

# PROJECT NOTES

## SITE NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL STATE, LOCAL AND FEDERAL LAWS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL OF THESE LAWS AND REGULATIONS HAVE BEEN MET.
2. THE CONTRACTOR SHALL NOTIFY JADE CONSULTING'S RESPECTIVE TESTING COMPANY AND ANY LOCAL JURISDICTIONAL INSPECTOR FOR APPROVAL 48 HOURS BEFORE THE BEGINNING OF ANY SUBSEQUENT PHASE OF CONSTRUCTION.
3. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS HE OR SHE DISCOVERS IN THE PLANS.
4. THE CONTRACTOR IS REQUIRED TO COORDINATE WITH THE ONE-CALL LINE LOCATE CENTER FOR THE MARKING OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL RENEW CONFORMATION NUMBERS AS OFTEN AS REQUIRED DURING THE DURATION OF THE PROJECT. THE CURRENT CONFORMATION NUMBER SHALL BE ON PROJECT SITES AT ALL TIMES.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ANY AND ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS. HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR IS TO CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING INFRASTRUCTURE.
7. ALL WATER CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARDS AND SPECIFICATIONS" OF THE MOBILE AREA WATER AND SEWER SYSTEM.
8. ALL SEWER CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARDS AND SPECIFICATIONS" OF THE MOBILE AREA WATER AND SEWER SYSTEM.
9. ALL MANHOLES WITHIN THE 100 YEAR FLOOD PLAIN SHALL BE CONSTRUCTED THREE (3) FEET ABOVE GRADE.
10. THE CONTRACTOR SHALL EMPLOY ALL NECESSARY MEASURES TO ENSURE THAT THE PROJECT IS OSHA COMPLIANT.
11. THE CONTRACTOR SHALL EXPLORE EXISTING STRUCTURES, UTILITIES AND PIPING SO THAT ANY REQUIRED ADJUSTMENT MAY BE MADE.
12. ANY EXCESS MATERIAL FROM CONSTRUCTION ACTIVITIES SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
13. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND INVERTS OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK ITEM. THE PROJECT ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
14. CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH ALL RESPECTIVE UTILITY PROVIDERS AND AUTHORITIES. PROPER NOTICE SHALL BE GIVEN PRIOR TO ANY WORK STARTING.
15. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE BEDDING AND HAUNCHING FOR ALL IMPROVEMENTS.
16. CONTRACTOR SHALL REPLACE ANY FAULTY OR IMPROPERLY INSTALLED IMPROVEMENTS AT HIS EXPENSE.
17. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET ANY PROPERTY MARKERS DAMAGED DURING CONSTRUCTION AT HIS EXPENSE.
18. ALL PRESSURE PIPE FITTINGS, WATER AND SEWER SHALL BE CAST OR DUCTILE IRON.
19. CONTRACTOR SHALL NOT DEVIATE FROM PLANS WITHOUT PROPER CONSENT.
20. NO SEPARATE PAY ITEM FOR REMOVAL OF ASPHALT, CONCRETE, PIPE, INLETS, ETC. WORK TO BE CONSIDERED A SUBSIDIARY ITEM OF CLEARING AND GRUBBING.
21. CONTRACTOR SHALL STRICTLY FOLLOW THE LOCAL AUTHORITIES AND/OR GEOTECHNICAL REPORTS FOR ALL GRADING, BACKFILLING, AND PAVING REQUIREMENTS. ALL RESPECTIVE TASKS SHALL BE APPROVED BY RESPONSIBLE INSPECTOR PRIOR TO ACCEPTANCE.
22. THE CONTRACTOR WILL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED, REMOVED OR REGRADED AS REQUIRED BY THE ENGINEER.
23. ALL GRAVITY PIPES SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO DETECTABLE BENDS AT JOINTS.
24. ALL STORM DRAINAGE INLET STRUCTURES SHALL HAVE A NEENAH CAST IRON FRAME COVER, OR APPROVED EQUAL, FOR ACCESS.
25. SOIL TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN AS-BUILT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTICE TO SOILS ENGINEER FOR THE REQUIRED TESTING OF THE PROJECT.
26. THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

## SEDIMENT CONTROL AND STORMWATER MANAGEMENT NOTES

1. ALL EROSION CONTROL PROCEDURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS".
2. ALL BEST MANAGEMENT PRACTICES (BMP) PROCEDURES SHALL BE IN PLACE AND INSPECTED PRIOR TO ANY LAND DISTURBING ACTIVITY.
3. ALL DISTURBED AREAS SHALL BE TEMPORARILY GRASSED AND MULCHED IF THEY WILL BE LEFT UNATTENDED FOR 10 DAYS.
4. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.
5. CONSTRUCTION ENTRANCE/EXIT PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT. (NO DIRECT PAYMENT)
6. THE APPROVED BEST MANAGEMENT PRACTICES PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY HAS BEGUN.
7. SILT FENCE AND/OR EROSION CONTROL NETTING SHALL BE PLACED ALONG THE DOWNSTREAM SIDE OF ALL PROPOSED FILL CONSTRUCTION.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION.
9. WHEN REQUIRED CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY AND RAIN EVENT TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. CONTRACTOR SHALL PROPERLY MAINTAIN ALL BMP'S IN ACCORDANCE WITH THE "HANDBOOK".
10. CONTRACTOR SHALL IMMEDIATELY REPAIR AND/OR REPLACE ANY DAMAGED OR IMPROPERLY FUNCTIONING BMP.
11. ANY SILT IN THE DETENTION POND SHALL BE REMOVED AS DIRECTED BY THE PROJECT ENGINEER OR LOCAL AUTHORITY. THE DETENTION POND SHALL ALSO BE REGRADED TO FINAL DESIGN PRIOR TO FINAL ACCEPTANCE OF PROJECT. THERE IS NO DIRECT PAYMENT FOR THIS ACTIVITY.
12. ALL DISTURBED AREAS MUST BE PERMANENTLY STABILIZED IN ACCORDANCE WITH THE HANDBOOK PRIOR TO FINAL ACCEPTANCE.
13. CONTRACTOR SHALL ROUTINELY CLEAN OUT ANY SILT ACCUMULATION FROM THE PROJECTS DRAINAGE STRUCTURES AS REQUIRED BY PROJECT ENGINEER AND/OR LOCAL AUTHORITY.
14. CONTRACTOR IS SOLELY RESPONSIBLE FOR SEDIMENT CONTROL AND STORMWATER MANAGEMENT FOR PROJECT. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER IMMEDIATELY OF ANY FAILING BMP.

## TRAFFIC CONTROL NOTES

1. ALL TRAFFIC CONTROL SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. ALL TRAFFIC PLANS SHALL BE COORDINATED WITH THE CITY OF MOBILE PUBLIC WORKS DEPARTMENT.
3. NECESSARY BARRICADES, SURF MOUNT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS MAY BE NECESSARY TO MAINTAIN ADEQUATE TRAFFIC CONTROL DEVICES, PART VI. THESE DEVICES SHALL BE MAINTAINED AND MAINTAINED THROUGHOUT CONSTRUCTION. NO SEPARATE PAY ITEM WILL BE MADE FOR TRAFFIC CONTROL REQUIREMENTS.
4. ALL TEMPORARY TRAFFIC CONTROL SHALL COMPLY WITH PART VI OF THE MUTCD LATEST EDITION.

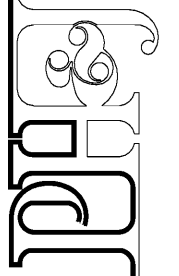
## CITY OF MOBILE NOTES

1. R.O.W. PERMIT REQUIRES THE CONTRACTOR TO SUBMIT A BOND FOR ALL WORK THAT IS PERFORMED WITHIN THE CITY OF MOBILE RIGHT OF WAY. THE BOND AMOUNT SHALL BE BASED UPON THE TOTAL COST OF THE PROJECT PORTION WITHIN THE CITY OF MOBILE RIGHT OF WAY.
2. CONTRACTOR SHALL CONTACT CITY ENGINEERING DEPARTMENT VIA EMAIL AT LAND.DISTURBANCE@CITYOFMOBILE.ORG AT LEAST 24 HOURS PRIOR TO BEGINNING WORK ON THIS SITE. TO SCHEDULE AN INITIAL ON-SITE BMP INSPECTION WITH THE APPROPRIATE CITY ENGINEERING INSPECTOR. FAILURE TO CONTACT THE CITY ENGINEERING DEPARTMENT PRIOR TO BEGINNING ANY WORK IS A VIOLATION OF THE STORM WATER MANAGEMENT AND FLOOD CONTROL ORDINANCE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAILY INSPECTION AND CONTINUED MAINTENANCE OF EROSION CONTROL ELEMENTS.
4. THE CITY OF MOBILE CITY ENGINEERING INSPECTOR IS TO BE NOTIFIED TWENTY-FOUR HOURS PRIOR TO ANY ACTIVITY WITHIN THE RIGHT OF WAY. THIS PRIOR NOTICE APPLIES TO ALL ACTIVITY WITHIN THE RIGHT OF WAY INCLUDING BUT NOT LIMITED TO TRENCHING, BORING, CONCRETE PLACEMENT (SIDEWALK DRIVEWAY, AND ANY OTHER CONCRETE PLACEMENT). AN INSPECTION BY THE CITY OF MOBILE ENGINEERING INSPECTOR IS REQUIRED PRIOR TO ANY CONCRETE PLACEMENT.
5. THE CITY ENGINEERING INSPECTOR FOR THIS PROJECT IS:  
- NW: TONI MURPHY (251-581-4119, MURPHY.T@CITYOFMOBILE.ORG)
6. ALL WORK WITHIN THE CITY OF MOBILE RIGHT OF WAY MUST COMPLY WITH THE "MOBILE RIGHTS OF WAY CONSTRUCTION AND ADMINISTRATION ORDINANCE". A COPY OF THE ORDINANCE MAY BE FOUND AT [HTTP://CITYOFMOBILE.ORG](http://CITYOFMOBILE.ORG). ONLINE SERVICES FORMS AND APPLICATIONS ENGINEERING DEPARTMENT'S CITY OF MOBILE CONTRACTOR AND ADMINISTRATOR'S GUIDANCE.
7. ANY DAMAGE TO ANY CITY OF MOBILE PROPERTY OR DRAINAGE STRUCTURE, DITCH, ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR TO THE CITY OF MOBILE STANDARDS AT NO COST TO THE CITY OF MOBILE. IT IS THE RESPONSIBILITY OF THE PERMITTEE TO NOTIFY THE CITY OF MOBILE IMMEDIATELY IF ANY DAMAGE OCCURS. DAMAGE SHOULD BE NOTIFIED AT 251-268-7145 IN THE CITY OF MOBILE RIGHT OF WAY DEPARTMENT.
8. ANY EXCESS SOIL FROM A HAND HOLE OR ANY EXCAVATION FOR PITS, ETC., SHALL BE REMOVED FROM THE RIGHT OF WAY (NOT LEFT IN THE RIGHT OF WAY).
9. INSTALLATION OF AN IRRIGATION SYSTEM WITHIN THE CITY OF MOBILE RIGHT OF WAY WILL REQUIRE THE APPROVAL OF AN IRRIGATION PLAN AND A CITY OF MOBILE RIGHT OF WAY PERMIT.
10. ALL DISTURBED AREAS OF THE RIGHT OF WAY TO BE SOIL SODDED AND EXISTING BARE AREAS MAY REQUIRE SOIL. EXISTING VEGETATION MAY REQUIRE REMOVAL AND PLACEMENT OF SOIL DEPENDING ON ITS CONDITION. THE SOIL IS REQUIRED TO BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK.
11. ALL STORM DRAIN PIPE INSTALLED IN THE CITY OF MOBILE RIGHT OF WAY, CITY OF MOBILE EASEMENT, OR CARRYING PUBLIC STORMWATER ARE TO HAVE THE JOINTS WRAPPED WITH FILTER FABRIC, ARE REQUIRED NOT TO HAVE ANY LIFTING HOLES (IF THE LIFTING HOLES IS NOT ALLOWED), SHALL BE A MINIMUM OF 18 INCH IN DIAMETER, AND SHALL BE REINFORCED CONCRETE PIPE (RCP). THE CONTRACTOR NEEDS TO NOTIFY THE PIPE MANUFACTURER AHEAD OF TIME THAT THE PROJECT IS WITHIN THE CITY OF MOBILE RIGHT OF WAY.
12. THE CITY OF MOBILE REQUIRES A MINIMUM OF THIRTY-SIX INCH SEPARATION BETWEEN ANY PIPE/STRUCTURE AND A CITY OF MOBILE STORM DRAIN PIPE. PROVIDE A CROSS-SECTION RELATIVE TO ALL PROPOSED PIPE INSTALLATIONS THAT ARE ADJACENT TO A STORM DRAIN PIPE(S) WITHIN THE CITY OF MOBILE RIGHT OF WAY. THE CROSS-SECTION WILL NOT BE REQUIRED IF THE PIPE IS INSTALLED BY A UTILITY COMPANY AND NOT THE PROJECT'S CONTRACTOR.
13. ALL SIDEWALK CONSTRUCTION MUST COMPLY WITH CITY OF MOBILE CITY ENGINEERING STANDARD DRAWING 12, "CONCRETE SIDEWALK DETAILS". REFER TO THE STANDARD DRAWING DETAILS INCLUDED IN THE PLAN.
14. ANY SIDEWALK PANELS WHICH ARE CRACKED, HAVE BEEN SHOWED CREATING A TRIPPING HAZARD, OR THOSE WHICH HAVE BEEN WORN TO THE EXTENT THAT THEY CREATE A SLIPPING HAZARD, ARE REQUIRED TO BE REPLACED. THE DETERMINATION OF THIS CONDITION IS ULTIMATELY THE DECISION OF THE CITY.
15. AN ADA COMPLIANT TRUNCATED DOME PANEL WILL BE REQUIRED ON THE SIDEWALK AT EACH SIDE OF THE DRIVEWAY. THE TRUNCATED DOME PANEL MUST BE A POLYMER COMPOSITE TRUNCATED DOME PANEL THAT MEETS THE REQUIREMENTS STATED IN THE CITY ENGINEERING TYPICAL HANDICAP CURB RAMP STANDARD DRAWING SEVEN.
16. THE FINAL RESURFACING LIMITS SHALL BE AT THE DISCRETION OF THE CITY ENGINEER, TO BE DETERMINED AT A FIELD INSPECTION/SITE VISIT UPON COMPLETION OF THE INSTALLATION OF ALL PERMITTED INFRASTRUCTURE/FACILITIES, PRIOR TO THE CONTRACTOR BEGINNING PAVING.
17. A VIDEO SHALL BE SUBMITTED TO THE CITY SHOWING THE UNDERGROUND DETENTION SYSTEM PIPES, THE PIPE FROM THE OUTLET STRUCTURES TO THE CITY DRAINAGE SYSTEM, AND THE PIPE CARRYING PUBLIC WATER. THE PIPE MUST BE VIDEOED AFTER THE PROJECT'S COMPLETION, BUT PRIOR TO THE REQUEST FOR A CERTIFICATE OF OCCUPANCY. SUBMIT THE VIDEO TO THE CITY OF MOBILE WITH THE ENGINEER'S AS-BUILT CERTIFICATION PACKAGE. THE VIDEO NEEDS TO BE REVIEWED BY THE PROJECT ENGINEER BEFORE BEING SUBMITTED TO THE CITY. EACH JOINT NEEDS TO BE PANNED LEFT AND RIGHT AS WELL AS ANY DEFICIENCIES BEING WELL DOCUMENTED VIA VIDEOGRAPHY, INCLUDING A WRITTEN REPORT.
18. PROVIDE THE LENGTH OF THE ALL PROPOSED FIBER OPTIC CABLE, COAXIAL CABLE, CONDUIT, STORM DRAINPIPE, WATER LINE, SANITARY SEWER LINE, DUCT BANKS, POWER LINES, AND/OR ANY ADDITIONAL BORING, TRENCHING, OR EXCAVATION ACTIVITIES WITHIN THE CITY OF MOBILE RIGHT OF WAY. IF THE CONSTRUCTION INVOLVES OPEN CUTS TO THE RIGHT OF WAY, PROVIDE THE WIDTH AND DEPTH AND CLEARLY SHOW THE LIMITS ON THE PLANS.
19. IF THE PERMIT HOLDER IS NOT A CURRENT FRANCHISEE WITH THE CITY OF MOBILE, A BOND WILL BE REQUIRED FOR ALL WORK THAT IS PERFORMED WITHIN THE CITY OF MOBILE RIGHT OF WAY. THE BOND AMOUNT SHOULD BE BASED UPON THE TOTAL COST OF THE PROJECT (PORTION WITHIN THE CITY OF MOBILE RIGHT OF WAY).

Order Plans @ [www.jadeplans.com](mailto:www.jadeplans.com)

JADE CONSULTING, LLC  
 Jarrigh & Associates Development Engineers  
 208 Greene Road North, Fairhope, Alabama 36532  
 P.O. Box 1929, Fairhope, Alabama 36533  
 251.928.3443 (vo) 251.928.3695 (fax)  
 CA #41517-B jadeengineering.com

architects inc.  
 Montgomery, Alabama



CIP-2017-001  
 UPGRADES TO THE MOBILE COUNTY METRO JAIL  
 For The MOBILE COUNTY COMMISSION  
 MOBILE, ALABAMA



DRAWN	SER	CHECK	PCJ
DATE	April 2, 2019 RTA		
REVISED			
REVISED			

SHEET TITLE  
 CIVIL CONSTRUCTION  
 NOTES  
 BASE BLD

JOB NO.  
 PH&J 1801-GV

SEQUENCE  
 NO. 19 of 195

C8.0  
 © PH&J ARCHITECTS, INC.  
 ALL RIGHTS RESERVED