

# KCG, INC. PARKING LOT LEE'S SUMMIT SOUTH INDUSTRIAL PARK IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MO.

## NOTES:

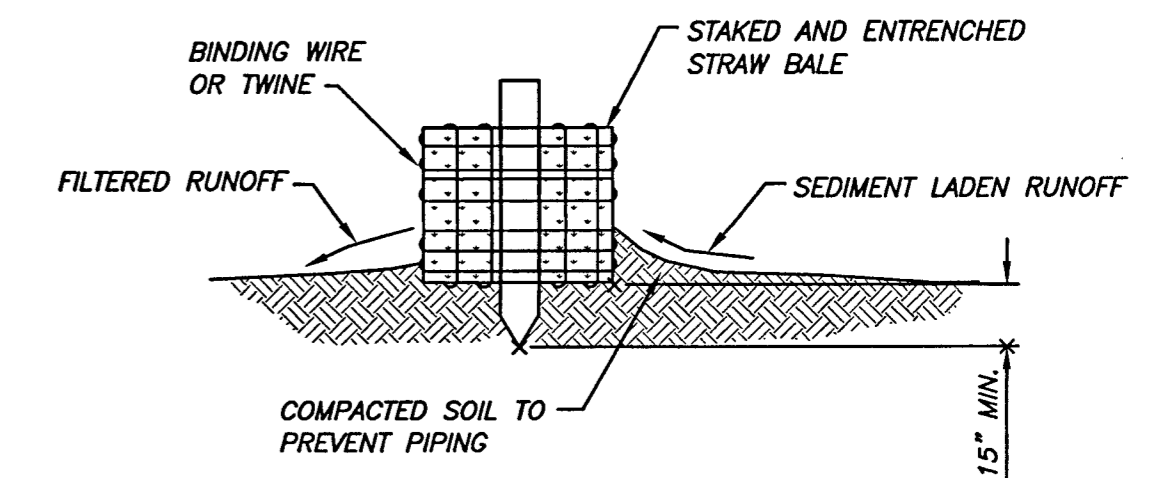
- PARKING LOT LIGHTING WHERE SHOWN ON THE SITE PLAN ARE SHOE BOX TYPE MOUNTED @ 20'-0" ABOVE GRADE (18' POLE ON 2" BASE) WITH A 250W LAMP.
- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S DESIGN AND CONSTRUCTION MANUAL, AS STATED IN ORDINANCE NO. 3719.
- PUBLIC WORKS INSPECTIONS (969-7450) MUST BE CONTACTED TWENTY-FOUR (24) HOURS PRIOR TO ANY EXCAVATION ON SITE.
- THE CONTRACTOR SHALL ACQUIRE A KNOX BOX FROM THE LEE'S SUMMIT FIRE DEPARTMENT (969-7519) PRIOR TO CONSTRUCTION.
- THE PARKING LOT AND ENTRANCE SHALL BE CONSTRUCTED WITH A DOUBLE CHIP AND SEAL. SEE TYPICAL PAVEMENT SECTION, THIS SHEET.

## APPLICANT:

KCG, INC.  
15720 WEST 108TH STREET  
SUITE 100  
LENEXA, KS 66219  
(913)438-4142

## OWNER:

KCG, INC.  
15720 WEST 108TH STREET  
SUITE 100  
LENEXA, KS 66219  
(913)438-4142



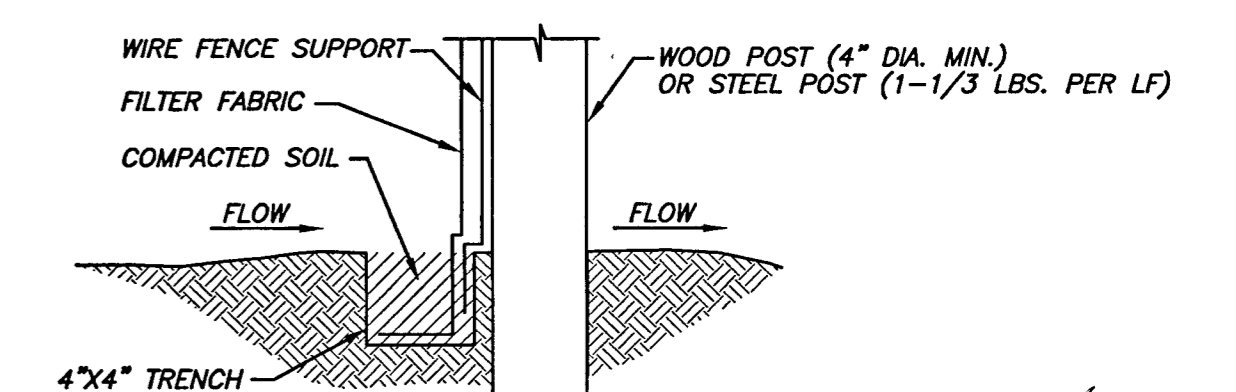
## SECTION

## NOTES:

- EXCAVATE A TRENCH ALONG THE AREAS THAT THE STRAW BALES WILL BE USED AS EROSION CONTROL TO A DEPTH OF 4" AND TO THE WIDTH OF ONE (1) STRAW BALE. THE STRAW BALES THEN SHALL BE PLACED IN THE TRENCH. SAVE EXCAVATED MATERIAL ON THE UPSLOPE SIDE OF THE TRENCH.
- STRAW BALES SHOULD BE ANCHORED WITH A MINIMUM OF 2 STAKES OR REBARS DRIVEN INTO THE UNDERLYING SOIL, MAKING SURE THAT THE BINDING WIRE OR TWINE IS FACING THE SIDES AND NOT TOUCHING THE SOIL. THE FIRST STAKE INTO EACH BALE SHOULD BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THEM TOGETHER.
- SPACING BETWEEN THE BALES SHOULD BE TIGHTLY CHINKED WITH LOOSE STRAW.
- AFTER STRAW BALES ARE IN PLACE, THE EXCAVATED SOIL SHOULD BE BACKFILLED AGAINST THE UPSLOPE SIDE OF THE STRAW BALES TO A HEIGHT OF 4" AFTER COMPACTING.
- STRAW BALES SHOULD BE INSPECTED AFTER EACH RAINFALL TO DETERMINE IF ANY REPAIRS OR REPLACEMENTS TO THE STRAW BALES ARE NEEDED. IF IT IS DETERMINED THAT THE STRAW BALES NEED TO BE REPAIRED OR REPLACED, THIS SHOULD BE DONE IMMEDIATELY. SEDIMENT ACCUMULATIONS MUST BE REMOVED WHEN THEY REACH A HEIGHT 1/2 THE BARRIER HEIGHT.

## SD-48 STRAW BALE INSTALLATION

N.T.S.



## SECTION

APPROVED BY: *[Signature]*  
DATE: 4/24/01  
CITY OF LEE'S SUMMIT  
ENGINEERING DEPARTMENT

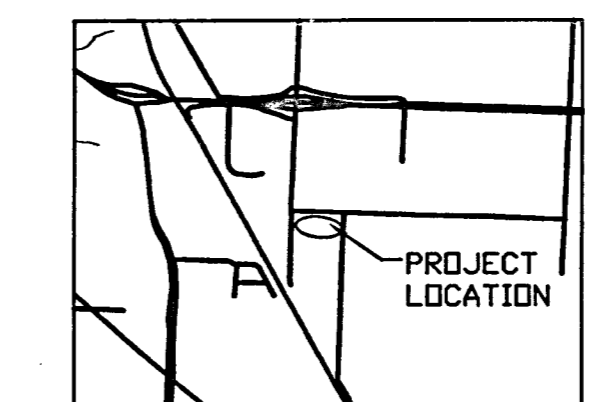
## NOTES:

- THE MAXIMUM SLOPE LENGTH ABOVE THE FENCE SHOULD BE LESS THAN 100 FEET.
- NO DITCH OR DRAINAGE WAY WITH AN AREA GREATER THAN 5 ACRES SHALL BE ENCLOSED ABOVE A SILT FENCE.
- NO SILT FENCE SHALL BE CONSTRUCTED IN A LIVE STREAM OR DRAINAGE WAY WITH EXPECTED FLOWS GREATER THAN 1 CFS.
- THE FILTER FABRIC SHALL HAVE A MINIMUM FILTERING EFFICIENCY OF 75%, A MINIMUM TENSILE STRENGTH OF 30 LBS. PER LINEAR INCH AND A FLOW RATE OF 0.3 GALLONS PER SQUARE FOOT PER MINUTE. THE FILTER FABRIC SHALL ALSO HAVE ULTRAVIOLET RAY INHIBITORS TO ASSURE A LIFE USE EXPECTANCY OF 6 MONTHS AT 0 TO 100 DEGREES FAHRENHEIT.
- THE FILTER FABRIC SHALL BE 36 INCHES OR LESS IN HEIGHT, WITH JOINTS AT EVERY POST AVOIDING OVERLAP IF POSSIBLE (6" MIN. OVERLAP IF NECESSARY) AND POSTS SPACED EVERY 10 FEET WITH WIRE MESH SUPPORT OR 6 FEET WITHOUT SUPPORT, MAKING SURE THAT A MIN. OF 8" OF FABRIC IS BURIED IN THE 4'x4' TRENCH.
- THE SILT FENCE SHALL BE INSPECTED AFTER EVERY RAINFALL TO DETERMINE IF ANY PART OF THE FENCE NEEDS TO BE REPAIRED OR REPLACED. IF IT IS DETERMINED THAT THE FENCE NEEDS ANY REPAIR OR REPLACEMENT THIS SHALL BE DONE IMMEDIATELY.

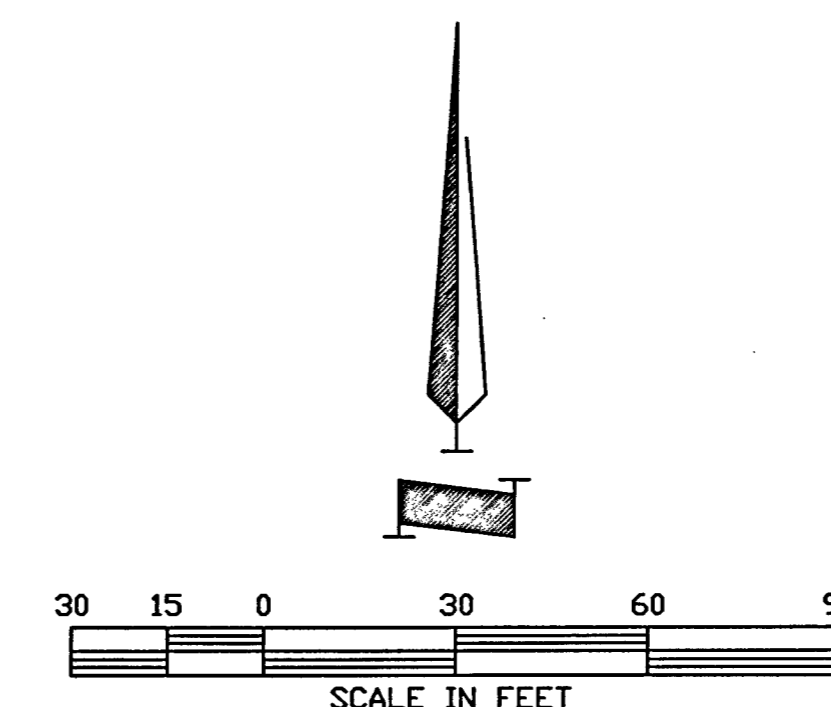
SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL OR BEFORE THEY ACCUMULATE TO 1/2 OF THE FENCE HEIGHT.

## SD-48A SILT FENCE INSTALLATION

N.T.S.



SECTION 17, TOWNSHIP 47, RANGE 31  
VICINITY MAP  
NOT TO SCALE

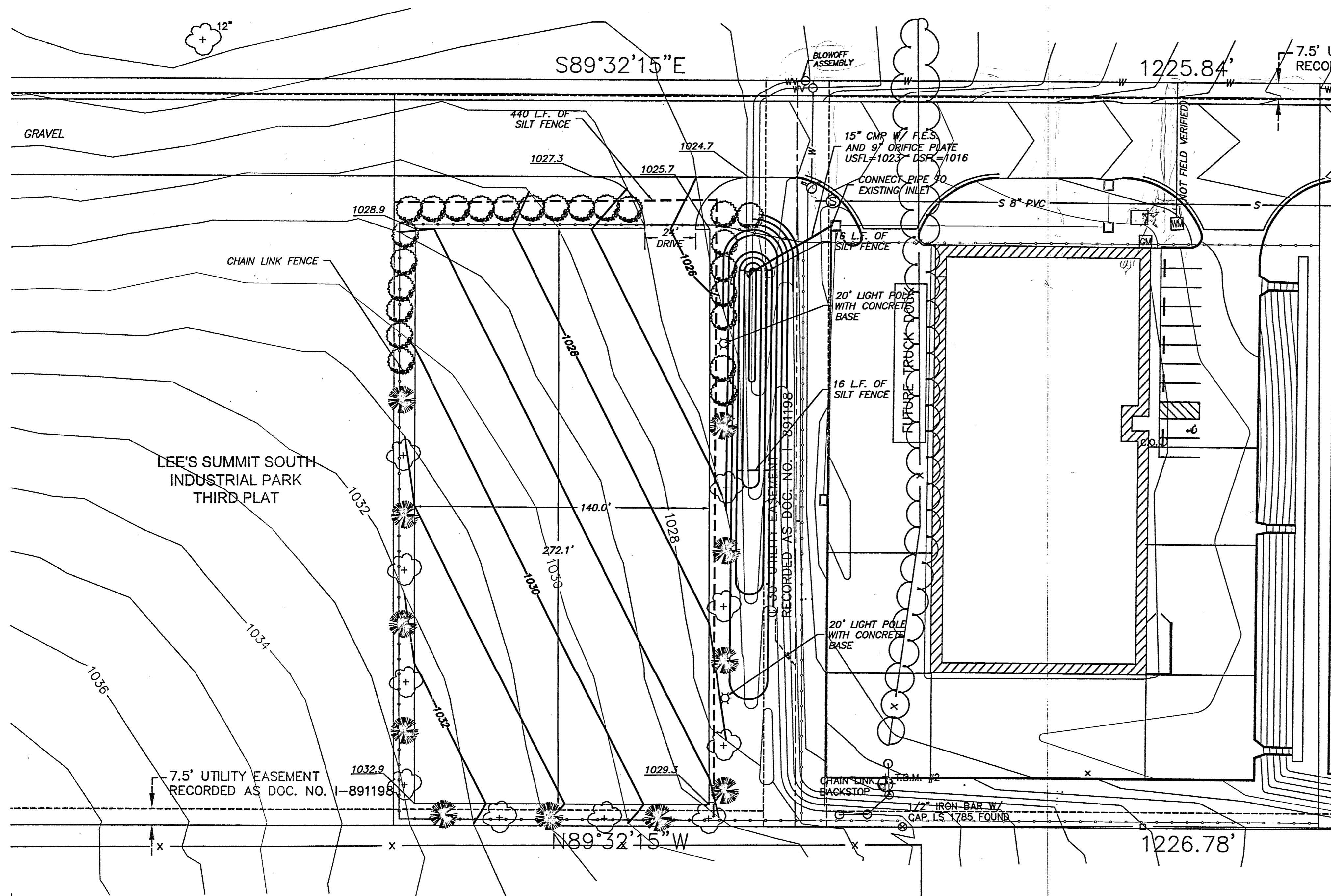


## LEGAL DESCRIPTION:

LOT 2, LEE'S SUMMIT SOUTH INDUSTRIAL PARK, THIRD PLAT,  
A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

## SD-48A SILT FENCE INSTALLATION

N.T.S.

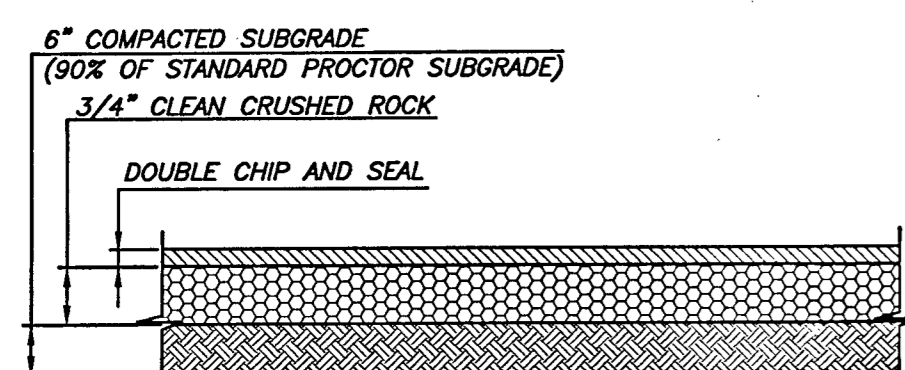


## PLANT LIST:

	NAME	NUMBER	SIZE
	DECIDUOUS TREES LOCUST SHADE TREE	10	3"
	EVERGREEN TREES 10' EVERGREEN	11	10'
	SHRUBS CORNUS STOLONIFERA REDTWIG DOGWOOD	24	5 GAL.

## LEGEND

- SAN ○ EXIST. SANITARY MANHOLE
- S — EXIST. SANITARY LINE
- 12" W — EXIST. 12" WATER LINE
- FH ○ EXIST. FIRE HYDRANT
- W V ○ EXIST. WATER VALVE
- C I □ EXIST. CURB INLET
- \* ○ PROPOSED EXTERIOR LIGHT POLE AS LISTED IN NOTE NO. 1 ABOVE
- — — EXISTING CHAIN LINK FENCE
- - - - - PROPOSED CHAIN LINK FENCE
- - - - - EROSION CONTROL



TYPICAL PAVEMENT SECTION  
N.T.S.

BENCHMARK:  
BM1: SET RAILROAD SPIKE IN EAST FACE OF POWER POLE 60' NORTH AND 60' WEST OF THE SOUTHWEST CORNER OF LOT 3. ELEVATION = 1040.85

BM3: SET RAILROAD SPIKE IN WEST FACE OF POWER POLE 105' NORTH AND 60' EAST OF SOUTHWEST CORNER OF LOT 3. POWER POLE ON EAST RIGHT-OF-WAY FENCE OF HAMBLEN ROAD. ELEVATION = 1009.27

DRAWING FILE NAME: KCG-GRO1.DWG		DOCUMENT NO.:	USER I.D.:		
DATE LAST SAVED: 02/27/01	PLOT SCALE: 1:1	DATE/TIME PLOTTED: 02/27/01	CHECKED BY: BSB		
FILES ATTACHED: 1	DESIGNED BY: AMS	DRAWN BY: AMS			
ATTACHED FILE NAMES: KCGBASE.DWG	No.	DATE	BY	REVISION	
	1	04/18/01	AMS	REVISED PER CITY COMMENTS	



E. T. ARCHER CORPORATION D.B.A.  
**Archer**  
TOTAL PROJECT MANAGEMENT  
CORPORATE OFFICE: 3741 NE TROON DRIVE  
LEE'S SUMMIT, MO 64064  
816-554-3019 • Fax 816-554-3061

- ### OTHER OFFICE LOCATIONS
- 8340 MISSION ROAD, SUITE 240, PRARIE VILLAGE, KS 66206 • 913-652-8757 • FAX 816-347-1399
  - 187 E. DAVID, P.O. BOX 969, FORSYTH, MO 65653 • 417-546-3218 • FAX 417-546-5324
  - 800 STARKS BUILDING, LOUISVILLE, KY 40202 • 502-581-9484 • FAX 502-581-9485
  - 1000 CITY PARKWAY, OSAGE BEACH, MO 65065 • 573-348-3222 • FAX 573-348-3499
  - 1001 KINGS HIGHWAY, SUITE 7, P.O. BOX 537, ROLLA, MO 65402 • 573-364-3420 • FAX 573-364-4170
  - 305 CARPENTER DRIVE, HOLLISTER, MO 65672 • 417-334-7817 • FAX 417-334-8912
  - 255 SO. UNION, SPRINGFIELD, MO 65802 • 417-865-4083 • FAX 417-865-4085
  - 2480 EXECUTIVE DRIVE, SUITE 116, ST. CHARLES, MO 63303 • 636-477-8389 • FAX 636-477-7569

KCG, INC.  
LEE'S SUMMIT SOUTH INDUSTRIAL PARK  
LEE'S SUMMIT, MISSOURI

PARKING LOT  
GRADING PLAN AND GENERAL LAYOUT  
FOR PARKING LOT PERMIT

PROJECT NO.  
21125201

DRAWING NO.  
C1