

KESHER ISRAEL SYNAGOGUE

SECURITY UPGRADES

CODE SUMMARY:

CODE:

DISTRICT OF COLUMBIA MUNICIPAL REGULATIONS TITLE

- 12 CONSTRUCTION CODES, 2017

2015 INTERNATIONAL EXISTING BUILDING CODE, AMENDED BY 2017 DCMR 12A

ICC/ANSI A117.1 2009, AMENDED BY DCMR 12A 2009

2014 NATIONAL ELECTRIC CODE, AMENDED BY 2017 DCMR 12C

2015 INTERNATIONAL FUEL GAS CODE, AMENDED BY 2017 DCMR 12D

2015 INTERNATIONAL MECHANICAL CODE, AMENDED BY 2017 DCMR 12E

2015 INTERNATIONAL PLUMBING CODE, AMENDED BY 2017 DCMR 12F

2015 INTERNATIONAL FIRE PREVENTION CODE AMENDED BY 2017 DCMR 12H

2015 INTERNATIONAL ENERGY CONSERVATION CODE, AMENDED BY 2017 DCMR 12I

USE GROUP: ASSEMBLY GROUP A-3

PLACES FOR RELIGIOUS WORSHIP

TYPE OF CONSTRUCTION:

TYPE III-B

HEIGHT: 55 FEET

STORIES: 2 ABOVE GRADE PLANE

AREA: 9,500SF

FIRE-RESISTANCE RATING (IN HOURS) REQUIREMENTS PER

CONSTRUCTION TYPE:

PRIMARY STRUCTURAL FRAME: 0

BEARING WALLS: EXTERIOR 2

INTERIOR 0

NONBEARING WALLS

INTERIOR: 0

FLOOR CONSTRUCTION

AND SECONDARY MEMBERS 0

ROOF CONSTRUCTION

AND SECONDARY MEMBERS 0

EXISTING CONDITIONS:

HEIGHT: 36 FEET (TO TOP OF PARAPET)

STORIES: 2 [TWO-STORIES ABOVE THE GRADE PLANE]

AREA: 1900 GSF

ADDRESS: 2801 N ST NW WASHINGTON DC 20007

SQUARE 1236

LOT# 800

ZONE DISTRICT: R-20

OWNER: KESHER ISRAEL SYNAGOGUE

2801 N ST NW

WASHINGTON, DC 20007

FUNCTION: SYNAGOGUE AND SOCIAL HALL

DESCRIPTION OF

EXISTING CONDITIONS: SYNAGOGUE AND SOCIAL HALL:

1ST FLOOR 1860 GSF

2ND FLOOR 1860 GSF

3RD FLOOR/BALCONY 1050 GSF

PROJECT SUMMARY: SECURITY UPGRADES INCLUDE:

- INSTALL THREE STEEL BOLLARDS AT THE

SIDEWALK IN FRONT OF THE FRONT ENTRANCE,

- REPLACE THE FRONT DOORS AND THE THREE

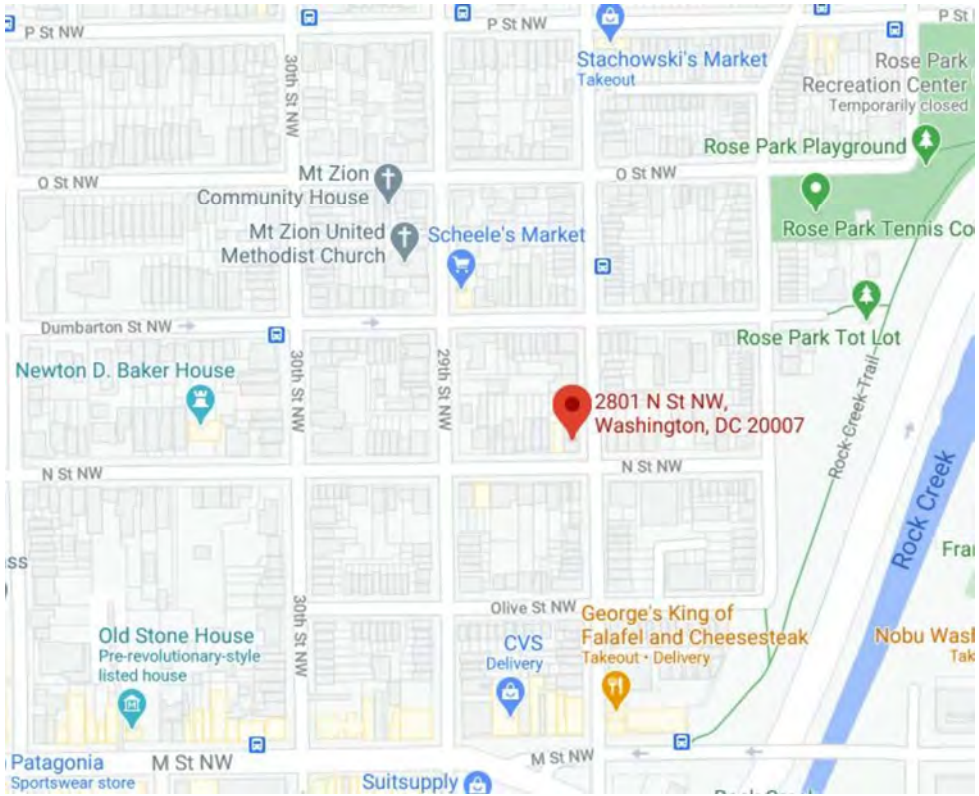
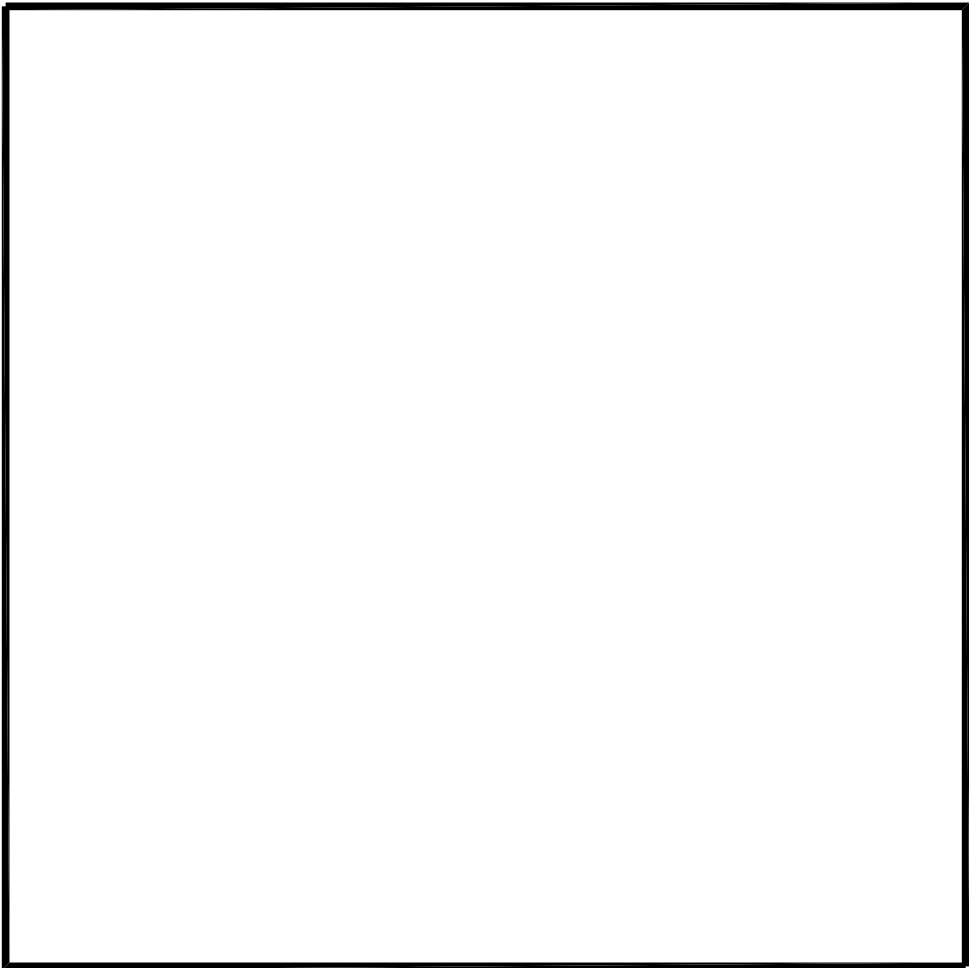
REAR EXIT DOORS AND HARDWARE WITH NEW

SECURE DOORS AND HARDWARE,

- INSTALL A SIX-FOOT HIGH WOOD FENCE ON TOP

OF AN EXISTING MASONRY WALL SEPARATING

THE REAR YARDS BETWEEN 2801 AND 2803 N ST.



VICINITY MAP



LOCATION MAP

LIST OF DRAWINGS:

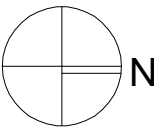
GENERAL	
G0000	COVER SHEET - LIST OF DRAWINGS, PROJECT SUMMARY, CODE SUMMARY & MAPS
G0001	CONTEXT PHOTOGRAPHS
ARCHITECTURAL	
A0100	DOOR SCHEDULE, DOOR & FRAME TYPES
A0110	SITE PLAN & 1ST FLOOR PLAN
A0111	2ND FLOOR PLAN
A0112	3RD FLOOR PLAN
A0113	ENLARGED PLAN
A0114	FENCE ELEVATIONS, SECTION & DETAIL

ISSUE DATE:	MAY 25, 2021
KSA PROJECT NO.:	102102
DRAWN BY:	BL
CHECKED BY:	SK/BL



2801 N ST NW WASHINGTON DC 20007

G0000
COVER SHEET





EXISTING 4'-0" WOOD FENCE
& TERRACOTTA COPING TO
BE REPLACED

1 CONTEXT PHOTOGRAPH - REAR YARD BRICK
WALL & EXISTING WOOD FENCE VIEWED
FROM KESHER ISRAEL REAR YARD



1 KESHER ISRAEL: 2801 N STREET NW



2 1308 28TH 3 1310 28TH STREET



4 1312 28TH STREET



5 1314 28TH STREET



6 1316 28TH STREET



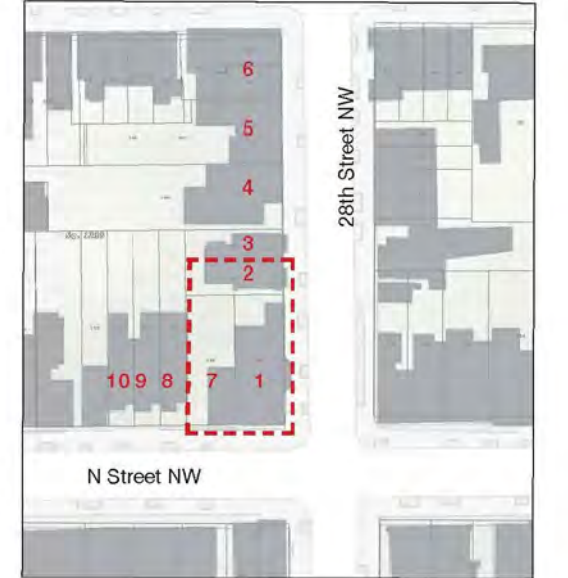
8 / 9 / 10 2805 - 2509 N STREET NW



7 2803 N STREET NW



7 2803 N STREET NW 1 KESHER ISRAEL: 2801 N STREET NW



CONTEXT PHOTOGRAPHS - 28th & N STREETS



2809 N STREET | 2803 N STREET

CONTEXT PHOTOGRAPH - 2803 & 2805 N ST
VIEW FROM N STREET NORTH TO THE
REAR YARD OF 2803 N STREET.

3

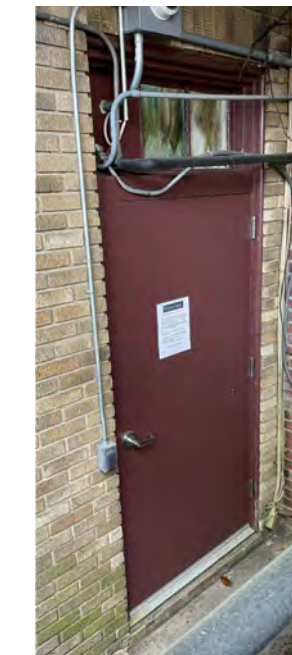


CONTEXT PHOTOGRAPH - VIEW OF
REAR YARD OF 2803 N STREET.

2



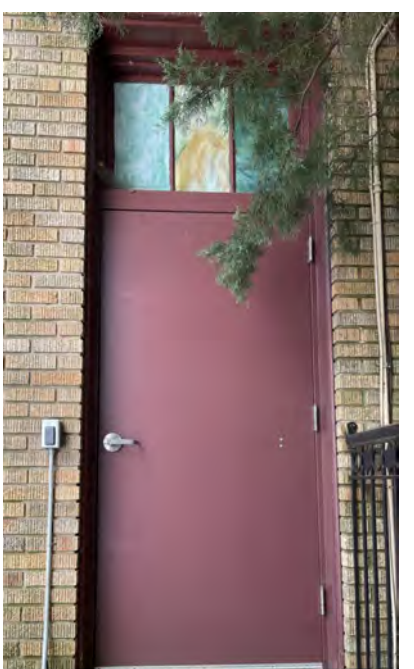
PHOTOGRAPH PH1 -
FRONT ENTRANCE DOOR



PHOTOGRAPH PH2-
REAR EXIT DOOR AT
1ST FLOOR

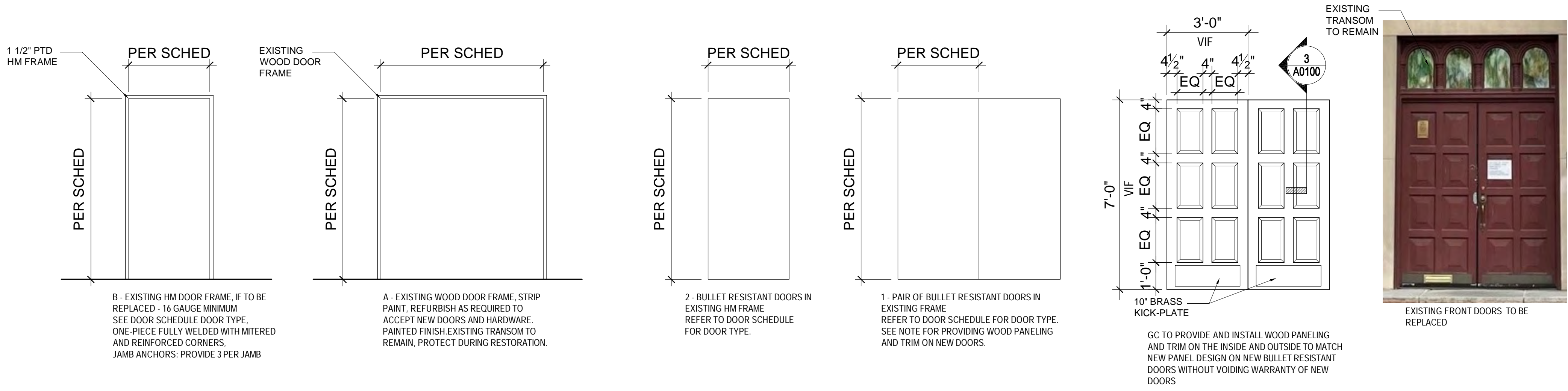


PHOTOGRAPH PH3-
REAR EXIT DOOR AT
2ND FLOOR



PHOTOGRAPH PH4-
REAR EXIT DOOR AT
3RD FLOOR

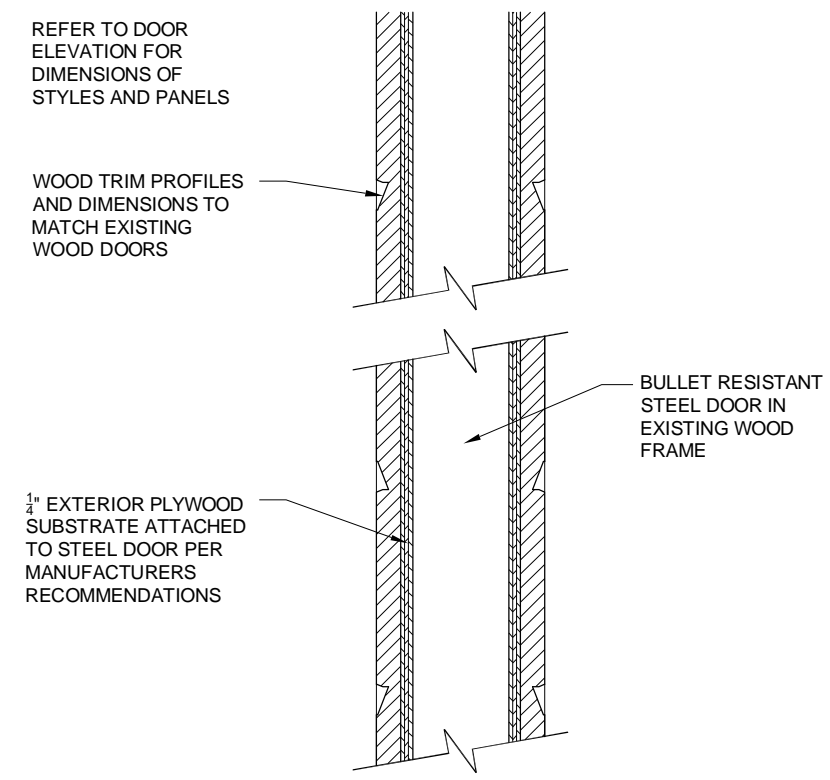
CONTEXT PHOTOGRAPHS -
SYNAGOGUE DOORS TO BE REPLACED



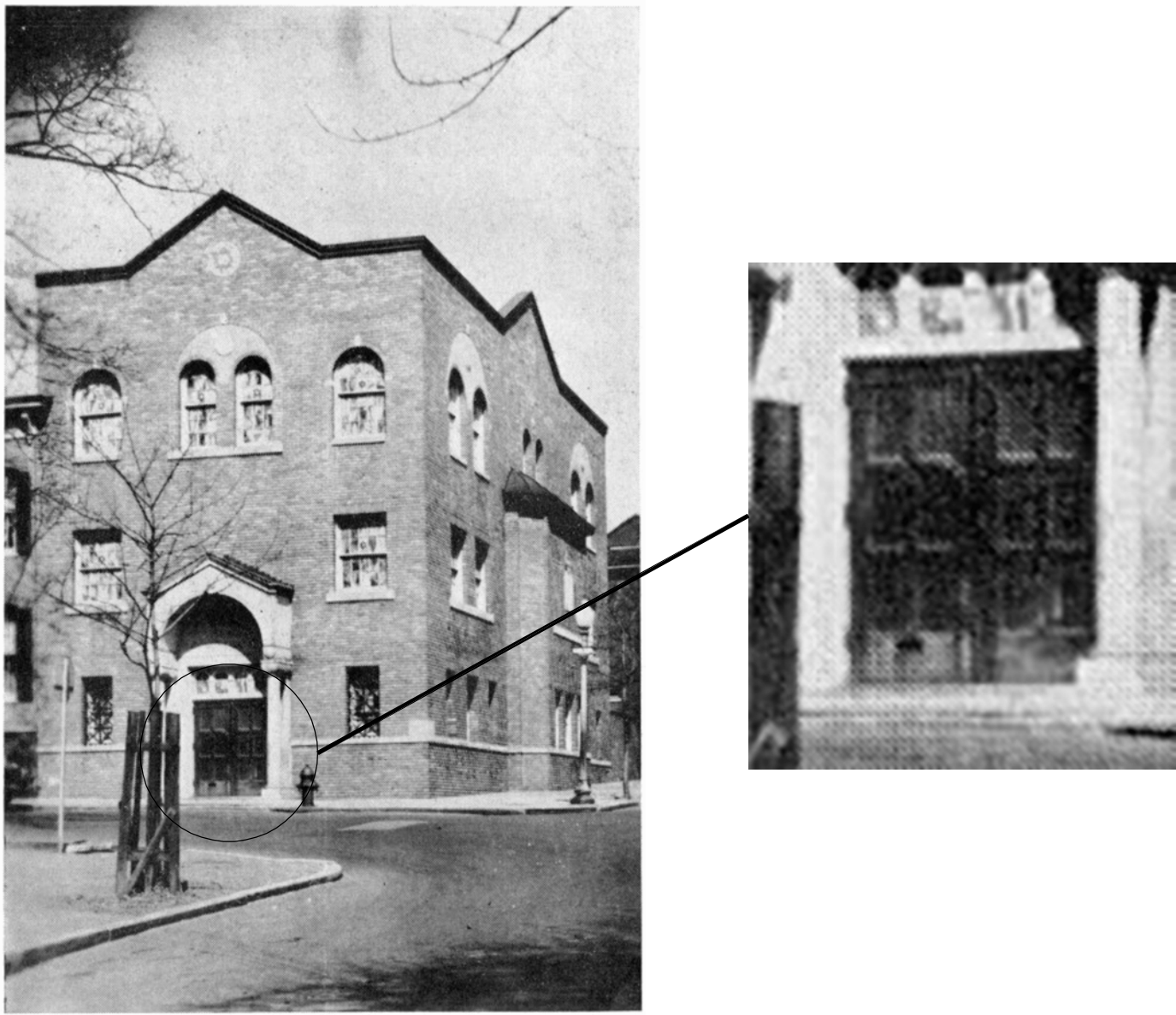
1 DOOR & FRAME TYPES
3/8" = 1'-0"

DOOR SCHEDULE:												
Photograph - G0001	Door Number	Room Name	Width	Height	Door Matl.	Door Type	Door Finish	Frame Matl.	Frame Type	Frame Finish	Hardware set option 2	Remarks
PH1	101A	Lobby	Pair of 3'-0"	7'-0"	STL	1	PTD	WD	A	PTD	2.0	Inspect condition of existing WD frame to determine its condition and use for new doors and hardware. Verify height & width of existing opening
PH2	101B	Social Hall exit	3'-0"	7'-0"	STL	2	PTD	HM	B	PTD	2.5	Inspect condition of existing HM frame to determine its condition and use for new doors and hardware. Verify height & width of existing opening
PH3	201A	Sanctuary exit	3'-0"	7'-0"	STL	2	PTD	HM	B	PTD	2.5	Inspect condition of existing HM frame to determine its condition and use for new doors and hardware. Verify height & width of existing opening
PH4	301A	Balcony exit	3'-0"	7'-0"	STL	2	PTD	HM	B	PTD	2.5	Inspect condition of existing HM frame to determine its condition and use for new doors and hardware. Verify height & width of existing opening

2 DOOR SCHEDULE
1/8" = 1'-0"



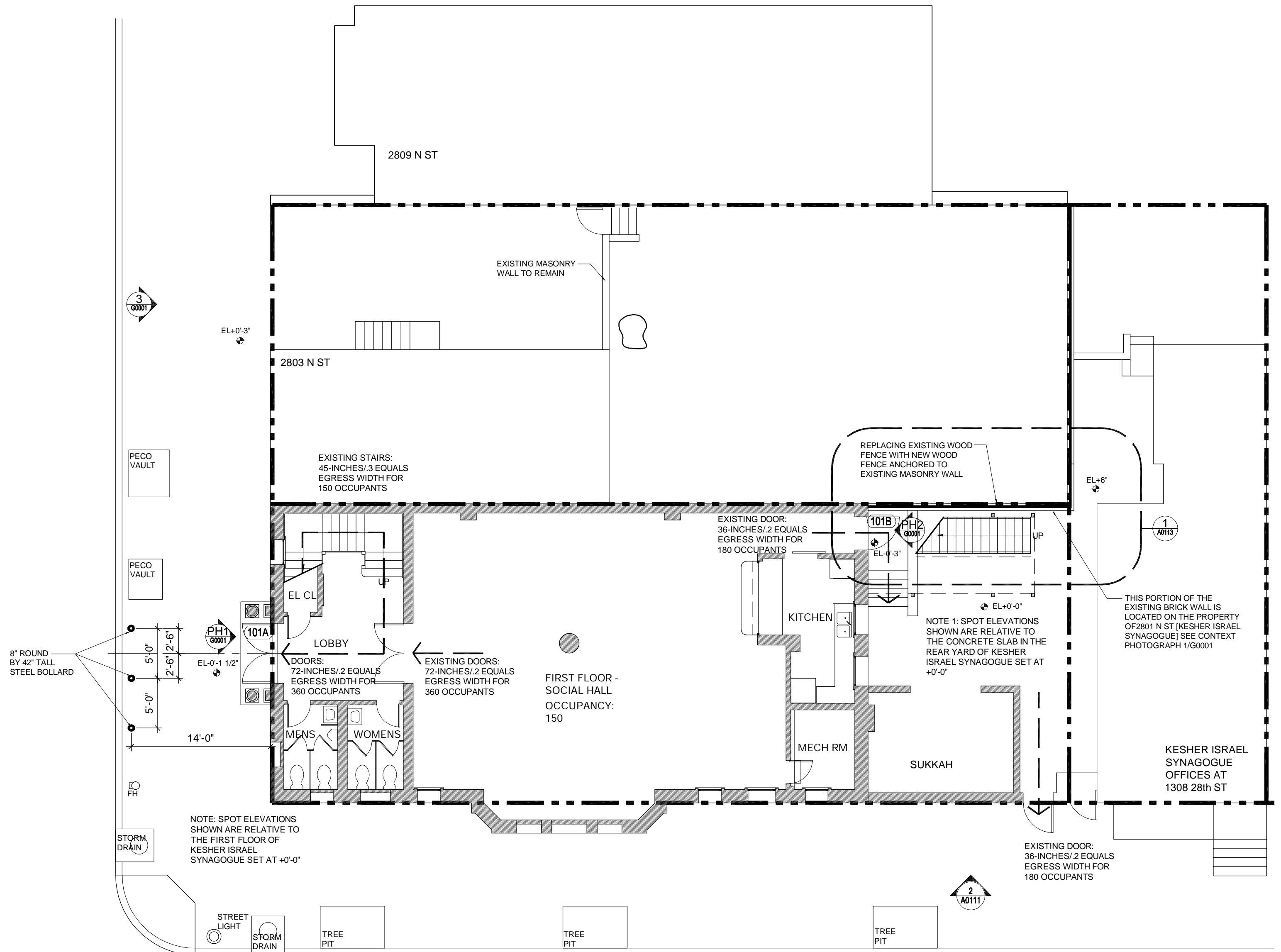
3 DOOR SECTION DETAIL
3" = 1'-0"



EARLIEST PHOTOGRAPH OF FRONT ENTRANCE DOORS, DATE: 1951



2 PROPOSED 42-INCH
TALL BOLLARD



1 SITE PLAN &
1ST FLOOR PLAN
1/8" = 1'-0"

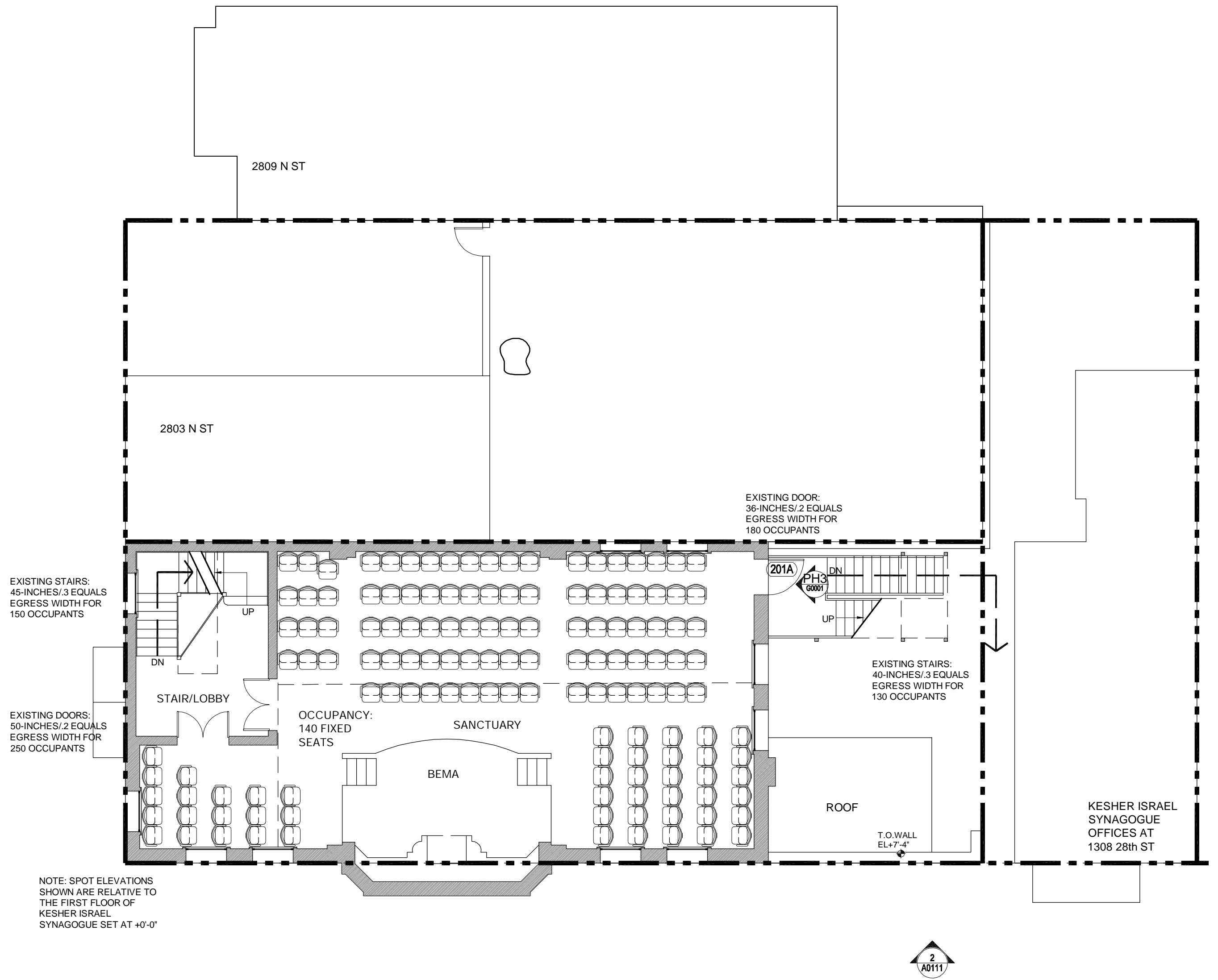


EXISTING WOOD FENCE PROPOSED TO BE REPLACED, BEYOND.

EXISTING 7'-4" TALL MASONRY WALL ALONG 28TH ST. AT THE REAR YARD OF 2801 N ST [KESHER ISRAEL SYNAGOGUE].

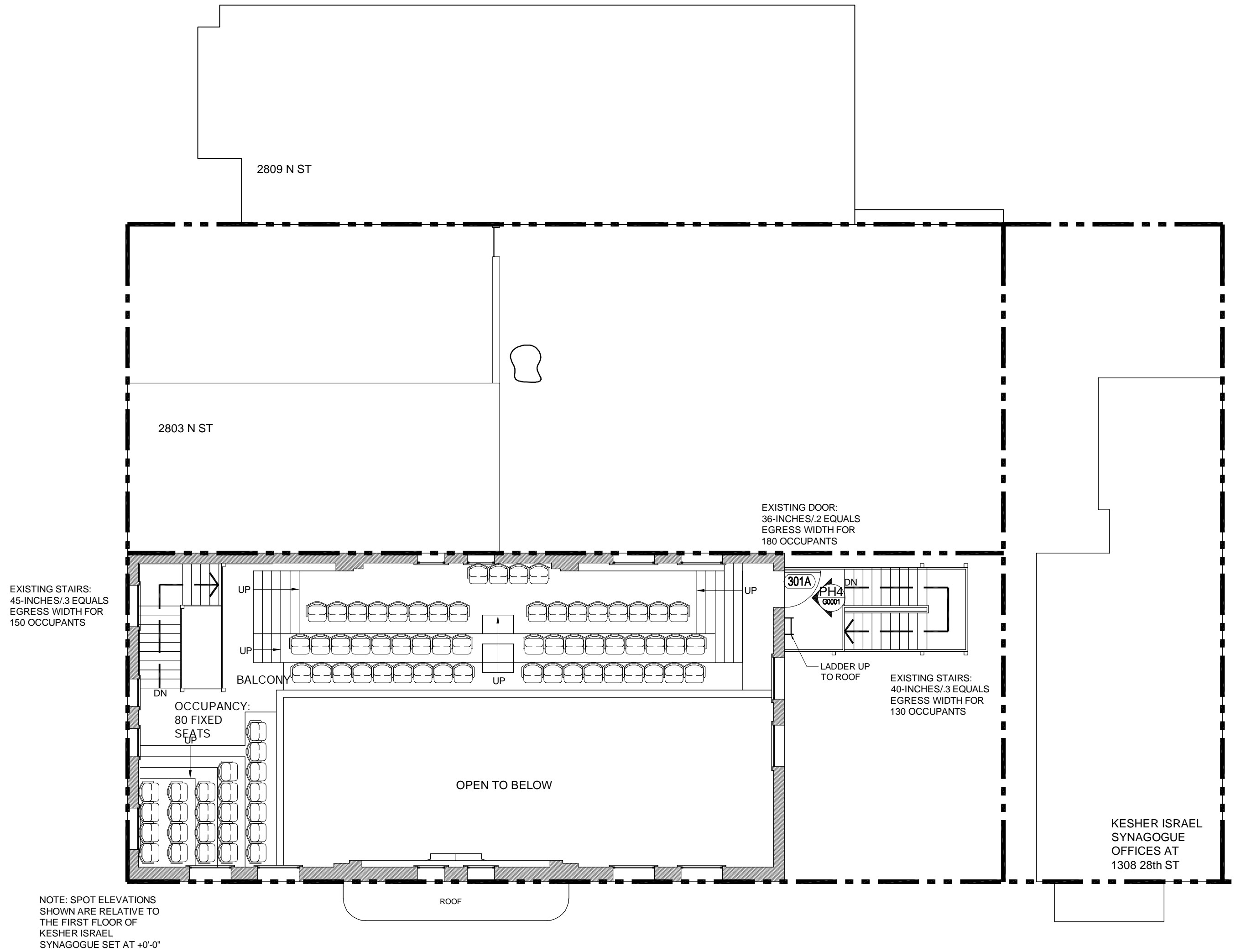


VIEW OF MASONRY WALL
FROM 28TH ST

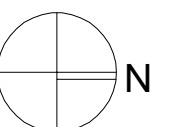


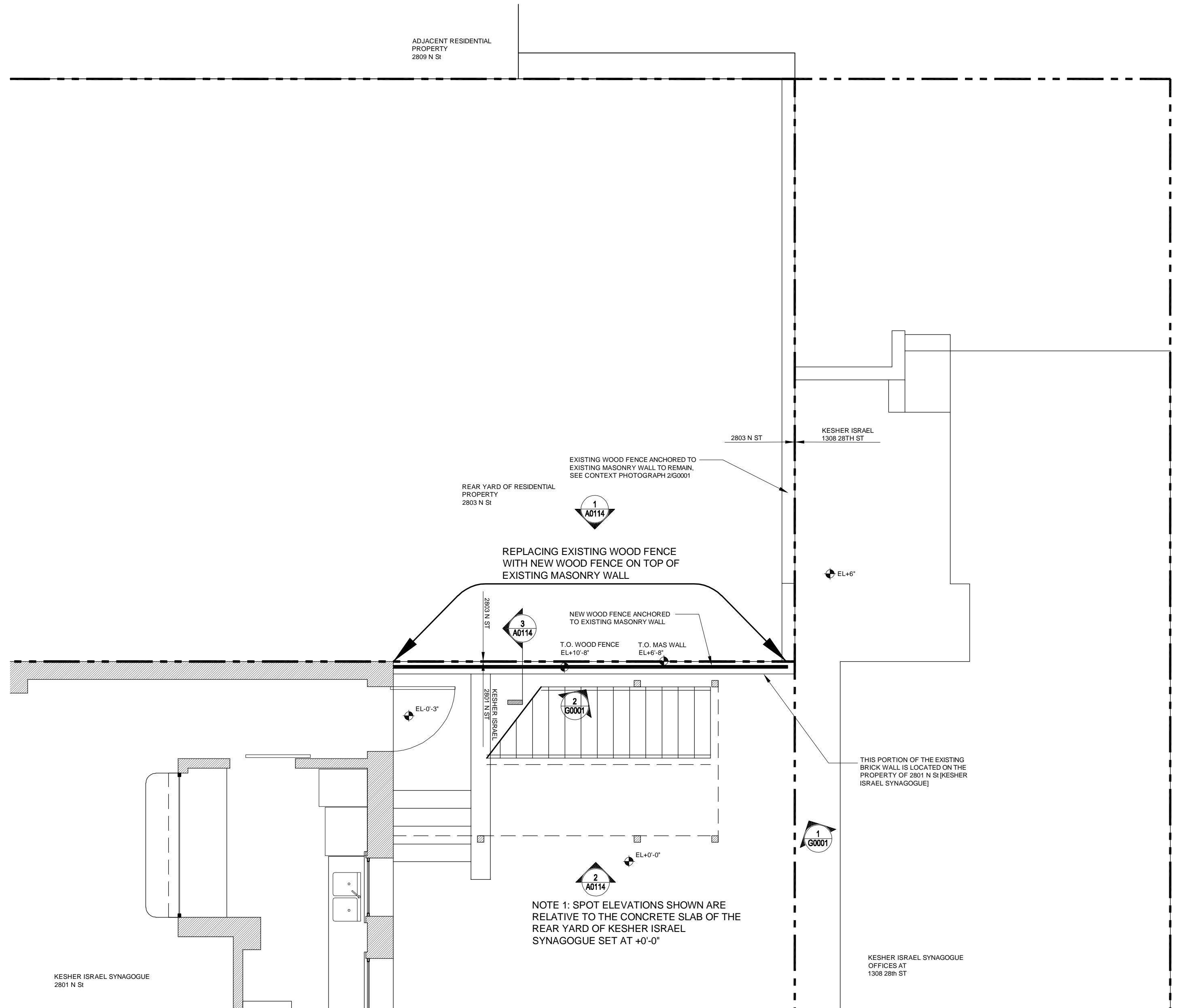
2ND FLOOR PLAN
1/8" = 1'-0"



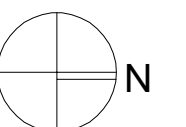


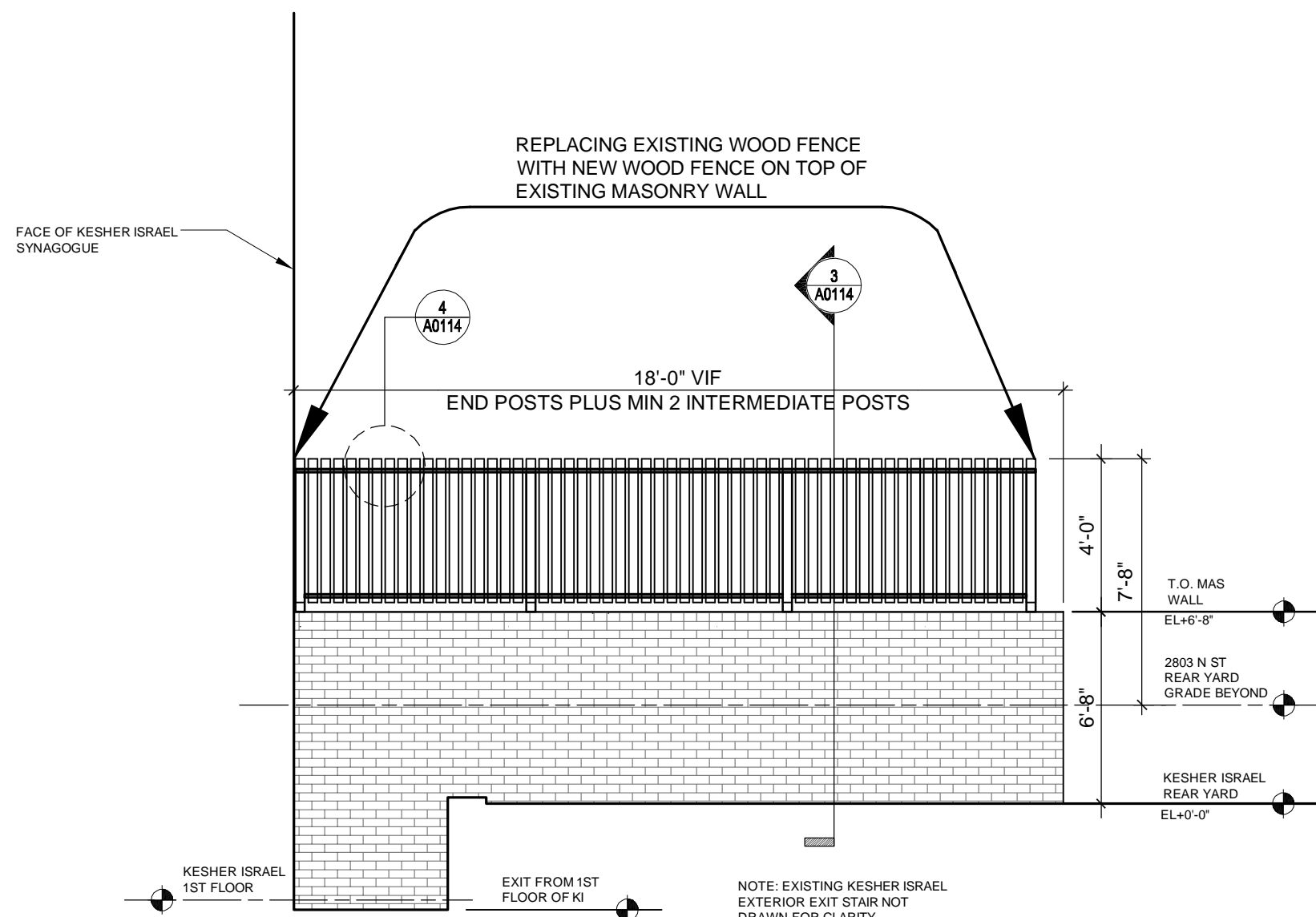
1 3RD FLOOR PLAN
1/8" = 1'-0"





1 FENCE PLAN
1/4" = 1'-0"





2 EAST FENCE ELEVATION FROM THE KESHER ISRAEL REAR YARD
1/4" = 1'-0"

4'-0" HIGH 3 1/2" WIDE CEDAR SLAT FENCE WITH PRESSURE TREATED 3X3 WOOD POSTS & 2X3 CROSS MEMBERS. USE STAINLESS STEEL SCREWS ONLY. FENCE POSTS & SUPPORTS TO BE ON THE KESHER ISRAEL SIDE OF THE MASONRY WALL.

ALL WOOD MEMBERS TO BE PRIMED & STAINED. BASIS OF DESIGN: BENJAMIN MOORE CORONADO MAXUM STAIN & PRIMER B2000, SHEEN: FLAT, COLOR: FOREST FLOOR 1498. PROVIDE SAMPLE.

PROVIDE SIMPSON STRONG-TIE ADJUSTABLE POST BASE. SECURELY ANCHOR INTO EXISTING MASONRY WALL. INSPECT AND REPAIR MASONRY WALL AS REQUIRED TO ANCHOR FENCE POSTS PER MANUFACTURER'S RECOMMENDATIONS.

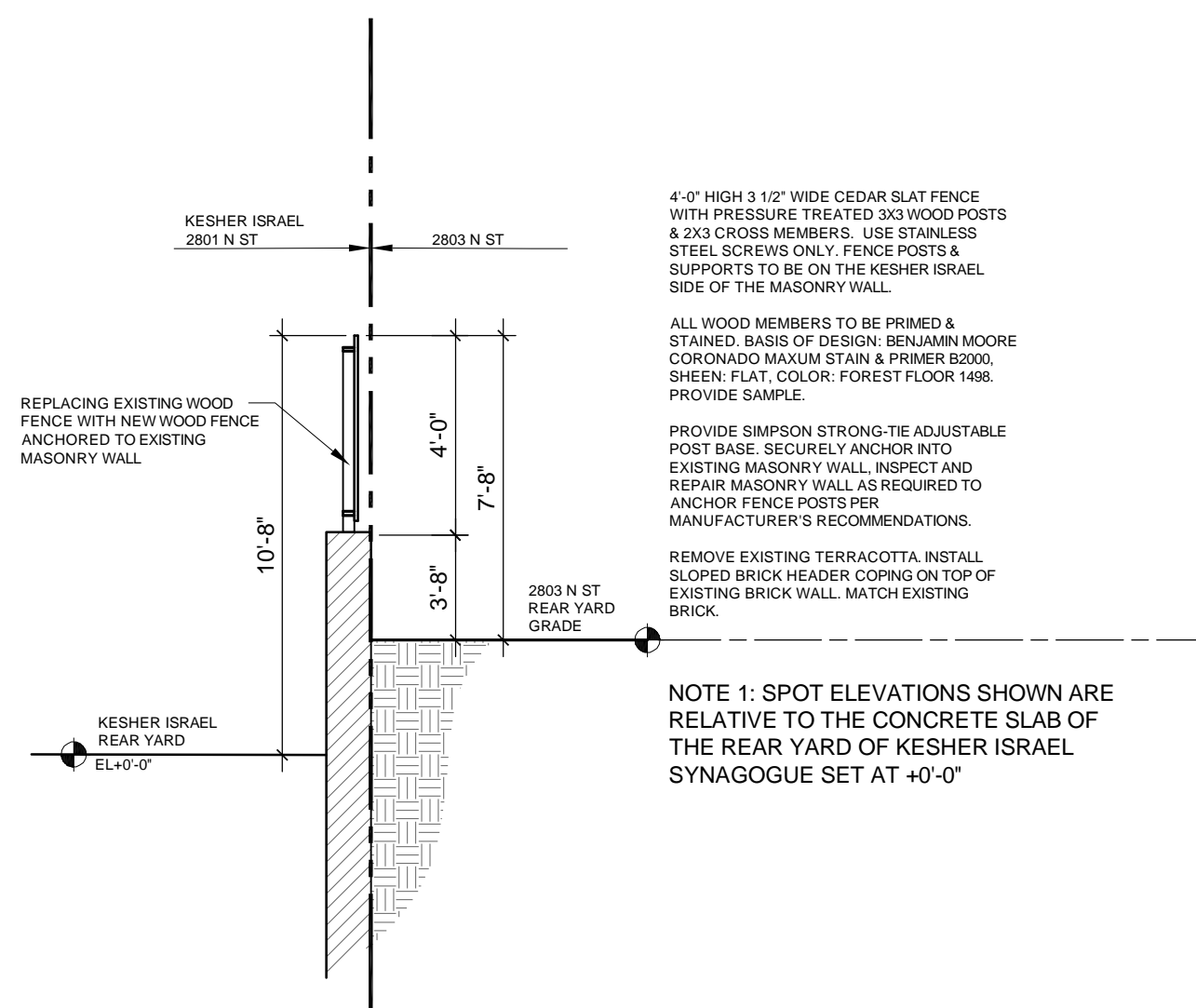
REMOVE EXISTING TERRACOTTA. INSTALL SLOPED BRICK HEADER COPING ON TOP OF EXISTING BRICK WALL. MATCH EXISTING BRICK.

NOTE 1: SPOT ELEVATIONS SHOWN ARE RELATIVE TO THE CONCRETE SLAB OF THE REAR YARD OF KESHER ISRAEL SYNAGOGUE SET AT +0'-0"

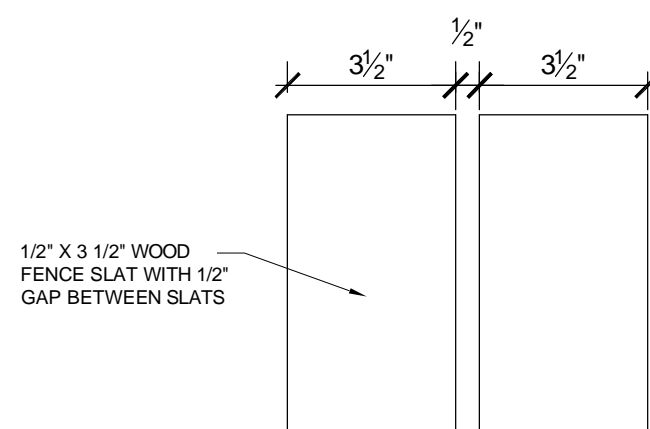
EXISTING WOOD FENCE ANCHORED TO EXISTING MASONRY WALL TO REMAIN

KESHER ISRAEL REAR YARD EL+0'-0"

1 WEST FENCE ELEVATION FROM THE 2803 N ST REAR YARD
1/4" = 1'-0"



3 FENCE SECTION LOOKING SOUTH [TOWARDS N ST.]
1/4" = 1'-0"



4 FENCE DETAIL
3" = 1'-0"

May 25, 2021

Kesher Israel Security Bollards

One of the most significant vulnerabilities of Kesher Israel is a front approach that is unprotected by natural barriers to slow or deter a vehicle-based attack on congregants and individuals assembled by the front door, on the northside of N St NW just west of 28th St NW. Whether parents watching their children play on the sidewalk, individuals and families waiting for services to conclude, or congregants entering and exiting the building, the main entrance is a highly visible and high-traffic area. On the basis of recommendations of security consultants, and with approved funding from the Dept. Of Homeland Security, we plan to install bollards on the sidewalk as a protective barrier and deterrent to vehicle-based attacks. The most significant vulnerability is to an approach from the south, of a vehicle driving at high speed northbound on 28th St and then veering across traffic, onto the sidewalk, and into the front door of the synagogue. Due to existing lamp posts, sidewalk cut-outs, fire hydrants, and subterranean utility vaults that are directly in front of the synagogue entrance, we are limited in the number and placement of bollards, but the most strategic and relevant positions are in the proposed locations on the northside of N St NW, just in front of the synagogue entrance.

Yours truly,



Steven Kleinrock, AIA
Principal