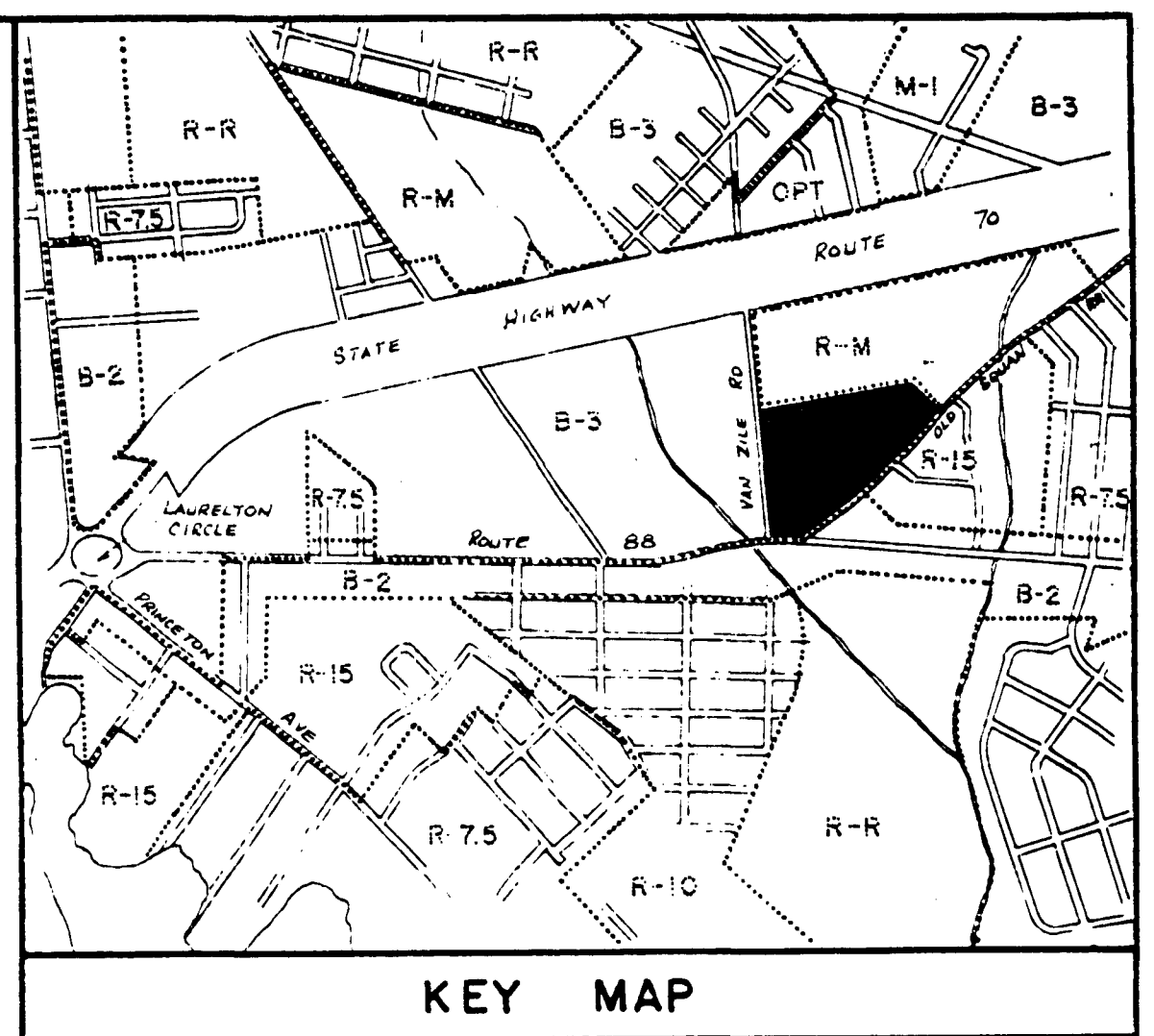




GENERAL NOTES:

- OWNER / APPLICANT:
ST. DOMINIC'S ROMAN CATHOLIC CHURCH
250 OLD SQUAN ROAD
BRICK TOWNSHIP, N.J., 08723.
- PROJECT: ADDITION TO GYMNASIUM WING.
- SITE LOCATION: LOTS 5 & 7, BLOCK 1091.
- TAX MAP SHEET 58.
- ZONE: B-3 HIGHWAY DEVELOPMENT.
- TRACT AREA: 16,946 ACRES.
- EXISTING BUILDINGS AREA: 40,800 SQ. FT.
- EXISTING LOT COVERAGE: 5.5 %
- PROPOSED ADDITION AREA: 13,642 SQ. FT.
- PROPOSED LOT COVERAGE: 7.4 %
- EXISTING PARKING SPACES (MARKED) 420
- ELEVATION DATUM: N.G.V.D.
- BENCH MARK: EXISTING FIN FLOOR ELEV. 26.4
- ALL CONSTRUCTION TO CONFORM TO ALL BRICK TOWNSHIP ORDINANCES & REGULATIONS.
- CURBING & SIDEWALK INSTALLATION WAIVER IS REQUESTED ALONG VAN ZILE RD., OLD SQUAN RD. & ROUTE 88.
- ALL IMPROVEMENTS SHOWN ARE EXISTING, UNLESS NOTED.

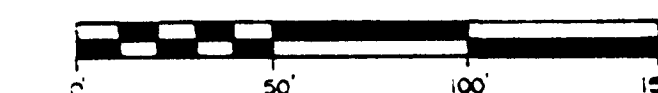
LEGEND:

- 25' DENOTES EXISTING ELEVATION CONTOUR
25' DENOTES PROPOSED ELEVATION CONTOUR
DENOTES PROPOSED SPOT ELEV.
DENOTES EXISTING DRY WELL (SEE DETAIL SHEET 2 OF 2)
DENOTES EXISTING CATCH BASIN
DENOTES EXISTING MANHOLE
DENOTES EXISTING SANITARY SEWER MAIN
DENOTES EXISTING SEWER CLEAN OUT
DENOTES EXISTING GAS MAIN
DENOTES EXISTING ELECTRICAL CONDUIT
DENOTES EXISTING TRANSFORMER
DENOTES EXISTING WATER MAIN
DENOTES EXISTING WATER VALVE
DENOTES EXISTING 1000 W. H. H. STREET LIGHTS
DENOTES EXISTING SINGLE & DOUBLE SOON FLOOD LIGHTS
- DENOTES EXISTING MAPLE TREES
○ DENOTES EXISTING HOLLY TREES
○ DENOTES EXISTING CHERRY TREES
○ DENOTES EXISTING BLACK PINES
○ DENOTES EXISTING SPRUCE TREES
○ DENOTES EXISTING JUNIPER

- A: 3 FLOWING DORWOODS, 6' HIGH, AT 15' TO 20' CENTERS.
B: 12 EASTERN WHITE PINE, 6' HIGH,

JERSEY COUNTY PLANNING BOARD
FINAL SITE PLAN APPROVAL
JAN 10, 1983
J. J. [Signature]

GRAPHIC SCALE:



DATE	REVISION	DATE	REVISION
NOV. 15, 1982	ADDED LIGHTING DATA AND DRAINAGE CALC. AS PER APPROVAL RESOLUTION.	JAN 10, 1983	REVISED PLANTING SCHEDULE
SEPT. 21, 1982	ADDED ADDITIONAL SHRUBS AROUND BLDG., AS PER SHADE TREE COMMISSION.	NOV. 30, 1982	ADDED HANDICAP PARKING, REMOVED STRIPING, AS PER BOB CURLEY.
SEPT. 15, 1982	ADDED ADDITIONAL FIRE LANES, AS PER BOARD OF FIRE COMMISSIONERS.		
SEPT. 15, 1982	ZONING BOUNDARIES, AS PER BRICK TWP. PLANNING BOARD ENGINEERS FIRST REVIEW.		
JUNE 3, 1982	ROAD DRAIN, PAVEMENT, TRASH ENCL., ETC., AS PER PROJECT ARCHITECT.		

DRAINAGE CALCS.
DIRECT RUNOFF FROM ROOF AREA TO RECHARGE SYSTEM
ROOF AREAS:
PROPOSED ADDITION = 13,642 S.F.
EXISTING GYMNASIUM = 9,200 S.F.
EXISTING SCHOOL WING = 15,145 S.F.
EXIST. CHURCH WING (GABLE ROOF) = N/A
TOTAL = 37,987 S.F. = 0.87 ACRES
 $I_p = 4 \text{ in./hr.}$
 $A = 0.87 \text{ AC.}$ $Q_p = C I A = 3.48 \text{ C.F.S.}$ $C = 1.0$
PERC. RATE = $1/3 \text{ in.} = .000463 \text{ C.F.S./SF}$
DRY WELL PERC. AREA = $278.3 \text{ S.F. EACH} \times 8 = 2226 \text{ S.F. TOTAL}$
 $(.000463)(2226) = 1.03 \text{ C.F.S.} = \text{OUTFLOW}$
STORAGE CAPACITY: $4T(1-Q) \div \Delta S$
 $\Delta T = 960 \text{ SEC.} = 16 \text{ MIN.} > \text{DURATION}$
 $I = 3.48 \text{ C.F.S.} = \text{AVERAGE RATE OF INFLOW}$
 $Q = 1.03 \text{ C.F.S.} = \text{AVERAGE RATE OF OUTFLOW}$
 $\Delta S = 2356 = \text{CHANGE IN VOLUME OF STORAGE}$
 $960(3.48 - 1.03) = 2352 \text{ CU.FT.}$
STORAGE PROVIDED = 8 D.WELLS @ 298 CU.FT. EA. = 2384 CU.FT. TOTAL
NOTE: DRY WELLS TO HAVE OPEN GRATE LIDS (SEE DETAIL) FOR STORMS THAT WOULD EXCEED 10 YR. FREQ. OF OCCURRENCE

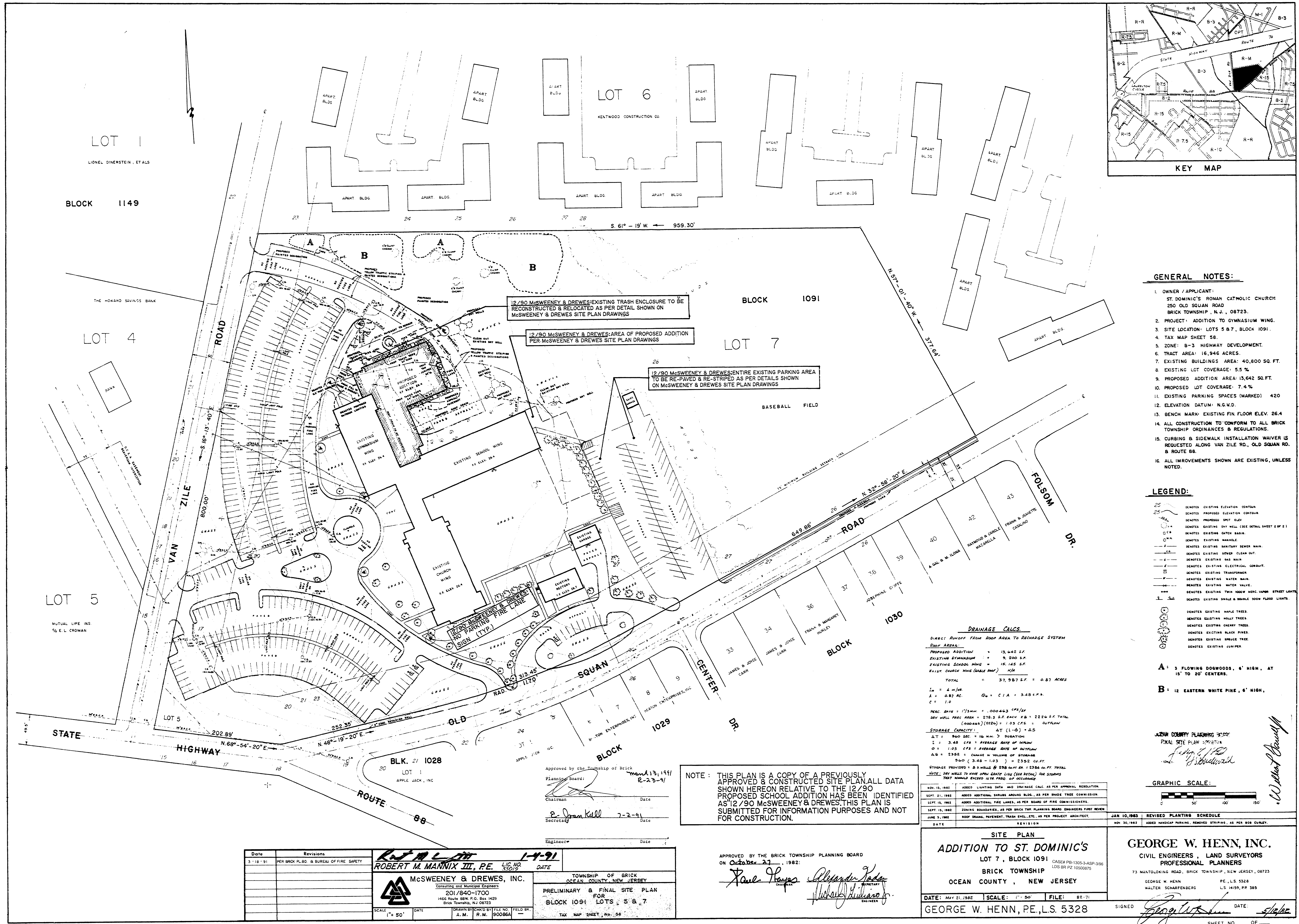
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SITE PLAN
ADDITION TO ST. DOMINIC'S
LOT 7, BLOCK 1091
BRICK TOWNSHIP
OCEAN COUNTY, NEW JERSEY
CASE# PB-1305-3-ASP-396
LDS BR PB 10500875

DATE: MAY 21, 1982 SCALE: 1" = 50' FILE: 82-71
GEORGE W. HENN, P.E., L.S. 5328

GEORGE W. HENN, INC.
CIVIL ENGINEERS, LAND SURVEYORS
PROFESSIONAL PLANNERS
73 MANTOLONG ROAD, BRICK TOWNSHIP, NEW JERSEY, 08723
GEORGE W. HENN P.E., L.S. 5328
WALTER SCHARFENBERG L.S. 14159, P.P. 385

SIGNED: [Signature] DATE: 5/15/82



NOTE: THIS PLAN IS A COPY OF A PREVIOUSLY APPROVED & CONSTRUCTED SITE PLAN. ALL DATA SHOWN HEREON RELATIVE TO THE 12/90 PROPOSED SCHOOL ADDITION HAS BEEN IDENTIFIED AS 12/90 McSWEENEY & DREWES. THIS PLAN IS SUBMITTED FOR INFORMATION PURPOSES AND NOT FOR CONSTRUCTION.

Approved by the Township of Brick
Planning Board:
Chairman: [Signature] Date: 12-23-91
Secretary: [Signature] Date: 7-2-91
Engineer: [Signature] Date: [Blank]

Date	Revisions
3-18-91	PER BRICK P.L.D. & BUREAU OF FIRE SAFETY

McSWEENEY & DREWES, INC. Consulting and Municipal Engineers 201/840-1700 1466 Route 88W, P.O. Box 1429 Brick Township, NJ 08723	ROBERT M. MANNIX III, P.E. LIC. NO. 33019 DATE 1-4-91
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TOWNSHIP OF BRICK OCEAN COUNTY, NEW JERSEY	PRELIMINARY & FINAL SITE PLAN FOR BLOCK 1091 LOTS 5 & 7
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SCALE 1" = 50'	DATE	DRAWN BY CHD BY FILE NO. FIELD BK.	A.M. R.M. 800864
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TAX MAP SHEET, No. 58

APPROVED BY THE BRICK TOWNSHIP PLANNING BOARD
ON October 27, 1982:
[Signature] Chairman
[Signature] Secretary
[Signature] Engineer