Benefit Drainage Area
Total Area=0.82 Acres
Prop. Asphalt Millings Area=0.23 Acres
Grassed Area=0.41 Acres
Roof Top Area=0.18 Acres

Weighted 'C' Factor
(0.23 Acres x 0.88) + (0.41 Acres x 0.31) +
(0.18 Acres x 0.85) \ 0.82 Acres =0.48

5 Year Storm Runoff
Area=0.82
Weighted 'C'=0.48
TC=15 Minutes(Min.)
i5=4.62"/hr.
Q5=1.82 cfs

STORM WATER SEWER NO. 1(15" SWS)

STORM WATER SEWER NO. 2(18" SWS)

Benefit Drainage Area
Total Area=1.21 Acres
Prop. Asphalt Millings Area=0.35 Acres
Exist. Asphalt Pavement=0.61
Grassed Area=0.08
Roof Top Area=0.17

Weighted 'C' Factor
(0.96 Acres x 0.88) + (0.08 Acres x 0.41) +
(0.17 Acres x 0.85) \ 01.21 Acres =0.84

5 Year Storm Runoff
Area=1.21
Weighted 'C'=0.84
TC=15 Minutes(Min.)
i5=4.62"/hr.
Q5=4.70 cfs

50 25 0 50

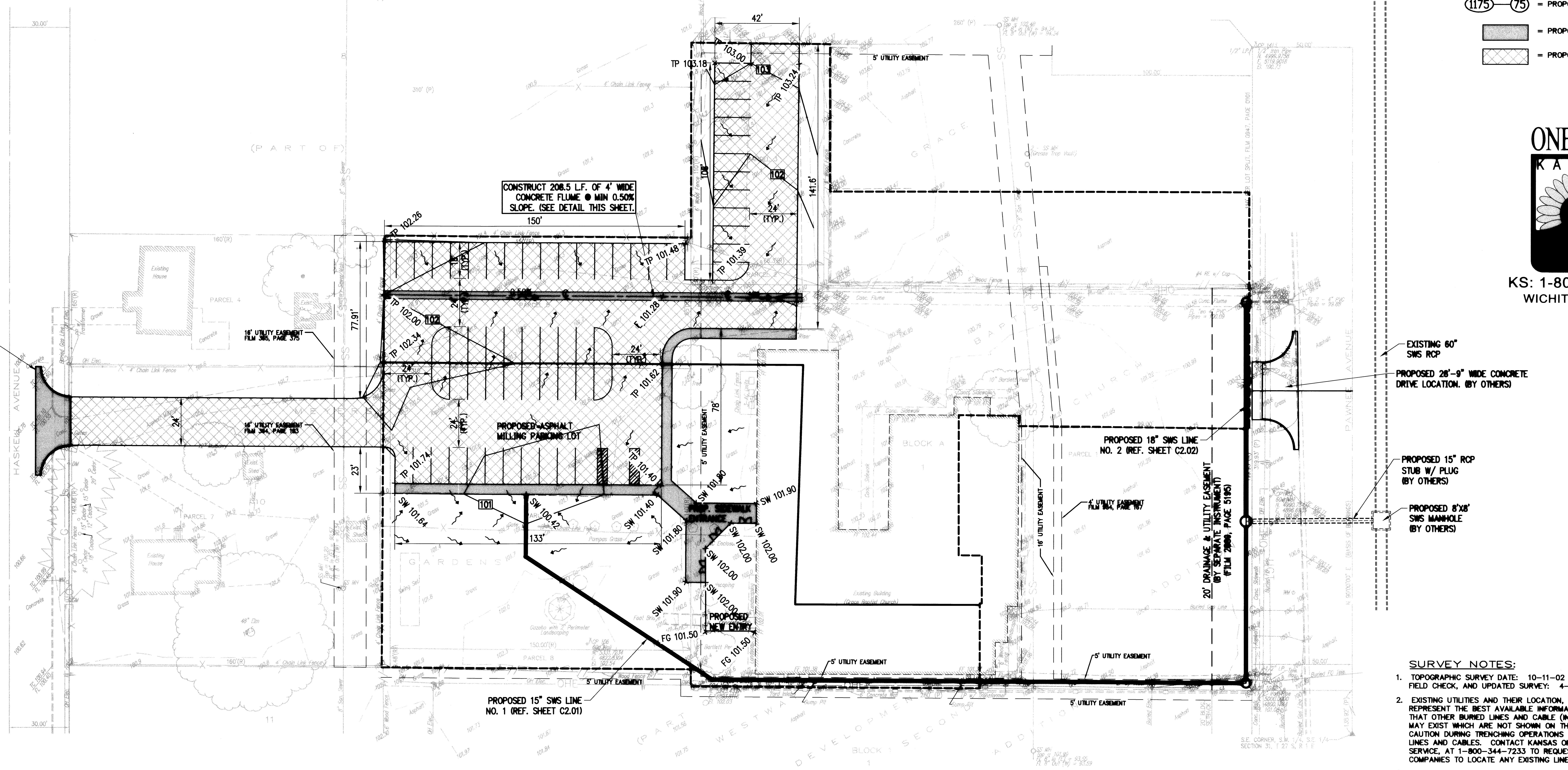
LEGEND:

PP POWER POLE
LP STREET LIGHT POLE
WM WATER METER
WV WATER VALVE
STREET/TRAFFIC SIGN
SS MH MANHOLE
GM GAS METER
EXISTING CONTOURS, (@ 1-FT. INTERVALS)

GRADING LEGEND

TC XX.XX = TOP OF CURB
G XX.XX = GUTTER
FG XX.XX = FINISHED GRADE
℄ XX.XX = FLOW LINE
HP XX.XX = HIGH POINT
SW XX.XX = SIDEWALK
= PROPOSED RIDGELINE
= PROPOSED CONTOUR(MAJOR)
102 = PROPOSED CONTOUR(MINOR)
1.00%(MIN.) = PROPOSED FLOW DIRECTION W/SLOPE
(1175)—(75) = PROPOSED CONTOUR ELEVATIONS
= PROPOSED CONCRETE FLUME
= PROPOSED ASPHALT MILLINGS

ONE CALL KANSAS
KS: 1-800-344-7233
WICHITA: 687-2470



SURVEY NOTES:

1. TOPOGRAPHIC SURVEY DATE: 10-11-02
   FIELD CHECK, AND UPDATED SURVEY: 4-12-07
2. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST AVAILABLE INFORMATION. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLE (INCLUDING PRIVATELY OWNED) MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES AND CABLES. CONTACT KANSAS ONE-CALL, A UTILITY LOCATION SERVICE, AT 1-800-344-7233 TO REQUEST THE LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA.
3. UTILITY OPERATING AUTHORITIES:

   CITY OF WICHITA WATER & SEWER DEPARTMENT
   316-268-4555

   KANSAS GAS SERVICE
   1-800-482-4950

   WESTAR ENERGY
   316-383-8600

   SBC COMMUNICATIONS
   1-800-870-8390

   COX COMMUNICATIONS
   316-262-0661
4. PARCEL NUMBERS, AND THEIR PROPERTY DIMENSIONS LABELED (R) ARE OBTAINED FROM RECORD INFORMATION PROVIDED IN TITLE COMMITMENT DATED AUGUST 19, 2002.

Crafton Tull Sparks
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GRACE BAPTIST CHURCH
1414 W. PAWNEE
WICHITA, KANSAS
ISSUED FOR CONSTRUCTION

Revision

GRADING PLAN

Drawn by CKW	Job Number 073001-00
Checked by JCM	Contact Person J. MOHLER
Date 04/23/07	Sheet Number C1.01

DRAWING FILE NAME AND LOCATION: G:\073001-00\ENG\dwg\!GRADING.dwg, LAYOUT TAB: GRADING
LAST SAVED BY CW3002, 6/29/2007 3:35:21 PM
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