GENERAL NOTES

1. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN CONFLICT WITH PROPOSED NEW CONSTRUCTION AND NOT SHOWN TO BE REMOVED SHALL BE SAVED AND PROTECTED FROM DAMAGE.
2. DO NOT STORE MATERIALS, DEBRIS, OR SALVAGED OR EXCAVATED MATERIALS INSIDE THE TREE DRIP LINE. DO NOT PARK VEHICLES OR EQUIPMENT INSIDE THE TREE DRIP LINE. LIMIT DISTURBANCE AND CONSTRUCTION ACTIVITIES IN THE TREE DRIP LINE TO THE WORK SPECIFICALLY LOCATED WITHIN THAT ZONE. ACTIVITIES SUCH AS EXCAVATION/REGRADING OF THE SITE, PRUNING OR REPAIR OF DAMAGED TREES AND DRAINAGE PLANS THAT AFFECT TREES WITHIN OR ADJACENT TO THE DRIP LINE ZONES MUST BE BROUGHT TO THE ATTENTION OF THE CITY OF MANHATTAN FORESTRY SUPERVISOR FOR EVALUATION.
3. ANY PRUNING OR OTHER ACTIONS WHICH WOULD AFFECT TREES OWNED BY THE CITY OF MANHATTAN IS SUBJECT TO THE CITY OF MANHATTAN CODE OF ORDINANCES AND REQUIRES ISSUANCE OF A PERMIT BY THE FORESTRY SUPERVISOR.
4. UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, ET CETERA ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION. THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION OF EACH PHASE OF THE PROJECT, THE CONTRACTOR WILL BE REQUIRED TO FIELD VERIFY THE LOCATION AND ELEVATIONS OF EXISTING UTILITIES. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITY POLES,TREES, AND SIGNAGE LOCATED ALONG BACK OF CURBS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY PINS, BENCHMARKS, REFERENCE POINTS, STAKES, AND SECTION CORNERS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY WHICH ARE DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. SUCH MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK AS IT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT.
7. ALL ELEVATIONS AND BENCHMARKS SHALL BE REFERENCED TO U.S.G.S. NAVD 88 DATUM. SEE SHEET NUMBER XX FOR LOCAL PROJECT CONTROL.
8. ALL EXISTING STRUCTURES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. UNLESS NOTED OTHERWISE, THIS WORK SHALL BE INCLUDED IN THE "REMOVAL OF EXISTING STRUCTURES" BID ITEM.
9. A FULL DEPTH SAW CUT OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. REMOVAL LIMITS SHOW WITHIN (3) FEET OF EXISTING JOINTS SHALL EXTEND TO THE EXISTING JOINT. UNLESS NOTED OTHERWISE, SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND SHALL BE SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.
10. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION AND PAVEMENT REMOVAL, WHICH IS TO BE WASTED, AND EXCAVATION SHOWN TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL 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.
11. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD 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.
12. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
13. ALL TRENCHES, EXCAVATIONS OR PERMIT REQUIRED CONFINED SPACES THAT REQUIRE CITY REPRESENTATIVES TO ENTER FOR THE PURPOSES OF INSPECTING ANY WATER OR SEWER UTILITY CONNECTIONS SHALL MEET MINIMUM OSHA SAFETY GUIDELINES FOR TRENCHING AND EXCAVATION AND CONFINED SPACE ENTRY. THE CONTRACTOR MUST BE ABLE TO PROVIDE CITY REPRESENTATIVES WITH SAFE INGRESS AND EGRESS TO THE TRENCHES, EXCAVATIONS OR PERMIT-REQUIRED CONFINED SPACES. CITY REPRESENTATIVES WILL NOT ENTER THE INSPECTION SITE UNTIL MINIMUM REQUIREMENTS HAVE BEEN MET.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ANY SIDEWALK OR PAVEMENT DAMAGED DURING COMPLETION OF THE WORK.
15. EXISTING SIGNS SHALL BE REMOVED AND RESET AT ENGINEERS DISCRETION. WHERE A SIGN IS NOT REUSABLE, IT SHALL BE LEFT ONSITE WITHIN THE CONSTRUCTION LIMITS AND THE TRAFFIC SUPERINTENDENT SHALL BE NOTIFIED.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL INCLUDING TEMPORARY SEEDING AND ESTABLISHING PERMANENT VEGETATION FOR ALL AREAS DISTURBED DURING COMPLETION OF THE WORK. THE EROSION CONTROL SHALL FOLLOW THE PROJECT SWPPP (WHEN APPLICABLE) AND ALL STANDARDS/SPECIFICATIONS

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(ORGANIZATION)
(ADDRESS)
(CITY, STATE, ZIP)
(PHONE NUMBER)

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SUMMARY OF BID ITEMS

ITEM DESCRIPTION	QUANTITY	UNIT

NO.	DATE	DESCRIPTION	BY
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City of Manhattan Kansas
PUBLIC WORKS
1101 POYNTZ AVE., MANHATTAN, KS 66502 (785) 587-2415

MANHATTAN STANDARD DETAILS
MSD 1120 GENERAL NOTES

CITY ENGINEER: BRIAN JOHNSON, P.E. | DESIGN BY:
CITY PROJ. #:
DATE: | DRAWN BY: | PAGE OF

PLOTTED BY: BROOKE WEIR PLOT DATE: 2/17/2021 11:01 AM X:\PUBLICWORKS\ENGINEERING\ENGINEERING STANDARDS\DETAILS\CURRENT\MSD 1120 GENERAL NOTES (2021-02).DWG