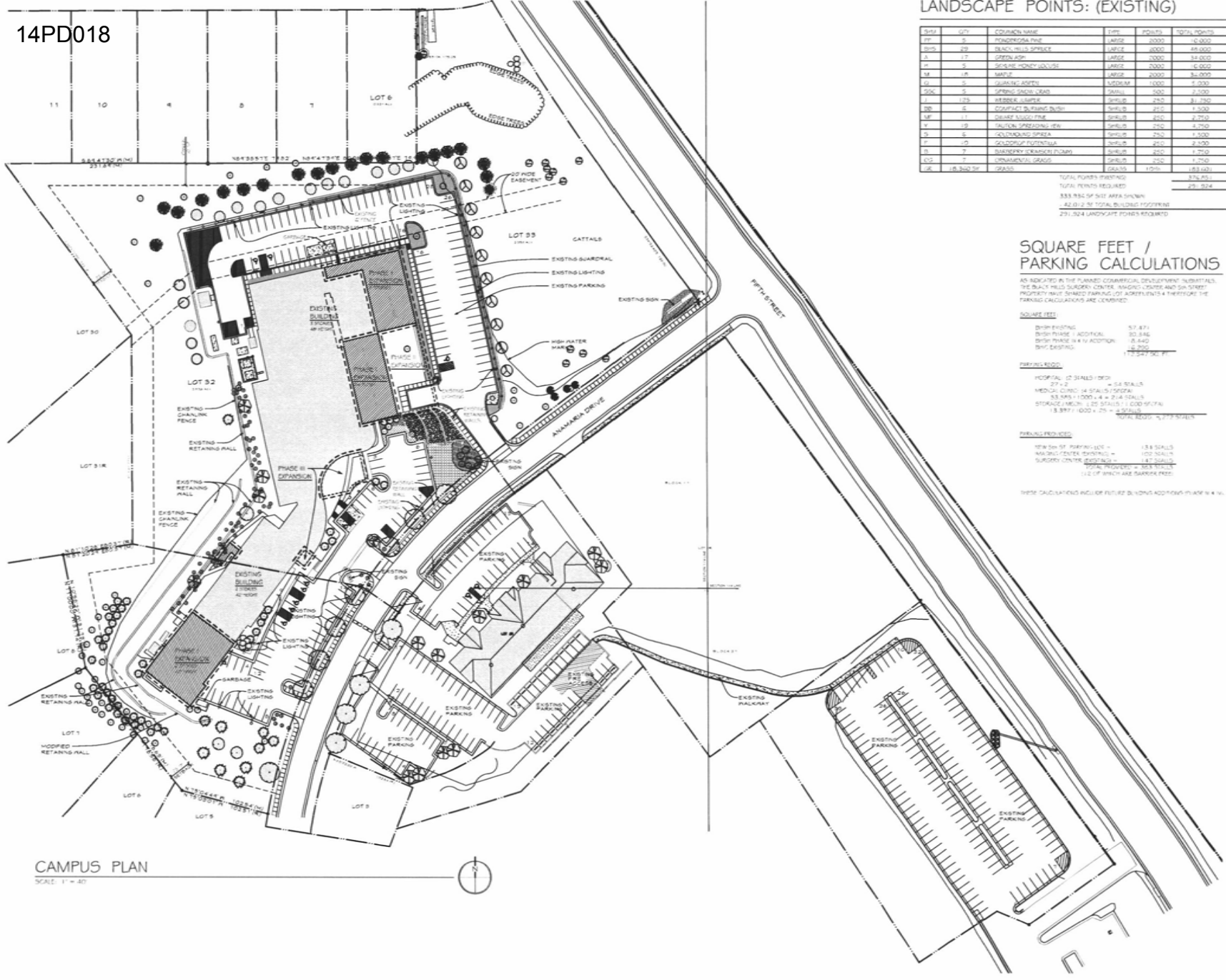


14PD018



CAMPUS PLAN
SCALE: 1" = 40'

LANDSCAPE POINTS: (EXISTING)

SP#	QTY	COLORADO NAME	TYPE	HEIGHT	TOTAL HEIGHT
PP	5	PIEDMONT PINE	LARGE	2000	10,000
SP#5	25	BLACK HILLS SPRUCE	LARGE	4000	100,000
A	17	GREEN ASPEN	LARGE	7000	119,000
H	5	SCOTCH PINE	LARGE	2000	10,000
M	10	MAPLE	LARGE	2000	20,000
U	5	QUAKERS	MEDIUM	1000	5,000
SSC	5	SPRING SAGE	SMALL	500	2,500
SP	120	SPRING SAGE	SMALL	250	30,000
SP	5	COMPACT BURNING BUSH	SMALL	250	1,250
MF	11	SHAW SPIDER	SMALL	250	2,750
V	10	VAULTED SPREADING	SMALL	250	2,500
D	5	DOUGLASS SPIDER	SMALL	250	1,250
F	10	FRAXINUS	SMALL	250	2,500
B	7	BURNING BUSH	SMALL	250	1,750
UC	7	UNIDENTIFIED	SMALL	250	1,750
GR	18,340 sq	GRASS	GRASS	1750	32,095

TOTAL POINTS REQUIRED: 326,244
 TOTAL POINTS PROVIDED: 25,524
 300,720 sq. ft. NET AREA (SINCE)
 42.0 ± 2' sq. ft. TOTAL BUILDING FOOTPRINT
 291,524 LANDSCAPE POINTS REQUIRED

SQUARE FEET / PARKING CALCULATIONS

AS INDICATED IN THE PLANNED COMMERCIAL DEVELOPMENT SUBMITTALS, THE BLACK HILLS SURGICAL CENTER, RADIO CENTER AND 5th STREET PROPERTY MUST SHARED PARKING OF APPROXIMATELY 4,700 SPACES. THE PARKING CALCULATIONS ARE LISTED BELOW.

SQUARE FEET		
EXISTING BUILDING	117,871	
PHASE I ADDITION	82,246	
PHASE II & III ADDITION	1,442	
TOTAL BUILDING	201,559	
PARKING REQUIRED		
HOSPITAL (2 STALLS/DOOR)	27 ± 2	
MEDICAL CENTER (4 STALLS/DOOR)	134 STALLS	
53,395 ÷ 1,000 × 4 = 213.6 STALLS		
STORAGE (AREA) (200 STALLS = 1,000 SF/TA)	100 STALLS	
13,397 ÷ 1,000 × 25 = 334.9 STALLS		
TOTAL REQUIRED	4,700 STALLS	
PARKING PROVIDED		
1000 SQ. FT. PARKING SPACE	134 STALLS	
MEDICAL CENTER (PHASE I)	100 STALLS	
SURGERY CENTER (PHASE II)	142 STALLS	
TOTAL PROVIDED	376 STALLS	
1,324 STALLS ARE SHARED WITH		

THESE CALCULATIONS INCLUDE FUTURE BUILDING ADDITIONS IN PHASE I & II.

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Project Title
 BLACK HILLS SURGICAL HOSPITAL
 EXPANSION & RENOVATION
 RAPID CITY, SOUTH DAKOTA

Project No.
 2014-0111
 Date
 08.28

Sheet Title
 CAMPUS PLAN

Sheet Number
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