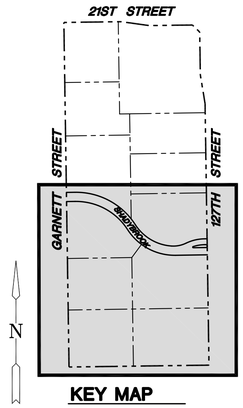
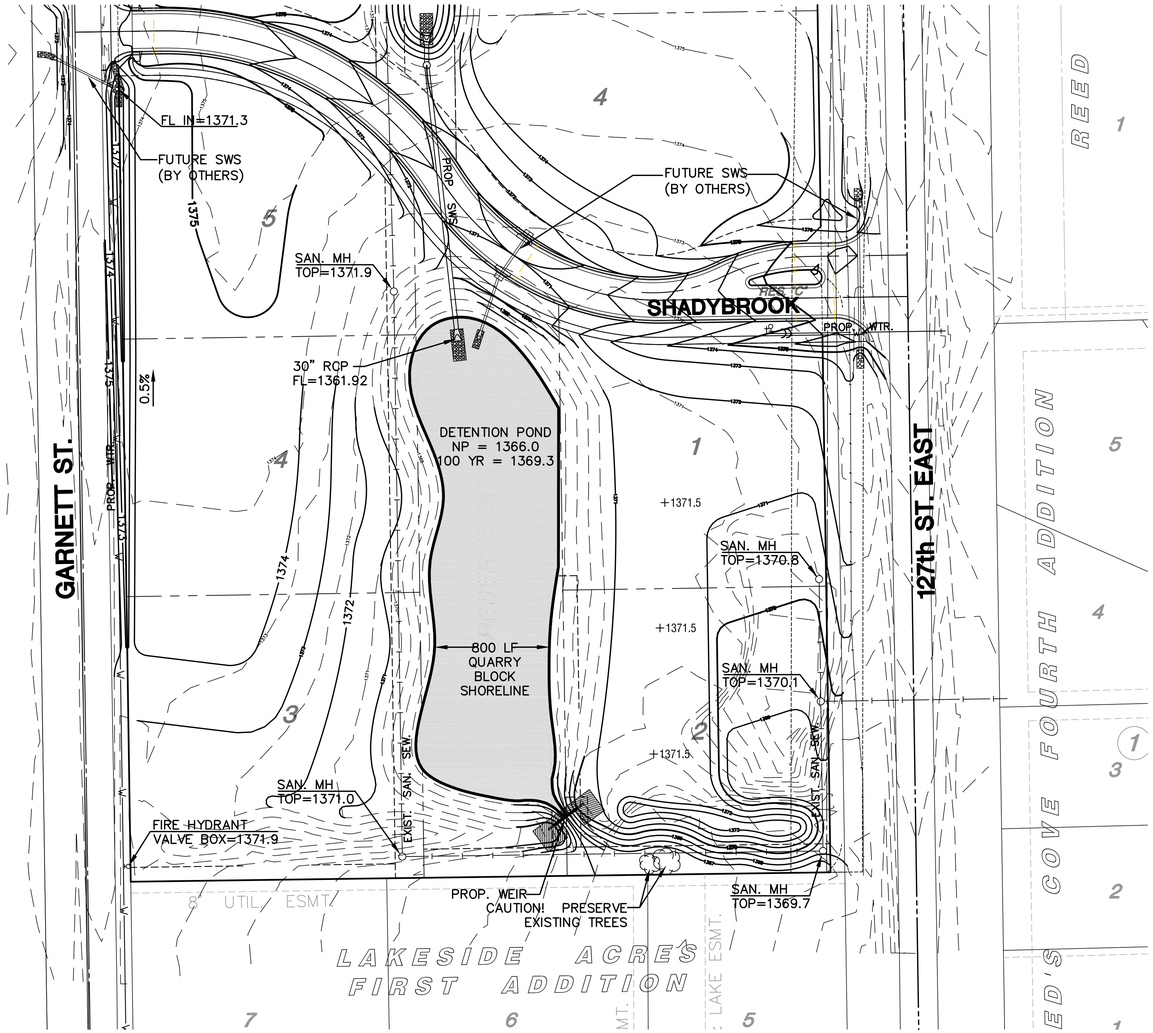
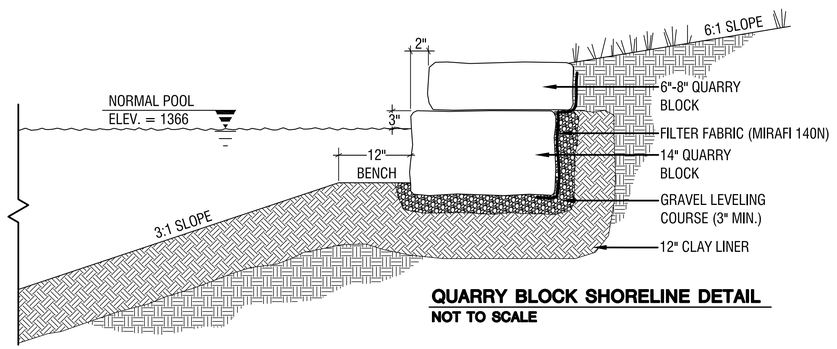


KEY MAP

LEGEND

- 1373 - EXISTING CONTOUR
- 1375 - PROPOSED CONTOUR
- +1371.5 - SPOT ELEVATION
- OHE - OVERHEAD ELECTRIC
- UGE - UNDERGROUND ELECTRIC
- UGT - UNDERGROUND TELEPHONE
- G - GAS LINE
- W - WATER LINE
- SANITARY SEWER





QUARRY BLOCK SHORELINE DETAIL
NOT TO SCALE

DRY-STACK QUARRY BLOCK STONE

14" NATURAL LEDGE
6"-8" NATURAL LEDGE
AVERAGE LENGTH: 4' TO 6'
MINIMUM COMPRESSIVE STRENGTH: 10,000 PSI
COLOR: FLINT HILLS GRAY

PLACEMENT

MINIMUM STONE OVERLAP IN WALL COURSE SHALL BE 12". WALL GAP BETWEEN VERTICAL JOINTS SHALL BE NO MORE THAN 1" MAX. WHERE NECESSARY, FILL MATERIAL (SMALL ROCK) SHALL BE USED TO FILL GAPS. THESE AREAS SHALL BE KEPT TO A MINIMUM. FIELD VERIFY WITH OWNER'S REPRESENTATIVE PRIOR TO FINAL ACCEPTANCE.

SURFACE FINISH

EXPOSED WALL SURFACE SHALL HAVE A DRESSED STONE FINISH.

FILTER FABRIC

MIRAFI NON-WOVEN GEOTEXTILE FILTER FABRIC 140N (OR APPROVED EQUAL)

GRAVEL LEVELING COURSE

LEVELING COURSE SHALL BE 3" MINIMUM IN DEPTH

CLAY LINER

THE EXISTING DETENTION POND WAS CONSTRUCTED WITH A CLAY LINER. TO ENSURE THE POND WILL CONTINUE TO HOLD WATER AFTER INSTALLATION OF THE QUARRY BLOCK, THE CONTRACTOR SHALL RE-ESTABLISH A CONTINUOUS, IMPERVIOUS CLAY LINER AREA UNDER THE QUARRY BLOCK WALL. THE CLAY LINER IN THIS AREA SHALL BE CONSTRUCTED IN TWO SIX-INCH LIFTS, CONSISTING OF CLAY MATERIAL HAVING A MINIMUM P.I. OF 30. CLAY MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95%, PER OF ASTM D698

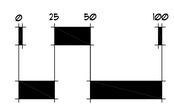
STONE SOURCE

KEITH SCOTT & COMPANY, INC.
P.O. BOX 1828
BLUE SPRINGS, MISSOURI 64103
OFFICE: 816-224-8850

BAYER STONE, INC.
120 N. 6th STREET
ST. MARYS, KANSAS 66536
TEL: 785-437-2781 FAX: 785-437-3780

US STONE INDUSTRIES, LLC
3515 W. 75th STREET
PRAIRIE VILLAGE, KANSAS 67208
TEL: 913-529-4154

SHORELINE PROTECTION
SCALE: 1" = 50'-0"



SCALE 1"=50'-0"

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

GRADING AND DRAINAGE PLANS

SUMMIT CROSSING

WICHITA, KANSAS

SHORELINE PROTECTION
SHEET TITLE

08542
PROJECT NUMBER

MKEC
DESIGN BY

RKO
DRAWN BY

GJA
CHECKED BY

ISSUED
May 2010

REVISED

SHEET NO.
2 of 11

PLOTTED: Wednesday, May 05, 2010 @ 10:06AM

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