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. 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.

3. 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 SHOWN WITHIN (3) FEET OF EXISTING JOINTS SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

4. 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.

5. 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.

6. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY PINS, BENCH MARKS, REFERENCE POINTS, STAKES, AND SECTION CORNERS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS 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.

8. ALL ELEVATIONS AND BENCHMARKS SHALL BE REFERENCED TO U.S.G.S. NAVD 88 DATUM.

BM 001M CITY	ELEVATION: 1050.03	NORTHING: 325549	EASTING: 1712300
	DISK AT EAST END OF NORTH HEADWALL ON BOX CULVERT ALONG MARLATT AVE. EAST OF THE SWINE, DAIRY AND POULTRY TEACHING AND RESEARCH ENTRANCE RD. 600'A WEST OF DENISON AVE. NW OF THE KSU 580 LOW FREQUENCY TRANSMITTER TOWER.		
BM FF-115 USGS	ELEVATION: 1018.88	NORTHING: 310923	EASTING: 1719940
	3" BRASS DISK IN CONCRETE RETAINING WALL ON THE WEST SIDE OF THE NORTH DOORS TO THE FEDERAL BUILDING AT 4TH AND HOUSTON.		

9. WHERE POSSIBLE, EXISTING SIGNS SHALL BE REMOVED AND RESET AT ENGINEERS DISCRETION. WHERE A SIGN IS NOT REUSABLE, IT SHALL BE DELIVERED TO THE MANHATTAN TRAFFIC OPERATIONS FACILITY BY THE CONTRACTOR.
   TRAFFIC SUPERVISOR: BILL DICKINSON
   515 S. 11TH STREET
   MANHATTAN, KANSAS 66502
   (785) 587-4541

10. ALL EXISTING STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS NOTED OTHERWISE. THE REMOVAL OF THESE STRUCTURES IS COVERED AS PART OF THE BID ITEM, "REMOVAL OF ALL MANHOLE RINGS AND COVERS, INLET GRATES AND FRAMES AND STORM DRAINAGE EXISTING STRUCTURES." CULVERT STRUCTURES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN "REMOVAL OF EXISTING STRUCTURES".

11. EXISTING TRAFFIC SIGNALS AND ASSOCIATED MATERIALS TO EXISTING UTILITIES ARE TO BE RELOCATED PRIOR TO BE REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.

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TELEPHONE:	AT&T SOUTHWEST SHAWN EASUM MGR. OSP PLNG & ENG DESIGN 220 E. 6TH RM 360 TOPEKA,KS 66603 785-276-6146
WATER & SEWER:	MANHATTAN PUBLIC WORKS DEPARTMENT NORM FRANCIS 1101 POYNTZ AVENUE MANHATTAN, KS 66502 (785) 587-4583
CABLE TELEVISION:	COX COMMUNICATIONS GLENN CALHOUN 519 RICHARD DRIVE MANHATTAN, KS 66502 (785) 215-6705
GAS:	KANSAS GAS SERVICE JULIE ROBLYER 225 SETH CHILD RD. MANHATTAN, KS 66502 (785) 587-2354

DESIGNER CONTACT INFORMATION

DESIGNED BY: (engineer name)
(organzation)
(street)
(city, zip)
(phone)

CITY OF MANHATTAN CONTACT INFORMATION

CITY PROJECT ENGINEER:	BRIAN JOHNSON, P.E. ENGINEERING DIVISION 1101 POYNTZ AVENUE MANHATTAN, KS 66502 (785) 587-2415
CITY PROJECT COORDINATOR:	KEN HAYS, P.L.S. ENGINEERING DIVISION 1101 POYNTZ AVENUE MANHATTAN, KS 66502 (785) 587-2415 (785) 587-4587

SUMMARY OF BID ITEMS

(----) 2015			(----) 2015 CONT.		
BID ITEM DESCRIPTION	QTY	UNITS	BID ITEM DESCRIPTION	QTY	UNITS

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: RICK PETRIE PLOT DATE: 8/7/2015 11:13 AM X:\PUBLICWORKS\ENGINEERING\ENGINEERING STANDARDS\DETAILS\CURRENT\DWGS\MSD 1120 GENERAL NOTES (2015-08).DWG