



DRAINAGE NOTES

- Stormwater from Assumption High School and areas of St Raphael currently draining to the south will be contained in existing and proposed detention basins on the St Raphael Property.
- Downspouts for the Assumption addition will be tied into proposed site Storm Drains. Refer to Assumption Development plan for details.
- There will be no increase in surface run-off to Bardstown Road, Tyler Lane or Lancashire Ave.
- Detention will be required mitigating any increase in runoff for the 2, 10, and 100 year storms. Basin outflows for the 2 and 10 year rainfall events will be limited to the available capacity of the downstream receiving system. Drainage plans detailing internal drainage system and detention basin construction, will be submitted to MSD with the Assumption High School construction plans, for approval prior to issuance of construction permits.
- Easements for thru drainage system will be required prior to construction approval.

ST. RAPHAEL PARKING CALCULATIONS

WEEKEND PARKING REQUIREMENTS		
Maximum church requirement assumed only to apply to Sunday masses		
Church: 855 seats @ 1 space/2.5 seats	=	342 spaces
Provided: Weekend		255 spaces
Leased or Committed Spaces		0 spaces
Total for St Raphael		255 spaces
WEEKDAY PARKING REQUIREMENTS		
School: 34 classrooms @ 3 spaces/classroom	=	102 spaces
Gym/Auditorium: 2—seats @ 1 space / seat	=	40 spaces (not used)
Day Care: 16 employees @ 1 spaces per employee	=	16 spaces
WEEKDAY TOTAL		118 SPACES
Provided: Weekday		255 spaces
Leased or Committed Spaces		137 spaces
Total for St Raphael		118 spaces

COMBINED PROJECT SUMMARY

SITE CONDITIONS	ASSUMPTION	ST. RAPHAEL
SITE ACREAGE	4.77 ACRES	8.13 ACRES
VEHICLE USE AREA	53,730 SQ.FT.	103,665 SQ.FT.
INTERNAL LANDSCAPING AREA REQUIRED	2,687 SQ.FT.	5,183 SQ.FT.
INTERNAL LANDSCAPING AREA PROVIDED	3,829 SQ.FT.	6,810 SQ.FT.
PAVEMENT AREA REMOVED		16,290 SQ.FT.
NEW PAVEMENT AREA		16,660 SQ.FT.
PERCENTAGE VEHICLE USE AREA REVISED		16.0 %
INTERNAL LANDSCAPING AREA REQUIRED		833 SQ.FT.
REQUIRED TREES		4 TREES
PARKING CALCULATIONS		
EXISTING BUILDING	31,412 Sq.Ft.	
PROPOSED BUILDING	24,250 Sq.Ft.	
TOTAL SPACES REQUIRED	240	118 (SEE DETAIL)
TOTAL SPACES PROVIDED (ON SITE)	203	255
TOTAL SPACES LEASED	137	(137)
TOTAL SPACES	240	118

PRELIMINARY DRAINAGE COMPUTATION

EXISTING CONDITIONS		
LAND AREA	4.77 ACRES	8.13 ACRES
IMPERVIOUS AREA	1.85 ACRES	3.61 ACRES
PERVIOUS AREA	2.92 ACRES	4.52 ACRES
PROPOSED CONDITIONS		
LAND AREA	4.77 ACRES	8.13 ACRES
IMPERVIOUS AREA	3.466 ACRES	3.58 ACRES
PERVIOUS AREA	1.304 ACRES	4.55 ACRES

NOTES: INFORMATION FOR ASSUMPTION HIGH SCHOOL TAKEN FROM DETAILED DISTRICT DEVELOPMENT PLAN COMPLETED BY THE MATHERLY GROUP REVISED 4/10/2000

ST RAPHAEL CURRENTLY HAS 256 PARKING SPACES ON THE PROPERTY. 157 OF THESE SPACES ARE COMMITTED TO SCHOOL HOUR USE FOR ASSUMPTION HIGH SCHOOL

VARIANCE 8/10/00
SCALE 1" = 50'

CONDITIONAL USE PLAN FOR ST RAPHAEL CHURCH

RT. REV. THOMAS C. KELLY
ROMAN CHOLIC BISHOP OF LOUISVILLE
D.B. 6278 Pg. 336

SCALE: 1" = 50' DATE: JULY 26, 2000

PREPARED BY

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RECEIVED

AUG 10 2000

PLANNING &
DEVELOPMENT SERVICES

LEGEND

- PAVEMENT TO BE REMOVED
- PAVEMENT TO REMAIN
- PROPOSED EDGE OF PAVEMENT
- EDGE OF WALK
- OFF-SITE PAVEMENT
- TREE TO REMAIN
- TREE TO BE REMOVED
- PROPOSED ISLAND TREE
- FLOOD LIGHT NEW OR TO REMAIN
- FLOOD LIGHT TO BE REMOVED
- STREET LIGHT

NO.	REVISION	DATE
1	PARKING PER I.P.L. ADD P.V.M.T. CHANGE %	8/4/00