TOWN OF WESTON
OFFICE OF THE TOWN CLERK
WESTON TOWN HALL
56 NORFIELD RD
WESTON, CONNECTICUT 06833

Notice to Contractors – Invitation to Bid
WESTON TOWN HALL
BASEMENT ALTERATIONS
WESTON, CT

Addenda #2 – Issued July 27, 2023

This Addendum #2 is issued to acknowledge changes to the Invitation to Bid:

QUESTIONS

1. The dashed line of excavation shown on detail 1/S202 should really go to the bottom of the new footing (not the top of the footing) and at least give us 6" working room for the footing forms. That will push everything in further and give you less new basement area.

   Answer: While the new retaining wall footing works structurally as shown, you are correct and the line of excavation should be to the bottom of footing to provide better clearances for excavation/formwork. See attached redline drawing.

2. We need to know if there are any loads coming from a second floor or a roof on those existing concrete planks. Please give us a design load to use for calculating the shoring design.

   Answer: Roof is framed with wood trusses that appear to clear span to exterior walls. The existing concrete plank thickness needs to be verified in field prior to construction. Assume 8" hollow core plank. Provide shoring for 1500 lb/ft.

3. There is no new proposed opening size or location shown for a door or cased opening for getting into the new basement from the existing basement.

   Answer: Entry into the new basement will be from a new door which is not shown on the plans to be fitted in the field. The ideal door location would be located in the hallway outside of the existing storage room. The centerline of the door would preferably be in line with the centerline of the doorway entering the room from the stairwell landing. Door should be 36" wide and fireproof metal with no window required.

4. Note B on 1/S202 is not possible to provide. There is nothing to push against. What do you have in mind for this?

   Answer: Please see attached redline drawing. First step would to be to shore the existing plank, excavate for the interior columns, install columns and W8 beams. The top of the W8 beams could be braced to the plank above and use the columns/beams as lateral support for bottom of foundation walls. This could be done with either diagonal wood braces from the bottom of existing wall to top of beam/column, or with horizontal braces from bottom of existing wall back to timber struts braced at the columns.

5. The arrow pointing to the interior face of the existing exterior concrete foundation wall is calling for 2x4 studs with batt insulation, but it also looks like a layer of something such as sheetrock or plywood is also shown. Please specify.

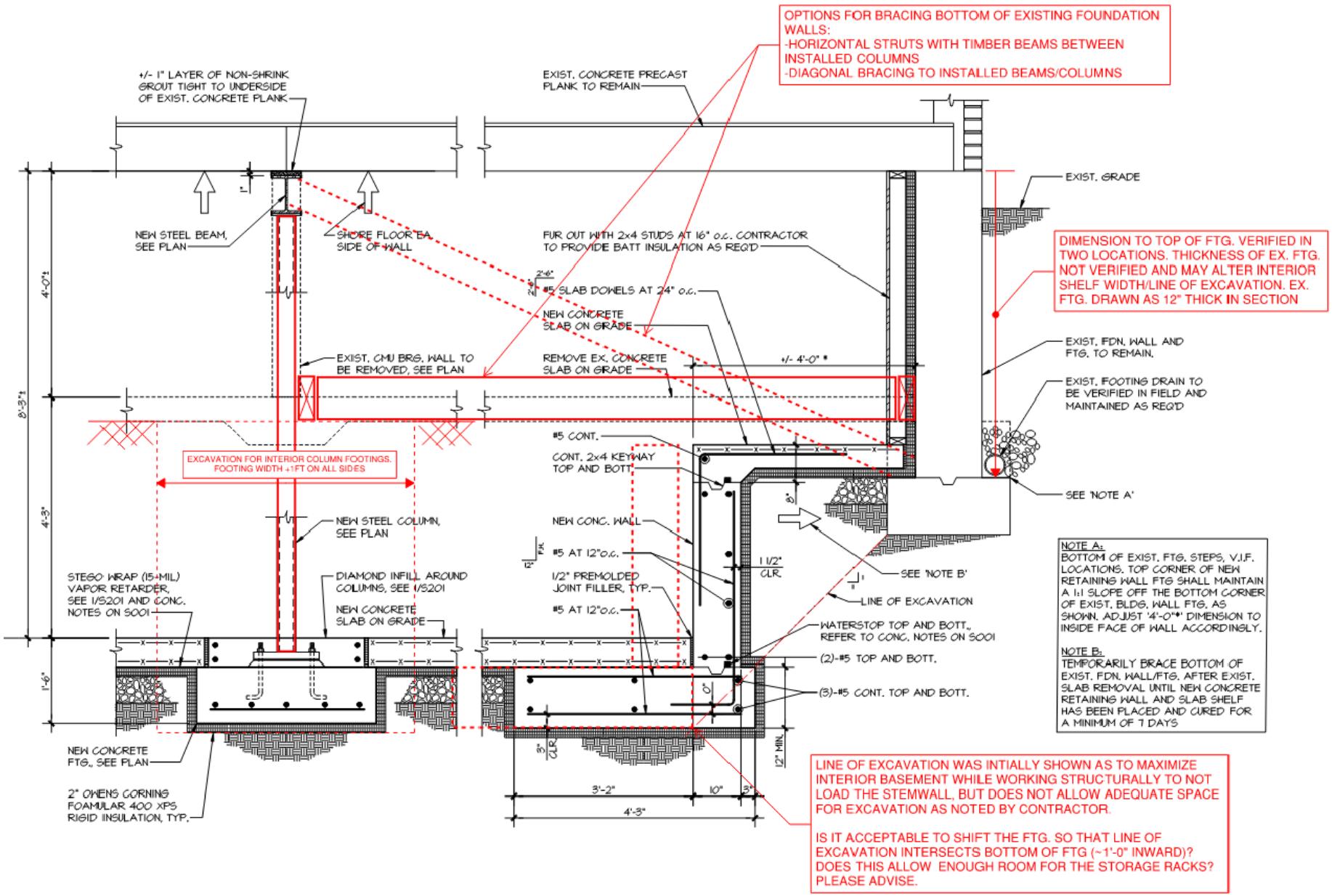
   Answer: Intention was for 5/8" gypsum wallboard.

6. Have any test borings been made under the existing crawlspace floor? In our experience, whenever we run into crawlspace construction, it's usually because the old-timers knew that there was either bedrock there, or high ground water. We are going to bid it as if it is all soil without high ground water, but it would be good to know what we are expecting to run into.

   Answer: Yes, test pits were dug at the exterior of the foundation wall to verify footing depth. See attached test pit memorandum completed by the Town in 2021.

Bidders must acknowledge receipt of this Addendum #2 – Issued July 27, 2023, on the attached form to be submitted with the Bid.

Samantha Nestor
First Selectwoman


OPTIONS FOR BRACING BOTTOM OF EXISTING FOUNDATION WALLS:
-HORIZONTAL STRUTS WITH TIMBER BEAMS BETWEEN INSTALLED COLUMNS
-DIAGONAL BRACING TO INSTALLED BEAMS/COLUMNS
+/- 1" LAYER OF NON-SHRINK GROUT TIGHT TO UNDERSIDE OF EXIST. CONCRETE PLANK
EXIST. CONCRETE PRECAST PLANK TO REMAIN
EXIST. GRADE
NEW STEEL BEAM, SEE PLAN
SHORE FLOOR EA. SIDE OF WALL
FUR OUT WITH 2x4 STUDS AT 16" o.c. CONTRACTOR TO PROVIDE BATT INSULATION AS REQ'D
DIMENSION TO TOP OF FTG. VERIFIED IN TWO LOCATIONS. THICKNESS OF EX. FTG. NOT VERIFIED AND MAY ALTER INTERIOR SHELF WIDTH/LINE OF EXCAVATION. EX. FTG. DRAWN AS 12" THICK IN SECTION
#5 SLAB DOWELS AT 24" o.c.
NEW CONCRETE SLAB ON GRADE
EXIST. CMU BRG. WALL TO BE REMOVED, SEE PLAN
REMOVE EX. CONCRETE SLAB ON GRADE
+/- 4'-0" *
EXIST. FDN. WALL AND FTG. TO REMAIN.
EXIST. FOOTING DRAIN TO BE VERIFIED IN FIELD AND MAINTAINED AS REQ'D
EXCAVATION FOR INTERIOR COLUMN FOOTINGS. FOOTING WIDTH +1FT ON ALL SIDES
#5 CONT.
CONT. 2x4 KEYWAY TOP AND BOTT.
SEE 'NOTE A'
NEW STEEL COLUMN, SEE PLAN
NEW CONC. WALL
#5 AT 12"o.c.
1 1/2" CLR.
SEE 'NOTE B'
LINE OF EXCAVATION
STEGO WRAP (15-MIL) VAPOR RETARDER, SEE 1/S201 AND CONC. NOTES ON S001
DIAMOND INFILL AROUND COLUMNS, SEE 1/S201
1/2" PREMOLDED JOINT FILLER, TYP.
#5 AT 12"o.c.
NEW CONCRETE SLAB ON GRADE
WATERSTOP TOP AND BOTT., REFER TO CONC. NOTES ON S001
(2)-#5 TOP AND BOTT.
(3)-#5 CONT. TOP AND BOTT.
NEW CONCRETE FTG., SEE PLAN
2" OWENS CORNING FOAMULAR 400 XPS RIGID INSULATION, TYP.
3" CLR.
12" MIN.
3'-2"
10"
3"
4'-3"
8'-3"±
4'-0"±
4'-3"
1'-6"
NOTE A:
BOTTOM OF EXIST. FTG. STEPS, V.I.F. LOCATIONS. TOP CORNER OF NEW RETAINING WALL FTG SHALL MAINTAIN A 1:1 SLOPE OFF THE BOTTOM CORNER OF EXIST. BLDG. WALL FTG. AS SHOWN. ADJUST '4'-0"*' DIMENSION TO INSIDE FACE OF WALL ACCORDINGLY.
NOTE B:
TEMPORARILY BRACE BOTTOM OF EXIST. FDN. WALL/FTG. AFTER EXIST. SLAB REMOVAL UNTIL NEW CONCRETE RETAINING WALL AND SLAB SHELF HAS BEEN PLACED AND CURED FOR A MINIMUM OF 7 DAYS
LINE OF EXCAVATION WAS INTIALLY SHOWN AS TO MAXIMIZE INTERIOR BASEMENT WHILE WORKING STRUCTURALLY TO NOT LOAD THE STEMWALL, BUT DOES NOT ALLOW ADEQUATE SPACE FOR EXCAVATION AS NOTED BY CONTRACTOR.
IS IT ACCEPTABLE TO SHIFT THE FTG. SO THAT LINE OF EXCAVATION INTERSECTS BOTTOM OF FTG (~1'-0" INWARD)? DOES THIS ALLOW ENOUGH ROOM FOR THE STORAGE RACKS? PLEASE ADVISE.

TOWN of WESTON, CONNECTICUT

Incorporated 1787

Town Engineer's Office

June 2, 2021

Memo:

To: Jonathan Luiz, Town Administrator

From: John Conte P.E., Town Engineer

Re: Test Pits at Town Hal

Jonathan

Enclosed is the information you requested concerning test pits at town hall. The aerial view shows the location of the test pits in relation to the building. Pictures of a taped measurement from footing height to first course of brick are shown along with measurement of top of footing to ground surface.

If you have any questions or require further information let me know.

John

56 Norfield Road, P.O. Box 1007, Weston, CT 06883 Tel. (203) 222-2680 Fax (203) 222-2670

John Conte <jconte@westonct.gov>

Test pits outside Town Hall

1 message

Jonathan Luiz <jluiz@westonct.gov> Fri, May 28, 2021 at 9:51 PM
To: John Conte <jconte@westonct.gov>
Cc: Executive Assistant <executiveassistant@westonct.gov>

Hi John,

Ted Von Rosenvinge has advised the Town to do the following work for both of the test pits outside the Town Hall:

1) Show on a map where the test pits are located
2) Label one test pit "TP!" and the other test pit "TP2"
3) At each test pit location, take a photo with a tape measure going from the top of the footing to the top of the reinforced concrete lip where the bricks start.
4) Note the dimensions from the ground surface to the top of the footing

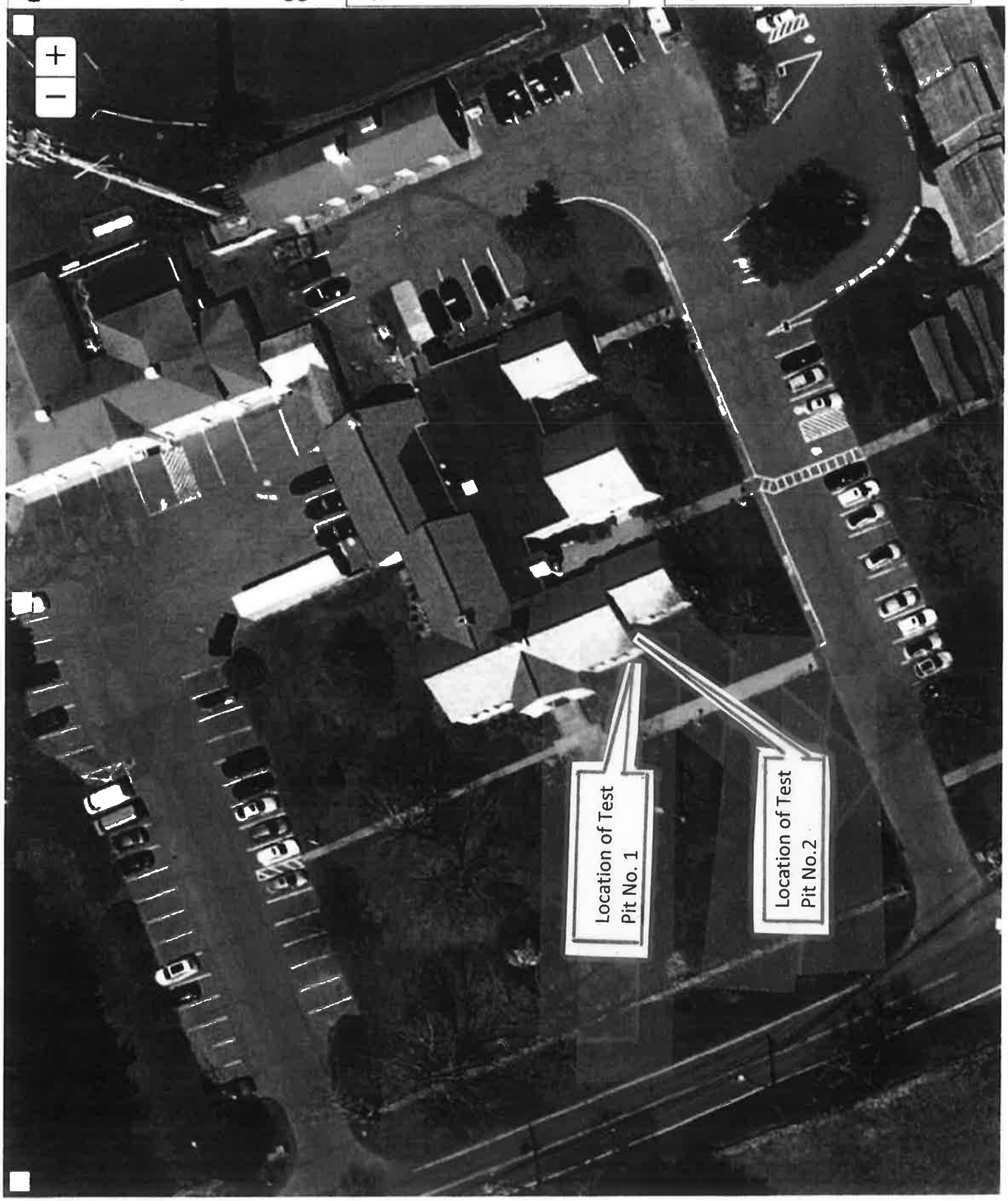
Please take care of this while I am away next week. Sara can take the photo for you.

As far as the map goes, I suggest you mark up the attached document. You can also have Sara take photos from far away from the test pits so people will know where, exactly, the test pits were dug in relation to the building.

Sincerely,
Jonathan Luiz
Weston Town Administrator

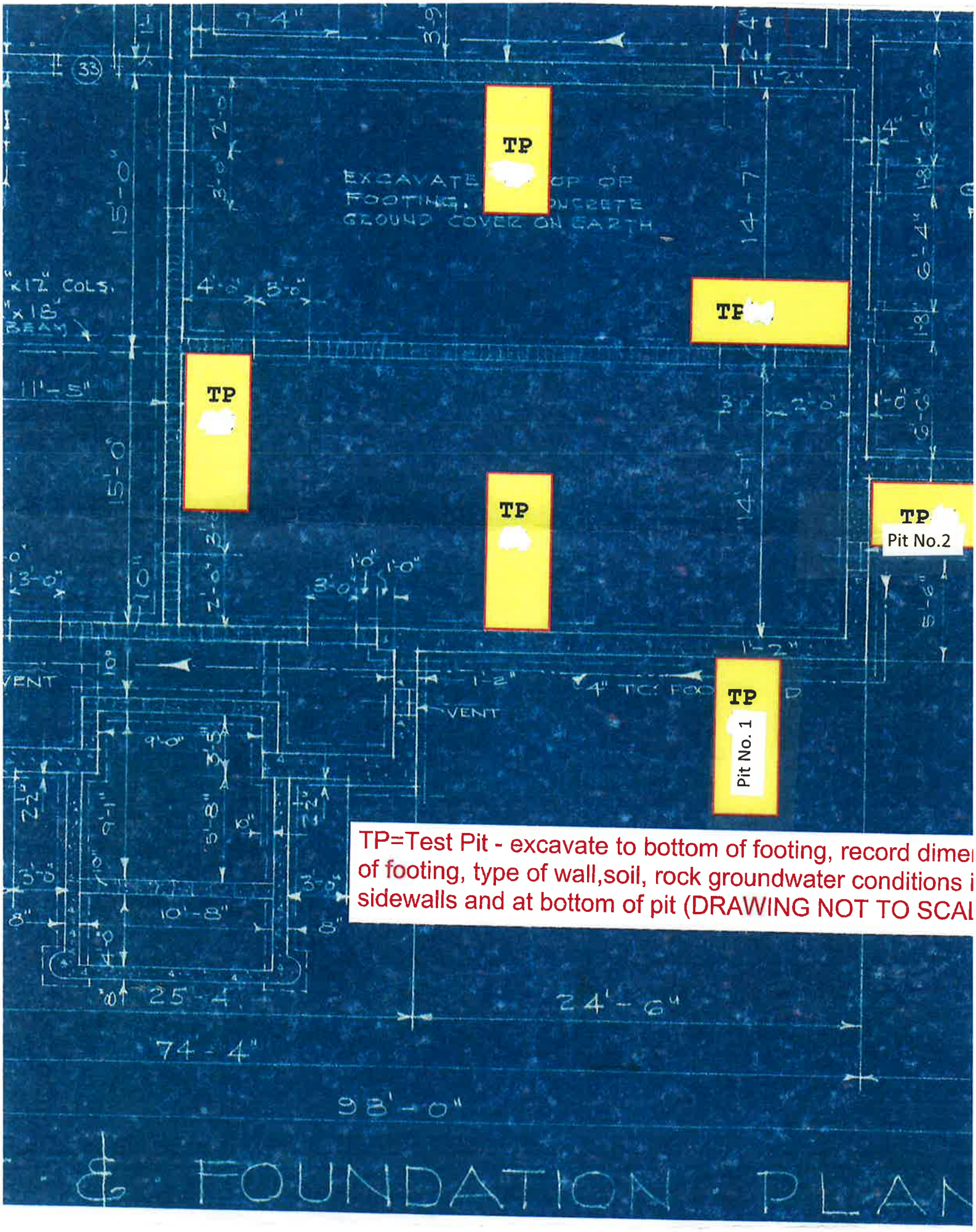
3716_001.pdf
115K

Full Town View | Reset Map | Searc | Base Maps / Air Photos | Map Layer

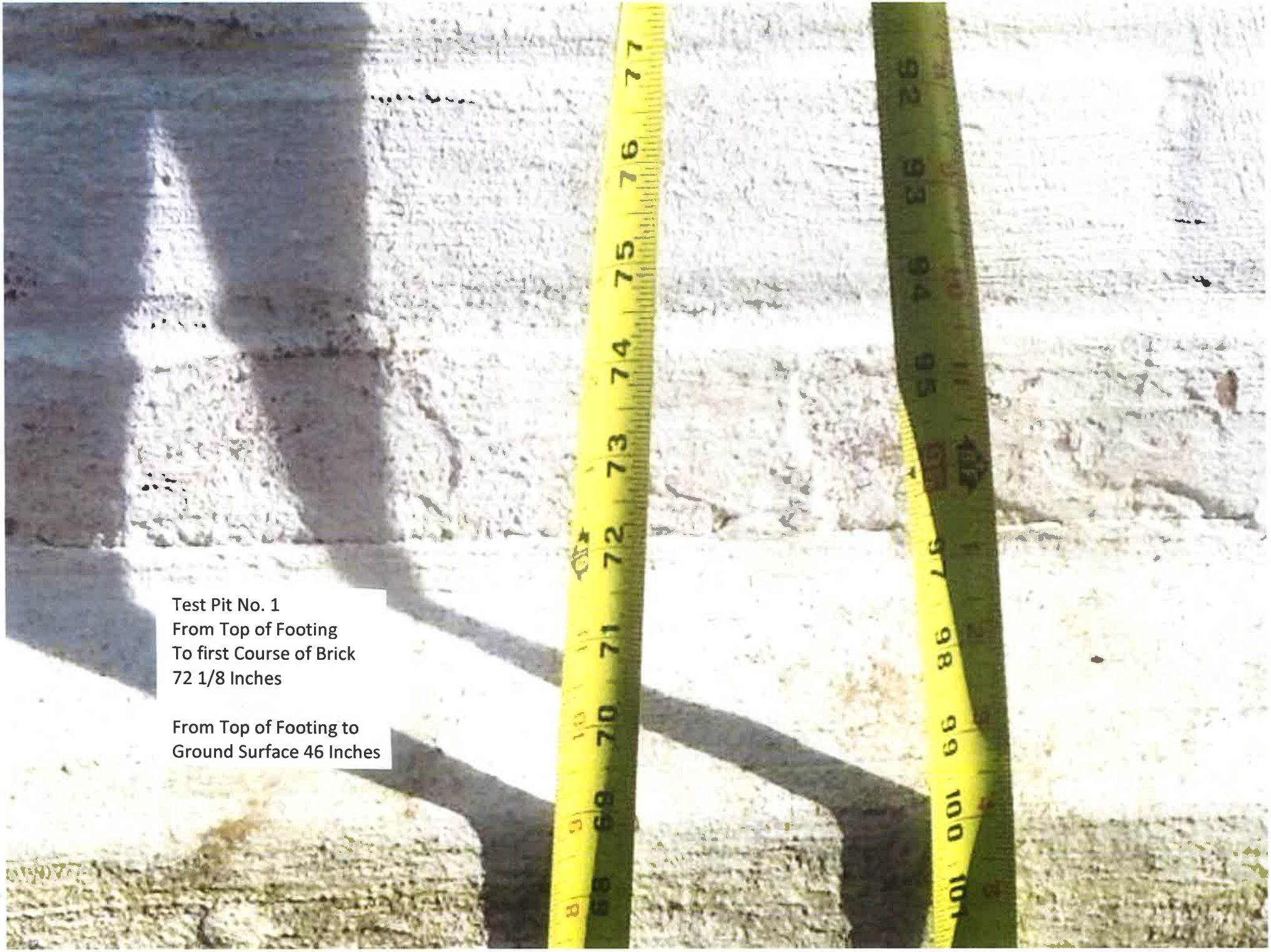


Full Extent | Zoom In | Zoom Out | Prev Extent | Next Extent | Pan | **Parcel Information** | Simple M

MapXpress v1.5



TP=Test Pit - excavate to bottom of footing, record dime
of footing, type of wall,soil, rock groundwater conditions i
sidewalls and at bottom of pit (DRAWING NOT TO SCAL


Test Pit No. 1
From Top of Footing
To first Course of Brick
72 1/8 Inches
From Top of Footing to
Ground Surface 46 Inches


Test Pit No. 2
From Top of Footing
To First course of Brick
62 ¼ Inches
From Top of Footing to
Ground Surface 36 Inches

This sheet is to acknowledge receipt of Addendum #2 Issued July 27, 2023 to the Invitation to Bid for the WESTON TOWN HALL BASEMENT ALTERATIONS, WESTON, CT.

BIDDER'S
SIGNATURE_____

SIGNED BY_____ TITLE _____

DATE _____

Must Submit with Bid