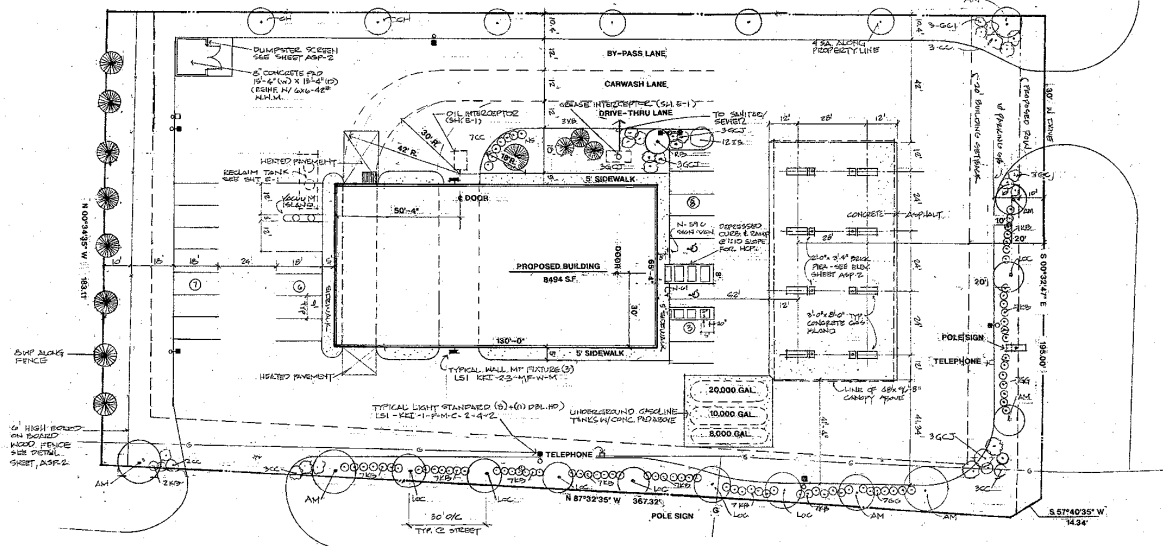
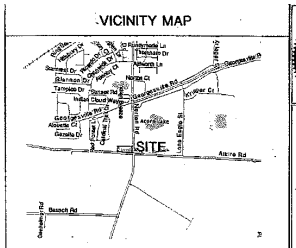


SITE PLAN
1"=20'-0"

QTY	ID	COMMON NAME	BOTANICAL NAME	SIZE
7	AM	AMUR MAPLE	ACER GINNALA "FLAME"	2 1/2"-3" B+B
3	CH	CANADIAN HEMLOCK	TSUGA CANADENSIS	6'-8' B+B
8	LOC	"SHADEMASTER" LOCUST	GLEDITSIA TRIACANTHOS f. INERMIS "SHADEMASTER"	2"-2 1/2" B+B
1	NS	NORWAY SPRUCE	PICEA ABIES	6'-8' B+B
1	RB	RIVER BIRCH - MULT. STEM	BETULA NIGRA	6'-8' B+B
4	SA	"SARGENT" CRABAPPLE	MALUS "SARGENT"	2"-2 1/2" B+B
1	WP	WHITE PINE	PINUS STROBUS	6'-8' B+B
1	CO	CONTONEASTER "LITTLE GEM"	COTONEASTER HORIZONTALIS "LITTLE GEM"	15" #2 CONT.
15	GCJ	GOLD COAST JUNIPER	JUNIPERIS CHINESIS "GOLD COAST"	24" #3
14	GG	GOLDEN GEM HOLLY	ILEX CRENATA "GOLDEN GEM"	15" #3
12	NI	CANDYTUFT	IBERIS SEMPERVIRENS "CANDYTUFT"	18" #3
72	KB	KOREAN BOXWOOD	BUXUS MICROPHYLLA KOREANNA	24" #3
3	VB	BURKWOOD VIBURNUM	VIBURNUM BURKWOODII	6' B+B
		TOPSOIL PLANTING MIX		
		SHREDDED HARDWOOD MULCH		
		5-5-3 FERTILIZER - (SLOW RELEASE)		

NOTES
1. 3" MULCH IN ALL BED AREAS
2. ALL LAWN AREAS TO BE SODDED
3. ALL PLANTINGS TO RECEIVE SOIL MIX AND FERTILIZER
4. BOXWOODS TO BE PLANTED AT 4'-0" O/C

VICINITY MAP



CODE INFORMATION

BUILDING LOCATION: 5572 ALKIRE ROAD COLUMBUS, OH 43228

BUILDING CODES: 2002 OHIO BUILDING CODE

USE GROUP CLASSIFICATION: M - MERCANTILE

MIN. TYPE CONSTRUCTION: SB

BUILDING HEIGHT/SIS: 21'-6" SAVE HT.

SQUARE FOOTAGE:
3,333 SF C-STORE
3,136 SF DRIVE THRU
2,025 SF CARWASH
8,494 SF TOTAL BUILDING

MIN. DESIGN LOADS: FLOOR - 150 PSF
ROOF - 90 MPH WIND (WIND LOAD - 16.4 PSF)
GROUND SNOW - 25 PSF

FIRE PROTECTION SYSTEM: 10# ABC FIRE EXTINGUISHERS AT LOCATIONS DESIGNATED BY FIRE MARSHALL; MIN. (2) UNITS WIMOUNTING DEVICES/ BRACKETS IN C-STORE, MIN. (1) DRIVE THRU AND CARWASH

EROSION CONTROL: HAY BALES SHALL BE PLACED AROUND THE PERIMETER PRIOR TO THE START OF CONSTRUCTION; THEY SHALL BE MAINTAINED DURING THE COURSE OF CONSTRUCTION AND REMOVED WHEN NO LONGER REQUIRED; EACH BALE IS TO BE STAKED WITH (2) 1/2" STEEL RODS, MIN. 36" AND ANCHORED FIRMLY INTO THE GROUND.

INTERIOR FINISH REQUIREMENTS:

USE GROUP	EXIT ACCESS CLASS B	ROOM OR ENCLOSED SPACE
M		CLASS B - WALLS, CEILING, FLOORS CARPET - DOC-FF 1

OUTSIDE AIR REQUIREMENTS: 3,333 SF X 0.30 cfm/SF = 1,000 cfm

2002 OHIO BUILDING CODE DATA:

FLOOR LIVE LOAD: 150 PSF
ROOF LIVE LOAD: 20 PSF
GROUND SNOW LOAD: P_g = 20 PSF
SNOW EXPOSURE FACTOR: C_e = 0.9
SNOW LOAD IMPORTANCE FACTOR: I_s = 1.0
THERMAL FACTOR: C_t = 1.0
FLAT ROOF SNOW LOAD: P_{flat} = 20 PSF
BASIC WIND SPEED (3 SECOND GUST) = 90 MPH
WIND IMPORTANCE FACTOR: I_w = 1.00
BUILDING CATEGORY: I
WIND EXPOSURE: B
INTERNAL PRESSURE COEFFICIENT, G_{Cpi} = +/-0.18
COMPONENTS AND CLADDING DESIGN WIND PRESSURE = 19.5 PSF
MAIN WIND FORCE RESISTING SYSTEM DESIGN WIND PRESSURE = 12.8PSF

EARTHQUAKE DESIGN DATA:

SEISMIC USE GROUP: I
SPECTRAL RESPONSE COEFFICIENTS: S_{ds} = .16 S_{D1} = .102
SITE CLASS: E
BASIC SEISMIC - FORCE - RESISTING SYSTEM: BEARING WALLS WITH ORDINARY REINFORCED MASONRY SHEAR WALLS
SEISMIC DESIGN CATEGORY: B
ANALYSIS PROCEDURE PER SECTION: 1617.5
DESIGN BASE SHEAR = 7.7% OF BUILDING DEAD LOAD

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SIGNED BY: 12/12/2003 DATE

STATE OF OHIO · MARCIA A. PROSAK-SHERRY · 8558 · REGISTERED ARCHITECT

SITE PLAN REVISED - 12/10/03

Sherry Architect & Planner
21107 Sheraton Lane
Columbus, Ohio 43221
(614) 671-9225 fax (614) 671-3833

PROPOSED FACILITY FOR
ALKIRE EXXON
5572 ALKIRE ROAD
COLUMBUS, OH 43228

date: 5/14/03

sheet title: SITE PLAN

sheet number: ASP-1

03-003