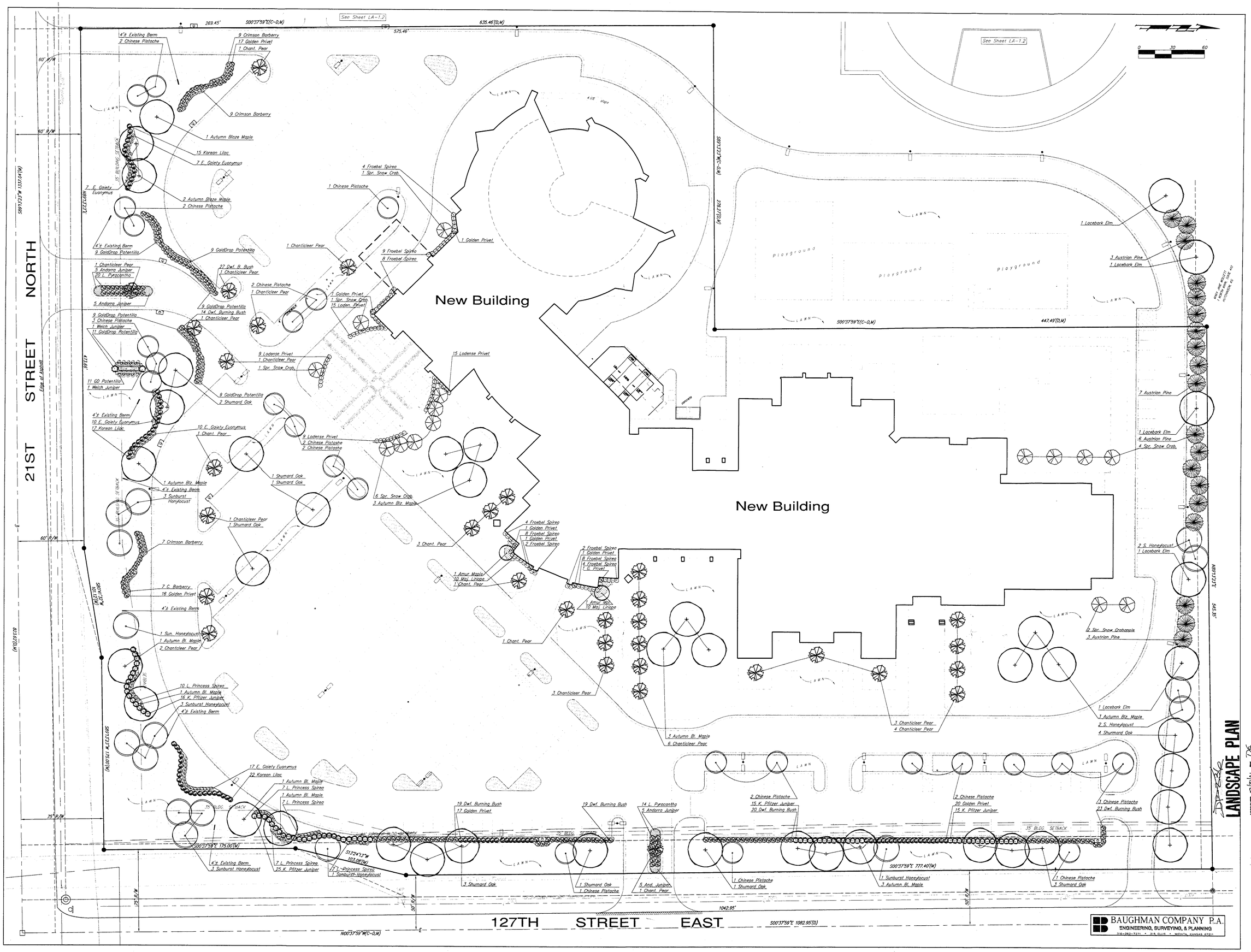


DATE
7-6-2001
Construction Issue

HOWARD & HELMER
architects, p.a.

3500 north rock road
building #500 wichita, ks 67226
(316) 634-1111 fax (316) 634-1016

project no.
99170

The drawing and all information herein is the exclusive property of Howard & Helmer Architects P.A. and is not to be copied or used in any way without the express written consent of Howard & Helmer Architects P.A. All drawings, specification, ideas, designs and arrangements appearing herein constitute the original and unpublished Work of the Architect.

Copyright © 2000
Howard & Helmer
Architects P.A.

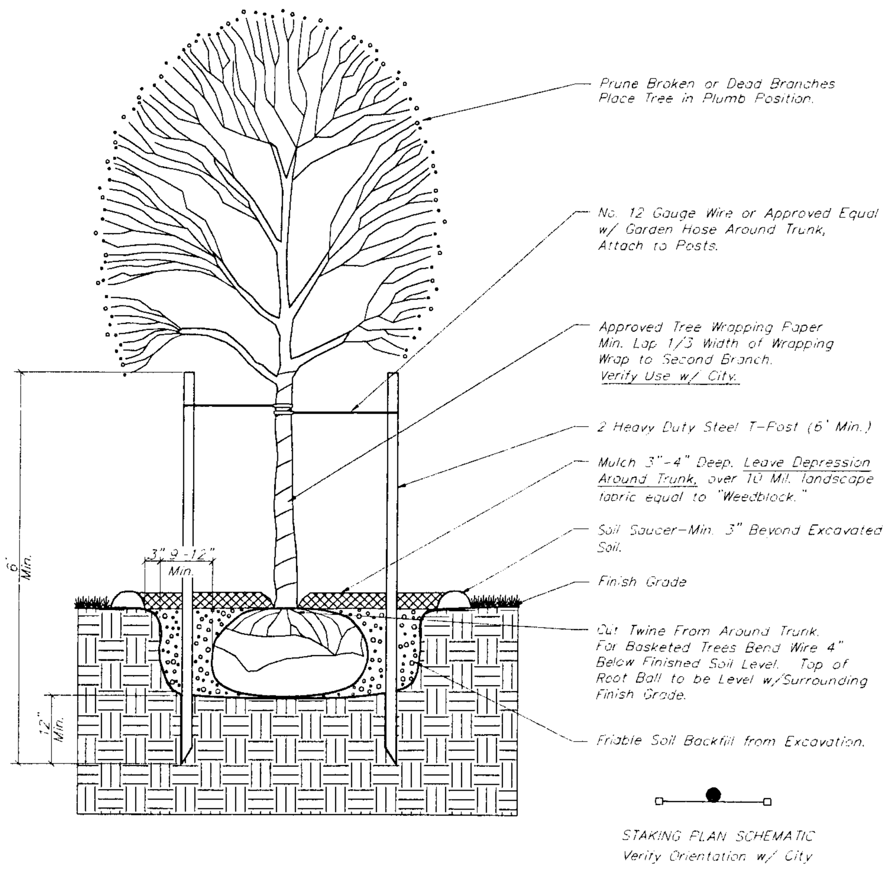
LANDSCAPE PLAN

APPROVED 07/31/01 BY DS

CHURCH OF THE MAGDALEN
21ST STREET NORTH AND 127TH STREET EAST
WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING

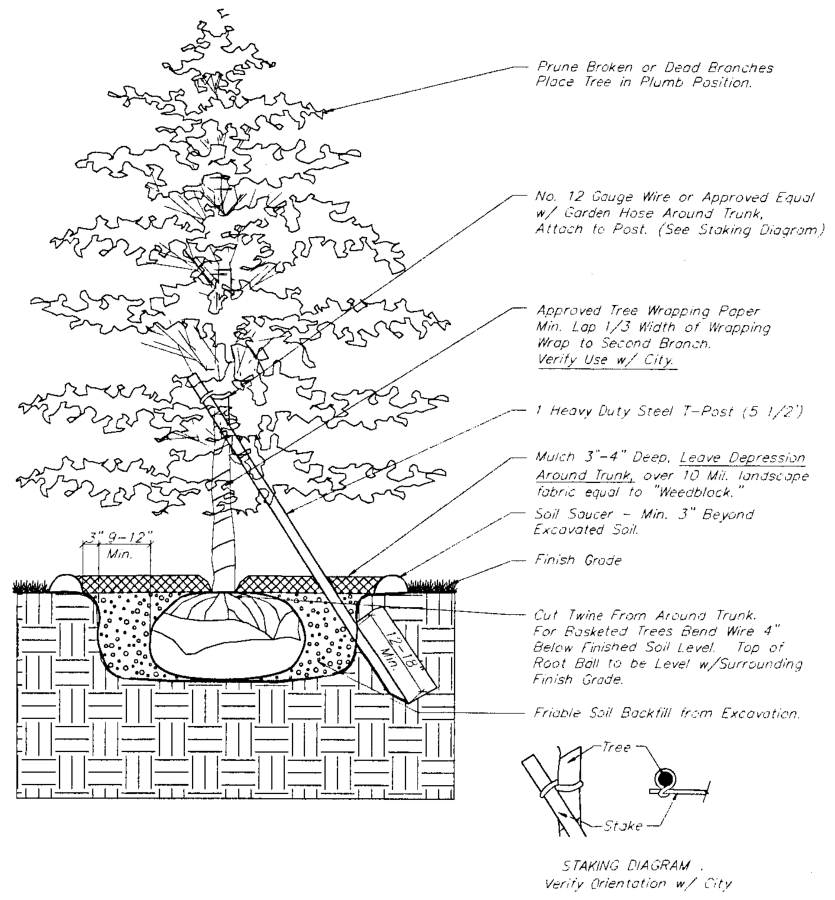
sheet
LA-1.1
of ONE



TREE PLANTING & STAKING DETAIL

Deciduous Trees Larger than 2" Cal.
Evergreen Trees Larger than 6' Height

No Scale



TREE PLANTING & STAKING DETAIL

Deciduous Trees 2" Cal. and Smaller
Evergreen Trees 6' Height and Smaller

No Scale

LANDSCAPE NOTES:

1. All landscape work shall be done in accordance with industry standards.
2. All areas called out on the plan as "Seed" shall be seeded and fertilized as follows:
   SEED--
   Kansas Premium Fescue Seed (top 4 blends of 2000)

   FERTILIZER--
   16-20-6 ratio 4#/1000 sq. ft.
3. Trees with broken leaders or no central leader will not be accepted.
4. All planting beds shall be prepared by killing all existing vegetation with Round-Up (or equal) according to label specs. A Pre-emergent herbicide such as Treflan (5%) (or equal) shall be applied per label directions. All planting beds to receive 2" organic matter (such as cotton bur mulch, compost, or humus) and shall be rototilled in to a depth of 10-12".
5. Mulch all planting beds with 3" of mulch using 1/4"-1/2" Pea Gravel. Mulch all tree saucer wells with shredded Cypress mulch of uniform consistency, over 10 Mil. landscape fabric equal to "Weedblock."
6. Metal edging shall be used to separate all turf areas from planting beds. Edging shall be from Pro-Steel Company, using 10 gauge thickness, commercial grade, or approved equal.
7. Topsoil hauled onto site shall be fertile, friable, natural loam topsoil, of uniform quality characteristic of representative local soils which produce heavy growth of crops, grass, or other vegetation. It shall be free trash, or other matter toxic to plant growth.
8. Topsoil shall be delivered in an unfrozen and non-muddy condition and shall be subject to approval by the Landscape Architect.
9. Prior to any excavation for landscaping purposes the location of underground utilities shall be determined by calling Kansas One Call at 1-800-344-7233. Contractor shall be responsible for any damage done to existing utilities.
10. Report any discrepancies in the planting plan to the Landscape Architect, prior to starting construction.
11. The landscape contractor is to be responsible for all permits required and is to see that all work is performed in accordance with state and local codes.
12. The landscape contractor is responsible to coordinate with the G.C. to install the plants and maintain the grounds, until final acceptance from the owner.
13. The landscape contractor shall submit bid with unit prices for all plants, which include mulch, installation, 1 year guarantee, bed preparation, fertilizer, etc.
14. The landscape contractor is responsible for any damage done to the exterior of the building or any part of the parking lot when installing or maintaining the plantings before final acceptance.
15. General Contractor to supply all topsoil to site. Landscape contractor to supply necessary topsoil for planting areas. A 4" depth of topsoil to finish grade in all planting beds.
16. Fall planting season shall be September 1 thru end of October. Spring planting season shall be April 1 thru end of June. For grass seeding, fall season shall be September 1 thru mid of October. Spring season for seeding shall be from March 15 thru mid May.

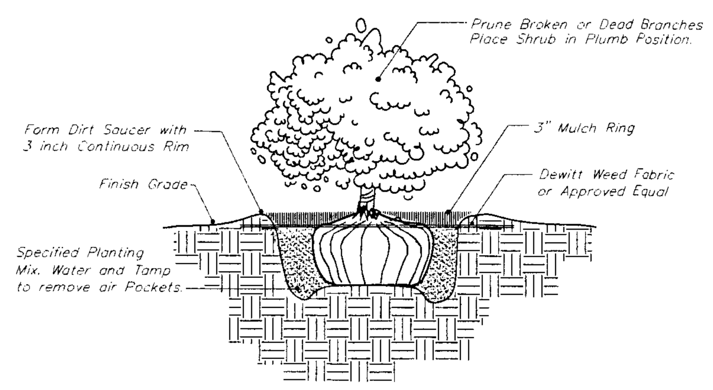
IRRIGATION NOTES:

1. All irrigation work is to be installed in compliance with all local codes and regulations.
2. Irrigation Contractor shall design system so that turf heads are on separate zones from shrub spray heads.
3. The Irrigation Contractor DOES NOT START irrigation construction until final shop drawings are submitted and approved to the Landscape Architect and/or Owner prior to construction for final approval which:

   Use Rainbird products or approved equal, which will illustrate type of head, head coverage, valve location, piping and accessories, and main line location. Included in shop drawings show zone pressure, valve size, GPM requirements and pipe sizing. Also specify a rain switch or moisture sensing device per City of Wichita Codes.
4. Prior to construction, the Irrigation Contractor shall determine locations of all existing and proposed utilities and electrical wiring.
5. Contractor shall not install irrigation system when any obstructions in the field exist. Contact the Landscape Architect for clarification before proceeding around obstructions.
6. All turf areas shall be head-to-head coverage with triangle spacing where possible. Contractor is responsible for adequate coverage in shrub bed zones using drip system and/or spray heads.
7. Heads will be adjusted to NOT spray on buildings, walks, and drives. Spray Heads will be located nearest to planting bed edge using funny pipe and fittings. Spray Heads to be located and sized so as not to be susceptible to damage by automobile overhangs.
8. Irrigation Contractor is responsible to coordinate with the Paving Contractor to locate and install required sleeving for irrigation lines prior to any paving. Combine piping whenever possible to save on sleeving material. Sleeves shall be a min. of 20" below finish grade. Verify final depth with paving contractor for adequate coverage.
9. Automatic drainage valves to be located at the ends of lines and at the lowest points on the lines.
10. Irrigation Contractor to verify location of well(s) with GC prior to installation of system. Irrigation Contractor shall verify static pressure and volume of well water supply prior to installation of system. Alternate Bid cost with city water with meter installation included.
11. Irrigation Controller is to be located per Owner/G.C requested location. Call Bob Faires (Arch.) with Howard & Helmer Arch. at 634-1111 or Burke Jones.

LANDSCAPE ORDINANCE CALCULATIONS:

Two Streetyard requirements:	1805.26 (total str. Front.)
	-265' (greatest perp. distance)
	1,540.26
	x 20 (sq.ft. factor)
	30,805.20 sq.ft.
Streetyard Required	= 30,805.20 sq.ft.
Streetyard shown:	= 73,965 sq.ft.
Streetyard Trees Required:	62 Shade Trees
Streetyard Trees shown:	43 Shade, 70 Ornamentals
Parking Lot Stalls Shown:	547÷20 = 28 Trees
Parking Lot Trees Required:	Requirement met by Streetyard calcs.
Buffer Requirements (Non-Residential to Residential, 630')	
Shown Buffer: 31 Shade (1 per 30' and 5 shrubs)	
(substituted 100 shrubs for 10 trees)	



TYPICAL SHRUB PLANTING DETAIL

5 Gallon and Smaller

No Scale

PLANT SCHEDULE:

QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
20	*Acer rubrum x freemanii 'Autumn Blaze'*	Autumn Blaze Maple	2 1/2"Cal.	B & B	Single Stem Only
16	*Gleditsia triacanthos 'Sunburst'*	Sunburst Honeylocust	2 1/2"Cal.	B & B	Single Stem Only
17	*Quercus shumardii*	Shumard Oak	2 1/2"Cal.	B & B	Single Stem Only
5	*Ulmus parvifolia*	Lacebark Elm	2 1/2"Cal.	B & B	Single Stem Only
2	*Acer ginnala 'Flame'*	Amur Flame Maple	1 1/2"Cal.	B & B	Single-Stem Only
23	*Chinensis pistachia*	Chinese Pistache	1 1/2"Cal.	B & B	Single Stem Only
15	*Malus species ' Spring Snow'*	Spring Snow Crabapple	1 1/2"Cal.	B & B	Single Stem Only
33	*Pyrus calleryana 'Chanticleer'*	Chanticleer Pear	1 1/2"Cal.	B & B	Single Stem Only
2	*Juniperus scopulorum 'Welchii'*	Welch Juniper	4' - 5' Ht.	7 gal.	Single Stem Only
19	*Pinus nigra*	Austrian Pine	6' - 8' Ht.	B & B	Single Stem Only
32	*Berberis thunbergii atro. 'Crimson Pygmy'*	Crimson Pygmy Barberry	2 gal.	Cont.	Full & Healthy
122	*Euonymus alatus 'Compacta'*	Dwarf Burning Bush	2 gal.	Cont.	Full & Healthy
51	*Euonymus fortunei 'Emerald Gaiety'*	Emerald Gaiety Euonymus	2 gal.	Cont.	Full & Healthy
71	*Juniperus chinensis 'Kalley Pfitzer'*	Kalley Pfitzer Juniper	2 gal.	Cont.	Full & Healthy
20	*Juniperus horizontalis 'Plumosa'*	Andorra Compact Juniper	2 gal.	Cont.	
48	*Ligustrum vulgare 'Lodense'*	Lodense Privet	2 gal.	Cont.	Full & Healthy
76	*Ligustrum x vicaryi*	Golden Vicary Privet	5 gal.	Cont.	Full & Healthy
67	*Potentilla fruticosa ' Gold Drop'*	Gold Drop Potentilla	2 gal.	Cont.	Full & Healthy
34	*Pyracantha coccinea 'Lowboy'*	Lowboy Pyracantha	2 gal.	Cont.	Full & Healthy
49	*Spiraea x bumalda 'Froebel'*	Froebel Spirea	2 gal.	Cont.	Full & Healthy
38	*Spiraea x japonica 'Little Princess'*	Little Princess Spirea	2 gal.	Cont.	Full & Healthy
54	*Syringa patula*	Dwarf Korean Lilac	2 gal.	Cont.	Full & Healthy
20	*Liriope muscari 'Majestic'*	Majestic Liriope	1 gal.	Cont.	Full & Healthy

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

DATE
7-06-2001
Construction Issue

HOWARD & HELMER
architects, p.a.

3500 north rock road
building #500 wichita, ks 67226
(316) 634-1111 fax (316) 634-1016

J. JADE LISKA LICENSED 515 7-6-2001 KANSAS LANDSCAPE ARCHITECT

project no.
99170

The drawing and all information herein is the exclusive property of Howard & Helmer Architects P.A. and is not to be copied or used in any way without the express written consent of Howard & Helmer Architects P.A. All drawings, specification, ideas, designs and arrangements appearing herein constitute the original and unpublished Work of the Architect.

Copyright © 2000
Howard & Helmer
Architects P.A.

CHURCH OF THE MAGDALEN
21ST STREET NORTH AND 127TH STREET EAST
WICHITA, KANSAS

sheet
LA-1.2
of ONE