

SCALE:	AS SHOWN
DATE:	Mar-23
REVISED	
PROJECT NO.	8079212188
SHEET NO.	C-501