

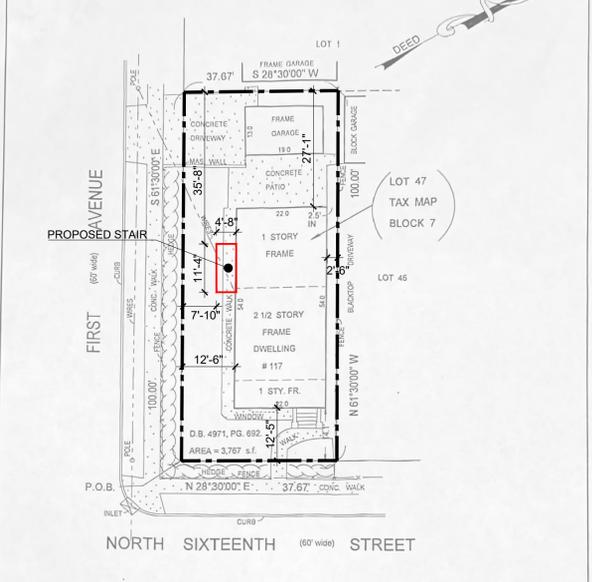
NOTE: THIS CERTIFICATION IS MADE ONLY TO HEREON NAMED PARTIES FOR PURCHASE AND/OR MORTGAGE OF HEREIN DELINEATED PROPERTY BY THE NAME PURCHASER, NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY SURVEYOR FOR USE OF SURVEY FOR ANY OTHER PURPOSE INCLUDING BUT NOT LIMITED TO USE OF SURVEY FOR SURVEY AFFIDAVIT, RESALE OF PROPERTY, OR TO ANY OTHER PERSON NOT LISTED IN CERTIFICATION EITHER DIRECTLY OR INDIRECTLY.

NOTE: THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF ANY TITLE REPORT AND/OR SEARCH. THE PROPERTY SHOWN HEREON, MAY BE SUBJECT TO VARIOUS EASEMENTS AND/OR RIGHTS OF OTHERS. THIS SURVEY IS SUBJECT TO REVISIONS AS SUCH A REPORT AND/OR SEARCH MAY REVEAL.

NOTE: UNDERGROUND UTILITIES, IF ANY, HAVE NOT BEEN LOCATED.

NOTE: SURVEY SUBJECT TO EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD.

"A WRITTEN WAIVER AND DIRECTION NOT TO SET CORNER MARKERS" HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO P.L. 2003, c.14(C46:B-36.3) and N.J.A.C. 13:40-5.1 (b).



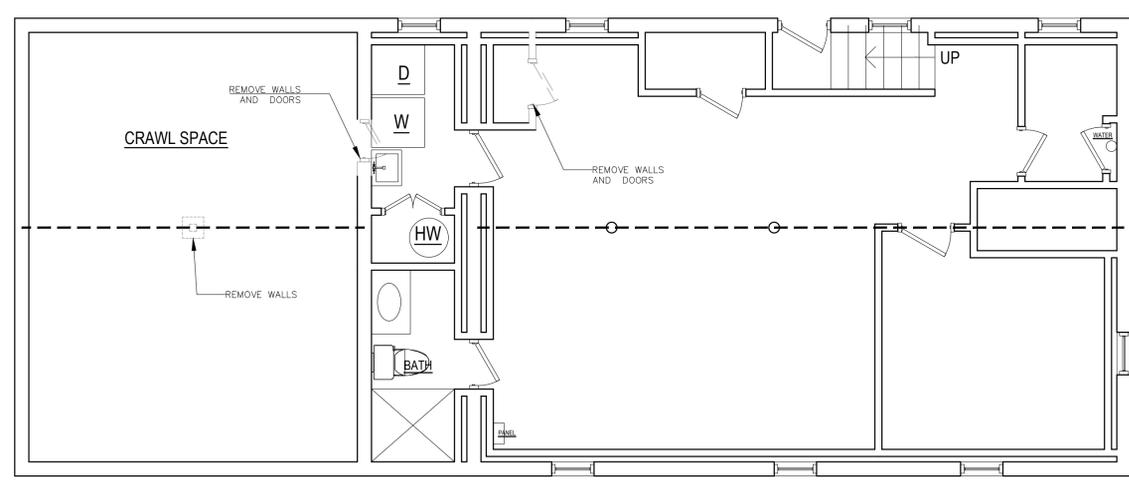
SURVEY OF PROPERTY FOR: BERCELIA J. MIRAVAL
SITUATED IN: TOWN OF BLOOMFIELD, ESSEX COUNTY, NEW JERSEY
PREPARED BY: THOMAS M. ERNST & ASSOCIATES, PROFESSIONAL LAND SURVEYORS, INC.
457 SPOTSWOOD-ENGLISHTOWN ROAD P.O. BOX 221 JAMESBURG, N.J. 08831
CERTIFICATE NUMBER 24GA27897000 PHONE 732-251-1001 FAX 732-251-9470
DATE: OCTOBER 19, 2016 SCALE: 1" = 20'
CERTIFIED TO: BERCELIA MIRAVAL

MICHAEL S. LYNCH
PROFESSIONAL LAND SURVEYOR
NEW JERSEY LIC. # 35382

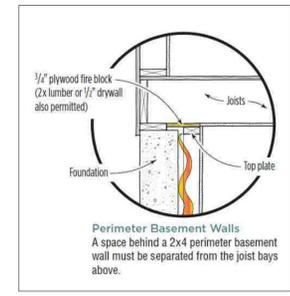
BLOCK NUMBER: 7, LOT NUMBER: 47, Zone: R-2B

ZONING REQUIREMENT	REQUIRED	EXISTING	PROPOSED
LOT AREA	4,000 S.F.	3,767 S.F.	3,767 S.F. (EXST'G)
LOT COVERAGE MAX	60% (3,767*60%=2,260)	58%	58.6%
FLOOR AREA RATIO	0.5 (3,767*0.5=1,883)	2,013 S.F.	2,013 S.F. (EXST'G)
BASEMENT AREA		785 S.F.	1,133 S.F.

1 SITE PLAN 1"=20'



2 DEMO PLAN-BASEMENT PLAN



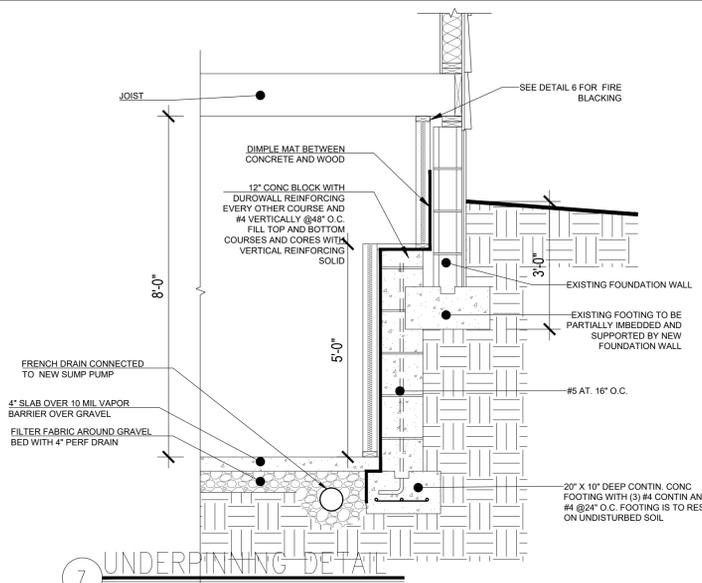
6 BASEMENT FIRE-BLOCKING DETAIL

ELECTRICAL LEGEND

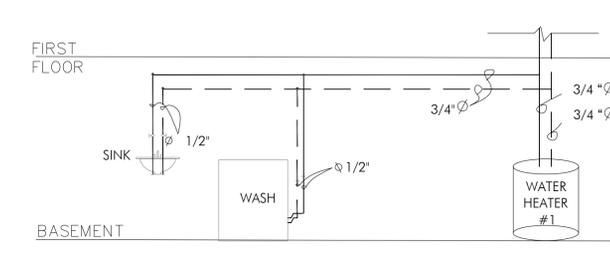
- ⊞ SWITCH (3-WAY IF NOTED)
- D DIMMER (D)
- ⊞ DUPLEX RECEPTACLE
- ⊞ GFCI GROUND-FAULT CIRCUIT-INTERRUPTER DUPLEX RECEPTACLE
- OR RECESSED DOWN LIGHT: AIRTITE GASKET PRE-INSTALLED FOR ASTM-E283 COMPLIANCE; THERMALLY PROTECTED. WET LOCATION LISTED.
- ⊞ SMOKE DETECTOR HARDWARE
- ⊞ SMOKE AND CARBON DETECTOR HARDWARE
- ⊞ ENERGY STAR QUALIFIED DECORATIVE SURFACE CEILING MOUNT
- ⊞ BATH VENTILATION FAN
- ⊞ FLUORESCENT VANITY LIGHT
- ⊞ UNDER CABINET LIGHT
- ⊞ WALL LIGHT
- ⊞ MS MOTION SENSOR
- ⊞ WP WEATHERPROOF

SMOKE DETECTOR NOTES

- PROVIDE A SMOKE DETECTOR IN EACH SLEEPING ROOM. PROVIDE A SMOKE/CO DETECTOR IN THE AREA LEADING TO A SLEEPING ROOM, WITHIN 10' OF ANY SLEEPING ROOM ENTRY DOOR.
- PROVIDE A SMOKE DETECTOR ON EACH FLOOR, INCLUDING THE BASEMENT.
- ALL SMOKE DETECTORS SHALL BE INTERCONNECTED AND SHALL BE PROVIDED WITH A BATTERY BACKUP SYSTEM.

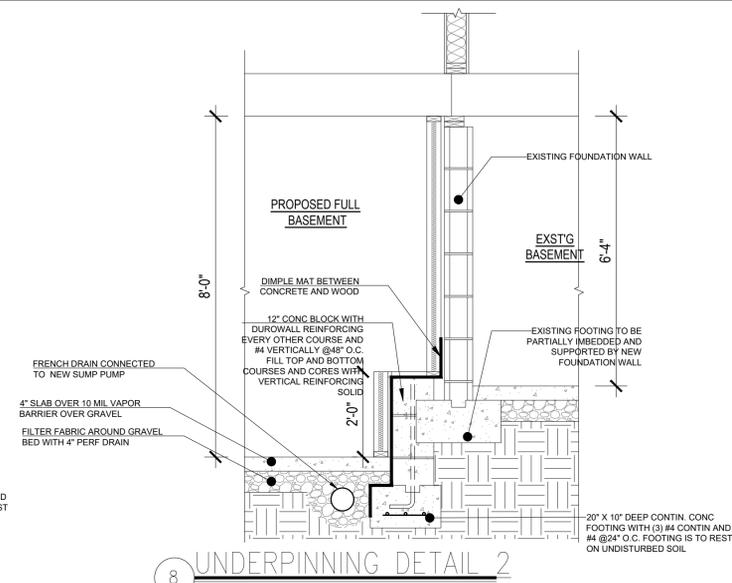


7 UNDERPINNING DETAIL

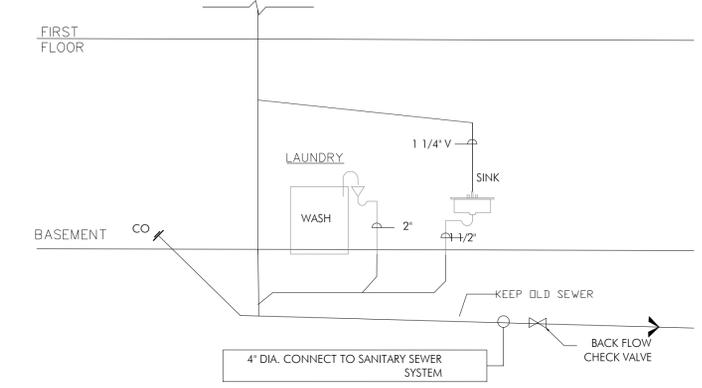


4 WATER RISER DIAGRAM SCALE: NTS

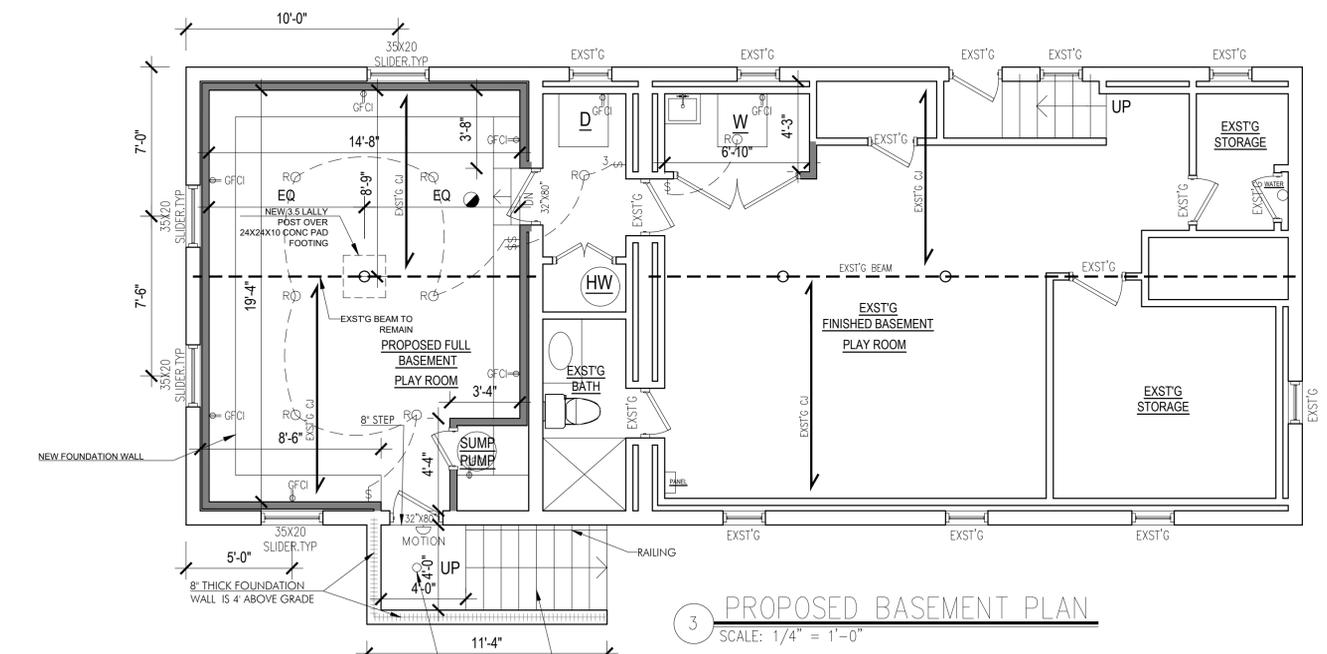
- ALL MAIN SUPPLY LINES FROM SERVICE/METER TO APPLIANCES AND FIXTURES SHALL BE COPPER (TYPE 'M') (MECHANICALLY CONNECTED).
- CONNECTIONS FROM MAIN SUPPLY LINES TO FIXTURES SHALL BE PEX PIPING OFF MAIN SUPPLY LINES.



8 UNDERPINNING DETAIL 2



5 SANITARY RISER DIAGRAM SCALE: NTS



3 PROPOSED BASEMENT PLAN SCALE: 1/4" = 1'-0"

Code Jurisdiction: NJ-IRC 2021
Use Group: R5
Largest Floor Area: 1,132 Sq.Ft.
Building Height: 2 Floors.

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE/2021, NJ EDITION.
- INTERNATIONAL RESIDENTIAL CODE/2021, NJ EDITION.
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE
- 2021 NATIONAL STANDARD PLUMBING CODE
- 2020 NATIONAL ELECTRIC CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 INTERNATIONAL FUEL GAS CODE
- 2019 INTERNATIONAL FIRE CODE

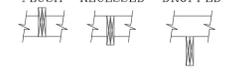
GENERAL NOTES:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE REQUIRED PROTECTION, INCLUDING SHORING, BRACING AND OTHER SUPPORTS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF THE WORK.

WALL LEGEND

- EXISTING WALL TO REMAIN
- - - EXISTING WALL TO BE REMOVED
- ▬ NEW WALL

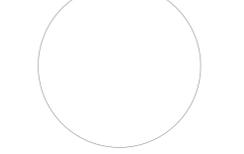
BEAM CONFIGURATIONS:



DRAWINGS PREPARED BY:

TAJA DESIGN & BUILD LLC.
86 RIDGE DR, Livingston, NJ 07039
TEL. 201 214 6465
Email. tao.taja.design@gmail.com

SEAL:



ARCHITECT OF RECORD:
QIONG WU AIA
LEED AP
NJ LIC. # 20583

DATE	COPY / ISSUE:
08.10.2024	ISSUED FOR PERMIT
08.27.2024	UPDATE

DATE: REVISION:
Project Title:

**HOUSE ADDITION AT
117 N 16TH ST
BLOOMFIELD, NJ**

drawing title:
**DEMO PLANS
CONSTRUCTION PLANS
ELECTRICAL PLANS
PLUMBING RISER**

Scale: AS NOTED
Drawing no.: **A-1**
SHEET: 1 OF 1