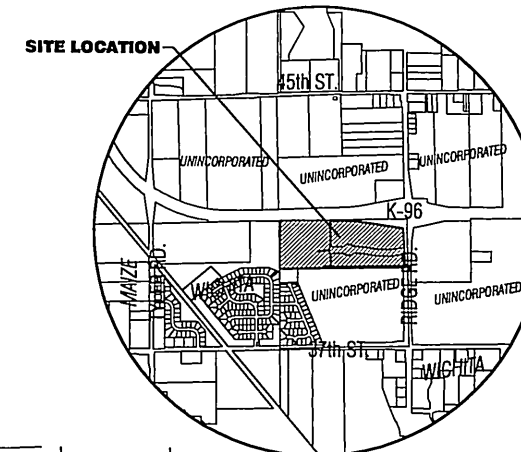


PHASE II GRADING PLANS FOR NORTH RIDGE VILLAGE ADDITION

AN ADDITION TO THE CITY OF WICHITA
SEDGWICK COUNTY, KANSAS
SWD 255
PROJECT NO. - # 468-83979
JIM ARMOUR, P.E. - CITY ENGINEER
OCA 751403



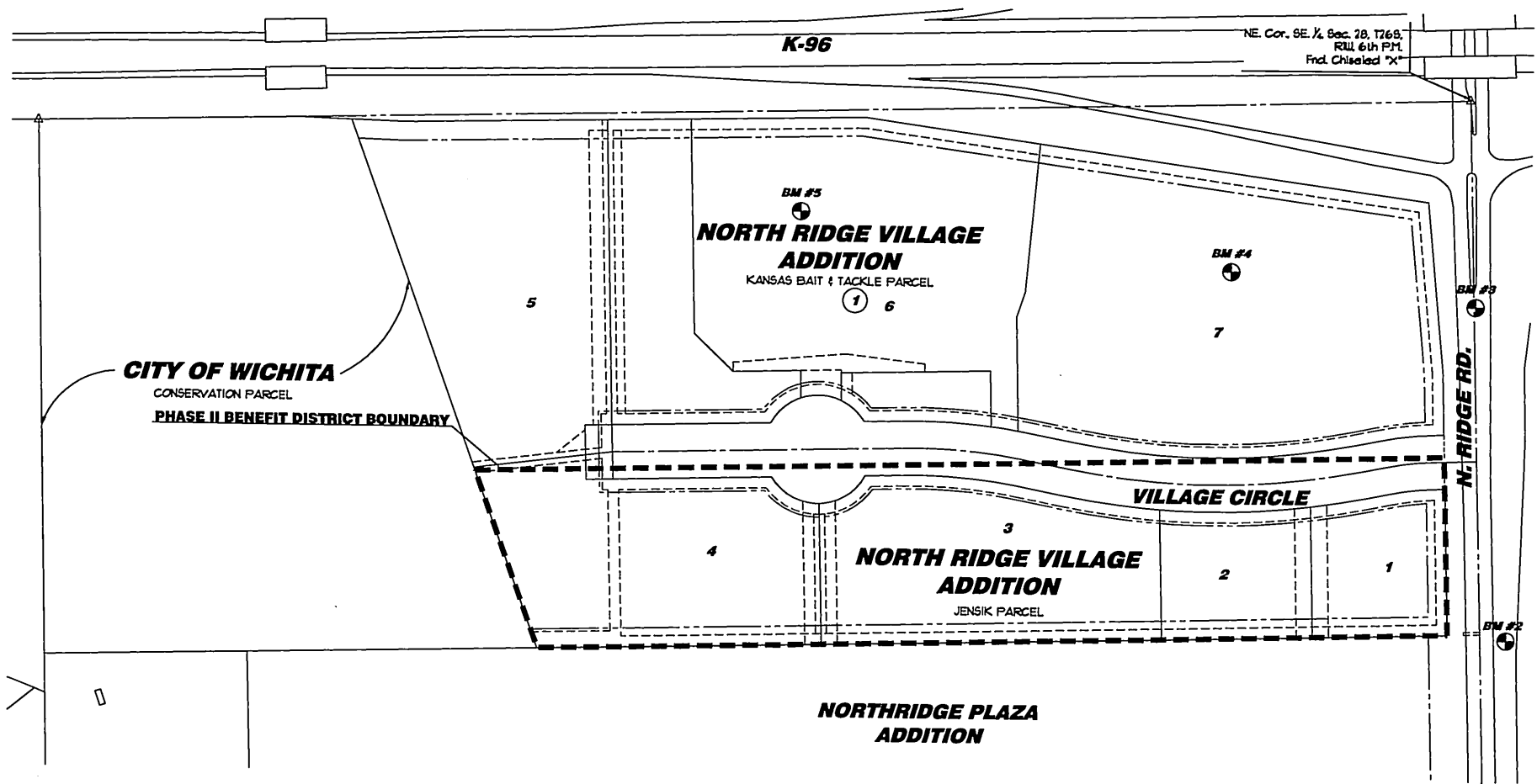
PHASE II GRADING PLANS FOR:
NORTH RIDGE VILLAGE ADDITION
LOTS 1 - 4
AN ADDITION TO THE CITY OF WICHITA
SEDGWICK COUNTY, KANSAS

GENERAL NOTES

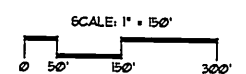
- UNLESS SHOWN OR OTHERWISE STATED ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS.
- THIS IS DESIGN GRADING. ALL GRADES ABOVE THE NORMAL POOL ELEVATION SHALL BE CONTOURED SMOOTHLY WITH GENTLE ROUNDING/SHAPING OF ALL AFFECTED LAND SURFACES. ABRUPT TRANSITIONS AT THE TOP OF SLOPES WHERE PROPOSED GRADES MEET EXISTING ARE NOT ACCEPTABLE. SURVEY STAKES ARE FOR GENERAL GRADING PURPOSES ONLY. NOT ALL SLOPES ARE CONSTANT AND THEREFORE THE GRADING PLANS SHALL BE REFERRED TO FOR FINAL GRADE SHAPING. THE GRADING SHALL BE APPROVED BY ENGINEER PRIOR TO THE ADDITION OF THE TOPSOIL LAYER.
- A 6" LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS OF CUT AND FILL AND REPLACED AT A 6" THICKNESS ON PROPOSED GRADING AREAS. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE LAYER OF TOPSOIL HAS BEEN PLACED. (COST SUBSIDIARY TO EARTHWORK)
- STORM DRAIN INLETS AND STORM WATER SEWER PIPING ARE NOT INCLUDED IN ROUGH GRADING PACKAGE CONTRACT, BUT WILL BE INCLUDED IN A SUBSEQUENT PROJECT CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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.
- CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
- EXISTING UTILITIES AND THEIR LOCATIONS, 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.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 800-344-7233
OR 687-2410 (LOCAL WICHITA)
- THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

COX COMMUNICATIONS (CABLE) 267-0661
WESTAR (ELECTRIC) 261-6572
KANSAS GAS SERVICE (GAS) 832-3101
SBC (TELEPHONE) 800-810-8390
CITY OF WICHITA WATER & SEWER 267-6000
AQUILA (GAS) 946-0036
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS 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. 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.
- ALL EARTHWORK COMPACTION SHALL BE 95% DENSITY.
- OTHER PUBLIC IMPROVEMENT CONSTRUCTION PROJECTS MAY BE UNDER WAY SIMULTANEOUSLY. THE CONTRACTOR SHALL COORDINATE WITH ANY CONTRACTORS CONSTRUCTING OTHER PORTIONS OF THE PROJECT.
- POND CUTS ON SITE BY DEEPENING ONLY, OR MAY BE FURNISHED BY CONTRACTOR COORDINATE WITH ENGINEER. COST SUBSIDIARY TO PROJECT.
- CONTRACTOR SHALL SEED ALL DISTURBED AREAS AS NOTED. (REFER TO SHEET 6)
- ALL EXISTING TRASH / DEBRIS WITHIN THE CONSTRUCTION AREAS SHALL BE REMOVED AND DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AND MEET THE REQUIREMENTS OF NOTE 9 ABOVE. THIS SHALL BE CONSIDERED SUBSIDIARY TO SITE CLEARING AND RESTORATION.

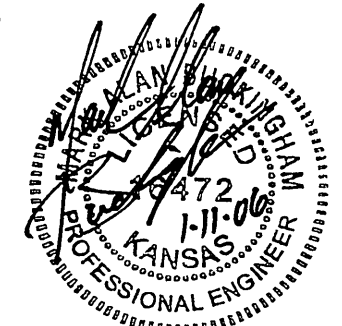


OVERALL SITE
SCALE: 1" = 150' 0"



BENCHMARKS

- BM #1** Square cut on SE corner of S. hubguard of R.C.B.C. 13' West of SE. Cor. SE. 1/4, Sec. 28, T26S, R11W. Elev. = 133152 (NGVD) 144.12 (City)
- BM #2** Railroad spike in W. face of power pole East of Ridge and 5th pole S. of K-96 (120' E. of SE. corner of Plat). Elev. = 133630 (NGVD) 148.90 (City)
- BM #3** Square cut top of curb of W. side of median island and 10' N. of S. end; said median island lying South of K-96. Elev. = 133538 (NGVD) 147.98 (City)
- BM #4** 5/8" rebar with red cap MKEC Des. Cap 182' south of north property line and 448' west of Ridge Road. Elev. = 133139 (NGVD) 143.99 (City)
- BM #5** 5/8" rebar with red MKEC Des. Cap 113' South of north property line and 1242' west of Ridge Road. Elev. = 133139 (NGVD) 143.98 (City)



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SURVEY PLAN
3	MASS GRADING NOTES & DETAILS
4-5	MASS GRADING PLAN
6	EROSION CONTROL PLAN
7-10	SOIL EROSION BMP DETAIL
11	BUBBLE MAP
12	PLAT

EARTHWORK SUMMARY

BASE BID EXCAVATION	20,900 C.Y.
BORROW EXCAVATION * (CONTRACTOR PROVIDED)	3340 C.Y.
COMPACTED FILL (90% DENSITY) ‡	20200 C.Y.

‡ 20% HAS BEEN ADDED TO FILL QUANTITIES TO ALLOW FOR COMPACTION AND HANDLING.
* BORROW EXCAVATION (CONTRACTOR PROVIDED) CAN COME FROM DEEPENING THE GROUNDWATER PIT AND/OR BE BROUGHT IN FROM OFF-SITE

TITLE SHEET
SHEET TITLE
04394
PROJECT #

DESIGN BY
MAB
DRAWN BY
MKEC
CHECKED BY
MAB/JAG

ISSUED
11 JANUARY 2006
REVISED

SHEET NO.
1 of 12

PLOTDATE: Tuesday, January 10, 2006 @ 12:54PM