

J:\PROJECTS\2017\14101010482_PREMIER_ESTANCIA\5-CIVIL\CAD\GRD\141010482_GRADT.DWG
 PLOTTED: Wednesday, November 18, 2015 @ 12:59PM

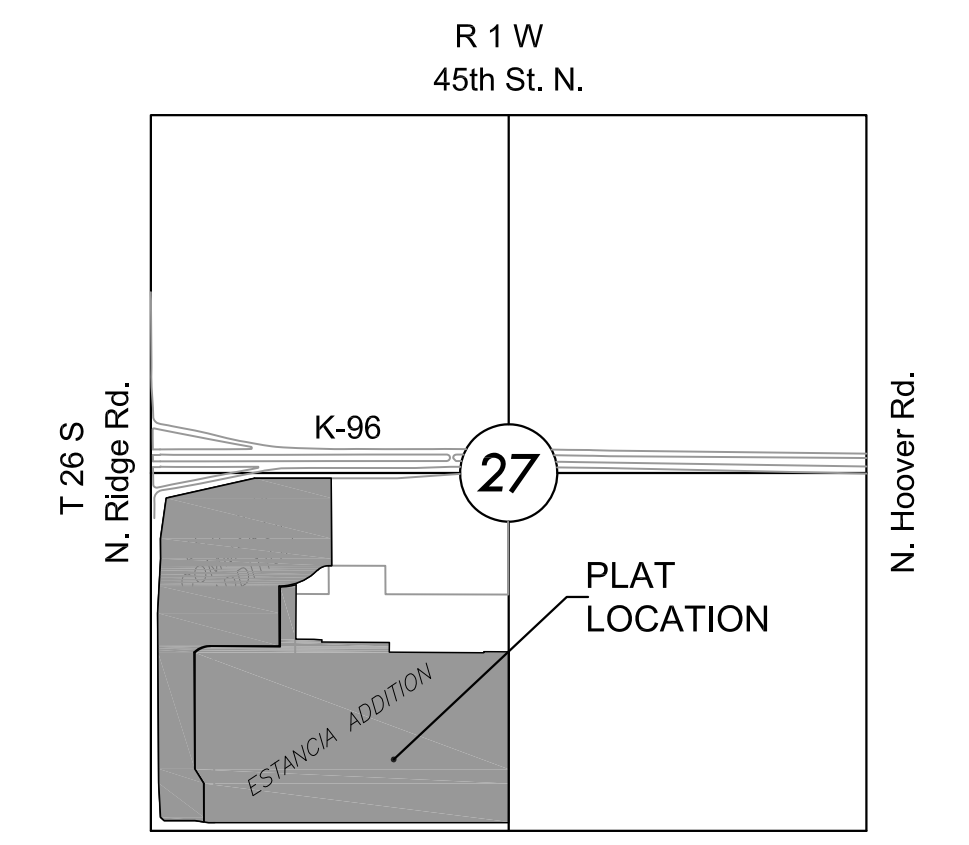
GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:
 KANSAS ONE-CALL 687-2470
 THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
 AT&T 1-316-246-8464
 BLACK HILLS ENERGY (GAS) 1-800-694-8989
 CITY OF WICHITA WATER 1-316-268-4555
 CITY OF WICHITA SEWER 1-316-268-4073
 CITY OF WICHITA STORMWATER 1-316-268-4090
 CITY OF WICHITA TRAFFIC 1-316-268-4034
 COX COMMUNICATIONS 1-888-249-3530
 KANSAS GAS SERVICE 1-888-482-4950
 WESTAR ENERGY 1-800-544-4857
- UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLAN, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT 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 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. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS 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.
- THE WATER DISTRIBUTION DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FIELD GRADES.
- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, BRIAN COON AT traffic@wichita.gov BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUBSIDIARY TO PROJECT SEEDING.
- 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 COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUND SHALL BE CONSTRUCTED WITH NEW DEVELOPMENT A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MARKINGS AND SIGNS) AND THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL DEVICES IN THE TRAVELED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (CHRP REPORT 350 OR MASH COMPLIANT). <http://safety.ftwa.dot.gov/roadwaydept/policy/guide/roadhardware/wzd>
- ALL CONSTRUCTION EQUIPMENT, INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE STORED OUTSIDE OF THE CLEAR ZONE. WHERE THIS CANNOT BE ACHIEVED THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNS, OBJECT IDENTIFIERS, AND/OR BARRICADES IN COMPLIANCE WITH MUTCD.
- EXCEPT WHEN REQUIRED FOR SAFETY, TRAFFIC CONTROL SHALL NOT BLOCK ANY LANES OR SIDEWALKS WHEN WORK IS NOT BEING PERFORMED.
- FOLLOW THE LINK BELOW FOR DETAILS ON SPECIFIC CITY OF WICHITA STANDARD DETAILS: <http://www.wichita.gov/government/departments/pwul/standardsconstruction>
- DEVELOPER FOR THIS PROJECT IS:
 SCHELLENBERG PROPERTIES, LLC
 7926 WEST 21st STREET
 WICHITA, KANSAS, 67205
 MARVIN L. SCHELLENBERG, MEMBER
 316-721-2153

STORMWATER DRAIN #405

ESTANCIA ADDITION

AN ADDITION TO THE CITY OF WICHITA
 SEDGWICK COUNTY, KANSAS
 PROJECT NO. 468-85070
 GARY L. JANZEN, P.E. - CITY ENGINEER
 OCA 751542



VICINITY MAP
 No Scale

INDEX TO DRAWINGS

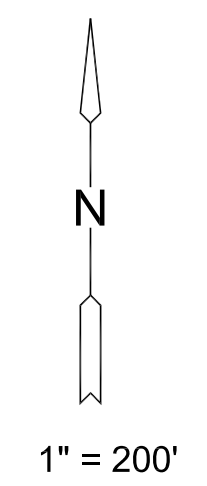
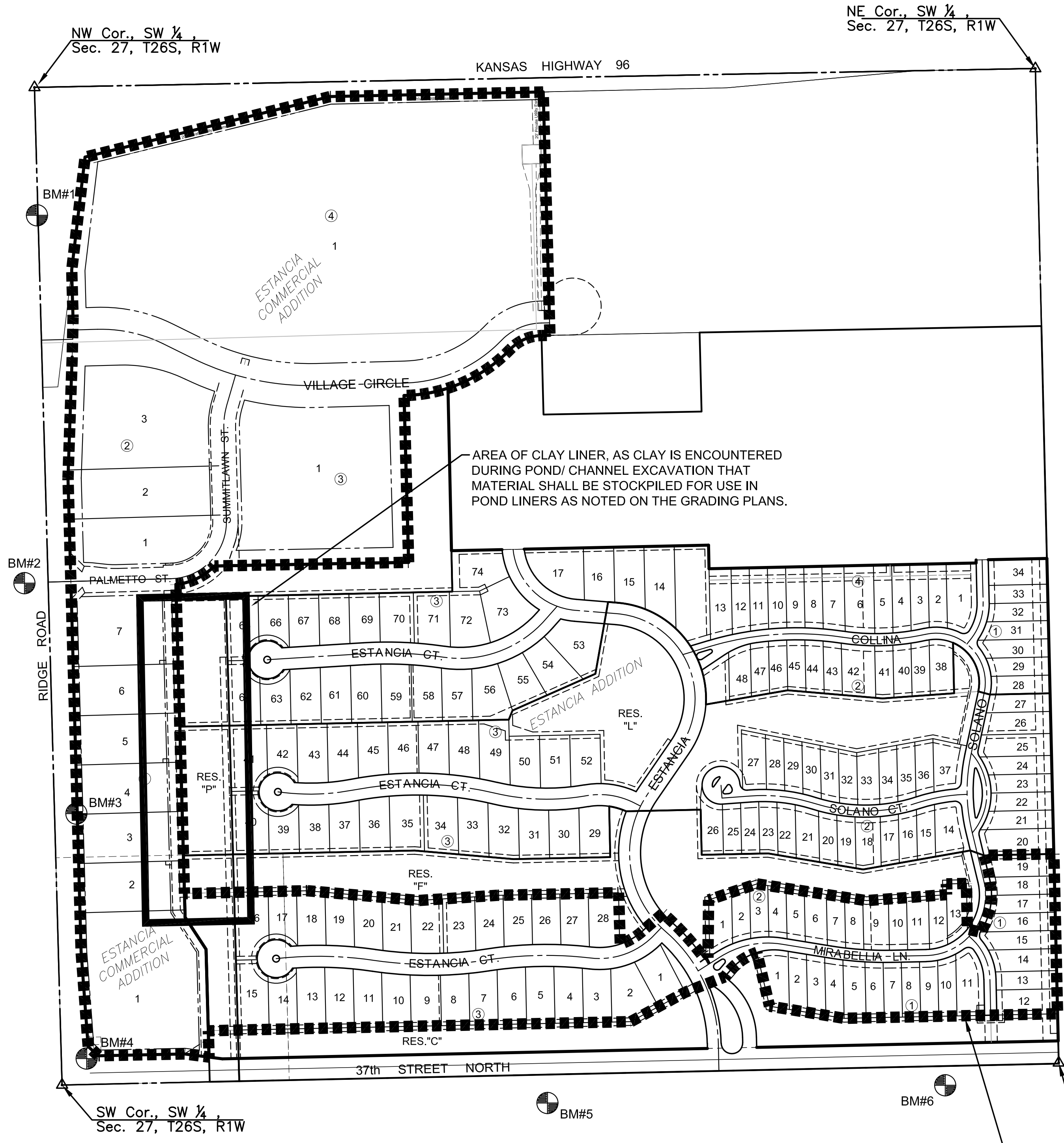
SHEET NO.	DESCRIPTION
01	TITLE SHEET
02	OVERALL GRADING PLAN
03-10	GRADING PLANS
11-12	GRADING DETAILS
13	EROSION CONTROL PLAN
14-16	SEEDING PLANS
17-21	BMP DETAILS
22-23	BUBBLE MAPS
24-26	FINAL PLATS

BENCHMARKS

- BM1 (PLATTED)
 SQUARE CUT TOP OF CURB, ON WEST SIDE OF MEDIAN ISLAND AND 10 FEET NORTH OF THE SOUTH END OF THE MEDIAN, LYING SOUTH OF THE K-96 AND RIDGE RD. 338' FEET SOUTH OF THE NW COR. OF THE SW ¼, SEC. 27, TWP. 26S, RGE 1W, 6TH P.M.
 ELEV. = 1335.80' NAVD 88
 - BM2
 SQUARE CUT TOP OF CURB AT EAST END OF NOSE OF ISLAND, SOUTH DRIVE TO RIDGEWOOD MEDICAL BUILDING, 4031 N. RIDGE RD. WEST SIDE OF RIDGE RD.
 ELEV. = 1336.03' NAVD 88
 - BM3
 RR SPIKE IN NW FACE OF 3RD POWER POLE NORTH OF 37TH/RIDGE RD INTERSECTION, EAST SIDE OF RIDGE RD.
 ELEV. = 1332.68' NAVD 88
 - BM4
 SQUARE CUT NORTHEAST CORNER OF TRAFFIC SIGNAL VAULT AT NORTHEAST CORNER OF 37TH/RIDGE RD INTERSECTION. 12 FEET EAST OF TRAFFIC POLE BASE.
 ELEV. = 1330.34' NAVD 88
 - BM5
 SQUARE CUT TOP OF CURB AT NORTH NOSE OF ISLAND AT DRIVE TO MID-KANSAS PEDIATRIC ASSOCIATES AT 6837 W 37TH ST. N.
 ELEV. = 1336.07' NAVD 88
 - BM6
 SQUARE CUT TOP OF CURB ON EAST SIDE OF RIDGEPORT STREET AT END OF CURB AT SOUTHEAST CORNER OF RIDGEPORT ST. AND 37TH ST. N. INTERSECTION.
 ELEV. = 1333.08' NAVD 88
- VERTICAL DATUM: NAVD 88

EARTHWORK SUMMARY

EXCAVATION	116,650 C.Y.
*COMPACTED FILL (95%)	89,330 C.Y.
* 25% SHRINK/SWELL FACTOR ADDED	
EXCESS MATERIAL TO BE PLACED & COMPACTED ON SITE. LOCATION DETERMINED BY ENGINEER/OWNER'S DIRECTION	
4,000 CY OF EXCAVATION & COMPACTION BY OTHERS HAS BEEN ACCOUNTED FOR IN THE EARTHWORK SUMMARY. SEE SHEET 03 AND 08.	



ESTANCIA ADDITION

STORMWATER DRAIN #405
 PHASE 1

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TITLE SHEET

PROJECT NO.	468-85070	
DATE	NOV. 2015	
SCALE	1"=200'	
DESIGNED	DRAWN	CHECKED
MLP	MLP	GJA
NO.	REVISION	DATE
SHEET NO.		
01 OF 26		

GREGORY J. ALLSOP
 LICENSED PROFESSIONAL ENGINEER
 KANSAS
 11/18/15