

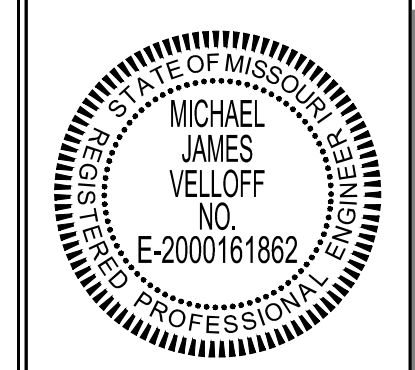
GRADING LEGEND	
ST	STORM PIPE (< 10" NEW)
---	STORM PIPE (> 12" NEW)
---	STORM PIPE (> 12" EXISTING)
FD	FRENCH DRAIN
CD	BACK OF CURB DRAIN
ADA	ADA PATH OF TRAVEL
XXXX	MAJOR CONTOUR (NEW)
XXXX	MINOR CONTOUR (NEW)
XXX	MAJOR CONTOUR (EXISTING)
XXX	MINOR CONTOUR (EXISTING)
---	LIMITS OF DISTURBANCE
TC XXXX.XX	TOP OF CURB ELEVATION (NEW)
G XXXX.XX	GUTTER ELEVATION (NEW)
FG XXXX.XX	FINISHED GRADE ELEVATION (NEW)
FG XXXX.XX	SPOT ELEVATION (EXISTING)
SG	STORM GRATE (NEW)

PRIOR TO PLACING FRAMEWORK ON COMPLEX ADA RAMP DESIGNS, CONTRACTOR SHALL SUBMIT AN RFI WITH ADDITIONAL SURVEY DATA TO THE CONSULTANT. CONSULTANT WILL FINALIZE RAMP DESIGN AND RESPOND TO THE RFI.

- MISCELLANEOUS GRADING NOTES**
- GAS CANOPY INSTALLER SHALL INSTALL THE CANOPY COLUMN DRAIN PIPE AND OVERFLOW FITTING. THE STORM WATER INSTALLER SHALL CONNECT THEIR PIPING TO THE GAS INSTALLER'S OVERFLOW FITTING.
 - TO AVOID ANY DEFINED CRESTS OR SUMPS, "GRADE BREAKS" SHALL BE CONSTRUCTED AS A "VERTICAL CURVE". SURVEYOR & CONTRACTOR SHALL CONFER WITH QUIKTRIP CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION STAKING OR CONCRETE PLACEMENT RELATIVE TO ANY GRADE BREAKS.
 - WHEN PLAN GRADES DEPICT RUNOFF TO BE DIRECTED AWAY FROM THE CURB, USE DRAIN AWAY CURB ALTERNATE. (RE: A1-C523)

BENCHMARKS:
 FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) REFERENCE MARK 66 - CROSS CUT ON THE WEST BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF MILL POND DR. AND SPRING HILL DR. ELEVATION-581.74 ESTABLISHED FROM GRADING PLAN BY CLAYTON ENGINEERING DATED 6-12-2003
 SITE TBM - CENTER OF HEADWALL ON THE WEST SIDE OF HIGHWAY K AT BELLEAU CREEK EL=511.13.

FLOODPLAIN EARTHWORK:
 CUT AREA IN FLOODPLAIN - 310 CU. YDS.
 FILL AREA IN FLOODPLAIN - 293 CU. YDS.
 NET CUT IN FLOODPLAIN - 17 CU. YDS.



PROJECT NO: 141029
 NAME: MICHAEL J. VELLOFF
 LICENSE NUMBER: E-2000161862
 DISCIPLINE: CIVIL
 CORPORATION AUTHORITY NUMBER: 001194
 THE SEAL OF MICHAEL J. VELLOFF ON THIS DRAWING APPLIES ONLY TO THE CIVIL SITE ENGINEERING WORK SHOWN. IT DOES NOT APPLY, NOR IS ANY RESPONSIBILITY TAKEN FOR ENVIRONMENTAL, GEOTECHNICAL (INCLUDING BUT NOT LIMITED TO SLOPE STABILITY), STRUCTURAL, HVAC, PLUMBING, ELECTRICAL, FIRE PROTECTION, TRAFFIC ENGINEERING, SURVEYING (BOUNDARY AND TOPOGRAPHIC), OR ARCHITECTURAL (BUILDING OR LANDSCAPE).

QuikTrip No. 0643S
 8601 Mexico Road
 O'Fallon, Missouri 63366



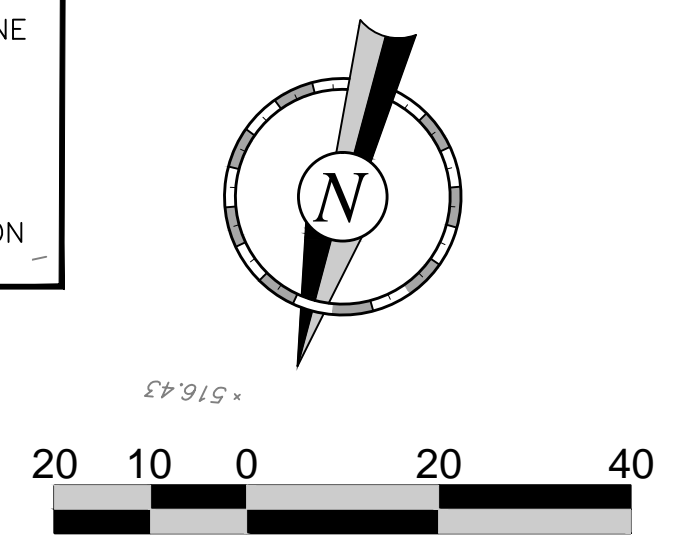
PROTOTYPE: P-83
 DIVISION: 06
 VERSION: 001
 DESIGNED BY: RKF
 DRAWN BY: RKF
 REVIEWED BY: MJV

REV	DATE	DESCRIPTION
1	12-21-15	CONSTRUCTION SET

SHEET TITLE:
 GRADING PLAN

SHEET NUMBER:
 C110

ORIGINAL ISSUE DATE: 07-24-15



FILE LOCATION: K:\141029 - QuikTrip #0643 Mexico and Highway K (City)\06-0643 C110.dwg USER: rkrkyer SAVED: 12/17/2015 9:08 AM PLOTTED: 12/17/2015 9:01 AM