

Owner Occupied and Scattered Site Rehabilitation Programs

ADDENDUM ACKNOWLEDGEMENT

**Addendum # 2
September 29th, 2017**

Project # 5061 Property Address: 758 East Broadway, Milford, CT

Addendum Description

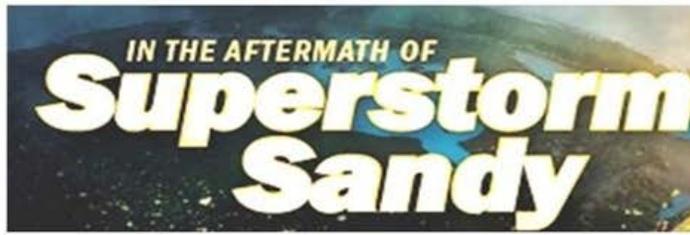
The addendum modifies the Bid Specification and Drawings prepared by Martinez Couch and Associates, LLC and Consultants to the following particulars;

A. General

1. The bid due date has not been extended for this bid addendum. All bids are due on October 5th, 2017 at 4:00PM at MCA's office, where the public bid opening will be held.

B. Drawings

1. Replace drawing sheets S1 to S4 with attachment 1 to this addendum.
 - i. S1 – “Foundation Design-Existing Conditions Plan & Structural”
 - ii. S2 – “Foundation Design-Foundation Plan”
 - iii. S3 – “Foundation Design-First Floor Framing Support Plan”
 - iv. S4 – “Foundation Design-Sections”
2. All revisions to drawings sheets S1 to S4 have been clouded with a revision note.



Addendum #1 – Attachment 1

Drawing Sheets S1 to S4 – Foundation Design

DESIGN BASIS

3 GOVERNING CODE 2012 INTERNATIONAL RESIDENTIAL CODE + 2016 CONNECTICUT AMENDMENT

GENERAL NOTES:

SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ENGINEER.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, ETC. THAT MAY BE REQUIRED.

WORK THESE DRAWINGS WITH THOSE OF OTHER TRADES FOR LOCATIONS OF OPENINGS, RECESSES, BUILT-IN WORK, ETC.

FOUNDATION NOTES

REFER TO GEOTECHNICAL REPORT PREPARED BY DR. CLARENCE WELTI, P.E., P.C., DATED NOVEMBER 2, 2016 FOR SUBSURFACE PREPARATION & RELATED REQ'MENTS.

ALL NEW FOUNDATIONS SHALL BE SUPPORTED BY NEW HELICAL PILES MANUFACTURED BY EARTH CONTACT PRODUCTS, LLC, OLATHE KA, OR APPROVED EQUAL.

HELICAL PILES

ALL HELICAL PILES SHALL DEVELOP A MINIMUM ALLOWABLE LOAD CARRYING CAPACITY OF 10 TONS (20 KIPS) UNLESS OTHERWISE NOTED.

ALL HELICAL PILES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT. THE PROPOSED HELICAL PILE SHALL HAVE A MINIMUM SHAFT SIZE OF 3 1/2" OUTSIDE DIAMETER x 0.300" WALL THICKNESS, BE FILLED SOLID w/ GROUT AND BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM 123 AND BE SUBMITTED FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK. SUBMITTAL SHALL INCLUDE SIZE, STRENGTH, GALVANIZING, DEPTH, SEAT TYPE AND SIZE.

INSTALL ONE (1) TEST PILE PRIOR TO CONSTRUCTION.

CONCRETE

MATERIALS:

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN.

ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

ALL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH ASTM A775.

NO CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 1% CHLORIDE BY WEIGHT OF ADMIXTURE SHALL BE USED IN THE CONCRETE.

PROVIDE 5% TO 7% AIR ENTRAINMENT IN ALL CONCRETE.

UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS B.

STRUCTURAL STEEL

ANGLES, MISCELLANEOUS PLATES AND BARS.....ASTM A36
 BOLTS.....ASTM A325
 WELDING ELECTRODE.....ASTM E 70

ALL STRUCTURAL STEEL AND CONNECTION HARDWARE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.

ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

ALL STRUCTURAL STEEL, FROM DELIVERY TO THE JOB SITE TO AFTER ERECTION SHALL CONFORM TO ALL REQUIREMENTS OF ASTM A6.

STRUCTURAL LUMBER

STRUCTURAL LUMBER USED FOR BRIDGING, BLOCKING AND OTHER MISCELLANEOUS FRAMING SHALL BE NOT LESS THAN NO. 2 GRADE DOUGLAS FIR AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING..... F_b = 875 PSI
 HORIZONTAL SHEAR..... F_v = 95 PSI
 TENSION PARALLEL TO GRAIN..... F_t = 825 PSI
 COMPRESSION PERPENDICULAR TO GRAIN..... F_c = 385 PSI
 COMPRESSION PARALLEL TO GRAIN..... F_c = 1,050 PSI
 MODULUS OF ELASTICITY..... E = 1,700,000 PSI

MOISTURE CONTENT OF ALL FRAMING LUMBER WHEN DELIVERED TO THE PROJECT SITE SHALL NOT EXCEED 19%.

NAILING AND OTHER FASTENING SHALL BE AS PER TABLE 2304.9.1, FASTENING SCHEDULE, OF THE 2005 STATE OF CONNECTICUT BUILDING CODE.

PLYWOOD WALL SHEATHING SHALL BE NOMINAL 5/8" THICK SQUARE EDGE EXTERIOR GRADE CDX AND CONTAIN (4) INNER PLYS.

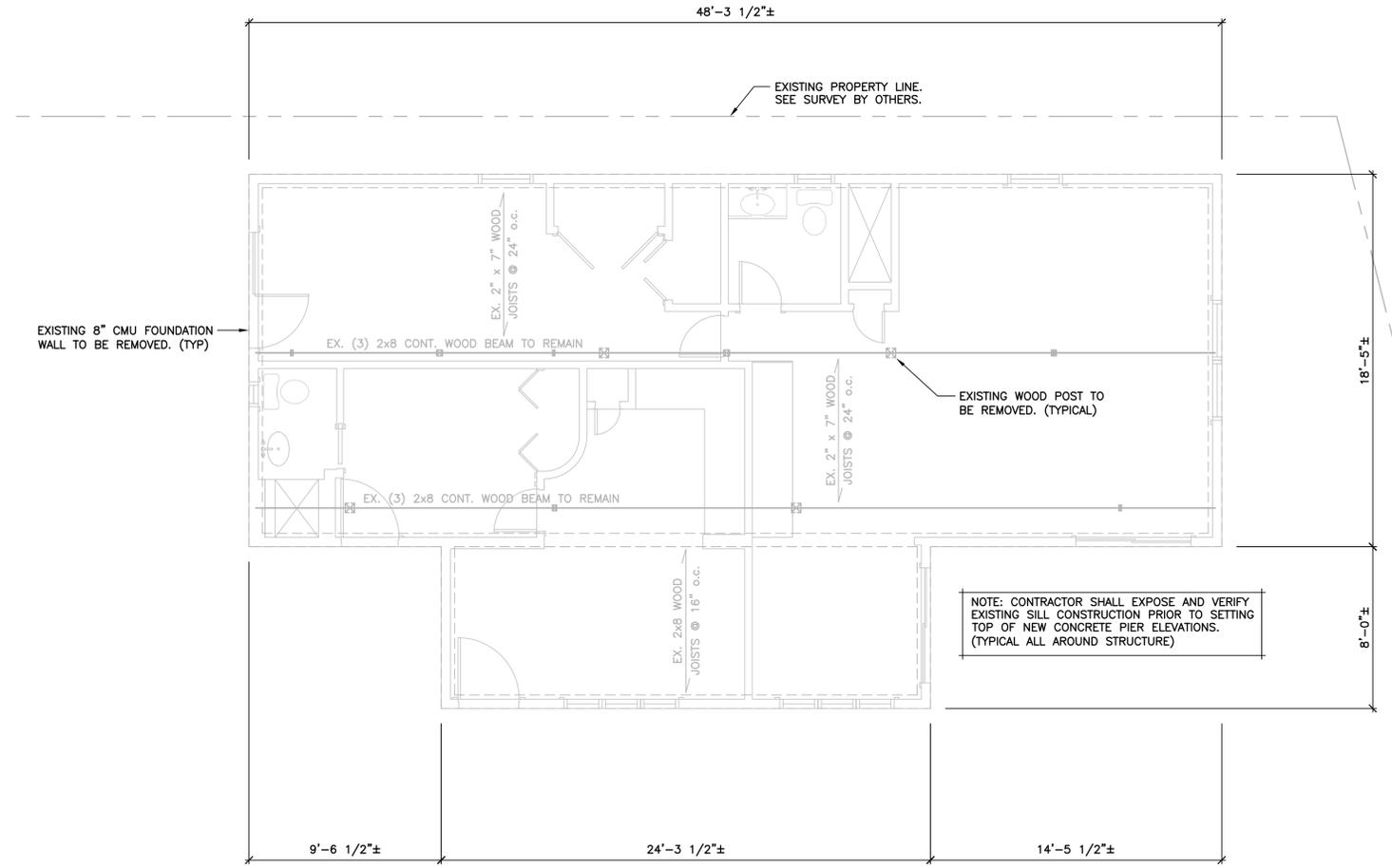
PLYWOOD ROOF SHEATHING SHALL BE NOMINAL 3/4" THICK SQUARE EDGE EXTERIOR GRADE.

ENGINEERED WOOD PRODUCTS

ELEMENTS. FOLLOWING ERECTION, JOISTS SHALL BE SHEATHED AND PROTECTED TO MAINTAIN STRESS-GRADED MOISTURE CONTENT NOT TO EXCEED 19%.

PARALLAM PLUS PSL WOLMANIZED MEMBERS USED FOR BEAMS AND HEADERS SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING..... F_b = 1,827 PSI
 HORIZONTAL SHEAR..... F_v = 197 PSI
 TENSION PARALLEL TO GRAIN..... F_t = 1,397 PSI
 COMPRESSION PERPENDICULAR TO GRAIN..... F_c = 368 PSI
 COMPRESSION PARALLEL TO GRAIN..... F_c = 1,508 PSI
 MODULUS OF ELASTICITY..... E = 1,460,000 PSI



EXISTING CONDITIONS PLAN

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



NOTES:

1. THE EXISTING WOOD FRAMED SUPERSTRUCTURE SHALL BE ADEQUATELY SHORED PRIOR TO DEMOLITION OF EXISTING FOUNDATION CONSTRUCTION.
2. REFER TO THE ACCOMPANYING DRAWINGS FOR PLANS, DETAILS AND ADDITIONAL REQUIREMENTS RELATED TO THE NEW FOUNDATION AND FRAMING CONSTRUCTION TO SUPPORT THE EXISTING SUPERSTRUCTURE TO BE ELEVATED.
3. REFER TO ARCH'L DRAWINGS FOR ADDITIONAL DEMO REQUIREMENTS.
4. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.



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 Consulting Engineers

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 P.O. Box 1153 Fax (203) 891-8299
 Orange, CT 06477-7153 torrenti@optonline.net

NO.	DATE	REVISIONS	BY	CHK	APPV
3	9/28/2017	BID ADDENDUM 2	DEB	TAT	TAT
2	9/14/2017	ISSUED FOR BIDDING	DEB	TAT	TAT
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT

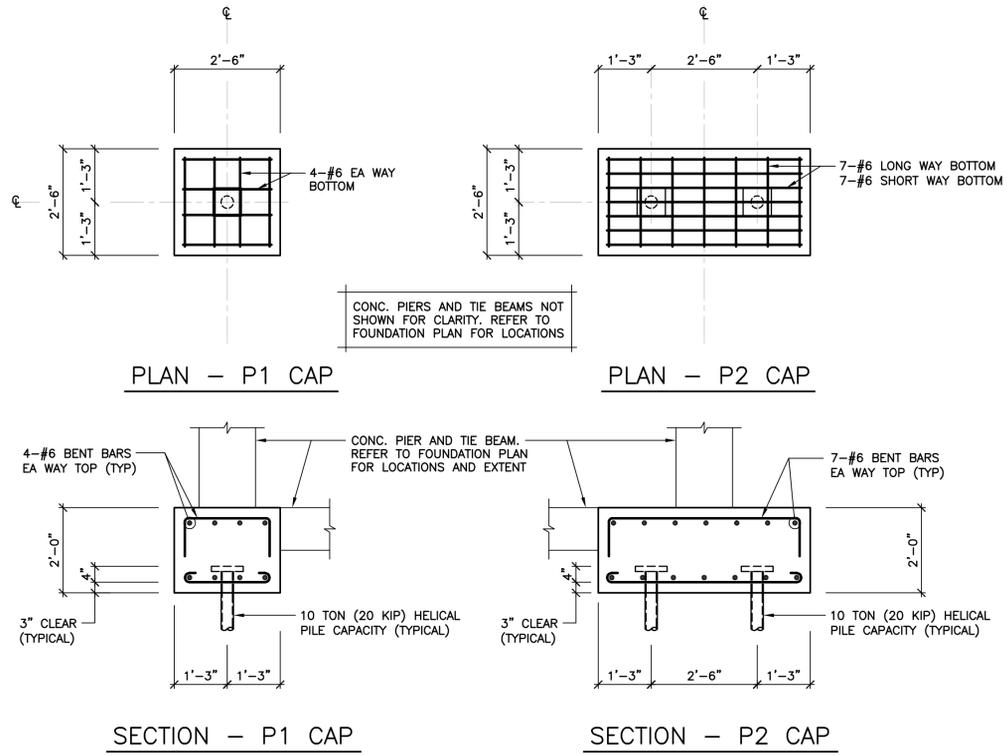
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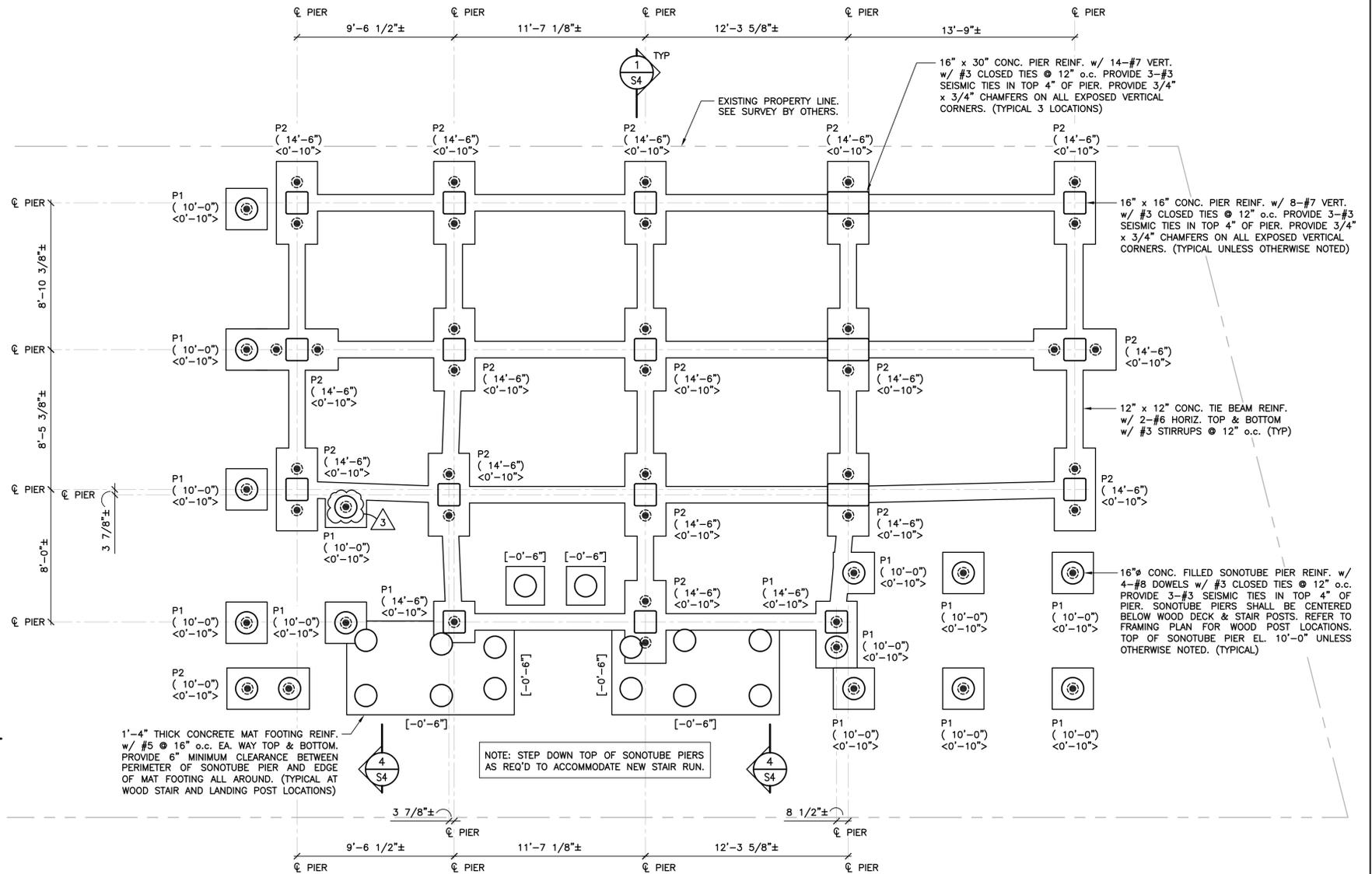
FOUNDATION DESIGN

EXISTING CONDITIONS PLAN & STRUCTURAL NOTES

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	21707 S1-S4.dwg	S1



TYPICAL CONCRETE PILE CAP DETAILS
 SCALE: 1/2" = 1'-0"



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

- LEGEND:**
- P# PILE CAP MARK (SEE DETAILS THIS DWG)
 - <....> EL. TOP OF CONC. PILE CAP
 - (.....) EL. TOP OF CONC. PIER
 - [.....] EL. BOTTOM OF CONC. MAT FOOTING
 - ⊙ DENOTES 10 TON (20 KIP) CAPACITY HELICAL PILE. FIELD VERIFY ALL HELICAL PILE LOCATIONS.

MCA
MARTINEZ COUCH & ASSOCIATES
 ENGINEERING • LAND SURVEYING • ENVIRONMENTAL
 CONSTRUCTION INSPECTION • WASTEWATER

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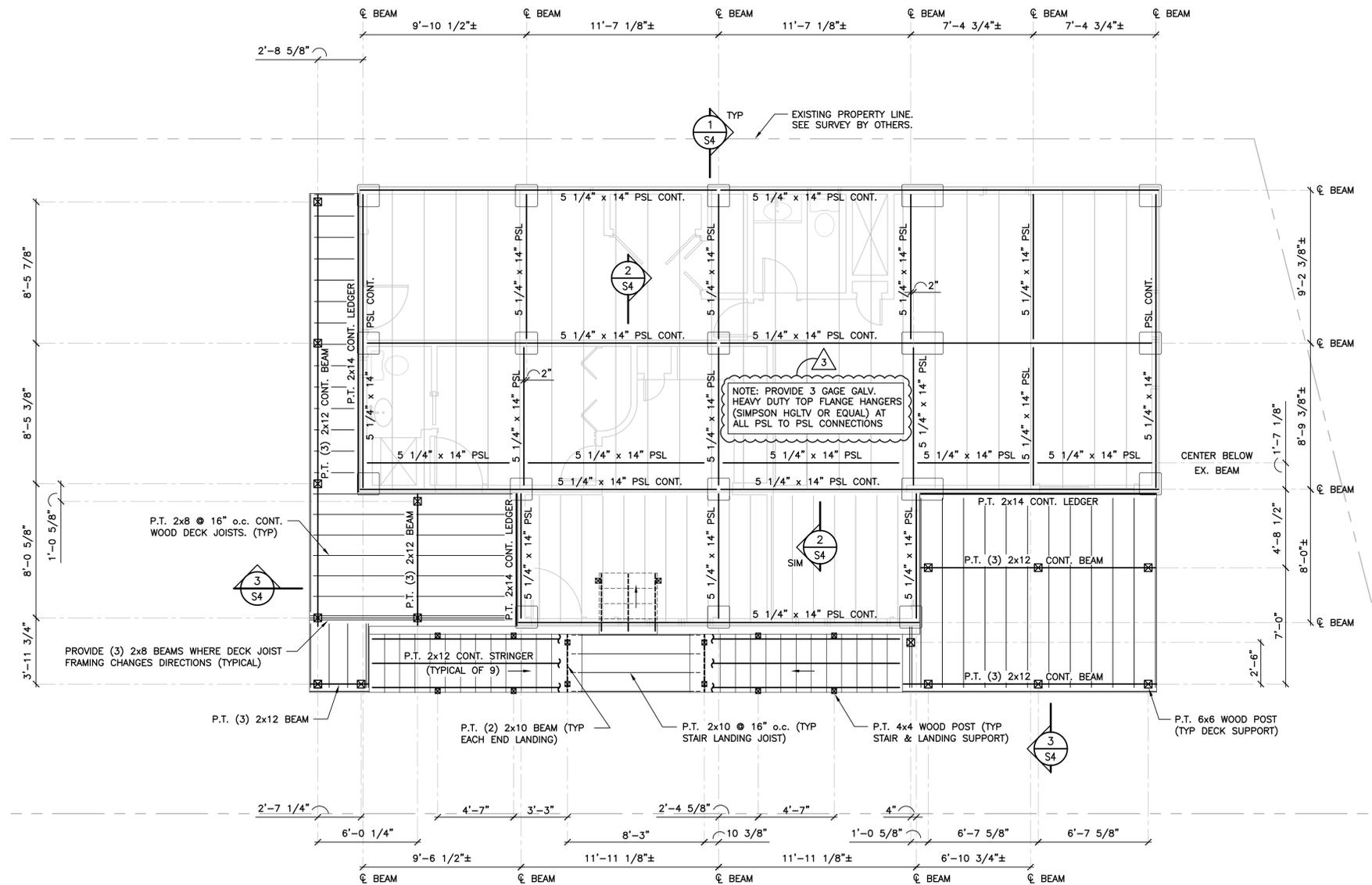
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FOUNDATION DESIGN

FOUNDATION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	21707 S1-S4.dwg	S2



FIRST FLOOR FRAMING SUPPORT PLAN

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



NOTES:

1. NEW FINISH FLOOR EL. 17'-0"±. REFER TO ARCH'L DRAWINGS FOR ALL ELEVATIONS.
2. SETTING AND ANCHORAGE OF THE SUPERSTRUCTURE TO NEW CONCRETE FOUNDATION IS THE RESPONSIBILITY OF CONTRACTOR.
4. PROVIDE P.T. CONTINUOUS NAILERS AT ALL NEW FLOOR FRAMING MEMBERS SUPPORTING EXISTING FLOOR JOISTS AS REQUIRED.
5. PROVIDE 2x WOOD INFILL FRAMING AT EXISTING FLOOR OPENINGS TO BE ABANDONED. MATCH INFILL FRAMING WITH ADJACENT JOIST MEMBERS.
6. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.
7. REFER TO DRAWING S4 FOR ADDITIONAL CONSTRUCTION ITEMS & REQUIREMENTS NOT SHOWN FOR CLARITY ON FRAMING PLAN.



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			DATE:		

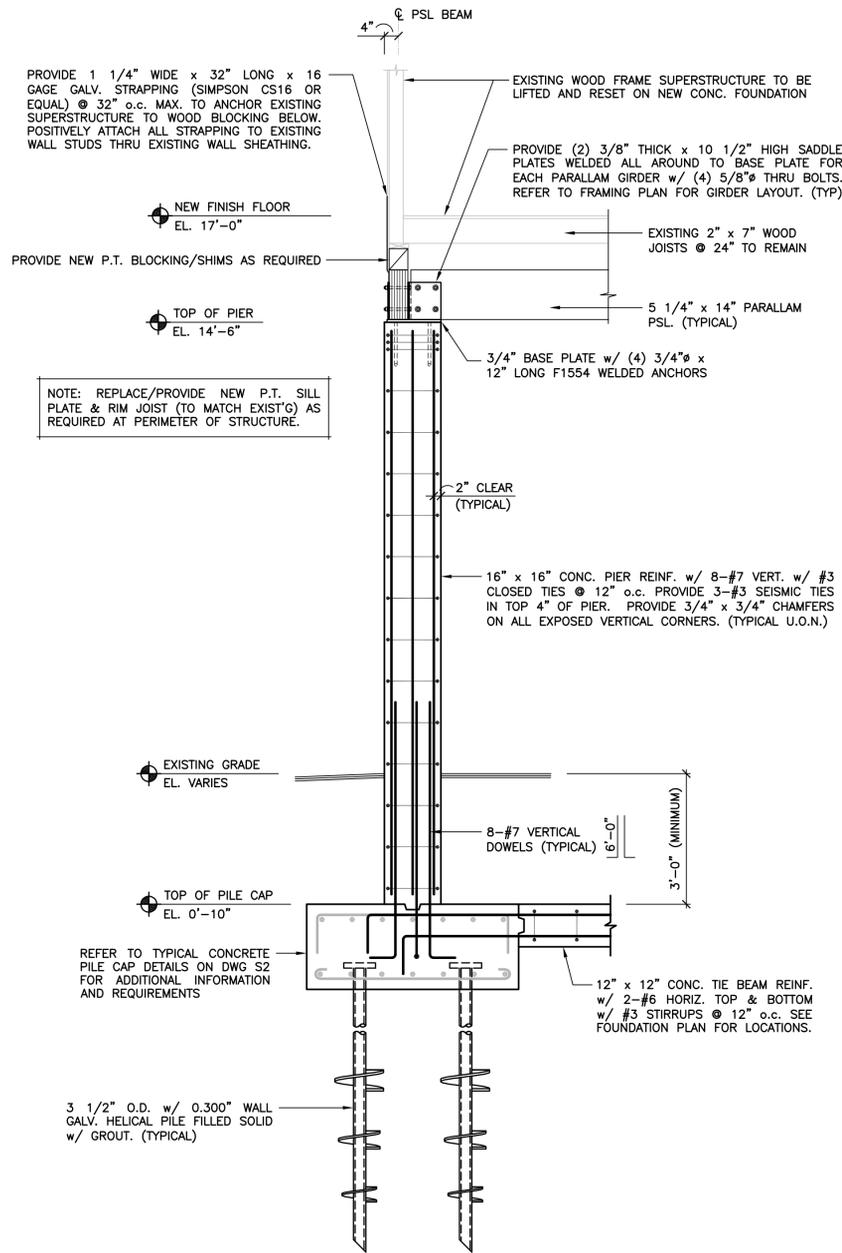
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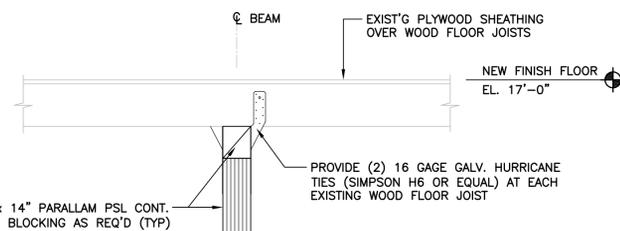
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FIRST FLOOR FRAMING SUPPORT PLAN

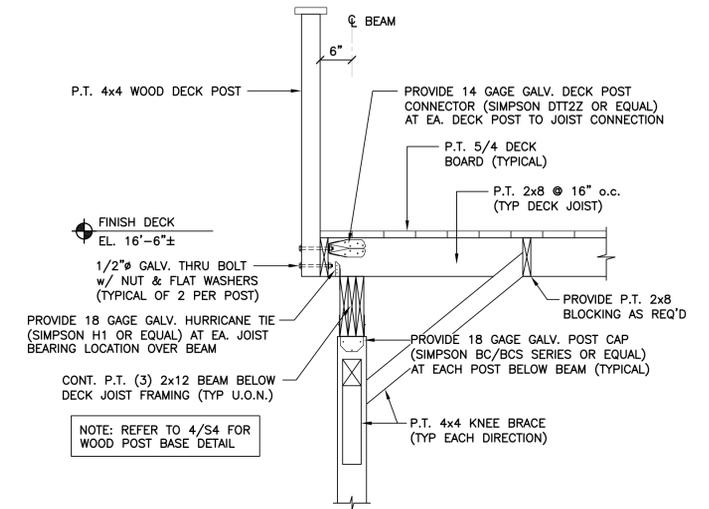
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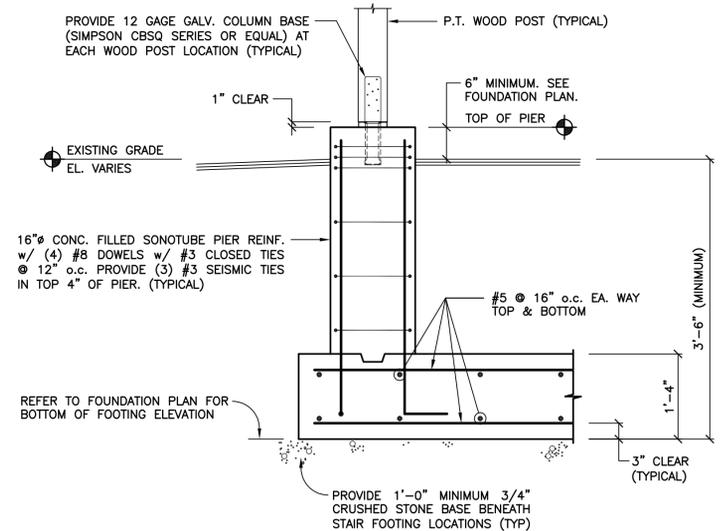
SECTION 1
SCALE: 1/2" = 1'-0"



SECTION 2
SCALE: 3/4" = 1'-0"



SECTION 3
SCALE: 3/4" = 1'-0"



SECTION 4
NO SCALE
(TYPICAL STAIR/LANDING FOUNDATION)



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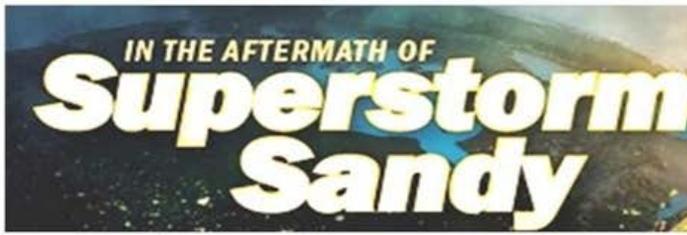
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FOUNDATION DESIGN

SECTIONS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	21707 S1-S4.dwg	S4



BID ADDENDUM ACKNOWLEDGMENT

The undersigned acknowledges that he/she have reviewed and acknowledge receipt of this Addendum #2 for Project 5061 – 758 East Broadway, Milford, CT

Any bids collected which do not contain a signed and executed copy of this page are subject to disqualification.

BIDDER ACKNOWLEDGEMENT:

Name of Bidder

Signature

Date

Bidder's Title

Bidder's Company