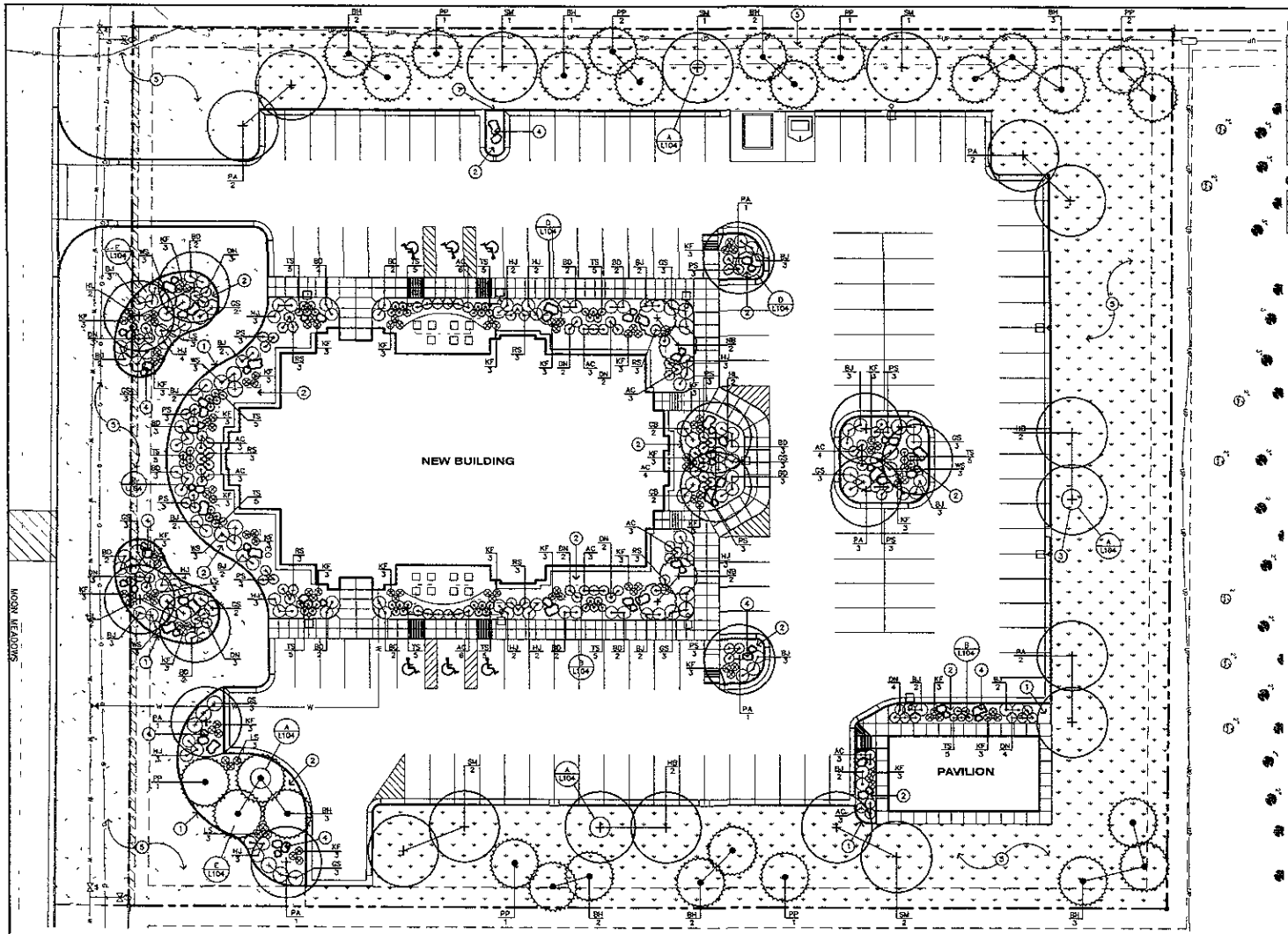
09UR002



Design Criteria

Climate	U.S. Hardiness Zone 5
Zoning ordinance	City of Rapid City Landscape Regulations 17.50.300
Water availability	40 p.s.i. and 40 g.p.m.
Soil type	Clay Loam amended with local City compost
Slopes	Flat to Moderate
Wind	Northwest
Setbacks/easements	5' Utility & Minor Drainage Easement - all sides
Microclimates	Summer - South & West Building Sides
Soil ph	6.7
Lawn Area Percentage	Irrigated 10% Non-Irrigated Native Turf 25%
Undeveloped property	NA
Irrigation system	Yes -automatic

CNA Information

Total Site Area	3.33 Acres - Property, 0.24 Acres Right-of-Way
Shrubs/Groundcover	15,334 SF
Total Landscape Area	99,161 SF
Trees on site	61

LANDSCAPE NOTES:

- UNDERGROUND UTILITIES: LOCATE ALL PUBLIC AND PRIVATE UTILITIES IN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY CONFLICTS.
- VERIFY QUANTITIES: QUANTITIES PROVIDED ON DRAWINGS ARE FOR INFORMATION ONLY. VERIFY ACTUAL QUANTITIES OF ALL MATERIALS TO COMPLETE PROJECT.
- PLANTING SOIL: PROVIDE 12" MIN. PLANTING SOIL IN ALL SHRUB AREAS. SEE SPECIFICATIONS AND LANDSCAPE DETAILS.
- LANDSCAPE DETAILS: REFER TO LANDSCAPE AND SITE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LANDSCAPE KEY NOTES:

1. LANDSCAPE CURB EDGE: 6" CONCRETE CURB EDGE - SEE LANDSCAPE DETAILS.
2. ROCK MULCH: PROVIDE 3" MIN. DEPTH AUTUMN FLAME AGGREGATES BY DAKOTA STONE (605) 574-2760 OR APPROVED EQUAL ON WEED BARRIER FABRIC. DO NOT PLACE ROCK MULCH AGAINST BRANCHES AND STEMS OF PLANT MATERIAL.
3. ORGANIC MULCH: PROVIDE 3" MIN. DEPTH SHREDDED BARK MULCH AROUND TREES IN TURF AREAS.
4. LANDSCAPE BOULDERS: PROVIDE AUTUMN FLAME LANDSCAPE BOULDERS BY DAKOTA STONE (605) 574-2760 OR APPROVED EQUAL. REFER TO BOULDER SCHEDULE FOR SIZES AND QUANTITIES.
5. TURF SEEDING: SEEDED AREAS TO HAVE A MINIMUM TOPSOIL DEPTH OF 4 INCHES. SEE TURF SEEDING REQUIREMENTS FOR SEED SPECIFICATIONS. AREAS SHOWN TO BE SEEDED ARE APPROXIMATED - REFER TO DEMOLITION, GRADING, AND UTILITY PLANS FOR AREAS DISTURBED BY CONSTRUCTION. CONTRACTOR TO SEED ALL TURF AREAS DISTURBED BY CONSTRUCTION.

LANDSCAPE SYMBOLS:

DECIDUOUS TREE
EVERGREEN TREE
ORNAMENTAL TREE
DECIDUOUS SHRUB
EVERGREEN SHRUB
PERENNIAL/GRASS
6" CONCRETE EDGING
IRRIGATED SEEDED AREA
NON-IRRIGATED SEEDED AREA
LANDSCAPE BOULDERS

PLANT MATERIAL SCHEDULE

KEY	QUANT.	COMMON NAME	BOTANICAL NAME	SIZE
DECIDUOUS TREES				
SM	7	Sensation Maple	Acer negundo 'Sensation'	2" cal. B&B
HB	4	Hackberry	Celtis occidentalis	2" cal. B&B
HL	6	Northern Acclaim Honeylocust	Gleditsia triacanthos inermis 'N. Acclaim'	2" cal. B&B
PA	13	Prairie Spire Ash	Fraxinus pennsylvanica 'Rugby'	2" cal. B&B
NB	4	Honeyberry Viburnum	Viburnum lentago	2" cal. B&B
EVERGREEN TREES				
BH	18	Black Hills Spruce	Picea glauca densata	6'-8" B&B
PP	9	Ponderosa Pine	Pinus ponderosa	6'-8" B&B

KEY	QUANT.			
DECIDUOUS SHRUBS				
CB	4	Alfredo Compact Am. Cranberry	Viburnum trilobum 'Alfredo'	15" ht.-#5 cont.
AC	44	Alpine Currant	Ribes alpinum	12" ht.-#5 cont.
DN	28	Dwarf Ninebark	Physocarpus opulifolius 'Nanus	12" ht.-#5 cont.
GS	28	Gro-low Sumac	Rhus trilobata 'Gro-Low'	9" ht.-#2 cont.
PS	30	Pygmy Peashurb	Caragana pygmaea	12" ht.-#5 cont.
RS	31	Regent Serviceberry	Amelanchier alnifolia 'Regent'	15" ht.-#5 cont.
TS	63	Tor Birchleaf Spirea	Spiraea betulifolia 'Tor	12" ht.-#5 cont.
WS	15	Western Sandcherry	Prunus besseyi	18" ht.-#5 cont.
EVERGREEN SHRUBS				
BD	36	Blueberry Delight Juniper	Juniperus communis 'AmiDak'	18"spr.-#5 cont.
BJ	36	Buffalo Juniper	Juniperus sabina 'Buffalo'	15"spr.-#5 cont.
HJ	34	Hughes Juniper	Juniperus horizontalis 'Hughes	12"spr.-#5 cont.
PERENNIALS				
KF	93	Karl Forester Feather Reed Grass	Calamagrostis acutiflora 'Karl Forester	#1 gal. cont.
LS	12	Little Spire Russian Sage	Perovskia atriplicifolia 'Little Spire'	#1 gal. cont.

LAWN SEEDING REQUIREMENTS:

IRRIGATED SEEDING REQUIREMENTS:

SEED MIXTURE	% MIXTURE
RTF Water Saver Fescue	100

SEED AT A RATE OF 8 LBS. PURE LIVE SEED (PLS) PER 1,000 SF

SEED SOURCE: Todd Valley Farms, Mead NE
Ph: 800-869-8544 www.toddvalleyfarms.com
Website: www.toddvalleyfarms.com

NON-IRRIGATED SEEDING REQUIREMENTS:

SEED MIXTURE	LB/PLS
Western Wheatgrass Rosana	56.13
Thickspike Wheatgrass Critana	47.24
Streambank Wheatgrass Sodar CT	46.63
TOTAL PURE LIVE SEED PER ACRE	150.00

SEED SOURCE: Wind River Seed, Manderson WY
Ph: 307-568-3361
Website: www.windriverseed.com

BOULDER SCHEDULE

KEY	QTY.	TYPE	SIZE RANGE
	18	LARGE BOULDER	32" TO 36" DIA.
	33	MEDIUM BOULDER	28" TO 32" DIA.
	31	SMALL BOULDER	24" TO 28" DIA.

LANDSCAPE PLAN

0' 10' 20' 40' NORTH

Architect / Engineer
DESIGN WORKSHOP
126 John Joseph St., Suite B, Rapid City, SD 57701
Tel: 605.394.4188 Fax: 605.394.4198

Seal
REGISTERED LANDSCAPE ARCHITECT SSOG LLC MICHAEL DECKERT 01/06/09

RAPID CITY 2 WARD 2008
FAYETTE 230-3
#570-0086 08010201
2250 MOON MEADOWS DRIVE
RAPID CITY SOUTH DAKOTA 57702

Prepared for
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Mark	Date	Description
	08-JAN-09	

Project Number: 0803
Plan Series: FAY-230-3-(06)-02
Property Number: 570-0086 08010201

Sheet Title: LANDSCAPE PLAN

Sheet: L103