

TREE PROTECTION NOTES:

1. TREE PROTECTION ZONES SHALL BE ESTABLISHED AT OR OUTSIDE THE CRITICAL ROOT ZONE OF TREES TO BE PROTECTED PRIOR TO INITIATING CONSTRUCTION ACTIVITIES.
2. STORAGE OF CONSTRUCTION MATERIALS, DEBRIS, DUMPING OF TRASH OR EXCAVATED MATERIALS SHALL BE PROHIBITED WITHIN THE TREE PROTECTION ZONE. CONTRACTOR SHALL MAINTAIN AREA WITHIN THE TREE PROTECTION ZONE FOR THE DURATION OF THE PROJECT.
3. PARKING OR MOVING CONSTRUCTION EQUIPMENT WITHIN THE TREE PROTECTION ZONE SHALL BE PROHIBITED. DO NOT DIRECT VEHICLE OR EQUIPMENT EXHAUST TOWARDS PROTECTION ZONE.
4. HEAT SOURCE, FLAMES, IGNITION SOURCES, AND SMOKING SHALL BE PROHIBITED WITHIN TREE PROTECTIONS ZONES.
5. EXCAVATION OR OTHER DIGGING UNLESS SHOWN ON PLANS SHALL BE PROHIBITED WITHIN TREE PROTECTION ZONES.
6. NO SIGNS OR WRAPPINGS AROUND PROTECTED PLANT MATERIALS SHALL BE ALLOWED UNLESS SHOWN ON PLANS.
7. PROTECT TREES FROM SPILLAGE, PONDAGE AND EROSION.
8. TRENCHING, IF REQUIRED IN THE ROOT ZONE SHALL BE EXCAVATED BY HAND, WITH AIRSPADE OR TUNNELED UNDER ROOTS BY DRILLING, AUGER BORING, OR PIPE JACKING. PROTECT EXPOSED ROOTS FROM DRYING OUT PRIOR PERMANENT BACKFILL. PRUNE SMALLER ROOTS AS NECESSARY.
9. PRUNING OF ROOTS SHALL BE PERFORMED PRUNING INSTRUMENTS WITH 90-DEGREE CUTS. USE OF BACKHOES AND OTHER EQUIPMENT THAT TEARS, RIPS OR PULLS FOR ROOT PRUNING IS PROHIBITED. ROOTS SHALL BE PROTECTED DURING PRUNING OPERATIONS WITH WET BURLAP.
10. MULCH INSIDE TREE PROTECTION ZONES WITH SHREDDED HARDWOOD MULCH TO A DEPTH OF 2". DO NOT PLACE MULCH WITHIN 6" OF TREE TRUNK.
11. TREE PROTECTION ZONE FENCING SHALL BE CONSTRUCTED OF HIGH-DENSITY PLASTIC AND STRETCHED POLYETHYLENE FABRIC WITH 2" MAXIMUM OPENING, COLOR, HIGH VISIBILITY ORANGE. FENCE SHALL BE A MINIMUM OF 48" TALL AND SECURED IN PLACE WITH TUBULAR OR T-SHAPED GALVANIZED POSTS AT NO MORE THAN 96" ON CENTER. THE CONTRACTOR SHALL MAINTAIN TREE PROTECTION ZONE FENCING FOR THE DURATION OF THE PROJECT.
12. CONTRACTOR SHALL INCLUDE SIGNAGE AT TREE PROTECTION ZONE. SIGNS SHALL BE SHOP FABRICATED FROM PLASTIC OR METAL WITH PRE-PUNCHED AND REINFORCED ATTACHMENT HOLES. TEXT SHALL BE LEGIBLE AND NONFADING.
13. CROWN PRUNING, IF NECESSARY, SHALL BE PERFORMED BY A LICENSED ARBORIST.
14. PROTECT GRADES WITHIN TREE PROTECTION ZONE. IF MINOR CUT OR FILL IS REQUIRED WITHIN THE TREE PROTECTION ZONE, WORK SHALL BE PERFORMED BY HAND AND NOT EXCEED 2" IN GRADE CHANGE. TRANSITIONS BETWEEN TREE PROTECTION ZONES GRADES AN PROPOSE GRADES OUTSIDE THE TREE PROTECTION ZONES SHALL BE GRADED SMOOTH AND NOT EXCEED 3:1 UNLESS OTHERWISE NOTED ON PLANS.

SURCHARGE FILL GRADING NOTES:

1. CONTRACTOR SHALL MEET ALL REQUIREMENTS AS NOTED IN THE GEOTECHNICAL ENGINEERING REPORT, PROJECT NUMBER 1195039, DATED APRIL 1, 2019 AS PREPARED BY TERRACON CONSULTANTS, INC. FOR EARTHWORK, INCLUDING PREPARATION, MOISTURE AND COMPACTION REQUIREMENTS, AND ALL OTHER REQUIREMENTS FOR ENGINEERED FILL.

FOR PROJECT SEQUENCING FOR BUILDING PAD/ SURCHARGE FILL REFER TO GEOTECHNICAL ENGINEERING REPORT, PROJECT NUMBER 1195039, DATED APRIL 1, 2019 AS PREPARED BY TERRACON CONSULTANTS INC.
2. ALL EARTHWORK OPERATIONS, INCLUDING BUT NOT LIMITED TO, CLEARING, GRUBBING, EXCAVATIONS SHALL BE PERFORMED PER THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
3. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE ALL FILL MATERIALS (EXCEPT WHERE INDICATED TO BE OWNER FURNISHED IN SPEC SECTION 31 00 00) MEETING THE REQUIREMENTS OF THE GEOTECHNICAL REPORT FOR ENGINEERING FILL AND PRE-LOADING MATERIALS. THE CONTRACTOR SHALL COORDINATE WITH THE FIELD GEOTECHNICAL ENGINEER, TO BE SELECTED BY THE CITY OF WICHITA, FOR TESTING ALL MATERIALS TO ENSURE COMPLIANCE WITH ALL REQUIREMENTS AS LISTED IN THE GEOTECHNICAL REPORT.
4. THE CONTRACTOR SHALL COORDINATE WITH GEOTECHNICAL ENGINEER, TO BE SELECTED BY THE CITY OF WICHITA, INC. OVERSEEING THE INSTALLATION OF THE SURVEY MONUMENTS AND SURCHARGE FILL, AND MONITORING OF COMPACTION LEVELS OF THE PERMANENT FILL PER THE MONITORING SCHEDULE CONTAINED WITHIN THE GEOTECHNICAL REPORT.
5. THE CONTRACTOR SHALL COORDINATE WITH SURVEYOR EMPLOYED BY OWNER TO LOCATE AND SURVEY COMPACTION MONITORING MONUMENTS.
6. AFTER THE COMPACTION LEVELS REQUIRED BY THE GEOTECHNICAL REPORT HAVE BEEN ACHIEVED, THE CONTRACTOR SHALL COORDINATE WITH THE FIELD GEOTECHNICAL ENGINEER, TO BE SELECTED BY THE CITY OF WICHITA, THE TEST AND SIGN OFF ON THE COMPACTION LEVELS PRIOR TO REMOVING SURCHARGE FILL.
7. UPON APPROVAL OF COMPACTION LEVELS REQUIRED BY THE GEOTECHNICAL REPORT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING PRELOADING MATERIALS AS REQUIRED TO PROVIDE FINISHED GRADES. THE PAD SHALL BE RETESTED BY OWNER'S GEOTECHNICAL ENGINEER AFTER FINAL GRADING IF APPROVED, WORK MAY COMMENCE..
8. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE FIELD GEOTECHNICAL ENGINEER, TO BE SELECTED BY THE CITY OF WICHITA, FOR ALL OBSERVATION AND MONITORING ACTIVITIES REQUIRED BY THE GEOTECHNICAL REPORT THROUGH THE ENTIRE CONSTRUCTION PROCESS TO FINAL COMPLETION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL EXCESS MATERIAL UPON COMPLETION OF FINAL GRADING. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED, TREE TRIMMINGS, AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
10. THE CONTRACTOR SHALL NOT GRADE OUTSIDE PROJECT LIMITS WITHOUT PRIOR APPROVAL FROM CITY.
11. SEE SHEET C-101(P1) FOR GENERAL NOTES PERTAINING TO GRADING OPERATIONS.

SITE SEQUENCING AND NOTES

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