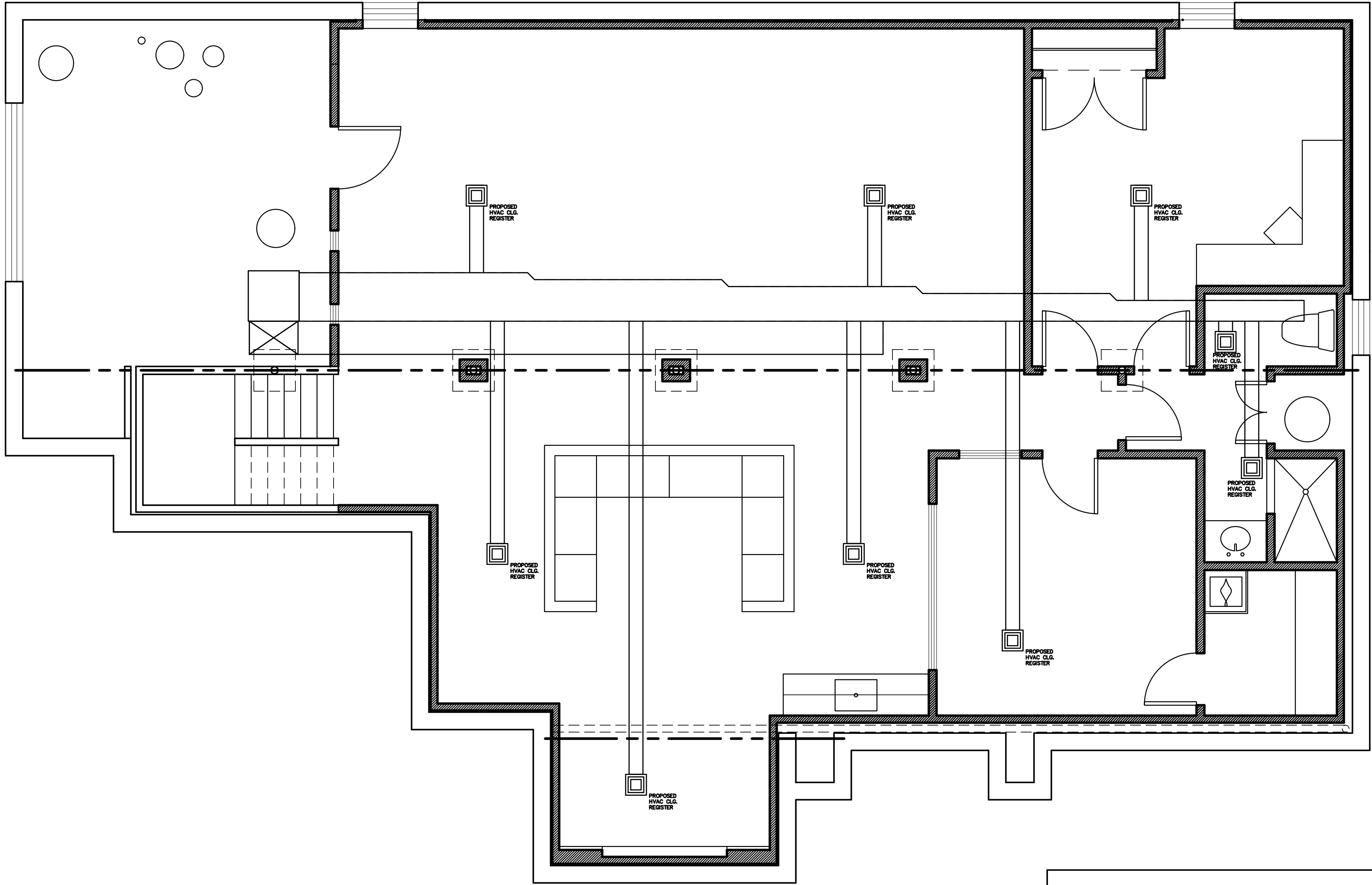




2 FINISHED BASEMENT HVAC DUCT LAYOUT
1/4"=1'-0"

HVAC NOTES TO CONTRACTOR:

- GENERAL CONTRACTOR ALONG WITH NEW JERSEY LICENSED HVAC CONTRACTOR ON THIS PROJECT, MUST ASSESS THE CAPACITY OF THE EXISTING BASEMENT HVAC UNIT'S CAPACITY TO SUSTAIN THE PROPOSED HEATING AND COOLING LOADS OF THE PROPOSED FINISHED BASEMENT.
- ADD 7 TO 9 CEILING SUPPLY REGISTERS AT THE LOCATIONS INDICATED BY THE ADJACENT HVAC DUCT LAYOUT.
- IF EXISTING HVAC UNIT IS NOT SIZED TO HANDLE THE PROPOSED HEATING AND COOLING LOADS, THEN THE HVAC UNIT SHALL BE REPLACED VIA THE APPROPRIATE SUB-CODE APPLICATION, THUS BEING ABLE TO HANDLE THE EXISTING FIRST FLOOR, AS WELL AS FINISHED BASEMENT.

WALL CONSTRUCTION LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING WALL TO BE REMOVED/DEMOLISHED
	PROPOSED STUD WALL TO BE CONSTRUCTED
	EXISTING CMU FOUNDATION WALL
	PROPOSED 1 HR FIRE RATED WALL 1 LAYER OF 5/8" TYPE "X" GWB ON EA. SIDE OF WALL
	PROPOSED CMU FOUNDATION WALL

ELECTRICAL LEGEND	
	6" DIAMETER RECESSED LIGHTING CAN
	50 CFM EXHAUST FAN
	INTERIOR WALL SCONSE
	ELECTRICAL SWITCH
	DUPLEX RECEPTACLE OUTLET
	GROUND FAULT CIRCUIT INTERRUPTER OUTLET
	SMOKE DETECTOR
	S/MOKE/CARBON MONOXIDE DETECTOR

BUILDING DEPARTMENT INFO		
	EXISTING	PROPOSED ADDITIONS
USE GROUP	R-5	R-5
CONSTRUCTION CLASS	5B	5B
BSMNT SQ. FOOTAGE		1,686 SF FINISHED
HOUSE VOLUME	EXISTING	NO CHANGES
OCCUPANCY LOAD		
AREA OF LARGEST FLOOR (SF)		

DESIGN LOAD TABLE:

FIRST FLOOR:	50 PSF LIVE	10 PSF DEAD
SECOND FLOOR:	40 PSF LIVE	10 PSF DEAD
ROOF:	30 PSF LIVE	10 PSF DEAD
WIND:	100 MPH (ASSUMED)	

ZONING DATA:

MUNICIPALITY	MANALAPAN, NEW JERSEY
LOT NO	4
BLOCK NO.	8404
ZONE	??

SCOPE OF WORK: ARCHITECTURAL PROPOSAL FOR:	
1. PROPOSED FINISHED BASEMENT	

ROBERT A. HERNANDEZ ARCHITECT LLC

267 AMBOY AVENUE SUITE 30 METUCHEN, NJ 08840
TEL: (908)590-1910 FAX: (732)372-7955
EMAIL: NARCHITECTNJ@GMAIL.COM

THE LEBOWITZ RESIDENCE

CLIENT NAME: _____
CLIENT ADDRESS: 61 HIGHLAND RIDGE ROAD MANALAPAN TOWNSHIP, NEW JERSEY 07726
GENERAL CONTRACTOR CONTACT INFORMATION: _____
THE LERMAN GROUP (848) 391-8819

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REVISION # REVISION DATE

DWGS ON THIS SHEET:
ELECTRICAL LAYOUT
PLUMBING RISER DIAGR.

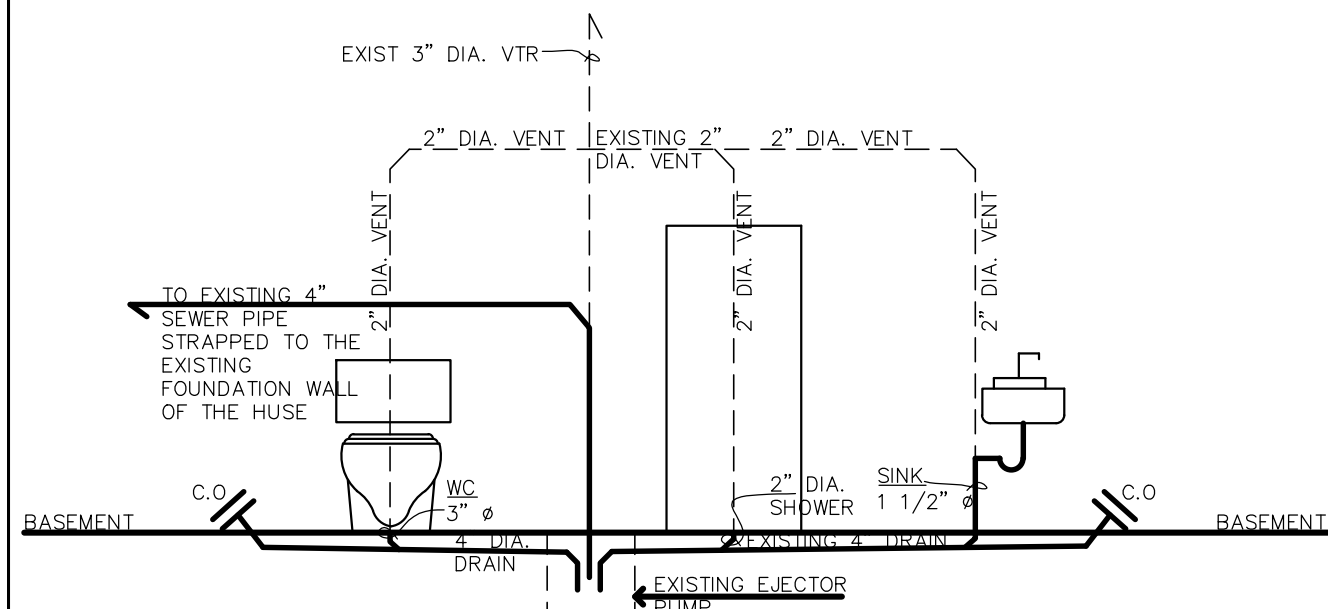
ROBERT A. HERNANDEZ
ARCHITECT

DATE:
JANUARY 9, 2023
SCALE:
AS SHOWN

DRAWN BY
R.A.H.
CHECKED BY
R.A.H.
PROJECT NUMBER
22-045

N.J. Reg. No. 18706
Cert. of Auth# AC-919
(NOT VALID UNLESS SEALED)

PAGE:
A-1
SHEET: 2 OF 3



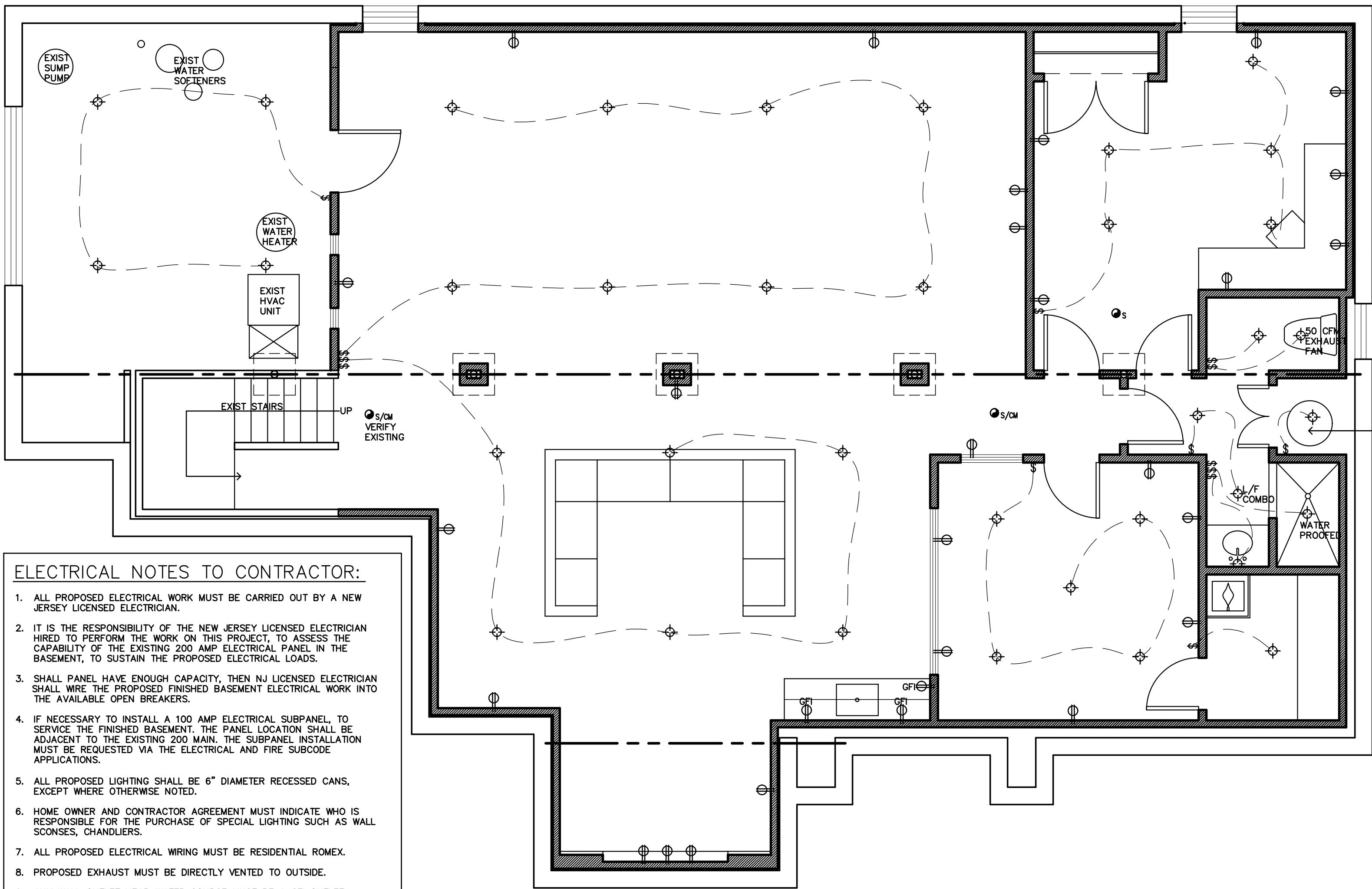
3 PLUMBING RISER DIAGRAM
NOT TO SCALE

PLUMBING NOTES TO CONTRACTOR

- ALL PROPOSED PLUMBING WORK MUST BE CARRIED OUT BY A NEW JERSEY LICENSED PLUMBER.
- BASEMENT ROUGH PLUMBING FOR THE NEW BATHROOM ALREADY EXISTS, AS PART OF THE ORIGINAL CONSTRUCTION OF THE HOUSE. THE PROPOSED BATHROOM LOCATION IS DIRECTLY OVER THE EXISTING DRAINS, BELOW THE EXISTING SLAB. AN EJECTOR PUMP ALREADY EXISTS FOR THIS PROPOSED BATHROOM. SEE FINISHED BASEMENT PLAN FOR EJECTOR PUMP LOCATION, AS WELL AS THE PROPOSED BATHROOM LAYOUT.
- ALL PROPOSED WATER SUPPLY LINES SHALL BE COPPER OR OPTIONAL "PEX" IF AGREED BY HOME OWNER VIA HOME OWNER / CONTRACTOR AGREEMENT.
- ALL PROPOSED DWV PIPING SHALL BE SCHEDULE 40 PVC.
- SEE PLUMBING RISER DIAGRAM.
- HOT AND COLD WATER SUPPLY LINES EXIST DIRECTLY ABOVE THE PROPOSED BATHROOM, AND CAPPED OFF, AS PART OF THE ORIGINAL HOUSE CONSTRUCTION.
- ALL EXTENDED WATER SUPPLY LINES ARRIVING AT THE NEW PLUMBING FIXTURES SHALL BE 1/2" DIAMETER IN SIZE.

ELECTRICAL NOTES TO CONTRACTOR:

- ALL PROPOSED ELECTRICAL WORK MUST BE CARRIED OUT BY A NEW JERSEY LICENSED ELECTRICIAN.
- IT IS THE RESPONSIBILITY OF THE NEW JERSEY LICENSED ELECTRICIAN HIRED TO PERFORM THE WORK ON THIS PROJECT, TO ASSESS THE CAPABILITY OF THE EXISTING 200 AMP ELECTRICAL PANEL IN THE BASEMENT, TO SUSTAIN THE PROPOSED ELECTRICAL LOADS.
- SHALL PANEL HAVE ENOUGH CAPACITY, THEN NJ LICENSED ELECTRICIAN SHALL WIRE THE PROPOSED FINISHED BASEMENT ELECTRICAL WORK INTO THE AVAILABLE OPEN BREAKERS.
- IF NECESSARY TO INSTALL A 100 AMP ELECTRICAL SUBPANEL TO SERVICE THE FINISHED BASEMENT, THE PANEL LOCATION SHALL BE ADJACENT TO THE EXISTING 200 MAIN. THE SUBPANEL INSTALLATION MUST BE REQUESTED VIA THE ELECTRICAL AND FIRE SUBCODE APPLICATIONS.
- ALL PROPOSED LIGHTING SHALL BE 6" DIAMETER RECESSED CANS, EXCEPT WHERE OTHERWISE NOTED.
- HOME OWNER AND CONTRACTOR AGREEMENT MUST INDICATE WHO IS RESPONSIBLE FOR THE PURCHASE OF SPECIAL LIGHTING SUCH AS WALL SCONSES, CHANDLIER.
- ALL PROPOSED ELECTRICAL WIRING MUST BE RESIDENTIAL ROMEX.
- PROPOSED EXHAUST MUST BE DIRECTLY VENTED TO OUTSIDE.
- ANY WALL OUTLET NEAR WATER SOURCE MUST BE A GFI OUTLET.



1 FINISHED BASEMENT ELECTRICAL LAYOUT
1/4"=1'-0"