SUMMARY OF NOMINATION INFORMATION IN ONJH FILES TYPE: NAME <u>Cathedral of the Sacred Heart</u> COUNTY <u>Easex</u> MUNICIPALITY <u>Neuronh</u> City Individual Historic District Multiple Property Documentation Form ONJH FILES NOMINATION FORM - Nomination form (If there are continuation sheets, please indicate number) -- First page (#1-6) -- Description (#7) -- Significance (#8) -- Last page (#9-11) - SHPO Signatures - USGS Map - Site plan - Tax map - Floorplan - Photo index map - Other maps - Photographs (Indicate number) --Exterior 17 (plus + protectous) 1 Lehotzapy) --Interior --Streetscapes --Outbuildings --Historical --Negatives -- Contact Sheet DATE OF LISTING State Register _____4/3/72 National Register 121276 SUPPLEMENTAL INFORMATION N.J.H.S.I. # Draft Nomination Newspaper/Magazine Articles _____ Correspondence _____ HABS Contextual Data Other (Please specify) biometric STAFF MEMBER From Gladescen DATE 7/1/11 UPDATES: STAFF _____ DATE _____ STAFF _____ DATE ____

Summary Sheet NAME Sacred, Great Calfredral MUNICIPALITY Newark COUNTY ESSEX Co. Nomination Form: Final Nomination Form ν Signed L Unsigned Photocopy I & original U.S.G.S. Map Other Maps Tax Man Plan(s): Site ____ Floor ____ Photographs: Identified Unidentified Inadequate Coverage Exterior Interior Streetscapes Outbuildings Historical Negatives: Same as prints ____ Less than prints ____ Additional Negatives Slides: Interior + exterior shots - adequate Boundaries: No precise boundaries Defined in nomination Defined by map Latitude & longitude U.T.M.'s Boundary justification____ National Register notification of listing to SHPO: \ Copies of final approved nomination: Other: SHPO Notification Letters: Intent to nominate _____ National Register ____ State Register ____ Owner list Supplemental Information: Ņ.J.H.S.I. ✓ Draft nomination Newspaper/Magazine articles Recent correspondence Local ordinance data Maps Other Yorklet - Cisthedial of the Sacred Materials in Storage: Public Meeting notification _____ Draft nomination ____ Newspaper articles ____ Correspondence ____ Historical information Other

NEW JERSEY AND NATIONAL REGISTER FILE REORGANIZATION - 1980-1981

--- UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES HUVENTORY -- NOMINATION FORM

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CITY, TOWN			STATE	
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CONDITION

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X_ALTERED

CHECK ONE

X_ORIGINAL SITE

__MOVED DATE____

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

Sacred Heart Church

Original

According to a contemporary account the Cathedral of the Sacred Heart was to be built in the style of 13th century Continental Gothic. "The interior, exclusive of atrium and rear chapel will be 258 feet in length and 86 feet wide. The interior of the transept will be 44 feet in width and the entire seating capacity will be 2,500, with standing room for many more. The edifice will be surmounted by two towers, one 300 feet and the other 275 feet high. The materials to be used are marble, granite, steel, and quartered oak." (New York Times 3/26/1898.)

Present

Originally designed by Jeremiah O'Rourke of Newark in 1897, the Sacred Heart Cathedral was essentially a French Gothic style cathedral which was enhanced in its style by Isaac E. Ditmars and finished off by Paul C. Reilly in 1954.

Built of gray granite this huge Cathedral towers high over the adjacent Branch Brook City Park.

This cruciform plan edifice is 365 feet in length at the extremes — from the front buttressed towers to the apsidal chapel. The extreme width at the transepts is 165 feet.

The front facade has two enormous diagonally oriented towers flanking a Great Rose Window with tracery which is 33 to 35 feet in diameter. These buttressed towers, which are approximately 46 feet square at the base, are broken into four tiers and have an abundance of Gothic arched tracery windows with label modlings. The towers (232 feet high) have pointed roofs and are capped by an assortment of finials and crockets. The width of the front facade, from one tower to the other, is 140 feet.

The length of the Nave and the Aisles, from the front Rose Window to the Transepts is 150 feet. The width of the Nave and Aisles on the exterior is 119 feet. There are six Nave bays, only five of which are visible on the exterior; each 25 feet wide divided by buttresses. Each bay, save the one obscured by the front towers, have Gothic arched tracery windows.

The Transepts are 63 feet wide and rise to 130 feet at the roof peak (same as the Nave peak). Each transept entrance has a 32 foot Great Rose Window within a tracery window. The fleche at the intersection of the transepts and the nave is the highest point of the cathedral. This fleche is copper covered.

The apse is 60 feet long and surrounded by an ambulatory which branches off into apsidal chapels, one of which is a Lady Chapel.

Form No. 10 300a (Rev. 10-74)

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Sacred Heart Cathedral
Newark
Essex County
New Jersey 034
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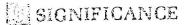
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The apse has a polygonal form, butting out from the transept, and rises to the height of the nave by an octagonal roof topped by a finial. The fenestration, divided by buttresses, has tracery windows. There are four small apsidal chapels which project out from the apse.

The octagonal Lady Chapel is in direct line with the apse and the front entrance. The roof of this section is also octagonal, capped at the peak with a finial.

Alongside one transept entrance is an independent octagonal Baptistry.

The Archbishop's residence, attached to the Cathedral by a narrow passageway from the apsidal chapels, was designed by Reilly and is of a different style than the cathedral, but harmonizes with the religious edifice.



PERIOD	PERIOD AREAS OF SIGNIFICANCE CHECK AND JUSTIFY BELOW				
PREHISTORIC	ARCHEOLOGY-PREHISTORIC	_COMMUNITY PLANNING	<u>X</u> _LANDSCAPE ARCHITECTURE	X_RELIGION	
1400-1499	_ARCHEOLOGY-HISTORIC	CONSERVATION	_ LAW	SCIENCE	
1500-1599	AGRICULTURE	ECONOMICS	LITERATURE	SCULPTURE	
1600-1699	X_ARCHITECTURE	EDUCATION	MILITARY	SOCIAL/HUMANITARIAN	
1700-1799	X_ART	X_ENGINEERING	X_MUSIC ·	THEATER	
1800-1899	COMMERCE	EXPLORATION/SETTLEMENT	PHILOSOPHY	TRANSPORTATION	
_X1900-	COMMUNICATIONS	INDUSTRY	POLITICS/GOVERNMENT	OTHER (SPECIFY)	
		INVENTION			

SPECIFIC DATES

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

The Sacred Heart Cathedral, the largest completed French Gothic Cathedral in America, is one of the six largest cathedrals in the United States. Designed by Jeremiah O'Rourke of Newark, this is his greatest masterpiece.

Although there are larger single Great Rose Windows in the United States, the three Rose Windows of the Sacred Heart are probably the largest and finest set of three in any single North American religious edifice.

Other architects involved in constructing the cathedral were Isaac Ditmars and Paul C. Reilly while interior decorator Gonippo Raggi of Rome designed the stained glass, the tile mosaics, and much of the interior decor.

ARCHITECTURE

The cathedral is undoubtedly the best example of French Gothic Revival architecture in New Jersey and one of the ten most imposing edifices of its kind in the United States. The Great Rose Windows in the cathedral are the finest and largest set of three in North America.

Jeremiah O'Rourke, (1833-1915), the design architect, a disciple of Pugin, emigrated to Newark in 1850 where he resided until his death in 1915. O'Rourke designed a number of New Jersey Roman Catholic structures: Camden Cathedral (1864), Holy Cross, other religious edifices in Newark (St. Josephs, St. Aloysius, and St. Michaels), as numerous other urban churches in addition to a group of buildings at Seton Hall University. For a brief time O'Rourke was the United States Supervising Architect.

It was around O'Rourke's designs and early construction which all subsequent architects and buildings closely followed.

Issac E. Ditmars (1850-1934), of the architecture firm Schickel and Ditmars, was the second architect of the Sacred Heart Cathedral. Schickel and Ditmars were widely known as architects who concentrated on ecclesiastical structures and institutional buildings. Ditmars became supervising architect in 1910 after a dispute with the Diocese eliminated O'Rourke. Ditmars, who with Schickel, built St. Ignatius Loyola in New York City, St. Patrick's in Elizabethport, St. Joseph's in Paterson, Passaic's St. Nicholas, Jersey City's St. Nicholas, and the Immaculate Conception in Montclair, modified the cathedral plan, shortened the huge front spire, and designed the great fleche spire. In essence, however, Ditmars basically followed O'Rourke's original design.

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Paul C. Reilly (1889—) became Ditmars' partner in 1928 and supervised the completio of the cathedral in 1954. Ditmars and Reilly designed many theaters and churches in th New York-New Jersey metropolitan area. They took over most of the Sacred Heart design work in 1926 and worked on the cathedral until completion. Reilly personally designed the Great Narthex screens, and the Great Transept transoms, and was responsible for the supervision of the exterior completion, rehabilitation and implementation of the basic interior designs. Reilly also planned the power plant and the Archbishops residence.

O'Rourke designed an essentially French Gothic Cathedral from the very beginning, some features of which became more pronouncedly French under architect Ditmars.

While O'Rourke designed the cathedral Ditmars reconciled many details to particular problems of construction and did creditable modifications, but did not originate the French style, only enhancing and accentuating it.

Paul C. Reilly, associated with the project the longest of the three architects was responsible for an incredible range of practicalities of completion and some notable architectural and sculptural relief, such as his Great Narthex screen and complex vaultings.

If O'Rourke's exterior lacks the more delicate exterior of St. Patrick's Salisbury, or even the lacy detail of boldness of its great recesses and large spaces which emulate the great edifices of Chartres, Coen, and Laon Cathedral. The diagonal towers are unique, however, and attempt to add depth, width, and mass to the cathedral facade.

Until St. John the Divine in New York is completed somewhat as Ralph Adams Cram envisioned, Sacred Heart is complete and pre-eminent in North America for its own effects in rugged French Gothic.

ART

Gonippo Raggi and Sons of Rome are internationally famed interior decorators. Professor of Art at St. Michael's Institute of Art in Rome, Raggi is most noted for the interior of the Basilica Shrine of Our Lady of Victories in Lackawanna, New York, the Mt. Carmel Church in Orange, New Jersey, and the Mt. Carmel Church in Montclair, New Jersey.

Raggi conceived and oversaw many of the excellent interior and exterior art work - stained glass (well over 100 hand-crafted windows from Munich), marble, onyx, tiles, mosaics, bronze doors, tower bells, oak woodwork, and chandeliers.

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ENGINEERING

The exterior supports great lateral thrusts along the nave without either flying buttresses, the weight of pinnacles, or visible Gothic other than buttresses flush to the side walls. The interior ceiling vaults are unsuspended and self supporting. Ingenious engineering is involved in support of the fleche spire rising about 130 feet further above the crossing roof completed by designer-engineer R. D. Fine. Steel was used in the framing of the main roofs, completed 1918-19 by local subcontracting builders Baier and Conrad of Newark.

The sound engineering includes acoustical Guastavino tiles as part of self supporting masonry vaulting, many chandeliers with directional sound amplifiers, unobtrusive radio-television broadcasting facilities, and the complete interlocking of the Great Organ and Chancel Organ from three separated bayboard consoles.

LANDSCAPE ARCHITECTURE

The Cathedral grounds, notable the front approach plaza and side entrances, feature granite terraces, horticultural plantings, floodlights and free standing Gothic bronze lanterns. The adjacent Branch Brook Park was designed by famous 19th century landscape architect Frederick Law Olmstead and focuses on the Cathedral, particularly the Trancept facade and the towering fleche spire.

MUSIC

There are two organs, dated 1952-54 in the Sacred Heart, both installed by the Schartz Organ Company of Orrville, Ohio. These are the largest organs ever built by this firm. The Great Organ in the rear gallery has 92 ranks of pipes and 96 stops. The Chancel Organ has 43 sets of pipes and 53 stops. The organs are interlocking and have three consoles-gallery, Chancel choirstalls, and Lasly chapel.

RELIGION

The Sacred Heart Cathedral is the seat of one of the ten most populous Roman Catholic Diocese in the United States - the Archdiocese of Newark having well over a million and a half communicants. The seat of the Archbishops authority, Sacred Heart is the symbol of the Archdioceses control over all other Dioceses throughout New Jersey. The burial crypts of the Bishops are in Sacred Heart.

MAJOR BIBLIOG	RAPHICAL REFE	ERENCES	•	1
ate Catholic Church in l	New Jersey - Joseph	M. Flynn	n .11.4	
The Cathedral of the Sa	cred Heart - Newark	Diocese, 1954	et seq. Booklet j	published by the
The American Architect Newark Municipal Yearbo The Advocate Numerous i	ok 1951-52 (p. 25)	2/21/1953 , 10/1	.8/1953 , 9/6/1973	
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Newark Sunday Call - 6/17/1917 - revised plan of I.E. Ditmars

Newark Sunday News - Magazine 9/19/1954

Newark Star Ledger - 4/8/1928, 5/23/1954, 11/12/1972

New York Times - 6/1/1897, 11/11/1897, 3/26/1898, 6/12/1899, 5/2/1928

Biographical Dictionary of American Architects, Deceased - Henry and Elsie Eithey (pg. 175, 449)

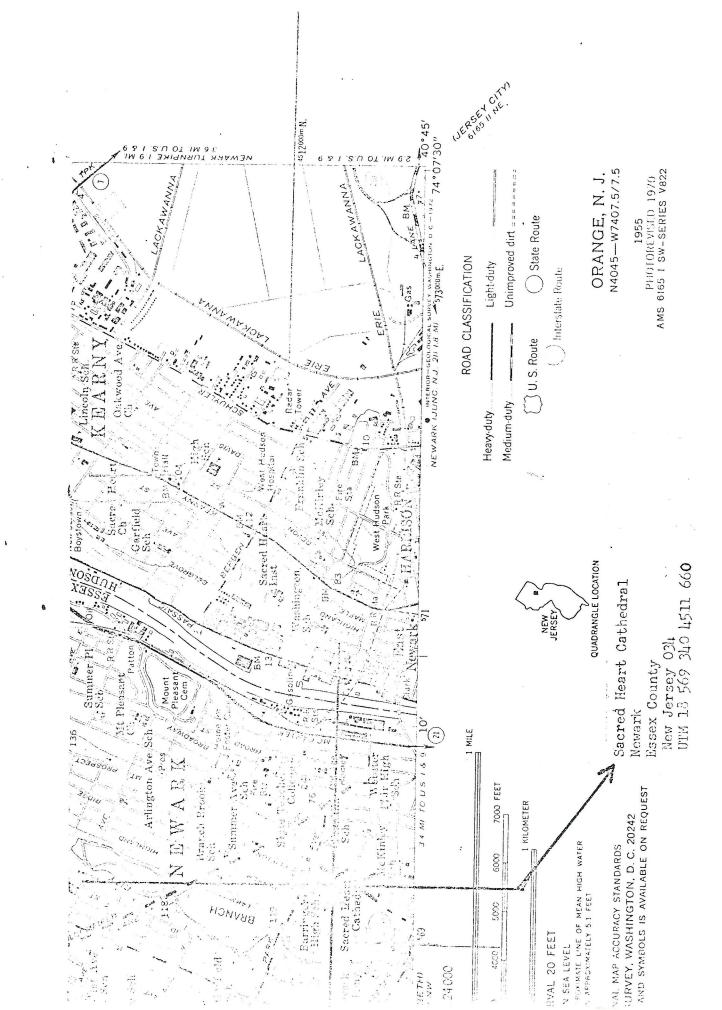
Correspondence of Paul C. Reilly, completion architect, on file in Newark Public Library

Sacred Heart Cathedral Manuscript, Materials in the Cathedral file

"Sacred Heart Cathedral, Newark, New Jersey"

Scharts Organ Co. (Orrville, Ohio)

Advertisement with technical data concerning Cathedral organ (installed 1952-54)



Nave to Marther Screen (famous)

SUB! Sacred Heart Cathedral

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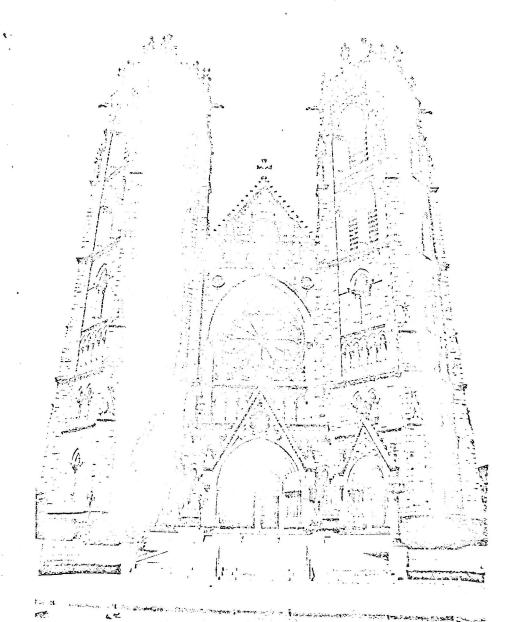
1954 interior

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PHOTO #5





Sacred Heart Cathedral Newark #1 Essex County 1976 New Jersey 034

yiew of front facade

SOURCE

camera facing N Neg at: Donald Geyer . 351 Broad St. Newark NJ

PHOTO #1

Sacred Heart Cathedral Newark Essex County New Jersey 034 1976 view of rear faca camera view S

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Neg at:
SOURCE: Donald Geyer
351 Broad St.
Newark, NJ

Neg at: Donald Geyer 351 Broad St. Newark, New Jersey

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Sacred Heart Cathedral Newark J Essex County view of NewsJersey 034 #3 1976 view of west side

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PHOTO #3

