

GENERAL:

- 1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM AGENCIES HAVING AUTHORITY OVER THIS PROJECT, PRIOR TO BEGINNING CONSTRUCTION.
2. ALL CONSTRUCTION WORK, EQUIPMENT, WORKMANSHIP SHALL BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND SPECIFICATIONS, AND SHALL CONFORM TO ALL CODES, ORDINANCES, RESTRICTIONS, AND STANDARDS OF ALL AGENCIES HAVING JURISDICTION OVER THE SITE.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF BENCH MARKS, ALL PROPERTY CORNERS, MARKED TREES, UTILITIES, AND OTHER PROPERTIES. ANY PROPERTY DAMAGED OR UTILITIES DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND/OR GOVERNING AGENCY.
4. ON-SITE JOB SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHICH INCLUDES ALL CONSTRUCTION STAFF, PERSONNEL AT THE FACILITY, AND VISITORS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A PROPER TRAFFIC CONTROL PLAN, IF APPLICABLE, FOR PUBLIC SAFETY ADJACENT TO THE CONSTRUCTION SITE. THE TRAFFIC CONTROL PLAN MUST BE IN ACCORDANCE WITH THE ALABAMA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL DEVICES DURING CONSTRUCTION FOR THE PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS.
7. THE CONTRACTOR SHALL INSTALL ALL NECESSARY EROSION CONTROL DEVICES PRIOR TO COMMENCING EARTHWORK OPERATIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A BUILDING SITE FREE OF DRAINAGE PROBLEMS, WITH NO ADVERSE EFFECTS TO ADJACENT PROPERTIES.
9. THE CONTRACTOR SHALL NOT PERFORM ANY TYPE OF WORK ON ADJACENT PROPERTIES OR RIGHTS OF WAYS WITHOUT WRITTEN PERMISSION OR SECURING EASEMENTS FROM THE OWNERS.
10. ALL STREETS, SIDEWALKS, AND CROSSINGS ARE TO BE KEPT OPEN AND IN A SAFE CONDITION FOR THEIR INTENDED USE UNLESS WRITTEN APPROVAL TO CLOSE THE STREET IS OBTAINED FROM AUTHORITIES HAVING JURISDICTION, WITH A COPY TO THE ENGINEER.
11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
12. ALL HAZARDOUS SUBSTANCES USED FOR THIS PROJECT (PAINT, OIL, GREASE AND OTHER PETROLEUM PRODUCTS SHALL BE STORED IN ACCORDANCE WITH SPEC REGULATIONS. THESE SUBSTANCES SHALL BE STORED AWAY FROM STORM DRAINS, DITCHES, AND GUTTERS IN WATER TIGHT CONTAINERS. DISPOSAL OF THESE SUBSTANCES SHALL BE IN ACCORDANCE WITH ADEM REGULATIONS. CONTRACTOR SHALL PROVIDE ADEQUATE TRASH CONTAINERS ONSITE FOR THE DISPOSAL OF CONSTRUCTION MATERIALS WASTE. CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING TRASH FROM THE SITE TO ENTER THE STORM DRAINAGE SYSTEM.
13. ALL EROSION CONTROL DEVICES SHALL BE REMOVED AT THE END OF THE PROJECT.
14. ANY TREES OR SHRUBBERY DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO THE OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
15. IN CASE OF ANY DISCREPANCY BETWEEN DRAWINGS AND TECHNICAL SPECIFICATIONS, THE MATTER SHALL BE IMMEDIATELY SUBMITTED TO THE ENGINEER. THE CONTRACTOR SHALL NOT ADJUST THE DISCREPANCY WITHOUT ENGINEER'S PERMISSION.
16. CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEANS TO MAINTAIN AND PROTECT THE STRUCTURAL INTEGRITY OF ALL NEW CONSTRUCTION WORK AND EXISTING FACILITIES ALL STAGES.
17. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGES TO ANY EXISTING IMPROVEMENTS TO REMAIN/ANY EXISTING FEATURES TO REMAIN/ADJACENT PROPERTIES/ROW AREAS ETC. ANY DAMAGES DUE TO CONSTRUCTION OPERATIONS OF THE CONTRACTOR SHALL BE REPAIRED AT CONTRACTORS OWN EXPENSES.

CONCRETE:

- 1. REFERENCE GENERAL NOTES.
2. CLASS A CONCRETE SHALL DEVELOP 3,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS WITH BETWEEN 4 PERCENT AND 8 PERCENT AIR ENTRAINMENT, UNLESS NOTED.
3. CLASS B CONCRETE SHALL DEVELOP 4,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS WITH BETWEEN 4 PERCENT AND 8 PERCENT AIR ENTRAINMENT, UNLESS NOTED.
4. AN EXPANSION JOINT SHALL BE PROVIDED WHEN A CONCRETE MEMBER JOIN ANOTHER EXISTING CONCRETE MEMBER. THIS WILL INCLUDE JUNCTIONS OF SIDE WALKS, SIDE WALK WITH CONCRETE PADS, AND SIDEWALK WITH CURB.
5. CONTRACTION JOINTS SHALL BE PROVIDED AS SHOWN ON CONSTRUCTION PLANS.

GRADING, EXCAVATION, & FILLING

- 1. REFERENCE GENERAL NOTES.
2. ALL TOPSOIL AND OTHER UNSUITABLE MATERIAL WITHIN THE LIMITS OF BUILDING SITES OR OTHER DESIGNATED AREAS SHALL BE EXCAVATED AND REMOVED TO A DEPTH OF REMOVAL SHALL BE THAT REQUIRED TO REACH AN APPROVED SUITABLE MATERIAL.
3. REGARDLESS OF THE MATERIALS ENCOUNTERED, ALL EXCAVATION SHALL BE CONSIDERED AS UNCLASSIFIED EXCAVATION.
4. THE CONTRACTOR MUST DRAW HIS OWN CONCLUSIONS AS TO THE CONDITIONS TO BE ENCOUNTERED. THE OWNER DOES NOT MAKE ANY GUARANTEE AS TO THE ACCURACY OF THE DATA AND NO CLAIM WILL BE CONSIDERED FOR ADDITIONAL COMPENSATION.
5. WHEN EXCAVATED ALONG THE EDGE OF ANY CREEK OR CONNECTING DRAINAGE CHANNELS, ALL EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER THAT "SPILLAGE" INTO THE CREEK OR CONNECTING DRAINAGE CHANNELS WILL NOT OCCUR.
6. THE CONTRACTOR SHALL CONDUCT GRADING OPERATIONS IN SUCH A MANNER AS TO ALLOW AMPLE QUANTITIES OF "SPICED SOILS" TO BE HELD IN RESERVE OR STOCKPILED, AS NECESSARY, TO PROVIDE THE REQUIRED MATERIAL FOR DITCH BACKFILLING, WHERE ALLOWED.
7. THE NEED FOR AERATION AND DRYING OF SOME OF THE SOILS MAY BE REQUIRED BEFORE THE SOIL CAN BE PLACED AND SATISFACTORILY COMPACTED. THE CONTRACTOR SHALL HAVE ADEQUATE EQUIPMENT TO MANIPULATE AND AERATE SOILS WITH EXCESSIVE MOISTURE SO THAT PLACEMENT AND COMPACTION CAN BE EXPEDITED.
8. EARTH FILLING SHALL BE DONE IN SUCCESSIVE LAYERS AND EACH LAYER OF EARTH SHALL BE UNIFORM AS TO MATERIAL, DENSITY, MOISTURE CONTENT, AND ALSO SHALL NOT EXCEED 6 INCH IN DEPTH BEFORE BEGINNING COMPACTION.

EROSION AND SEDIMENT CONTROL:

- 1. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL CONFORM TO THE LATEST EROSION AND SEDIMENT CONTROL REGULATIONS FOR THE STATE, COUNTY, OR CITY.
2. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE, THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOILED DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC. FROM THE DRAINAGE AREAS SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
3. EROSION CONTROL MEASURES TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES. TYPE C SILT FENCE TO BE USED UNLESS OTHERWISE INDICATED.
4. SILT FENCE MUST MEET REQUIREMENTS OF THE SPECIFICATIONS CONTAINED IN THE CONSTRUCTION DETAILS OR AN EQUIVALENT PRODUCT APPROVED BY THE OWNER'S REPRESENTATIVE.
5. A STABILIZED CONSTRUCTION EXIT SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE OR SITE ONTO PUBLIC ROADWAY OR ONTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
6. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS. IF WETLANDS EXIST ON-SITE, ANY CLEARING MUST BE IN ACCORDANCE WITH A WETLANDS PERMIT.
7. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
8. THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL A DOWNSTREAM STORM DRAIN WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/ROADWAYS HAVE BEEN PAVED.
9. EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
10. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT POOLS WHEN REQUIRED BY ENGINEER OR OWNER'S REPRESENTATIVE.
11. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE UTILIZED FOR EROSION CONTROL.
12. FAILURE TO INSTALL, MAINTAIN, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED.
13. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
14. ALL OPEN SWALES SHALL BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO CONTROL EROSION. A MINIMUM OF 4.5 SQUARE YARDS OF 50-LB STONE SHALL BE PLACED AT ALL DOWNSTREAM HEADWALLS. THE PLACEMENT OF RIP-RAP AT THE DOWNSTREAM HEADWALLS SHALL BE PLACED IMMEDIATELY UPON THE INSTALLATION OF PIPES AND DRAINAGE DITCHES. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
15. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
16. EROSION AND SEDIMENT CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR COMPLIANCE, INSTALLATION, MAINTENANCE AND REMOVAL AS REQUIRED BY THE REGULATIONS OF THE STATE. THE INSTALLATION OF THE REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AS A FIRST STEP IN CONSTRUCTION.
17. THE CONTRACTOR TO MAINTAIN ON-SITE DAILY LOG OF ALL MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES. LOGS SHALL BE MADE AVAILABLE FOR INSPECTION AT ALL TIMES.
18. THE CONTRACTOR IS RESPONSIBLE TO SUBMIT NPDES NOTICE OF INTENT AND NOTICE OF TERMINATION TO THE APPROPRIATE STATE AGENCY OR TO LOCAL GOVERNING AUTHORITY.
19. ALL SLOPES STEEPER THAN 3:1 SHALL BE TREATED WITH STAKED SOD OR SEEDED AND STABILIZED WITH ADEQUATE EROSION CONTROL BLANKET (S150 FABRIC OR EQUAL AS MIN).
20. ALL EROSION CONTROL WORK SHALL BE AS PER THE "FIELD GUIDE FOR EROSION AND SEDIMENT CONTROL ON CONSTRUCTION SITES IN ALABAMA".

PAVEMENT MARKING:

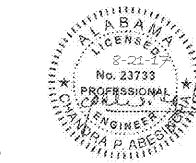
- 1. ALL PAVEMENT MARKING AND MATERIAL SHALL MEET CITY OF BIRMINGHAM STANDARDS AND ALDOT STANDARDS.

TRAFFIC CONTROL NOTES

- 1. THE CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND COORDINATE TRAFFIC CONTROL WORK WITH THE CITY OF BIRMINGHAM PRIOR TO ANY CONSTRUCTION WORK.
2. ROADWAYS AND DRIVEWAYS SHALL REMAIN OPEN DURING CONSTRUCTION, UNLESS THE CLOSURE IS APPROVED BY THE CITY OF FAIRFIELD.
3. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN TRAFFIC CONTROL DEVICES FOR ALL ROADWAY OR DRIVEWAY CONSTRUCTION LOCATED WITHIN AND ADJACENT TO ROADWAYS IN ACCORDANCE WITH THESE PLANS AND THE LATEST EDITION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PART 6.
4. THE DIMENSIONS SHOWN OR SPECIFIED FOR LOCATING TRAFFIC CONTROLS ARE NOMINAL. THE SIGNS SHALL BE LOCATED TO BEST FIT EXISTING CONDITIONS AND PROVIDE MAXIMUM VISIBILITY TO MOTORISTS.
5. THE CONTRACTOR SHALL TAKE EVERY REASONABLE PRECAUTION TO PROVIDE FOR THE SAFETY OF THE TRAVELING PUBLIC AND THE WORKERS ON SITE. IF CONDITIONS ARE FOUND TO BE HAZARDOUS BY CITY PERSONNEL, THE CONTRACTOR SHALL IMMEDIATELY TAKE REMEDIAL ACTION TO ELIMINATE THE HAZARDOUS CONDITIONS.
6. IF CONSTRUCTION OPERATIONS ARE WITHIN TWO FEET OF THE TRAVEL LANE OF AN OPEN ROAD, IT WILL BE NECESSARY TO CLOSE THE LANE IN ACCORDANCE WITH THE MUTCD RECOMMENDATION, UNLESS OTHERWISE APPROVED.
7. THE CONTRACTOR SHALL KEEP OPEN ROADWAYS CLEAN AND FREE OF CONSTRUCTION DEBRIS, DIRT, LOOSE GRAVEL, OR OTHER OBJECTIONABLE MATERIAL THAT MAY CAUSE HAZARDOUS DRIVING CONDITIONS.
8. TRAFFIC CONTROL DEVICES SHALL MEET THE STANDARD MATERIAL AND INSTALLATION REQUIREMENTS SPECIFIED IN THE LATEST EDITION OF THE ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, WITH MINIMUM TYPE III HIGH-INTENSITY RETROREFLECTIVE SHEETING AND IN GOOD CONDITION.

PROJECT TITLE
CITY OF BIRMINGHAM
PARKS & RECREATION
PRE-FABRICATED
BUILDINGS PACKAGE

STAMP



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REVISIONS

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