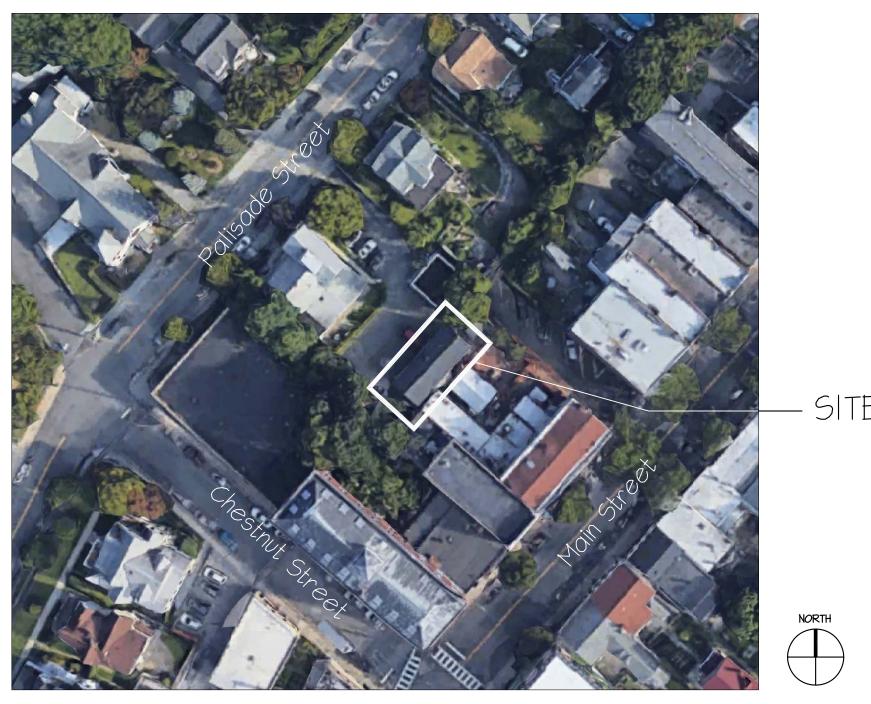
LOCATION PLAN



LIST OF DRAWINGS

NUMBER	TITLE	DATE	ISSUED
T-100	TITLE SHEET	JULY 1, 2023	NOV. 20, 2023
	TOPOGRAPHICAL SURVEY	MARCH II, 2021	
A-100R	PLANS & SECTIONS	JULY 1, 2023	NOV. 20, 2023
A-200R	ELEVATIONS	JULY 1, 2023	NOV. 20, 2023
S-I	FOUNDATION PLAN, DETAILS, NOTES	OCT. 20, 2017	
5-2	ROOF FRAMING PLAN, DETAILS, NOTES	APRIL 28, 2021	rev. 11/20/2023

FOR DEMOLITION SEE SHEET D-100 AS SUBMITTED AND APPROVED IN PHASE I FOR THE STABILIZATION OF THE TMKT REALTY BARN PER BUILDING PERMIT BP2023-0232, ISSUED 10/07/2023

Climatic and Geographic Design Criteria

GROUND		MINE	DESIGN		SEISMIC	EISMIC DAMAGE FROM DI		WINTER ICE FLOOD AIR DESIGN BARRIER HAZARDO FREE			MEAN		
SNOW LOAD	SPEED (MPH)	TOPO. EFF.		DEBRIS	DESIGN CAT.	WEATH.	FROST LINE DEPTH	TERMITE	TEMPD	UNDERLAY. REQUIRED	HAZARDS	FREEZ. INDEX	ANNUAL TEMP.
30 lbs./ sf.	30 mph	NO	* SPECIAL WIND REGION		O	SEV.	42"	MOD. TO HEAVY.	7	ΥES	N	1,500 OR LESS	51.6 F

Insulation / Fenestration NY TABLE R402.1.2

					, – -			II	I I/ DEL IX	102.1.2
CLIMATE ZONE	FENESTR. U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENESTR. SHGC	CEILING R-VALUE	WOOD FRAME WALL, R-VALUE	MASS WALL, R-VALUE	FLOOR, R-VALUE	BASEMENT WALL, R-VALUE	SLAB, R-VALUE / DEPTH	CRAWL SPACE WALL, R-VALUE
4A	0.32	0.55	0.40	49	20 OR 13 + 5ci	8 / 13	19	10 / 13	10 / 2 ft.	10 / 13

LIST OF ABBREVIATIONS

A/C	AIR CONDITIONING	MIN	MINIMUM
ADJ	ADJUSTABLE	MISC	MISCELLANEOUS
AFF	ABOVE FINISHED FLOOR	MO	MASONRY OPENING
ARCH	ARCHITECTURAL/ARCHITECT	NIC	NOT IN CONTRACT
BD	BOARD	NTS	NOT TO SCALE
BLDG	BUILDING	OPNG	OPENING
BTM	BOTTOM	P/L	PROPERTY LINE
CLG	CEILING	PSF	POUNDS PER SQUARE FOOT
CLG HT	CEILING HEIGHT	PSI	POUNDS PER SQUARE INCH
CMU	CONCRETE MASONRY UNIT	PTD	PAINTED
COL	COLUMN	QTY	QUANTITY
CONC	CONCRETE	REINF	REINFORCED
CONT	CONTINUOUS	REQD	REQUIRED
CTR	CENTER	RM	ROOM
DN	DOWN	RO	ROUGH OPENING
DWG	DRAWING	SIM	SIMILAR
ELEV	ELEVATION	SPECS	SPECIFICATIONS
EQ	EQUAL	SQ FT	SQUARE FOOT/FEET
EQUIP	EQUIPMENT	ST	STREET
EXIST	EXISTING	STL	STEEL
EXT	EXTERIOR	STRUCT	STRUCTURAL
FLR	FLOOR	SUB FLR	
FT	FOOT/FEET	T&G	TONGUE AND GROOVE
FTG	FOOTING	TYP	TYPICAL
GA	GAUGE	VENT	VENT/VENTILATION
GALV	GALVANIZED	VERT	VERTICAL
GC	GENERAL CONTRACTOR	VIF	VERIFY IN FIELD
GYP BD	GYPSUM WALL BOARD	VOL	VOLUME
HORIZ	HORIZONTAL	W/	WITH
HVAC	HEATING VENTILATING & A/C	W/O	WITHOUT
INSUL	INSULATION	WD	WOOD
INT	INTERIOR	WWF	WELDED WIRE FABRIC

RENOVATION OF THE

TMKT REALTY BARN

83 MAIN STREET DOBBS FERRY, NEW YORK 10522

PROPERTY OF:

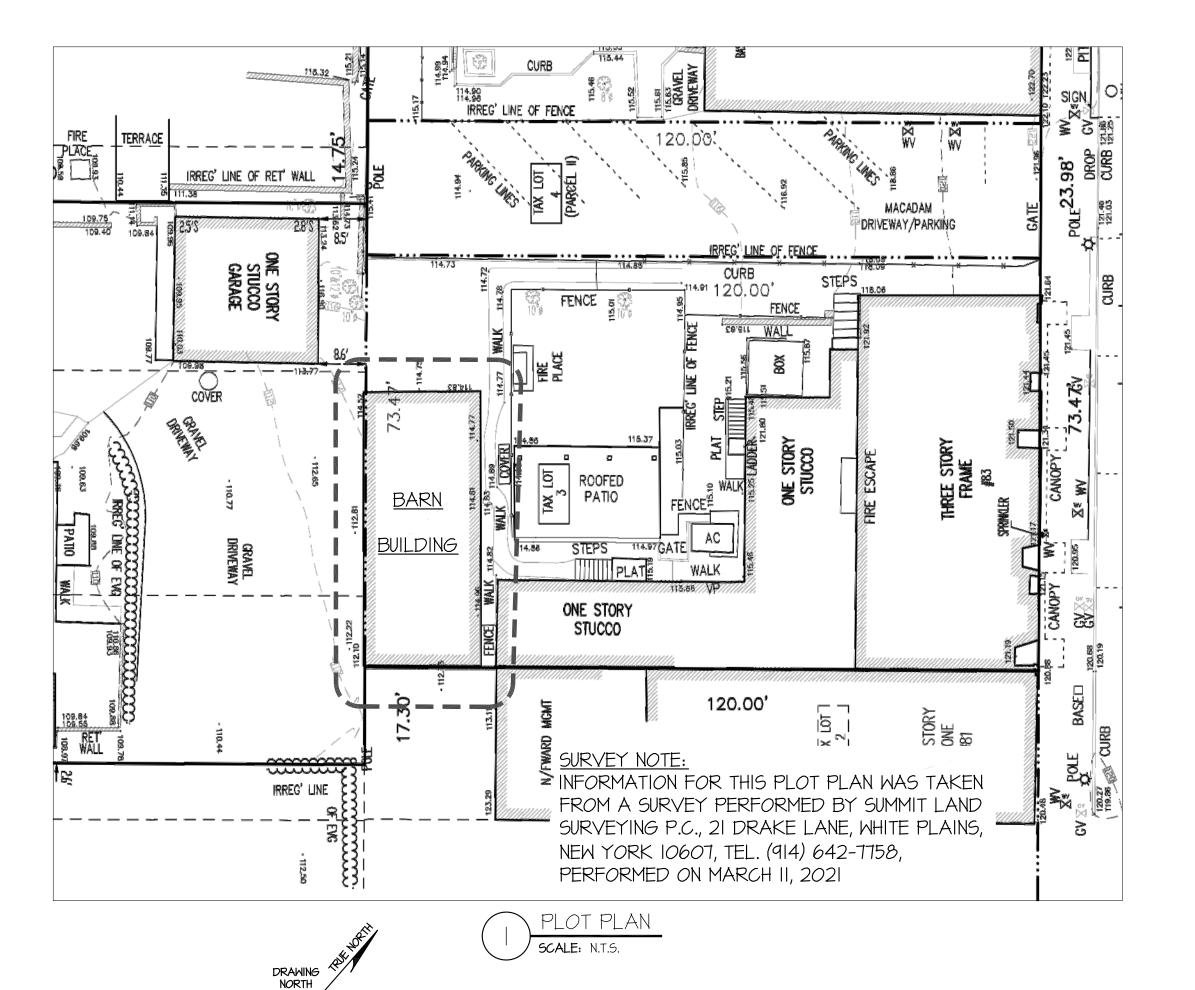
TMKT REALTY 42 LANDING DRIVE DOBBS FERRY, NEW YORK 10522

ARCHITECT:

STEPHEN TILLY, ARCHITECT 22 Elm Street

Dobbs Ferry, New York 10522 email: office@stillyarchitect.com tel. (914) 693 - 8898 fax (914) 693 - 4235

ISSUED for BUILDING PERMIT NOVEMBER 20, 2023



ZONING ANALYSIS

Dobbs Ferry, NY 10522

Summit Land Surveying P.C 21 Drake Lane White Plains, NY 10607 Ph.; 914.462,7758

no change

Presently Conforming

Construction Type

Lot 3 Required Proposed no change no change Construction Type no change mixed use mixed use retail sales & service retail office storage one family one family R, S, B R-3, B

Type V

Minimum Lot Size			
Width	NA	73.47 ft.	no change
Depth	NA	120ft.	no change
Frontage	NA	73.47 ft.	no change
Area	NA	8816 sf	no change
Maximum Lot Coverage			
Main Building	NA	44.2% (3896 sf.)	no change
Barn	NA	11.4% (1005 sf.)	no change
TOTAL COVERAGE	80% (7053 sf.)	no change	no change
Total Impervious Surfaces	100%	NA	no change

Type V

Main Building Setbacks			
Front	0 ft.	0 ft.	no change
Side (Minimum)	0 ft.	0/6.6 ft.	no change
Side (Total)	0 ft.	6.6 ft.	no change
Rear	10 feet from adjacent residential zone	ca.25 ft.	no change

Footprint	NA	3896 sf.	no change
Total Floor Area	NA	(x 3.5=) 13636 sf.	no change
Minimum Residential Unit Size	600 sf.	> 600 sf.	no change
Number of Residential Units	na	4	no change
Maximum Height	40 ft,	< 40 ft.	no change
Number of Stories	3	3	no change

Dail ii Getoaero			
Front	0 ft.	99.5 ft.	no change
Side	0 ft.	0/ca.24 ft.	no change
Rear	10 feet from adjacent	0 ft.	variance required for
Kear	residential zone	v II.	new use
Barn			
Footprint	NA	1005 sf.	no change
T : 1 T1 4	3.7.4	2010 0	2

40 ft.

Residential and Existing Building Code Compliance

I DO HEREBY CERTIFY THAT THE PLANS AND SPECIFICATIONS CONTAINED HEREWITHIN, TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT COMPLY WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE, AND THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE

11/20/2023

Energy Code Certification

I DO HEREBY CERTIFY THAT THE PLANS AND SPECIFICATIONS CONTAINED HEREWITHIN, TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT COMPLY WITH THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE,

11/20/2023

DATE

STEPHEN TILLY, Architect 22 Elm Street Dobbs Ferry, New York 10522

Tel: (914) 693-8898 Fax: 693-4235 E-mail: office@stillyarchitect.com

STRUCTURAL ENGINEER

40 Stakey Farm Rd. Southington, CT 06489 TEL: (860) 620-1777 Fax: (860) 628-9219

Revisions:

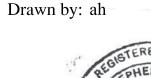
Issued for Building Permit

TMKT REALTY BARN - RESTORATION

83 Main St Dobbs Ferry, NY 10522

July 1, 2023

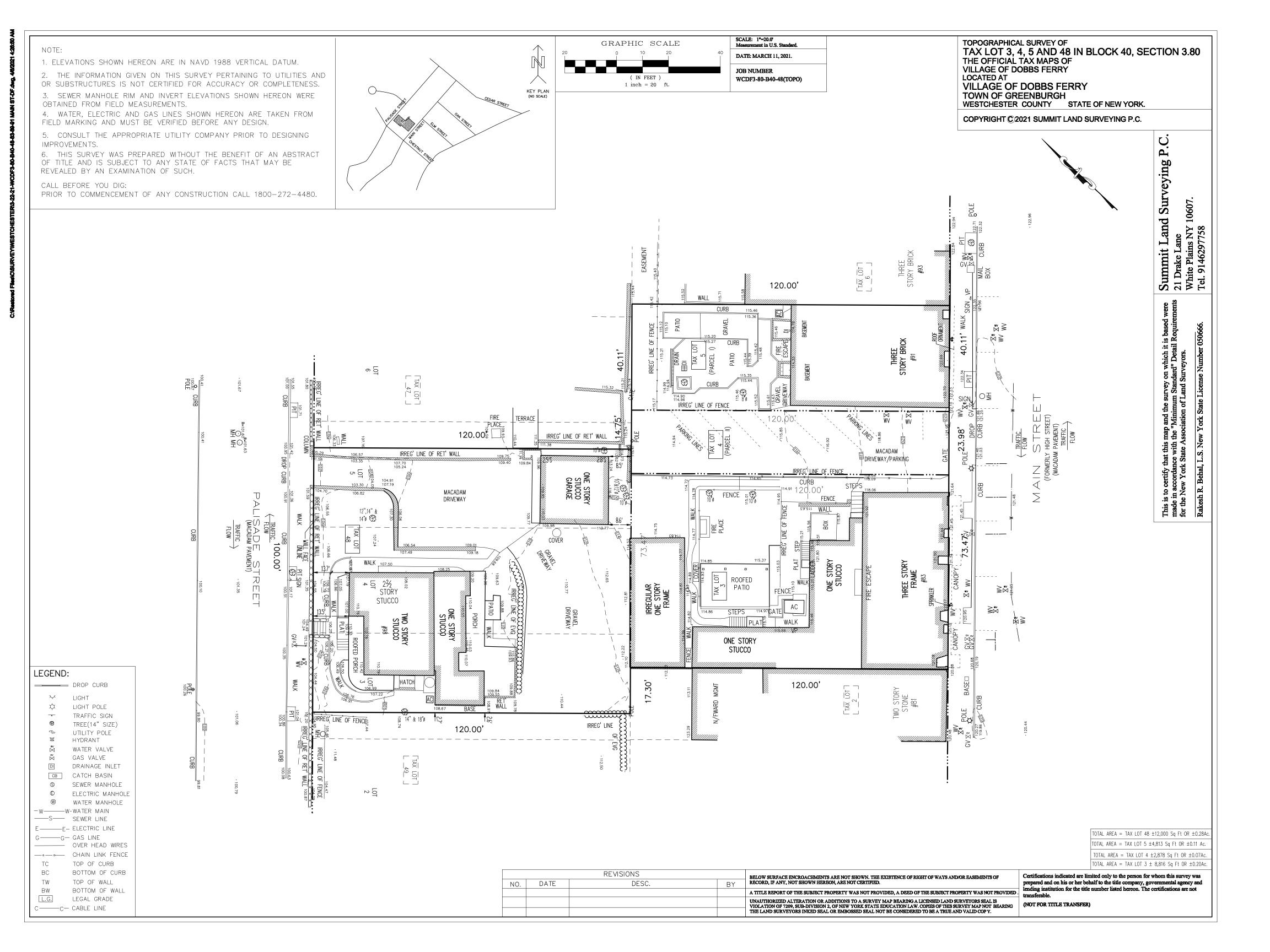
TITLE SHEET

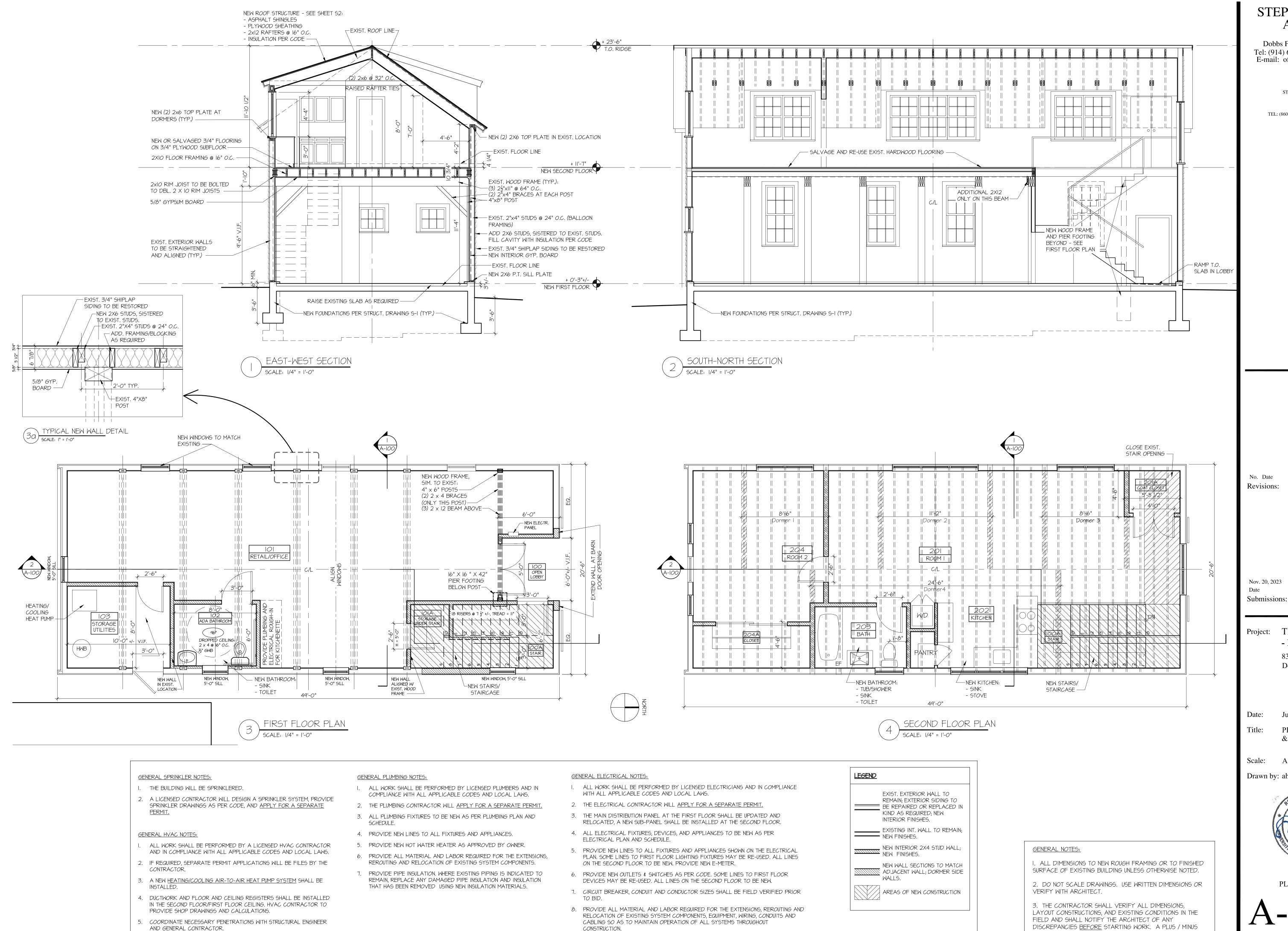




TITLE SHEET

T-100





9. PROVIDE SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS AS PER CODE.

STEPHEN TILLY, Architect

22 Elm Street Dobbs Ferry, New York 10522 Tel: (914) 693-8898 Fax: 693-4235 E-mail: office@stillyarchitect.com

> STRUCTURAL ENGINEER **BSES** 40 Stakey Farm Rd. Southington, CT 06489 TEL: (860) 620-1777 Fax: (860) 628-9219

No. Date Issued For Revisions:

Nov. 20, 2023 Issued for Building Permit

Project: TMKT REALTY BARN

- RESTORATION 83 Main St Dobbs Ferry, NY 10522

July 1, 2023

PROPOSED PLANS & SECTIONS

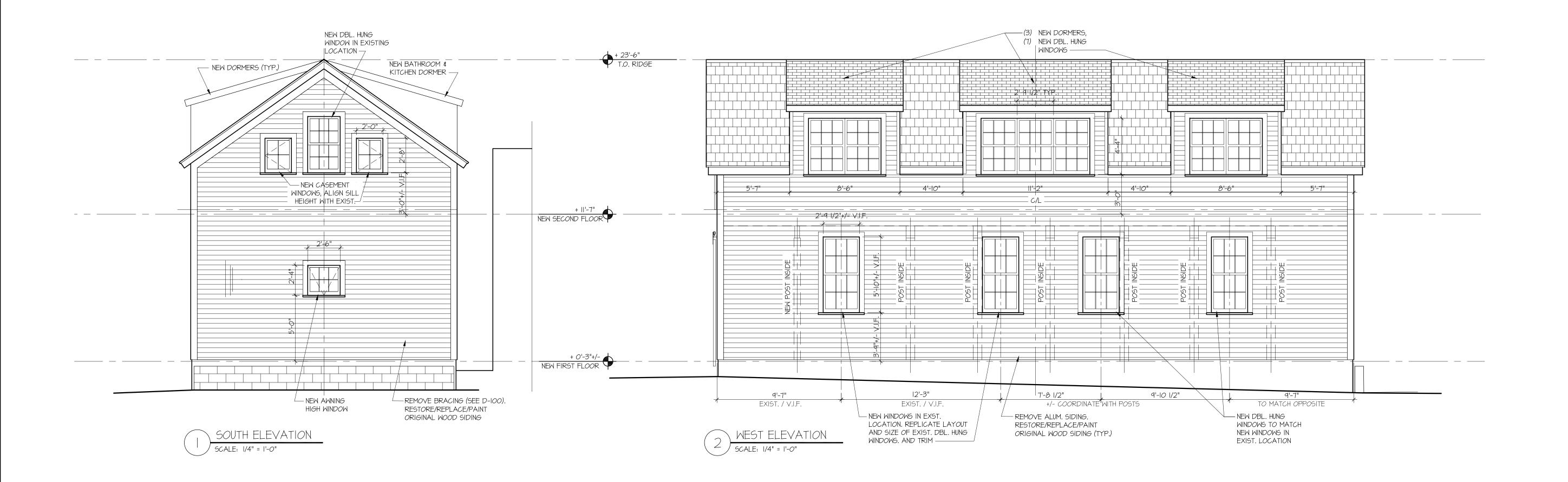
Scale: As noted

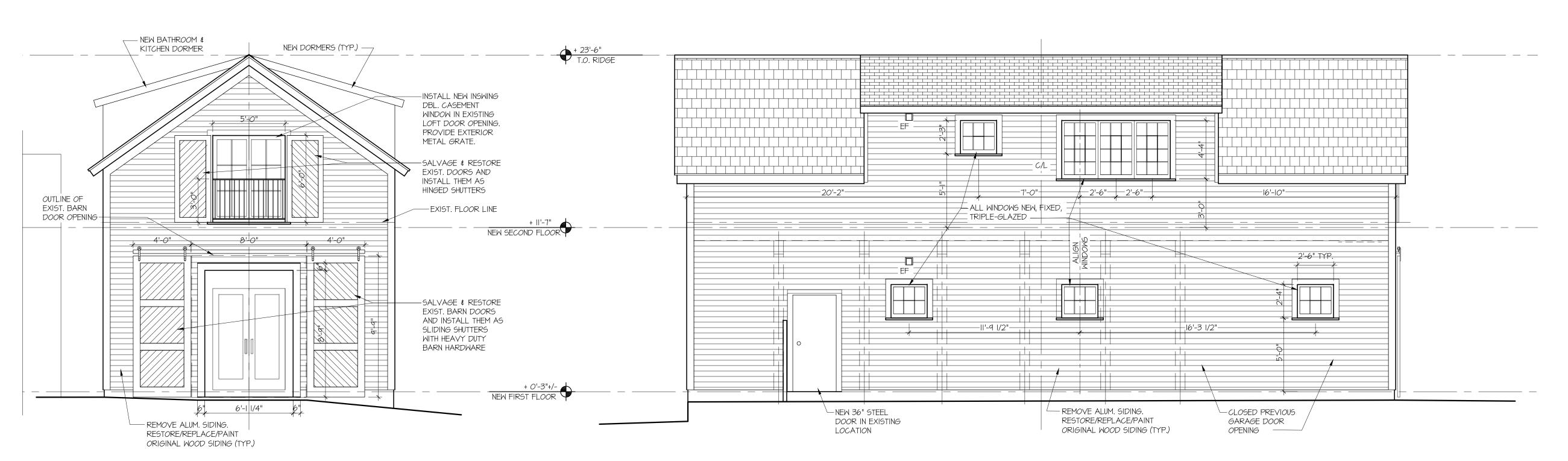
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(+/-) INDICATES DIMENSIONS WHICH MAY VARY.



PLANS & SECTIONS





NORTH ELEVATION

SCALE: 1/4" = 1'-0"

EAST ELEVATION

GENERAL NOTES:

I. ALL DIMENSIONS TO NEW ROUGH FRAMING OR TO FINISHED SURFACE OF EXISTING BUILDING UNLESS OTHERWISE NOTED.

2. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS OR VERIFY WITH ARCHITECT.

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LAYOUT CONSTRUCTIONS, AND EXISTING CONDITIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES <u>BEFORE</u> STARTING WORK. A PLUS / MINUS (+/-) INDICATES DIMENSIONS WHICH MAY VARY.

STEPHEN TILLY, Architect

22 Elm Street
Dobbs Ferry, New York 10522
Tel: (914) 693-8898 Fax: 693-4235

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No. Date Issued For Revisions:

Nov. 20, 2023 Issued for Building Permit
Date Issued For

Submissions:

Project: TMKT REALTY BARN
- RESTORATION

83 Main St Dobbs Ferry, NY 10522

ate: July 1, 2023

Title: PROPOSED ELEVATIONS

Scale: As noted

Drawn by: ah



ELEVATIONS

A-200R

1.) THE FOLLOWING REQUIREMENTS ALONG WITH THE DRAWINGS AND PROJECT SPECIFICATIONS SHALL BE COORDINATED AND SHALL APPLY TO THIS STRUCTURE AND OTHER REQUIRED ASSOCIATED WORK

2.) ALL WORK, TESTING, MATERIALS, ETC. SHALL BE IN ACCORDANCE WITH THE "BUILDING CODE OF NEW YORK STATE 2013" AND ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.

3.) IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER AND SHALL NOT PROCEED WITH ANY WORK THAT WOULD BE AFFECTED UNTIL FORMALLY DIRECTED BY THE ARCHITECT/ENGINEER ON HOW TO PROCEED.

4.) THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO THE FABRICATION AND ERECTION OF ANY MATERIAL, ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER.

5.) ALL SHOP DRAWINGS FOR STRUCTURAL STEEL INDICATING THE FABRICATOR MANUFACTURER, FINISH, LAYOUT, AND ALL ACCESSORIES MUST BE SUBMITTED TO AND BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKERS INITIALS BEFORE SUBMISSION TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION, SEE SPECIFICATIONS FOR SHOP DRAWING SUBMITTAL ADDITIONAL REQUIREMENTS.

6.) INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISALIGNED OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. IF FAULTY CONSTRUCTION PROCEDURES OR MATERIALS RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURES, PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE GENERAL CONTRACTOR'S PAYMENT.

7.) THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL, M/E/P DRAWINGS (INCLUDING ALL CONTRACT SHOP DRAWINGS) AND EQUIPMENT MANUFACTURERS TO ENSURE THAT OPENINGS, ANCHORS, INSERTS, SLEEVES, ATTACHMENTS, ETC. ARE PROVIDED AS REQUIRED, SOME OF THE DETAILS OF THE WORK ARE SHOWN ON THE THESE DRAWINGS AND SHOULD BE CAREFULLY REVIEWED BY THE CONTRACTOR TO FULLY COMPREHEND THE FULL SCOPE OF WORK.

8.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND COORDINATING ALL DIMENSIONS WITH THE ARCHITECTURAL AND M/E/P DRAWINGS, IN CASE OF CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY REQUEST A CLARIFICATION FROM THE ARCHITECT.

9.) THE CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT.

10.) IN CASE OF CONFLICT BETWEEN NOTES, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

FOUNDATION AND EXCAVATION:

1.) DESIGN PRESUMPTIVE SOIL BEARING PRESSURE = 3,000 PSF. ALL NEW FOOTINGS SHALL BEAR ON UNDISTURBED SOIL.

2.) THE BOTTOM OF ALL EXCAVATIONS SHALL BE INSPECTED BY LOCAL BUILDING OFFICIAL.

3,) ALL WATER AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE BOTTOM OF THE EXCAVATION BEFORE PLACING CONCRETE.

4.) FOOTINGS NOT FOUNDED UNDISTURBED VIRGIN SOIL SHALL BE PLACED ON COMPACTED GRANULAR FILL.

5.) ALL EXISTING CONDITIONS DEPICTED ON THE DRAWINGS ARE BASED ON LIMITED FIELD OBSERVATIONS, ANY UNUSUAL CONDITIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

6.) CRUSHED STONE SHALL BE OF UNIFORM SIZE LISTED AND BE CRUSHED FROM BASALT OR QUARTZ ROCK. FILTER FABRIC SHALL BE PLACED BETWEEN THREE QUARTER INCH CRUSHED STONE AND EXISTING SOIL. THREE EIGHTS INCH CRUSHED STONE CAN BE PLACED AGAINST EXISTING SOIL WITHOUT FILTER FABRIC. CRUSH STONE LAYERS SHALL BE PLACED IN MAXIMUM OF 18" LIFTS BEFORE COMPACTION. TESTING IS NOT REQUIRED FOR CRUSHED STONE COMPACTION.

7.) THE COMPACTION EFFORT FOR CRUSHED STONE LAYERS OF UNIFORM SIZE SHALL BE WITH 6 PASSES OF A VIBRATORY PLATE COMPACTOR HAVING A MINIMUM DYNAMIC FORCE OF 1,000 POUNDS. OR EQUIVALENT. IN TIGHT SPACES ONLY, GENERALLY AT THE BASE OF EXCAVATION A "JUMPING JACK" TYPE COMPACTOR MAY BE USED.

CONCRETE MASONRY:

1.) ALL CONCRETE BLOCK SHALL BE NORMALWEIGHT HOLLOW LOAD BEARING MASONRY UNITS UNLESS OTHERWISE NOTED ON THE DRAWINGS CONFORMING TO ASTM C90, CLASSIFICATION D-2, WITH A MINIMUM MASONRY COMPRESSIVE STRENGTH OF 1,500 PSI ON THE NET AREA OF THE UNITS. MINIMUM COMPRESSIVE STRENGTH OF CMU - 1,900 PSI.

2.) ALL MORTAR SHALL BE TYPE M AND CONFORM TO ASTM C270.

3.) COARSE GROUT USED IN PILASTERS AND WALLS SHALL CONFORM TO ASTM C476. USE ONE PART PORTLAND CEMENT, THREE PARTS DRY LOOSE SAND, 1.5 PARTS PEA GRAVEL AND THE MINIMUM AMOUNT OF WATER TO PRODUCE A WORKABLE MIX.

4.) CEMENT USED IN MORTAR SHALL CONFORM TO ASTM C150.

5.) ALL REINFORCING BARS SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60. JOINT (HORIZONTAL) REINFORCEMENT SHALL BE DUR-O-WALL TRUSS TYPE OR APPROVED EQUAL.

6,) MASONRY SHALL NOT BE CONSTRUCTED IN TEMPERATURES BELOW 40°F. PROVIDE A HEAT SOURCE AND PROTECTION AS REQUIRED TO MAINTAIN TEMPERATURE ABOVE 40°F.

7.) ALL CELLS WITH REINFORCING BARS OR BOLTS SHALL BE GROUTED SOLID.

8.) VERTICAL CELLS TO BE GROUTED SOLID SHALL HAVE A MINIMUM CLEAR DPENING DF $3'' \times 2 - 1/2$.

9.) HOLLOW UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON THE HORIZONTAL AND VERTICAL FACE SHELLS EXCEPT THAT WEBS SHALL ALSO BE BEDDED WHERE THEY ARE ADJACENT TO CELLS TO BE REINFORCED AND/OR FILLED WITH GROUT, IN THE STARTING COURSE, ON FOOTINGS AND SOLID FOUNDATION WALLS, AND IN NON-REINFORCED GROUTED PIERS PILASTERS AND COLUMNS, SOLID MASONRY UNITS SHALL BE LAID W/ FULL HEAD & BED JOINTS.

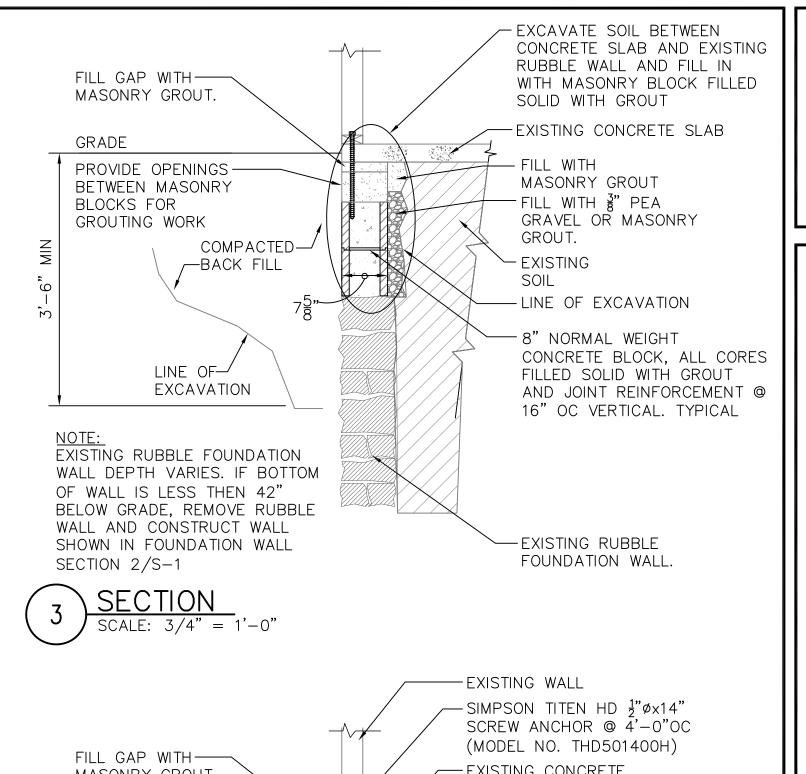
10.) CONSOLIDATE GROUT POURS EXCEEDING 12" IN HEIGHT BY MECHANICAL VIBRATION AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.

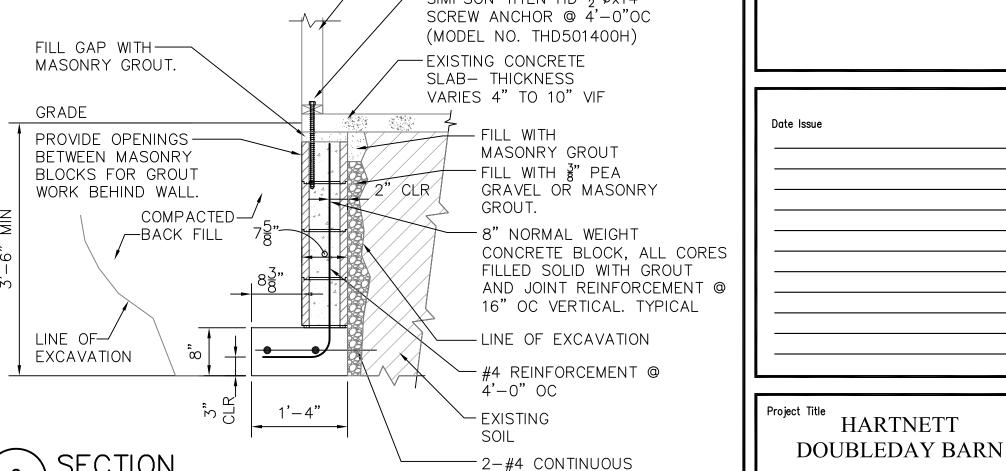
11.) ALL AUTHORIZED CUTTING AND FITTING OF MASONRY, INCLUDING THAT REQUIRED TO ACCOMMODATE THE WORK OF OTHER TRADES, SHALL BE DONE WITH MASONRY SAWS.

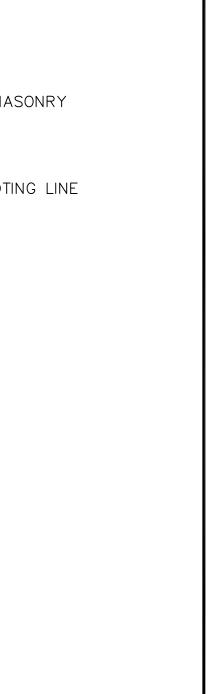
12.) M/E/P LINES SHALL NOT BE RUN IN ANY HORIZONTAL MASONRY WALL JOINTS, VERTICALLY IN ANY REINFORCED OR GROUTED MASONRY CELLS, NOR UNDER AND PARALLEL TO ANY LOAD BEARING CMU WALLS.

13.) ALL MASONRY WORK, MATERIALS, INSPECTIONS, TESTING, ETC. SHALL CONFORM WITH THE REQUIREMENTS OF THE (BUILDING CODE OF NEW YORK STATE.

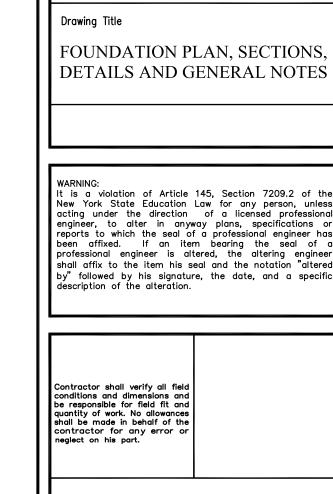
S-1







(24" SPLICE LENGTH)



Project No. N0966

Drawing By

Checked By HFJ

10/20/17

HARTNETT

83 MAIN STREET

DOBBS FERRY, NY 10522

NOTED

Drawing No.

Building Structural

Engineering Services LLC

0 Stakey Farm Rd.; Southington, CT 06489 Tel 860-620-1777 Fax 860-628-9219

helmut@bsesllc.com

