

# ISRAELI RESIDENCE

950 SMITH LANE, WOODMERE NY, 11598

## ZONING CALCULATIONS

RESIDENCE DISTRICT	B	
LOT SIZE	15,246 SQ. FT.	
MAXIMUM PERMITTED LOT COVERAGE		
MAXIMUM PERMITTED BUILDING AREA COVERAGE >3' HIGH	15,246 * 20% = 3,049.20 SQ. FT.	
ACTUAL BUILDING AREA COVERAGE > 3' HIGH	2,359.00 SQ. FT.	
	2,359.00 < 3,033.20	
MAXIMUM PERMITTED STRUCTURES < 3' HIGH	1,500.00 SQ. FT.	
ACTUAL BUILDING AREA COVERAGE < 3'	608.00 SQ. FT.	
MAXIMUM PERMITTED SURFACE COVERAGE		
IMPERVIOUS	ACTUAL IMPERVIOUS	
4,520 + (15,246-12,001) *26% = 5,363.7 SQ. FT.	3,898.0 SQ. FT.	
REQUIRED SETBACKS	ACTUAL SETBACKS	
FRONT YARD- 30 FEET	29.83' (EXIST. TO REMAIN)	
REAR YARD- 20 FEET	33.00' (EXIST. TO REMAIN)	
SIDE YARD- 20 FEET	10.25' (EXIST. TO REMAIN)	
MAXIMUM PERMITTED HEIGHT/SETBACK RATIO	PROPOSED SETBACK RATIO	
FRONT YARD	0.60	0.60 (EXISTING TO REMAIN)
REAR YARD	1.00	1.00 (EXISTING TO REMAIN)
SIDE YARD	1.00	2.10 (PROPOSED)
MAXIMUM BUILDING HEIGHT	ACTUAL BUILDING HEIGHT	
TWO AND ONE-HALF STORIES WITH MAX OF 30'	26' -8"	
PARKING REQUIREMENT		
2+ 1 ADDITIONAL PER BEDROOM IN EXCESS OF 3 BEDROOMS	3 SPOTS REQUIRED	

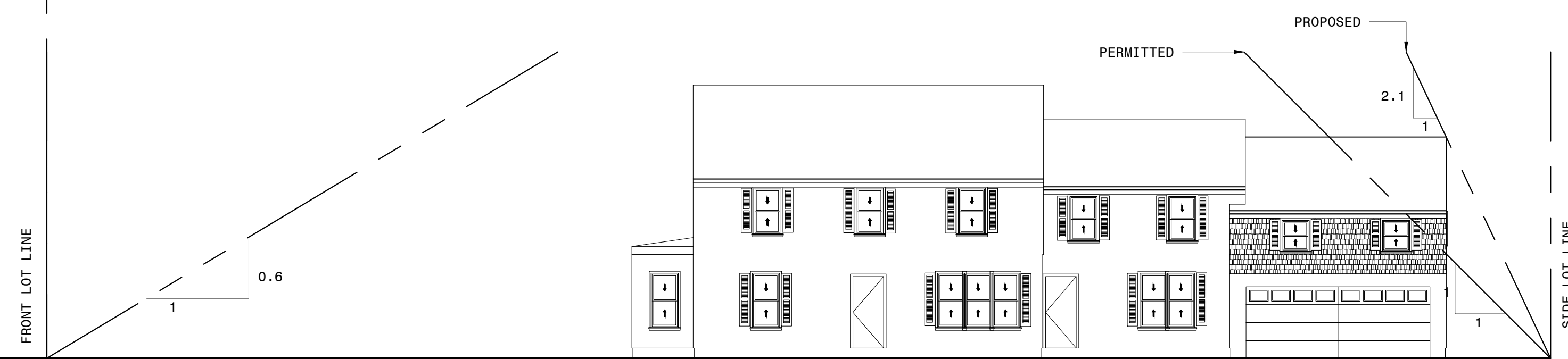
## ENERGY ANALYSIS

COMPONENT	REQUIRED	PROPOSED
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.40	0.40
CEILING R-VALUE	R-49	R-38 CONTINUOUS
WOOD FRAME WALL R-VALUE	20 OR 13+5CI	21
FLOOR R-VALUE	19	19

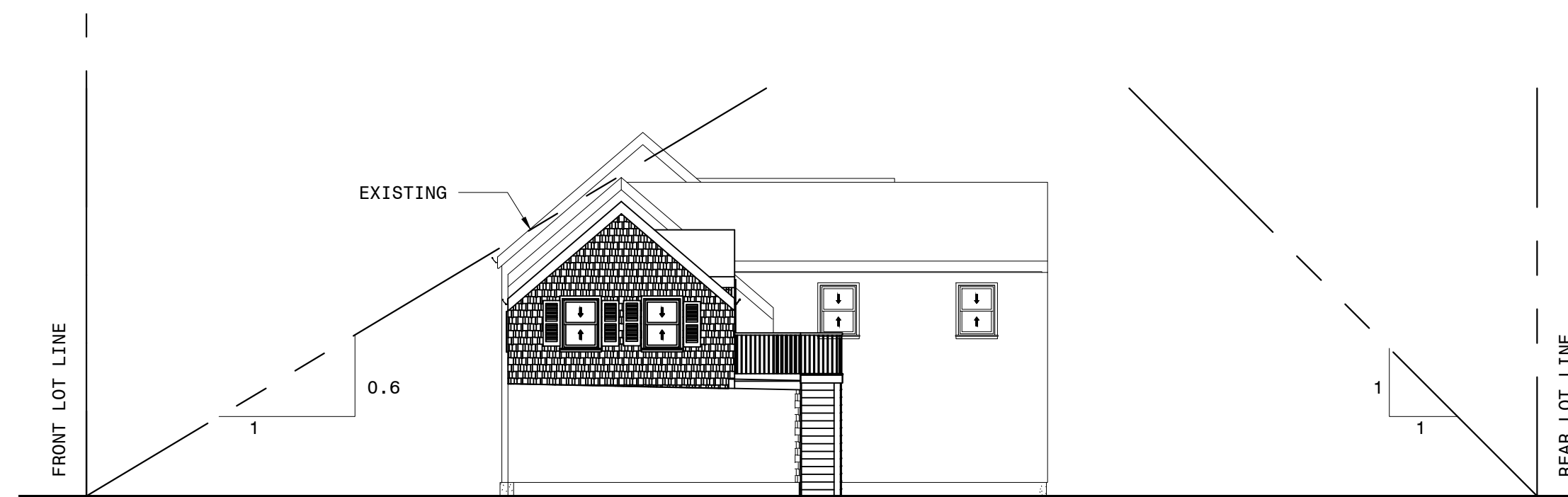
PER R402.2.1 CEILINGS WITH ATTIC SPACES- INSTALLING R-38 OVER 100% OF THE CEILING AREA REQUIRING INSULATION SHALL BE DEEMED TO SATISFY THE REQUIREMENT FOR R-49 INSULATION WHEREVER THE FULL HEIGHT OF UNCOMPRESSED R-38 INSULATION EXTENDS OVER THE WALL TOP PLATE AT THE EAVES.

PER R402.2.4 ACCESS HATCHES- SHALL BE WEATHERSTRIPPED AND INSULATED TO A LEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACES.

PER R402.4.1 AIR BARRIER AND INSULATION INSTALLATION:  
 A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE.  
 ALL JOINTS IN THE AIR BARRIER SHALL BE SEALED.  
 ACCESS OPENINGS TO UNCONDITIONED ATTIC SPACES SHALL BE SEALED.  
 JUNCTION BETWEEN FOUNDATION AND SILL PLATES SHALL BE SEALED.  
 SPACES BETWEEN WINDOW/DOOR JAMBS AND FRAMING SHALL BE SEALED.  
 AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.  
 RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING ENVELOPE SHALL BE SEALED TO THE DRYWALL.  
 PER R404 ELECTRICAL POWER AND LIGHTING SYSTEMS- NOT LESS THAN 75% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICIENCY LAMPS.



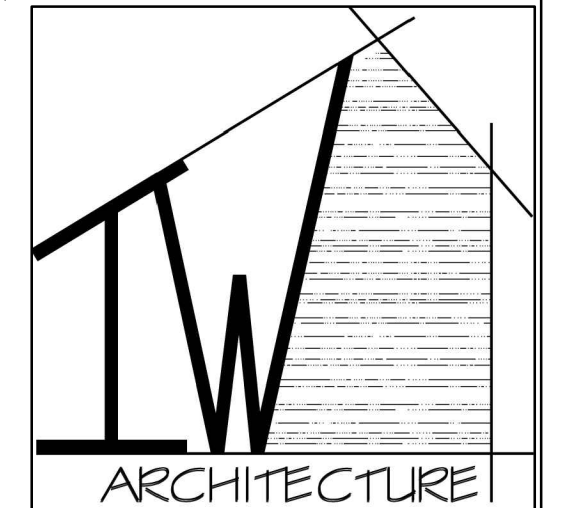
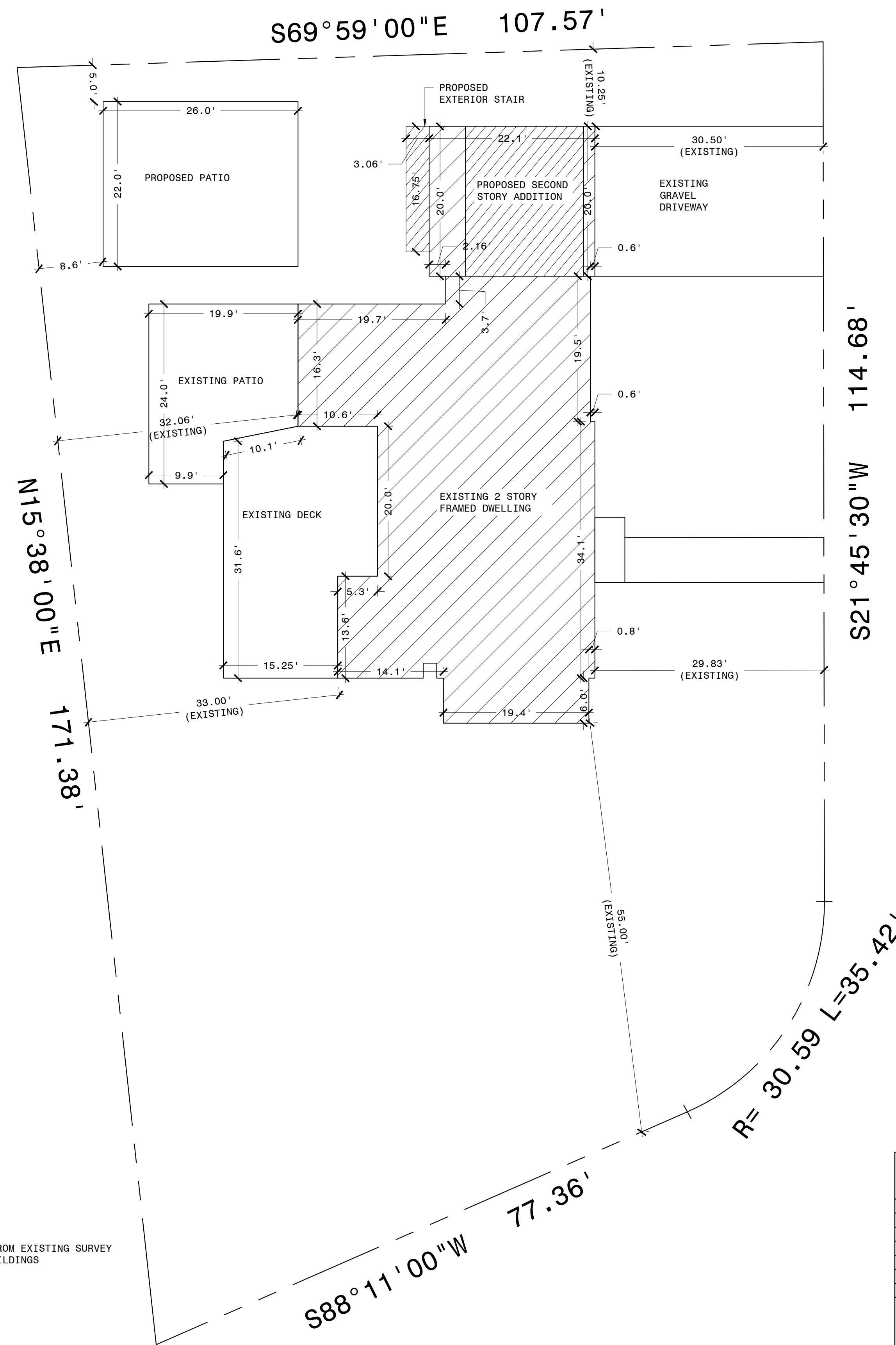
1 FRONT/SIDE HEIGHT/SETBACK RATIO  
 SCALE: 1" = 10'



2 FRONT/BACK HEIGHT/SETBACK RATIO  
 SCALE: 1" = 10'

## 3 PLOT PLAN

SCALE: 1" = 10'  
 SITE INFORMATION OBTAINED FROM EXISTING SURVEY  
 ON-FILE AT DEPARTMENT OF BUILDINGS



IW ARCHITECTURE, PLLC  
 845 MYRNA DRIVE  
 WEST HEMPSTEAD, NY 11552

07.29.20 ISSUED FOR FILING  
 07.22.20 ISSUED FOR FILING  
 ISSUES AND REVISIONS

SEAL/SIGNATURE  
 ISRAELI RESIDENCE  
 950 SMITH LANE  
 WOODMERE, NY 11552

TITLE SHEET W/ PLOT  
 PLAN AND ZONING

Drawing #  
**A-01**  
 Scale: AS NOTED Date: 07.22.20  
 DRWN BY: IW  
 CHK'D BY: IW  
 01 of 5