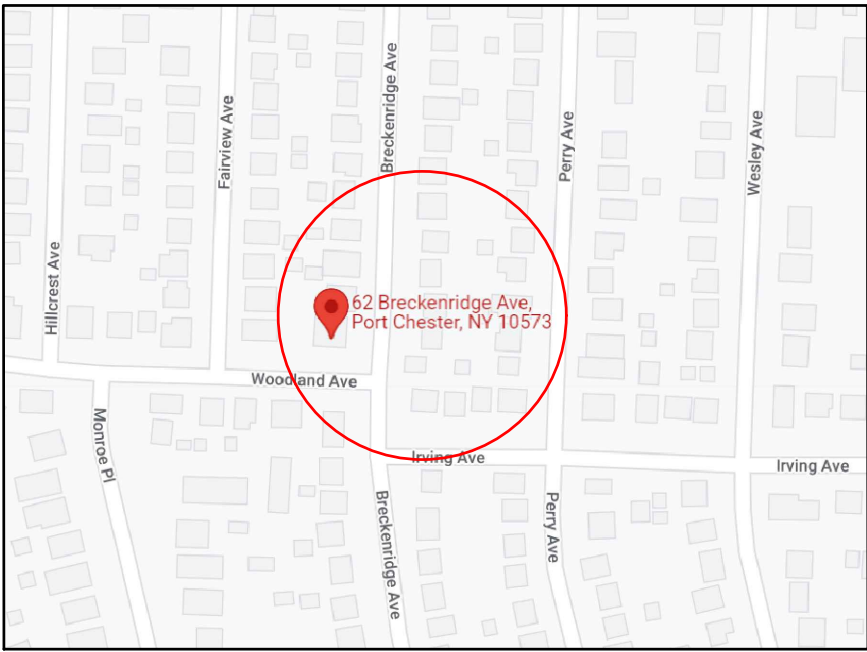
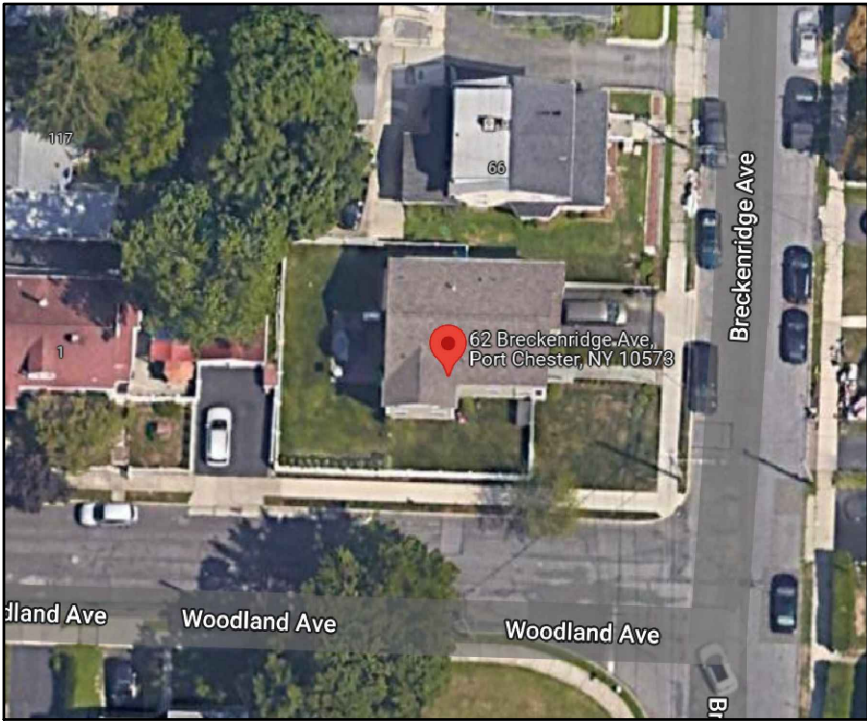




LOCATION
GOOGLE MAPS



SATTELITE VIEW
GOOGLE MAPS

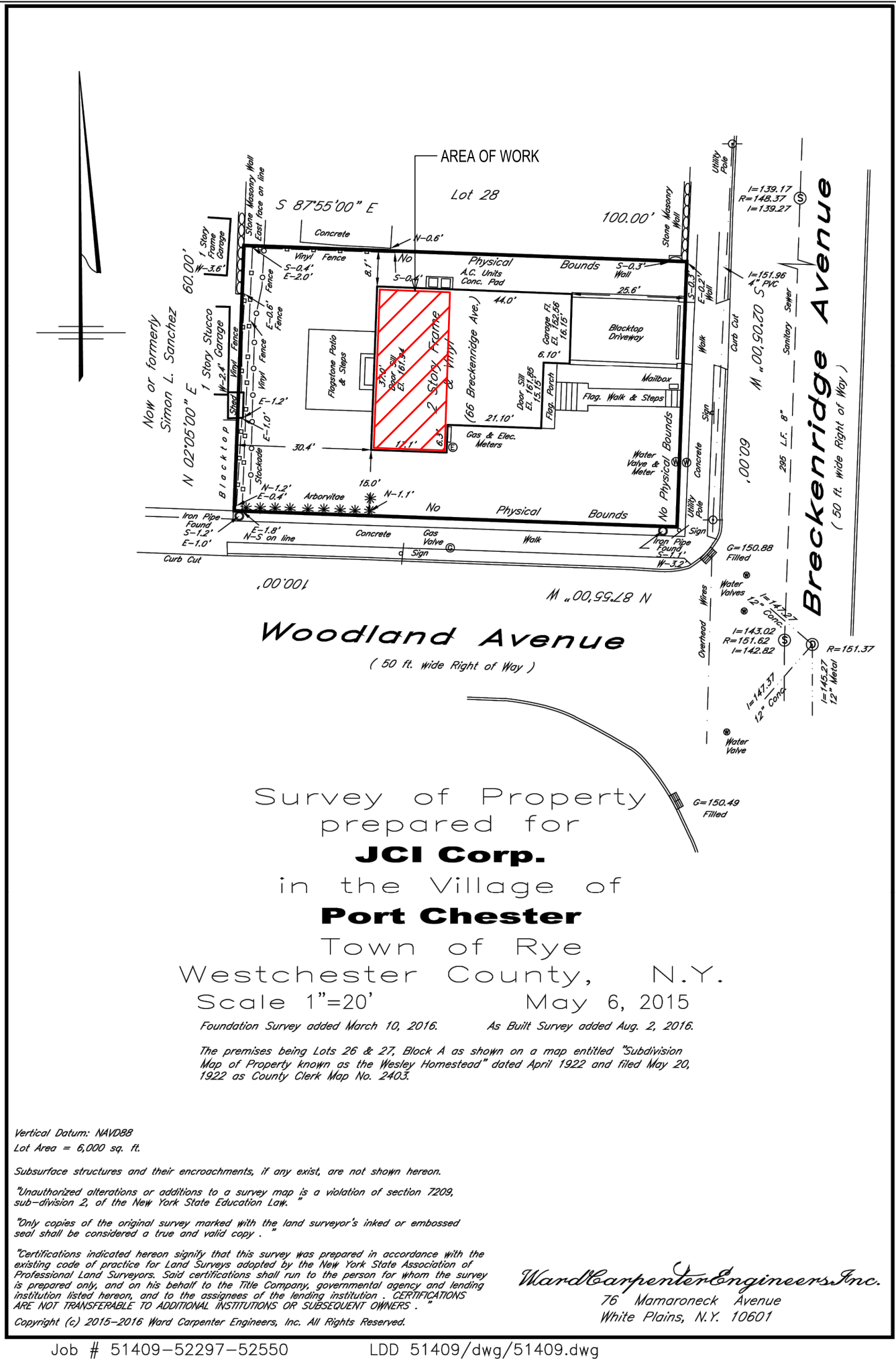


TAX LOT 135.84-3-11
WESTCHESTER COUNTY G.I.S.



FRONT VIEW

02.05.2022
THIS DRAWING IS AS A SAMPLE ONLY
*** PERSONAL (CLIENT) INFORMATION WITHHELD



SURVEY
NOT TO SCALE

CONSTRUCTION INSPECTIONS:
IT SHALL BE THE DUTY OF THE HOLDER OF THE BUILDING PERMIT, OR THEIR DULY AUTHORIZED AGENT, TO NOTIFY THE BUILDING OFFICIAL WHEN WORK IS READY FOR INSPECTION:
REQUIRED INSPECTIONS MAY INCLUDE THE FOLLOWING, AS APPLICABLE, OR AS SPECIFIED IN THE CODE ENFORCEMENT PROGRAM OF THE VILLAGE OF PORT CHESTER:

- WORKSITE PRIOR TO THE ISSUANCE OF A PERMIT
- FOOTING AND FOUNDATION
- PREPARATION FOR CONCRETE SLAB, OR REINFORCED CONCRETE STRUCTURE
- PLUMBING
- ELECTRICAL
- MECHANICAL
- FRAMING (SUBSEQUENT TO THE INSPECTION & APPROVAL OF PLUMBING, ELECTRICAL & MECHANICAL)
- FIRE RESISTANT CONSTRUCTION
- FIRE RESISTANT PENETRATIONS
- SOLID FUEL-BURNING HEATING APPLIANCES, CHIMNEYS, FLUES, OR GAS VENTS
- ENERGY CODE COMPLIANCE
- A FINAL INSPECTION AFTER ALL WORK AUTHORIZED BY THE BUILDING PERMIT HAS BEEN COMPLETED
- ANY OTHER INSPECTIONS AS REQUIRED BY THE VILLAGE OF PORT CHESTER.

SCOPE:
THIS IS A PROPOSED ALTERATION LEVEL 2 AS DEFINED IN A301.5 ALTERATIONS - LEVEL 2.
THE PROPOSED PROJECT IS TO EXTEND AN EXISTING UNFINISHED BASEMENT AREA INTO AN EXISTING CRAWL SPACE, IN ORDER TO PROVIDE ADDITIONAL STORAGE AREA, AND AS FOLLOWS:
EXCAVATE CRAWL SPACE FLOOR TO DROP FLOOR ELEVATION BY 3'-0" +/- IN THAT AREA;
PROVIDE BENCHED SUPPORT OF EXISTING FOOTINGS;
EXTEND EXISTING OPENING FROM GARAGE TO PROVIDE ACCESS WITH DOOR;
EXTEND EXISTING OPENING FROM MECHANICAL ROOM.

THE FOLLOWING CODES APPLY TO THIS PROJECT:

- THE 2020 RESIDENTIAL CODE OF NEW YORK STATE (2018 IRC WITH AMENDMENTS) AND ALL OTHER CODES REFERENCED THEREIN; PER R101.1, THIS CODE IS PART OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (THE "UNIFORM CODE")
- THE NATIONAL ELECTRIC CODE 2017 OF NEW YORK STATE (NFPA 2017 WITH AMENDMENTS)
- CHAPTER 151 - BUILDING CODE ADMINISTRATION AND ENFORCEMENT, OF THE CODE OF THE VILLAGE OF PORT CHESTER.
- ALL OTHER CODES AND REGULATIONS, LOCAL, STATE AND FEDERAL, THAT APPLY.

CONSTRUCTION TYPE: TYPE V-B, AS DEFINED IN TABLE 601; BUILT IN 2015

OCCUPANCY CLASSIFICATION: DETACHED ONE-FAMILY DWELLING STRUCTURE

AUTHORITY HAVING JURISDICTION:
THE AUTHORITY HAVING JURISDICTION, AS DEFINED IN [NY] 103.1 OF THE BUILDING CODE, AND WHICH SHALL PROVIDE FOR ADMINISTRATION AND ENFORCEMENT OF THE UNIFORM CODE AND ENERGY CODE BY LOCAL LAW, ORDINANCE, OTHER APPROPRIATE REGULATION, OR COMBINATION THEREOF, IS THE VILLAGE OF PORT CHESTER.

THE CONTRACTOR SHALL:

- PRIOR TO THE SUBMISSION OF ANY BID, VERIFY ALL SITE DIMENSIONS AND CONDITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER IN WRITING BEFORE PROCEEDING WITH ANY WORK.
- OBTAIN AND PAY FOR ALL REQUIRED PERMITS - UNLESS OTHERWISE STIPULATED.
- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FINISHED JOB.
- PROVIDE ALL NECESSARY SHORING AND BRACING FOR ALL BUILDING COMPONENTS IN ORDER TO ADEQUATELY PROTECT AGAINST ANY FAILURES.
- PRIOR TO THE COMMENCEMENT OF ANY WORK, VERIFY THE CONDITION OF ALL ADJOINING STRUCTURES WHICH MAY BE AFFECTED, AND PROVIDE ADEQUATE PROTECTION TO ANY STRUCTURE THAT MIGHT BE OTHERWISE AFFECTED.
- IN THE EVENT THAT DAMAGE IS CAUSED TO ANY STRUCTURE, FINISH, OR OTHER ELEMENT, RESTORE SUCH ELEMENTS TO THEIR ORIGINAL CONDITION.
- HAVE CONTROL OVER AND SUPERVISE, COORDINATE AND DIRECT THE WORK, INCLUDING THAT OF HIS SUBCONTRACTORS, AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR JOBSITE SAFETY.
- BE A LICENSED HOME IMPROVEMENT CONTRACTOR IN WESTCHESTER COUNTY.
- BE CERTIFIED AS A LEAD SAFE FIRM BY THE EPA PER 40 CFR 745.226.
- CARRY LIABILITY INSURANCE TO THE LIMITS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND ISSUE CERTIFICATE(S) OF INSURANCE AS REQUIRED BY THE HOMEOWNER AND/OR THAT AUTHORITY.
- CARRY WORKMAN'S COMPENSATION AND DISABILITY INSURANCE AS REQUIRED THE LAW AND ISSUE CERTIFICATE(S) AS REQUIRED BY THE HOMEOWNER AND/OR THE AUTHORITY HAVING JURISDICTION.

GENERAL REQUIREMENTS:
THE ENGINEER HAS NOT BEEN ENGAGED TO SUPERVISE ANY WORK AND DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.

BUILDING PERMIT:
NO PERSON OR ENTITY SHALL COMMENCE, PERFORM, OR CONTINUE ANY WORK THAT MUST CONFORM WITH THE UNIFORM CODE AND/OR ENERGY CODE UNLESS:
SUCH PERSON OR ENTITY HAS APPLIED TO THE VILLAGE OF PORT CHESTER FOR A BUILDING PERMIT,
THE VILLAGE OF PORT CHESTER HAS ISSUED A BUILDING PERMIT AUTHORIZING SUCH WORK,
SUCH BUILDING PERMIT HAS NOT BEEN REVOKED OR SUSPENDED, AND
SUCH BUILDING PERMIT HAS NOT EXPIRED.
THE BUILDING PERMIT, OR A COPY THEREOF, AND AT LEAST ONE SET OF APPROVED CONSTRUCTION DOCUMENTS SHALL BE KEPT ON THE SITE OF THE WORK UNTIL THE COMPLETION OF THE PROJECT. APPROVED CONSTRUCTION DOCUMENTS SHALL BE OPEN TO INSPECTION BY ANY AUTHORIZED REPRESENTATIVE OF THE AUTHORITY HAVING JURISDICTION. THE BUILDING PERMIT IS REQUIRED TO BE VISIBLY DISPLAYED AT THE WORKSITE AND TO REMAIN VISIBLE UNTIL THE PROJECT, AND ALL REQUIRED INSPECTIONS, HAVE BEEN COMPLETED.

STATEMENT OF DESIGN PROFESSIONAL:
I, THE UNDERSIGNED, HAVE BEEN PROVIDED INFORMATION IN CONFORMANCE WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE. TO THE BEST OF MY KNOWLEDGE AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN CONFORMANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE.
VINCE J. KELLEY, P.E.
(STAMP AFFIXED AND SIGNED)

THE SCHEDULE OF REQUIRED INSPECTIONS IS AVAILABLE FROM THE BUILDING DEPARTMENT OF THE VILLAGE OF PORT CHESTER AT: VILLAGE HALL, 222 RACE CHURCH STREET, PORT CHESTER, NY 10573. KEVIN DONOHUE, BUILDING DEPARTMENT, (914) 939-5211.
NO PERSON OR ENTITY PERFORMING WORK FOR WHICH A BUILDING PERMIT HAS BEEN ISSUED SHALL KEEP SUCH WORK ACCESSIBLE AND EXPOSED UNTIL THE WORK HAS BEEN INSPECTED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION, OR ITS AUTHORIZED AGENT, AT EACH ELEMENT OF THE CONSTRUCTION PROCESS THAT IS APPLICABLE TO THE WORK.
IT SHALL BE THE DUTY OF THE PERMIT HOLDER TO ASCERTAIN THE RESULTS OF REQUIRED INSPECTIONS. CONSTRUCTION WORK NOT IN COMPLIANCE WITH APPLICABLE CODES SHALL BE REQUIRED TO REMAIN EXPOSED UNTIL IT HAS BEEN BROUGHT INTO COMPLIANCE WITH THE CODES, RE-INSPECTED, AND FOUND SATISFACTORY AS COMPLETED.

THE WORK - IF ANY - APPLICABLE TO SOME OF THE ABOVE INSPECTIONS (FOR INSTANCE PLUMBING AND ELECTRICAL) SHALL BE COMPLETED UNDER A SEPARATE PERMIT, FILED BY THE RELEVANT LICENSED CONTRACTORS:
ALL PLUMBING WORK IS TO BE PERFORMED BY A PLUMBING CONTRACTOR HOLDING A CURRENT WESTCHESTER COUNTY LICENSE; A PLUMBING PERMIT MUST BE FILED AND INSPECTIONS MADE ACCORDINGLY.
ALL ELECTRICAL WORK IS TO BE PERFORMED BY AN ELECTRICAL CONTRACTOR HOLDING A CURRENT WESTCHESTER COUNTY LICENSE; AN ELECTRICAL PERMIT MUST BE FILED AND INSPECTIONS MADE BY A WESTCHESTER COUNTY LICENSED INSPECTION AGENCY.

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PROPERTY ADDRESS:

PORT CHESTER, NY 10573

S-B-L:

CLIENT:

DATE: 06.18.2022
ISSUE: FOR REVIEW

PROJECT NAME:
BASEMENT EXTENSION

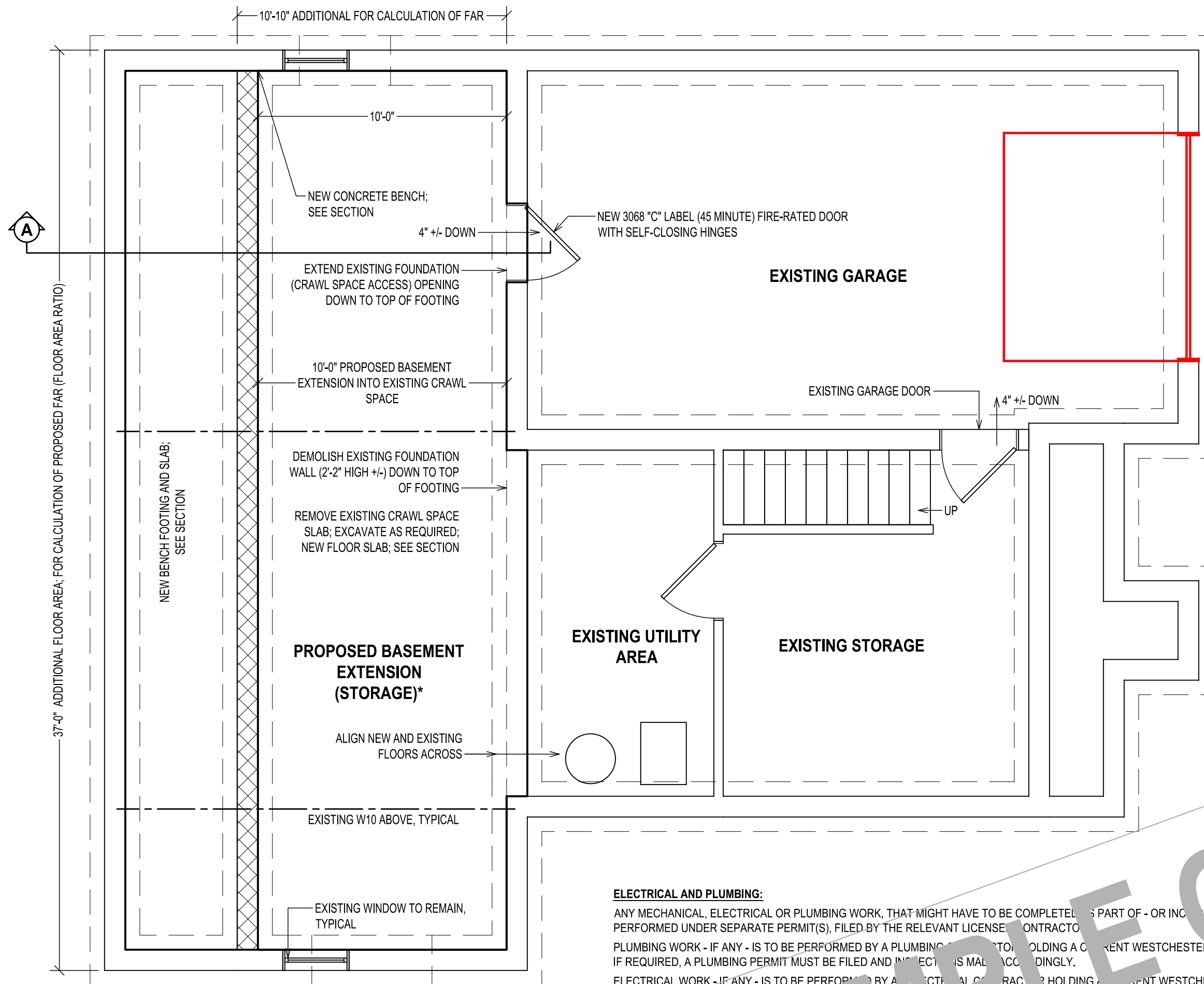
DRAWING NAME:
COVER SHEET

DRAWING NUMBER:
C.01

SCALE: AS NOTED
DATE: 06.18.2022

NOTE:
THIS DRAWING IS VALID FOR CONSTRUCTION IF (AND ONLY IF) A PERMIT IS ISSUED, BASED ON THIS DRAWING, BY THE VILLAGE OF PORT CHESTER

DO NOT SCALE DRAWINGS | THIS DRAWING IS SCALED TO PRINT ON AN ARCH C (18" X 24") SHEET



ADDITIONAL FLOOR AREA:
(FOR CALCULATION OF NEW FAR)
EXTENDED BASEMENT: 400 S.F.

* THE PROPOSED EXTENDED BASEMENT AREA IS AN EXTENSION OF THE UNFINISHED, UNCONDITIONED SPACE(S) OF THE EXISTING MECHANICAL ROOM AND EXISTING GARAGE. THE EXTENDED SPACE WILL REMAIN AS AN UNFINISHED AND UNCONDITIONED SPACE, AND BE USED ONLY FOR STORAGE.

BASEMENT EXTENSION
1/4" = 1'-0"

ELECTRICAL AND PLUMBING:

ANY MECHANICAL, ELECTRICAL OR PLUMBING WORK, THAT MIGHT HAVE TO BE COMPLETED AS PART OF - OR INCIDENTAL TO THIS ALTERATION, SHALL BE PERFORMED UNDER SEPARATE PERMIT(S), FILED BY THE RELEVANT LICENSED CONTRACTOR.

PLUMBING WORK - IF ANY - IS TO BE PERFORMED BY A PLUMBING CONTRACTOR HOLDING A CURRENT WESTCHESTER COUNTY LICENSE; IF REQUIRED, A PLUMBING PERMIT MUST BE FILED AND INSPECTION IS MADE ACCORDINGLY.

ELECTRICAL WORK - IF ANY - IS TO BE PERFORMED BY AN ELECTRICAL CONTRACTOR HOLDING A CURRENT WESTCHESTER COUNTY LICENSE; IF REQUIRED, AN ELECTRICAL PERMIT MUST BE FILED AND INSPECTION MADE BY A WESTCHESTER COUNTY LICENSED INSPECTOR AG-NY.

SMOKE AND CARBON MONOXIDE:

WHERE A LEVEL 2 ALTERATION IS MADE TO AN EXISTING DWELLING UNIT, THE DWELLING UNIT SHALL BE PROVIDED WITH SMOKE ALARMS, AND CARBON MONOXIDE ALARMS, LOCATED AS REQUIRED FOR NEW DWELLINGS; THE SMOKE ALARMS SHALL BE INTERCONNECTED IN ACCORDANCE WITH SECTION 314.2.

UNDER-SLAB DRAINAGE:

THE CONDITION AND EFFECTIVENESS OF THE CURRENT UNDER-SLAB DRAINAGE SYSTEM IS UNKNOWN;

THE CONTRACTOR MUST VERIFY THE EXISTING DRAINAGE SYSTEM AND PROVIDE FOR EFFECTIVE EXTENDED DRAINAGE, BELOW THE NEW SLAB PERIMETER, AND TIED INTO THE EXISTING SYSTEM; SEE SECTION 314.2, DETAIL S.02.

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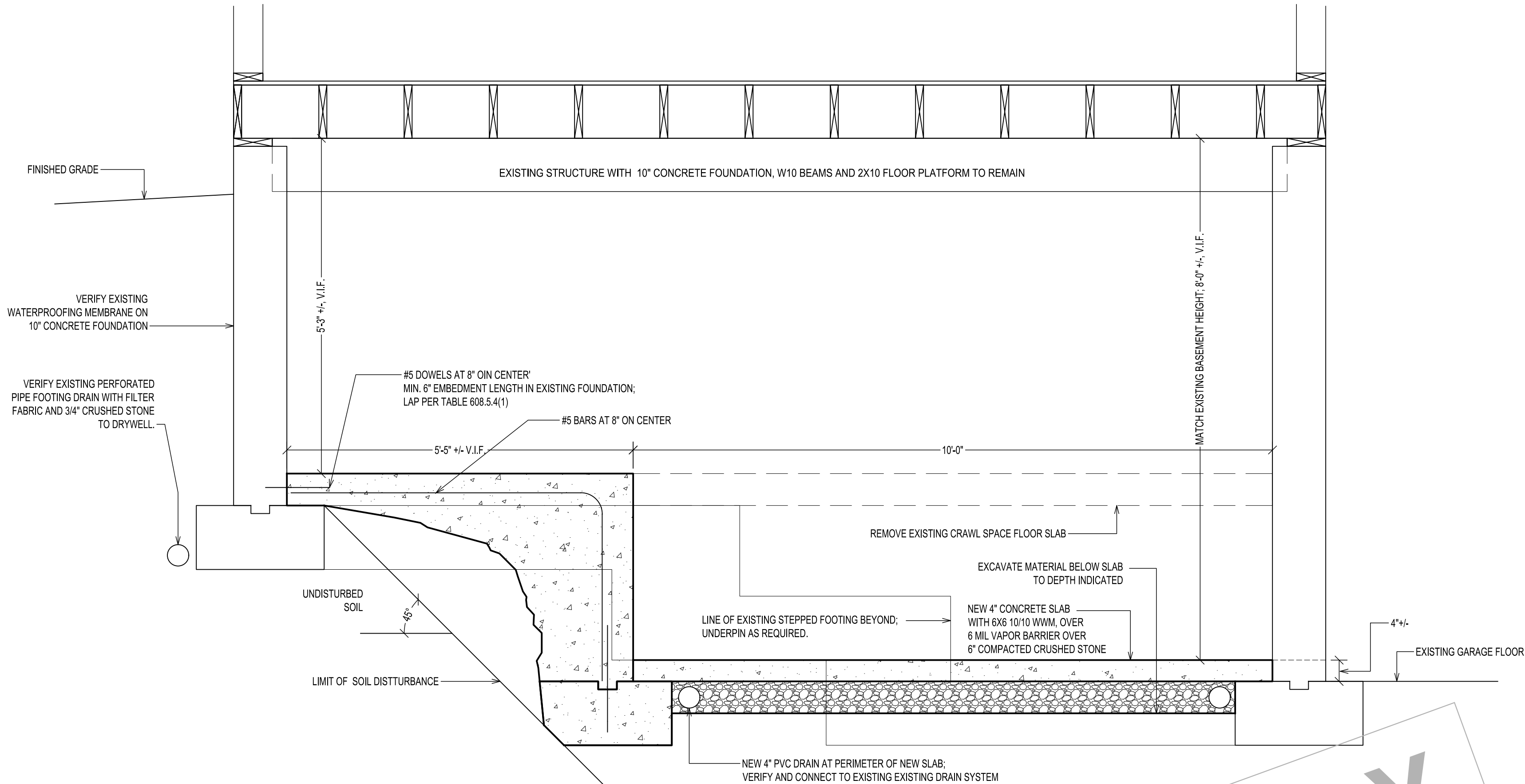
PROJECT NAME:
BASEMENT EXTENSION

DRAWING NAME:
FLOORPLAN

DRAWING NUMBER:
S.01

SCALE: **AS NOTED** DATE: **06.18.2022**

NOTE:
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OF PORT CHESTER



R608.5.4 Reinforcement Installation Details

TABLE R608.5.4(1)

LAP SPlice AND TENSION DEVELOPMENT LENGTHS

BAR SIZE NO.	YIELD STRENGTH OF STEEL, f_y , psi (MPa)		Splice length or tension development length (inches)
	40,000 (280)	60,000 (420)	
Lap splice length-tension	4	20	30
	5	25	38
	6	30	45
Tension development length for straight bar	4	15	23
	5	19	28
	6	23	34
Tension development length for: a. 90-degree and 180-degree standard hooks with not less than 2 1/2 inches of side cover perpendicular to plane of hook, and b. 90-degree standard hooks with not less than 2 inches of cover on the bar extension beyond the hook.	4	6	9
	5	7	11
	6	8	13
Tension development length for bar with 90-degree or 180-degree hook having less cover than required in Items a and b.	4	8	12
	5	10	15
	6	12	18

For Sl: 1 inch = 25.4 mm, 1 degree = 0.0175 rad, 1 pound per square inch = 6.895 kPa.

FIGURE R608.5.4(1) LAP SPLICES

SECTION A

3/4" = 1'-0"

SHORING: INSTALL SHORING SYSTEM PRIOR TO EXCAVATION, TO SUPPORT THE EXISTING STRUCTURE.

CONCRETE: STRUCTURAL CONCRETE AND CONCRETING PRACTICES SHALL CONFORM WITH THE LATEST EDITION OF THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AND AS FOLLOWS:

FOUNDATION WALLS, PIERCESS, LAY ON GRADE: 4000 PSI, NORMAL WEIGHT
FOOTINGS AND PERS: 4000 PSI, NORMAL WEIGHT
CONCRETE ON METAL DECK: 4000 PSI, NORMAL WEIGHT
ALL OTHER CONCRETE: 4000 PSI, NORMAL WEIGHT

MINIMUM CONCRETE COVER SHALL BE AS FOLLOWS:

FOOTINGS: 1-1/2 INCHES
ALL CONCRETE EXPOSED TO WEATHER OR EARTH: 2 INCHES
ALL CONCRETE PLACED AGAINST EARTH: 3 INCHES

REINFORCING TIE

DETAILS SHALL BE IN ACCORDANCE WITH ACI-315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS REQUIRED TO BE WELDED.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS DURING CONCRETE PLACEMENT TO INSURE PROPER POSITION IN SLAB.

ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED TO FURNISH SUPPORT FOR ALL BARS. REINFORCEMENT SHALL BE SECURED IN THE PROPER LOCATION IN THE FORMS WITH TIE WIRE OR OTHER BAR SUPPORT SYSTEM TO PREVENT DISPLACEMENT DURING THE CONCRETE PLACEMENT OPERATION.

WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS, SPlicing & EMBEDMENTS SHALL BE IN ACCORDANCE TABLE R608.5.4(1) LAP SPlice AND TENSION DEVELOPMENT LENGTHS.

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BASEMENT EXTENSION

DRAWING NAME:
DETAILS

DRAWING NUMBER:
S.02

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