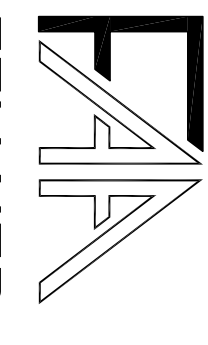


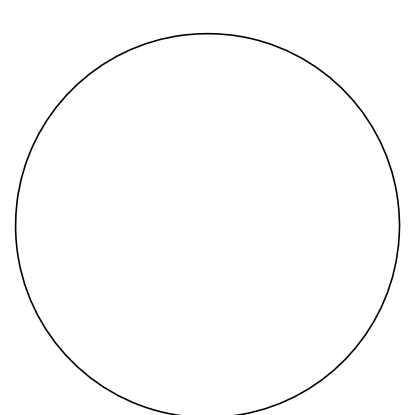
REVISIONS:



FELLNER ASSOCIATES ARCHITECTS
15 MAIN STREET
EAST HADDAM, CONNECTICUT 06423
TEL. (860) 979-8230

HADDAM SENIOR CENTER
923 SAYBROOK ROAD, HADDAM, CT 06438
TITLE SHEET

PROJECT NAME: _____
SHEET NAME: _____



JOB NO.: 183
DRAWN BY: MCD
SCALE: N.T.S.
DATE: 08/2018
SHEET NO.: **T-10**

HADDAM SENIOR CENTER

923 SAYBROOK ROAD.
HADDAM, CONNECTICUT 06438

FELLNER ASSOCIATES ARCHITECTS, LLC

15 MAIN STREET, EAST HADDAM, CONNECTICUT 06423

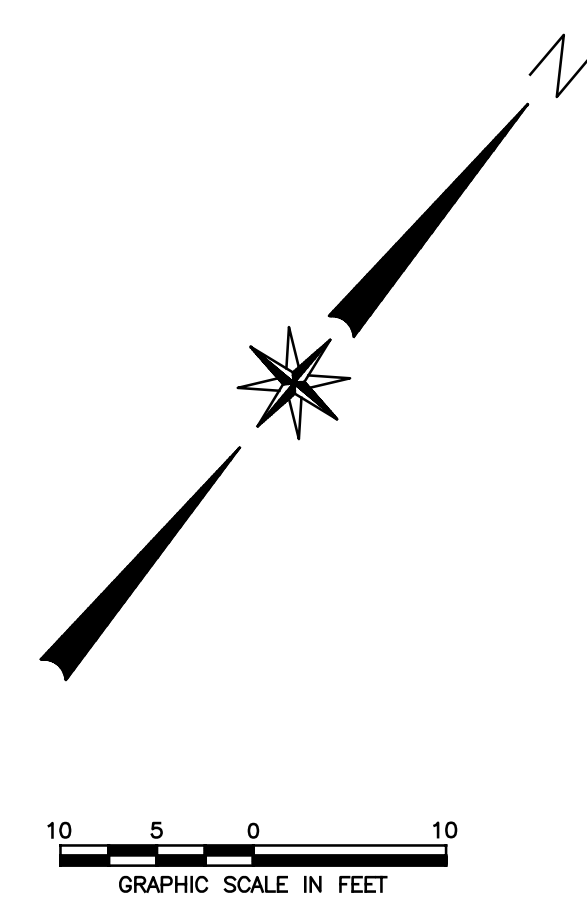
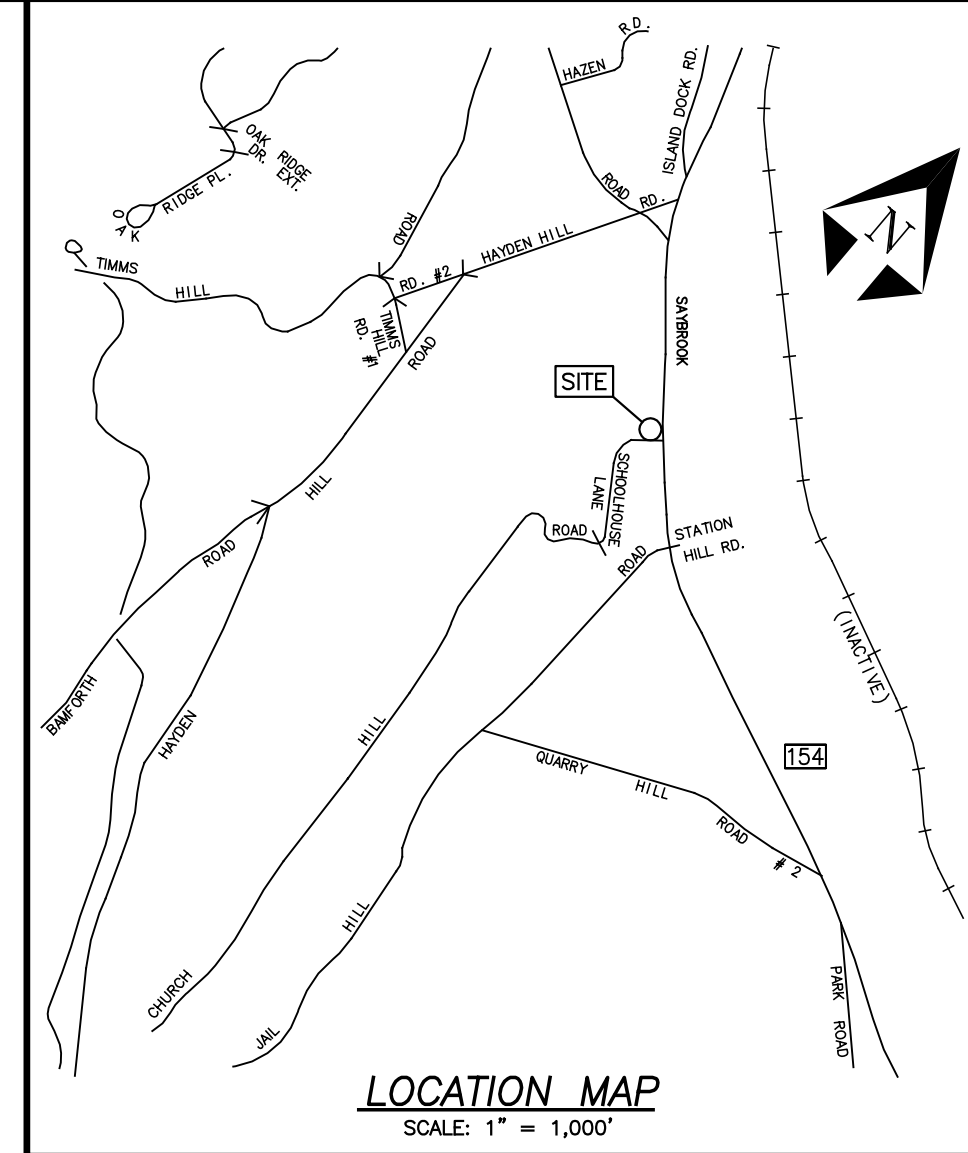
DRAWING LIST

T-1	TITLE SHEET
C-10	GENERAL LOCATION SURVEY/ EXISTING CONDITIONS
C-11	PROPOSED SITE PLAN
A-10	FLOOR PLANS, NOTES AND SCHEDULES
A-11	PLAN DETAILS AND SECTION DETAILS
A-20	BUILDING ELEVATIONS
S-10	SPECIFICATIONS
S-11	SPECIFICATIONS

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n/f
Daniel M. Livingston &
Deborah A. Livingston
Map 31, Lot 27
Volume 300, Page 70

n/f
Daniel M. Livingston &
Deborah A. Livingston
Map 31, Lot 27
Volume 300, Page 70



SURVEY NOTES:

- This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;
 - This survey conforms to a Class "C" horizontal accuracy.
 - Topographic features conform to a Class "T-2" accuracy.
 - Survey Type: General Location Survey.
- The subject parcel is shown as lot #28 on assessor's map #31.
- Zone: R-2A.
- The intent of this survey is to show existing conditions for repaving and other improvements at the subject property.
- Elevations based on NAVD 1988. Contours taken from actual field survey. Contour interval = 2'.
- North orientation is referenced to CT State Plane Coordinates.
- The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1-800-922-4455.

MAP REFERENCES:

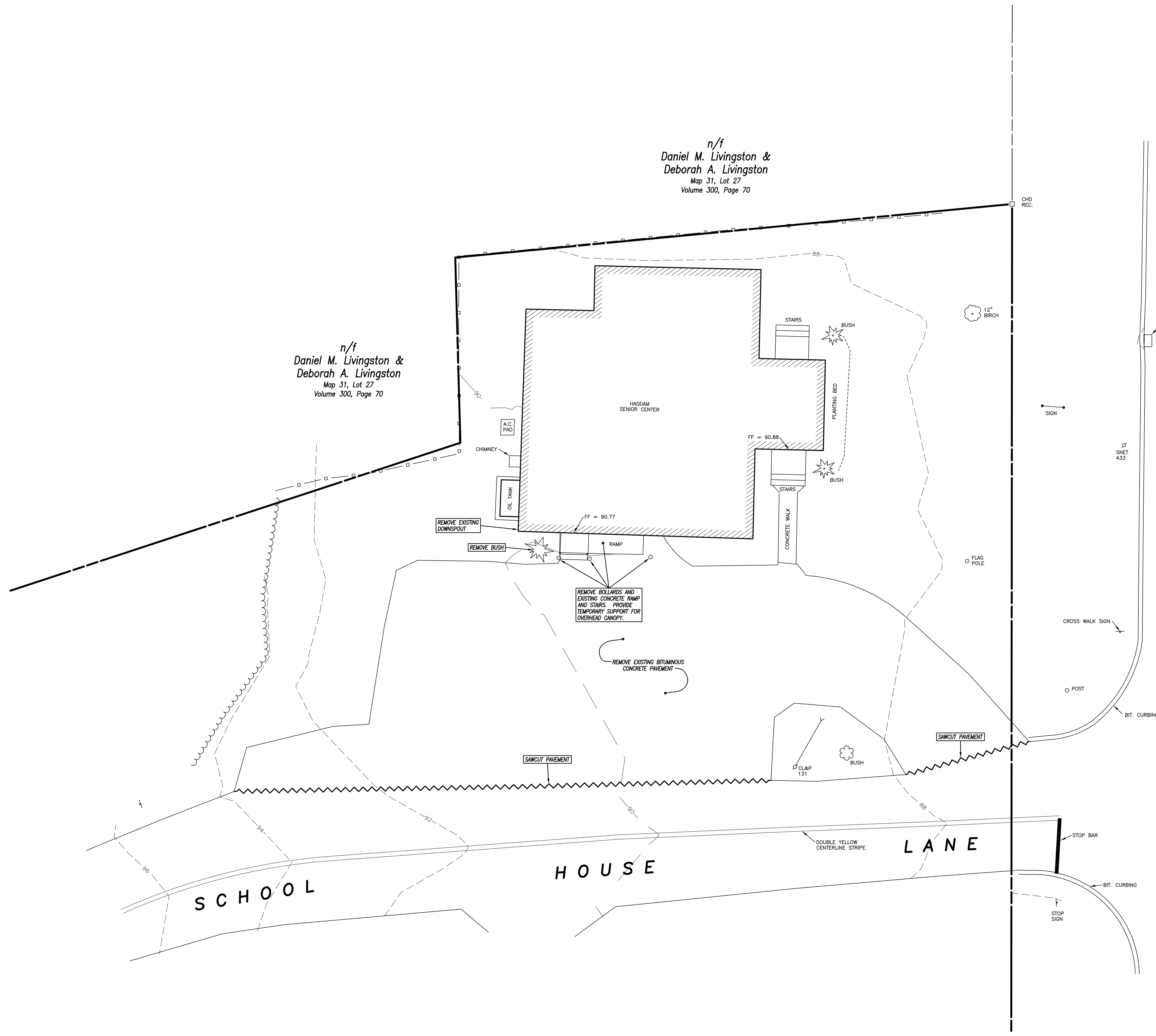
- "Survey Map - Division of Property - of - Kirk & Mary Jackson - 919 Saybrook Road - Haddam, Conn. - Scale: 1" = 40' - Dated: December 9, 2005 - William B. Bergan Land Surveyor"
- "Connecticut State Highway Department - Right of Way Map - Town of Haddam - Middlesex Turnpike - From the Haddam Town Hall - Southerly to Middlesex County Home - Route No. 10 - Scale: 1" = 40' - Sheet 1 of 2 - Approved: May 31, 1928"

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON,

DAVID J. HELD, L.S. LIC. NO. 24267 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

SAYBROOK ROAD (ROUTE 154)



LEGEND

- MONUMENT RECOVERED
- SIGN
- UTILITY POLE
- EXISTING FENCE
- EXISTING TREE LINE
- - - EXISTING INDEX CONTOUR
- - - EXISTING CONTOUR

ENGINEER	DATE
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Provost & Rovero, Inc.
 Civil Engineering • Surveying • Site Planning
 Structural • Mechanical • Architectural Engineering
 57 East Main Street, P.O. Box 191
 Plainfield, Connecticut 06374
 (860) 230-0856 - FAX: (860) 230-0860
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 www.provostinc.com

FELLNER ASSOCIATES ARCHITECTS
 15 MAIN STREET,
 EAST HADDAM, CONNECTICUT 06423
 TEL (860) 873-8230

GENERAL LOCATION SURVEY
 EXISTING CONDITIONS & DEMOLITION PLAN
 PREPARED FOR
TOWN OF HADDAM
HADDAM SENIOR CENTER
 SCHOOL HOUSE LANE & SAYBROOK ROAD (ROUTE 154)
 HADDAM, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

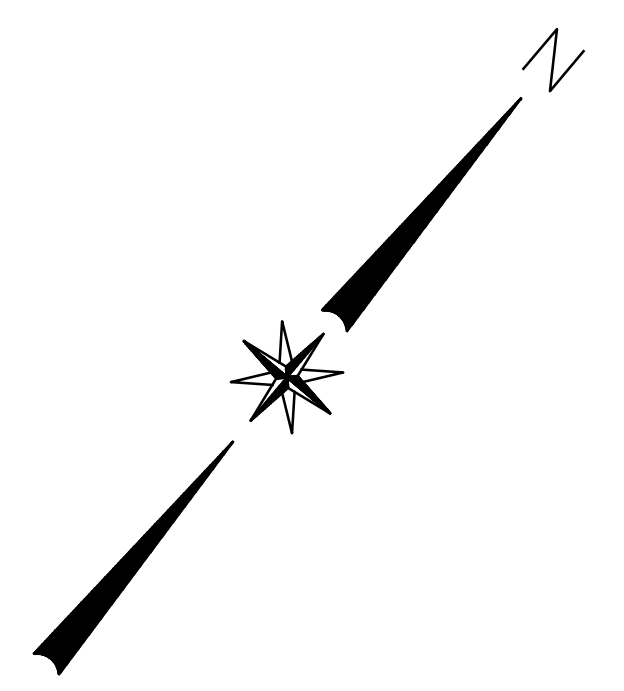
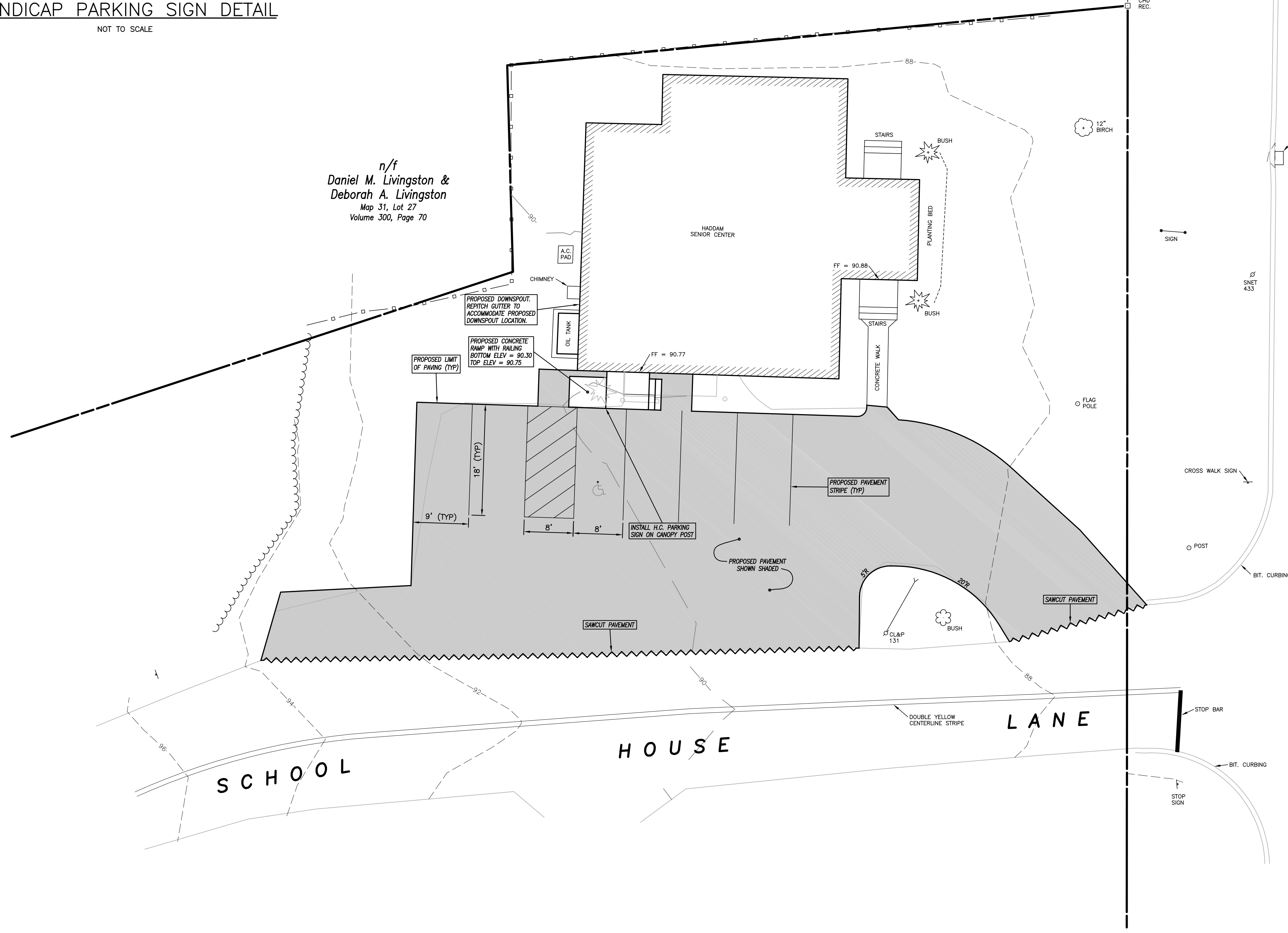
DATE: 8/22/2016	DRAWN: DJH
SCALE: 1" = 10'	DESIGN: DJH
SHEET: C-1.0	CHK BY: ---
DWG. No: HF 293	JOB No: 163056



HANDICAP PARKING SIGN DETAIL
NOT TO SCALE

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Deborah A. Livingston
Map 31, Lot 27
Volume 300, Page 70

n/f
Daniel M. Livingston &
Deborah A. Livingston
Map 31, Lot 27
Volume 300, Page 70



SAYBROOK ROAD (ROUTE 154)

CONSTRUCTION NOTES:

1. Prior to the start of any construction, contact CALL BEFORE YOU DIG at 1-800-922-4455 to verify the location of utilities.
2. References hereon to "Standard Specifications" refers to "State of Connecticut Department of Transportation - Standard Specifications for Roads, Bridges and Incidental Construction - Form 816 - 2004" as amended.
3. After the removal of existing bituminous concrete pavement, the gravel base shall be proof rolled. Any soft or yielding areas shall be repaired with processed gravel. Gravel shall be installed in loose lift thicknesses to allow thorough compaction with the equipment utilized. For hand operated compaction equipment, loose lift thicknesses shall not exceed 6". For a vibratory roller, loose lift thicknesses shall not exceed 12".
4. The contractor shall supply processed gravel base as necessary for minor areas of regrading or to supplement existing gravel base. Processed gravel shall conform to the requirements of Section M.05.01 of the Standard Specifications.
5. Proposed bituminous concrete paving shall consist of 1.5" of Class 1 binder followed by 1.5" of Class 2 top course. All course thicknesses are for compacted in place pavement. Bituminous concrete shall conform to the requirements of Section M.04 of the Standard Specifications.
6. The approximate quantity of pavement removal and replacement is 4,150 S.F.
7. The contractor shall provide adequate traffic control throughout the project.
8. The contractor shall provide temporary fencing, barricades or other measures to secure dangerous work areas at the end of each work day.
9. Any sediment, gravel, pavement or other debris tracked onto public roads shall be promptly swept clean and disposed of by the contractor.
10. The contractor shall secure all necessary permits for the proposed work including a ConnDOT encroachment permit.

LEGEND

- MONUMENT RECOVERED SIGN
- UTILITY POLE
- EXISTING FENCE
- EXISTING TREE LINE
- 100- EXISTING INDEX CONTOUR
- 102- EXISTING CONTOUR

ENGINEER	DATE
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Provost & Rovero, Inc.
Civil Engineering • Surveying • Site Planning
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57 East Main Street, P.O. Box 191
Plainfield, Connecticut 06374
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EAST HADDAM, CONNECTICUT 06423
TEL (860) 873-8230

PROPOSED SITE PLAN
PREPARED FOR

**TOWN OF HADDAM
HADDAM SENIOR CENTER**
SCHOOL HOUSE LANE & SAYBROOK ROAD (ROUTE 154)
HADDAM, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 8/22/2016	DRAWN: DJH
SCALE: 1" = 10'	DESIGN: DJH
SHEET: C-2.0	CHK BY: ---
DWG. No: HF 293	JOB No: 163056

GENERAL NOTES:

- DIMENSIONS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
- REMOVE ALL REBAR FROM EXISTING CONCRETE FOUNDATION.
- DO NOT SCALE DRAWING. USE DIMENSIONS AS SHOWN.
- PATCH & FINISH ALL FLOOR, WALL, CEILING SURFACES AS NEEDED FOR SMOOTH FINISH.
- OBTAIN ALL NECESSARY APPROVALS FROM DEPTS. OF ZONING, BUILDINGS & AIR OTHER AGENCIES HAVING JURISDICTION REGARDING ALL PERMITS PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CT STATE BLDG. CODE, CT STATE CODE OF REGULATIONS, ETC. AND ALL APPLICABLE CODES, REGULATIONS, ETC. OF THE TOWNS, ARE INTENDED TO COVER ALL MATERIALS & LABOR FOR A COMPLETE JOB & A SATISFACTORY COMPLETION OF THE WORK.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVE TREATED.
- PROVIDE HOISTING-RESISTANT GABLE IN ALL NET AREAS.
- PROVIDE 1" MINIMUM CONCRETE OVER ALL REBAR.
- ALL CONSTRUCTION SHALL BE GUARANTEED FOR ONE FULL YEAR AFTER COMPLETION.
- REMOVE ALL DEBRIS FROM SITE.
- PUMPING, HVAC, & ELECT. CONTRACTORS SHALL SECURE PERMITS, AS PER LOCAL REGULATIONS.
- STRUCTURAL WOOD FRAMING DOUGLAS FIR NO. 2 UNOL.
- VERIFY ALL DIMENSIONS, INCLUDING VERTICAL DIMENSIONS, PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO FABRICATE ALL BUILT-IN AREAS, AS APPLICABLE, AS PER OWNERS INSTRUCTIONS.
- ALL CLOSETS TO HAVE RODS & SHELVES. HEIGHTS OF ALL SHELVES TO BE DETERMINED BY OWNER.

BLDG SYSTEM NOTES (AS APPLICABLE)

- PLUMBING:**
- ALL PLUMBING WORK SHALL BE PERFORMED IN STRICT COMPLIANCE W/ CT STATE BLDG. & PLUMBING CODES, AS PER LOCAL REQUIREMENTS.
 - PROVIDE & INSTALL ALL NEW FIXTURES, FITTINGS, PIPING, VENTING, TRAYS, CLEANOUTS, VALVES, INSULATION, ETC. FOR A COMPLETE JOB. INSTALL ALL PIPING IN UNHEATED SPACES. WASTE LINE PIPING SHALL BE PVC, 3" FROM WATER CLOSETS, 1 1/2" FROM OTHER FIXTURES, & 4" TO MAIN.
 - ALL PIPING SHALL BE PROPERLY FITTED & VALVED FOR DRAINAGE OF SYSTEM.
- HVAC:**
- ALL HVAC WORK SHALL BE PERFORMED IN STRICT COMPLIANCE W/ CT STATE BLDG. & FIRE CODES, NEC, STATE, FEDERAL, ETC. AND AS PER LOCAL REQUIREMENTS.
 - REMOVE ALL EXISTING MECH. EQUIPMENT TO AND AS PER LOCAL REQUIREMENTS.
 - PROVIDE & INSTALL ELECTRICAL SYSTEM INCLUDING LIGHTS.
 - ELECTRICAL SERVICE SHALL BE OF SUFFICIENT CAPACITY TO ACCOMMODATE SYSTEM.
 - LOCATE ALL OUTLETS AS PER PLANS AND AS REQUIRED BY CODE.
 - ALL SWITCHES, OUTLETS, ETC. IN NET AREAS TO BE GFI TYPE.
 - USE (C-RATED RECESSED LIGHTING FIXTURES) (AS REQUIRED) WITH CEILING INSULATION APPLICATIONS).
- ELECTRICAL:**
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE W/ CT STATE BLDG. & FIRE CODES, NEC, ETC. AND AS PER LOCAL REQUIREMENTS.
 - PROVIDE & INSTALL ELECTRICAL SYSTEM INCLUDING LIGHTS.
 - ELECTRICAL SERVICE SHALL BE OF SUFFICIENT CAPACITY TO ACCOMMODATE SYSTEM.
 - LOCATE ALL OUTLETS AS PER PLANS AND AS REQUIRED BY CODE.
 - ALL SWITCHES, OUTLETS, ETC. IN NET AREAS TO BE GFI TYPE.
 - USE (C-RATED RECESSED LIGHTING FIXTURES) (AS REQUIRED) WITH CEILING INSULATION APPLICATIONS).

GENERAL NOTE:

THIS PROJECT INCLUDES HISTORIC BUILDINGS REQUIRING APPROVAL BY THE STATE HISTORIC PRESERVATION OFFICE (SHPO). ALL CONSTRUCTION MUST CONFORM TO SHPO REQUIREMENTS AND GUIDANCE.



CODE DATA

- Connecticut State Building Code 2011:
- 2012 International Building Code
 - 2012 International Mechanical Code
 - 2012 International Plumbing Code
 - 2012 International Existing Building Code
 - 2014 NFPA 101, National Fire Protection Code
 - 2014 NFPA 101, National Fire Protection Code
 - 2012 International Energy Conservation Code
 - 2016 Connecticut Amendments

- Connecticut Fire Safety Code 2011:
- 2012 International Fire Code
 - 2012 NFPA 101, Life Safety Code
- CONNECTICUT STATE BUILDING CODE SUMMARY & CONFORMANCE NOTES
- 2012 International Existing Building Code and CT Amendments apply
- Scope of work conforms to Level 2 Alterations.

- A. Classification
- Use Group(s)
- A-3 - Community Halls
- No change of use. The scope of work is to include new Accessible ADA Ramp to ADA Accessible
- Type of Construction: V-B (Assumed existing building)
- Height & Area Limitation: 1 Stories, 6,000sf Table 503

Existing Existing Building Total Gross Building Area: 2,118 sf

Risk Category 2 per Table 1604.5

Exposure Category B per Table 1604.4.3

B. Fire Resistance Ratings of Building Elements (R_{fy}) Table 601

- | | |
|---|---|
| Structural Frame including columns & beams | 0 |
| Beaming walls, exterior | 0 |
| Non-bearing walls, exterior | 0 |
| Floor construction including beams and joists | 0 |
| Roof construction including beams and joists | 0 |

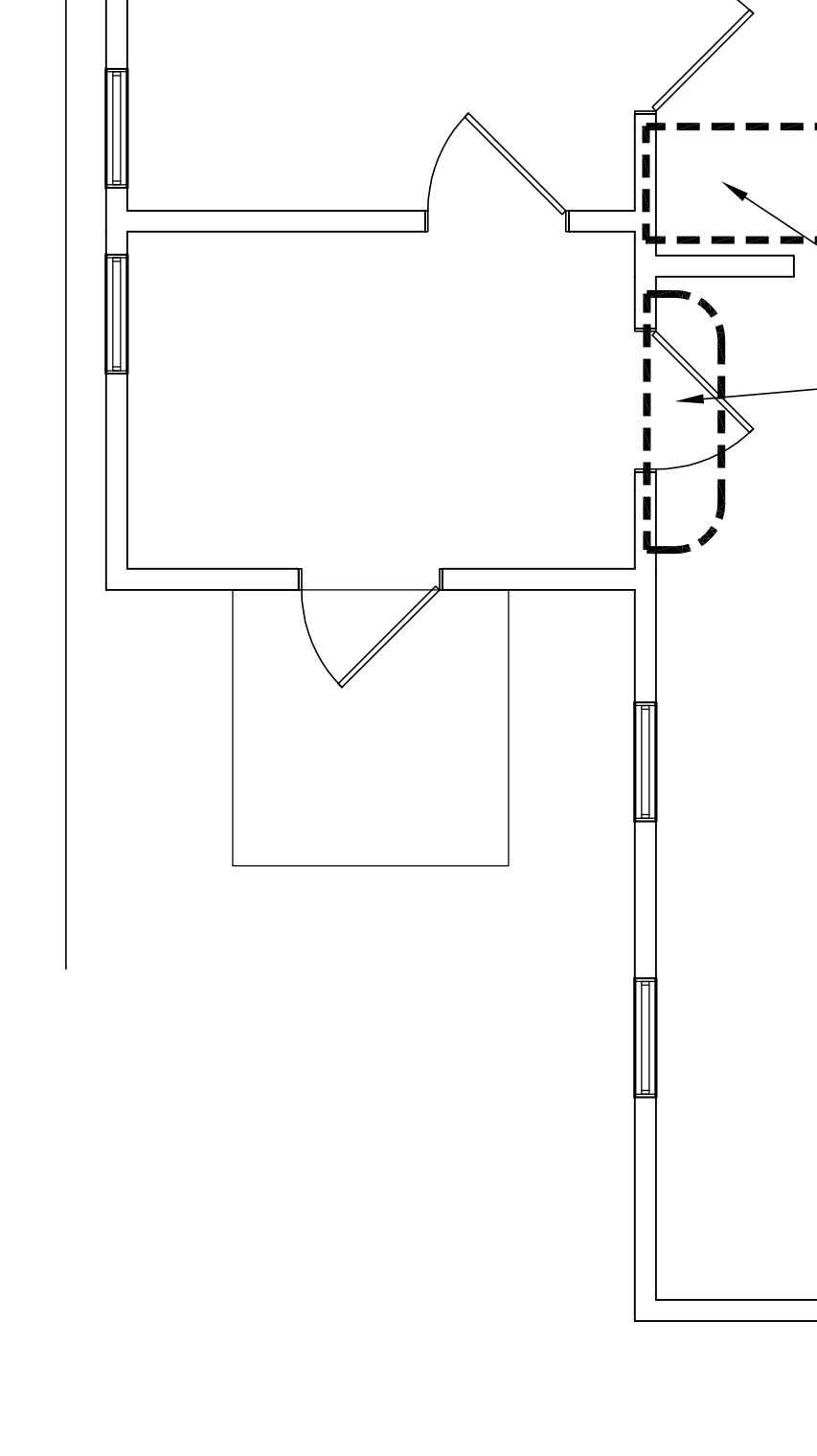
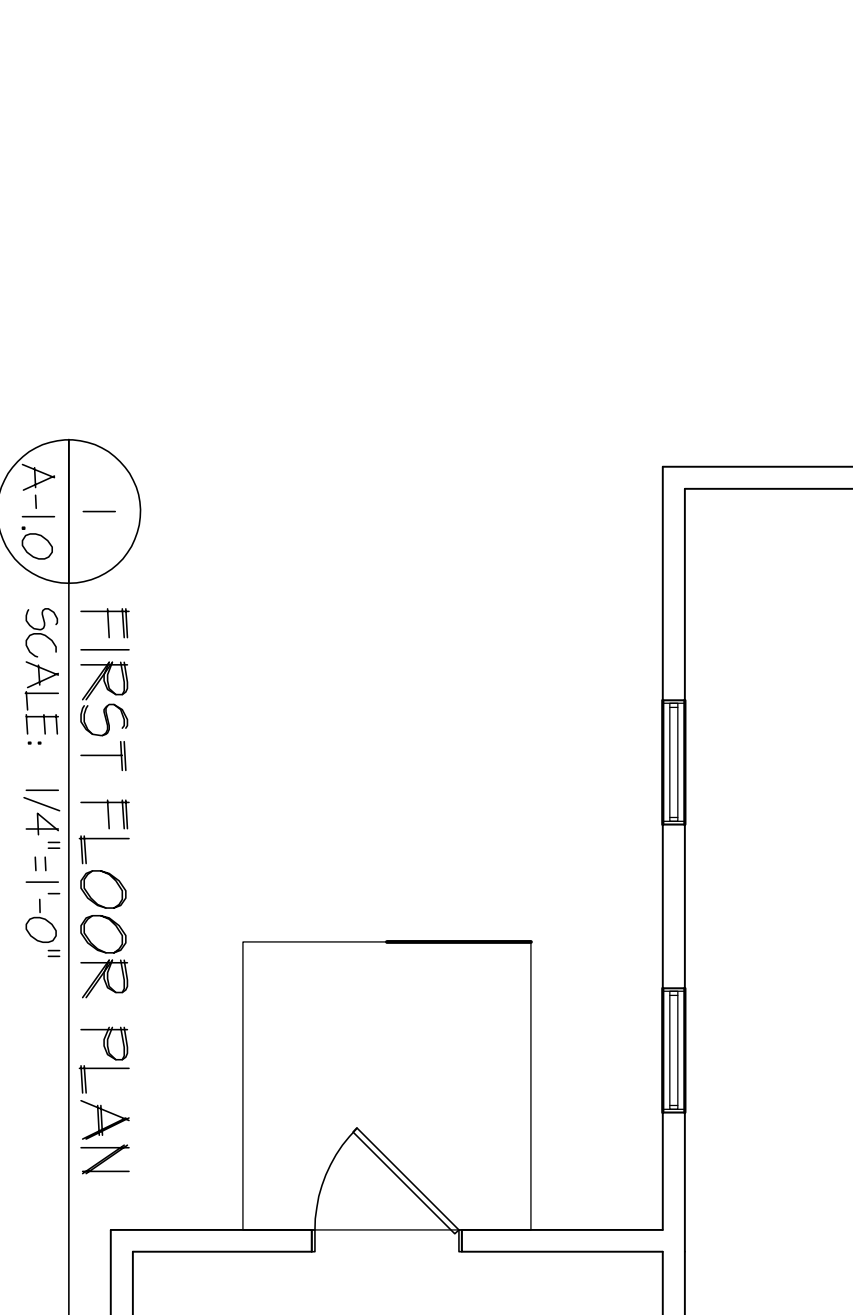
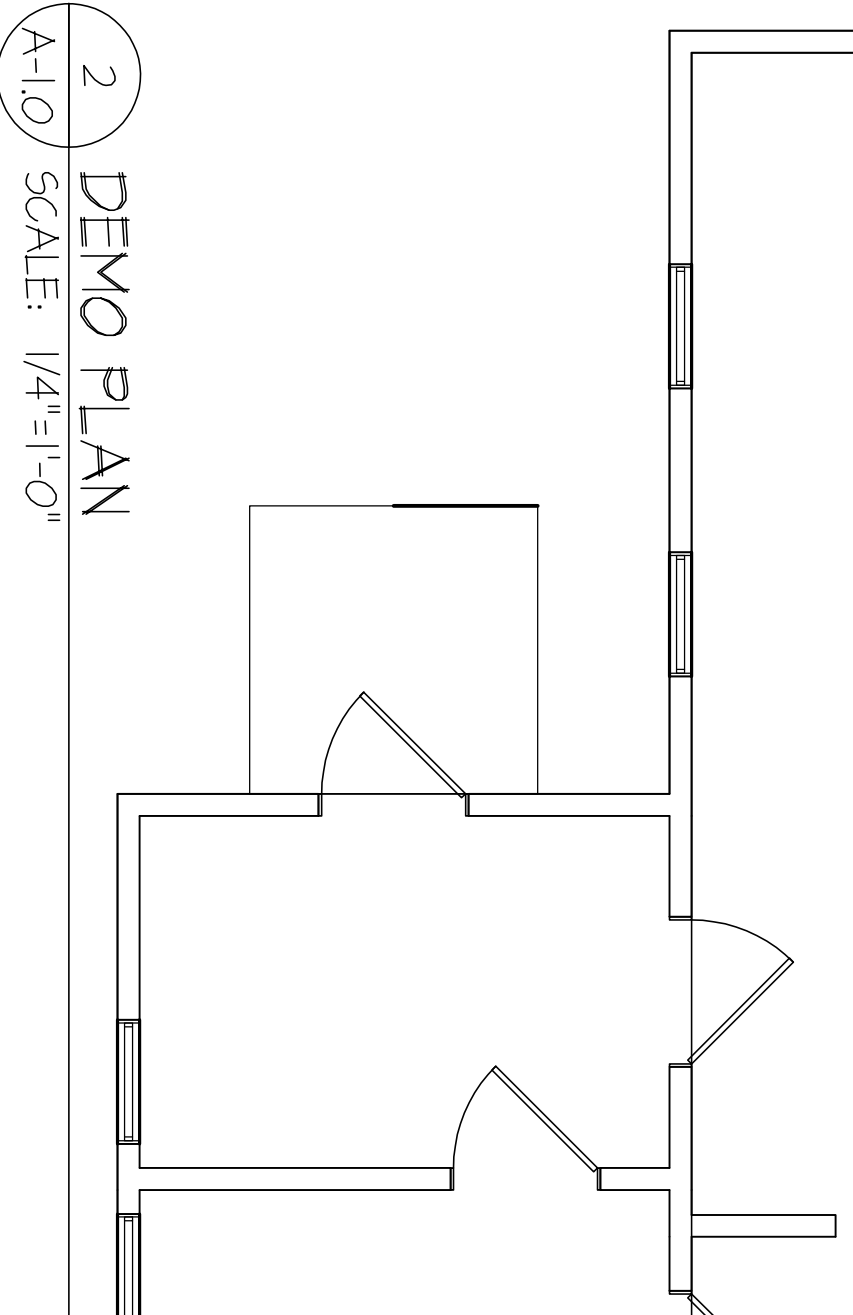
C. Required Separation of Occupancies (R_{fs}) Table 503.4

None as per 503.3.3

D. Bathroom Fixtures As per Table 2802.1

A-3 - Assembly Gathering spaces without permanent seating (EXISTING);

EXISTING	REQUIRED	PROVIDED
WATER CLOSETS	Male/Female - 1/65	43 Occupants = 2 Req. 2
LAVIDERES	Male/Female - 1/200	43 Occupants = 1 Req. 2



REVISIONS:

11/9/17	
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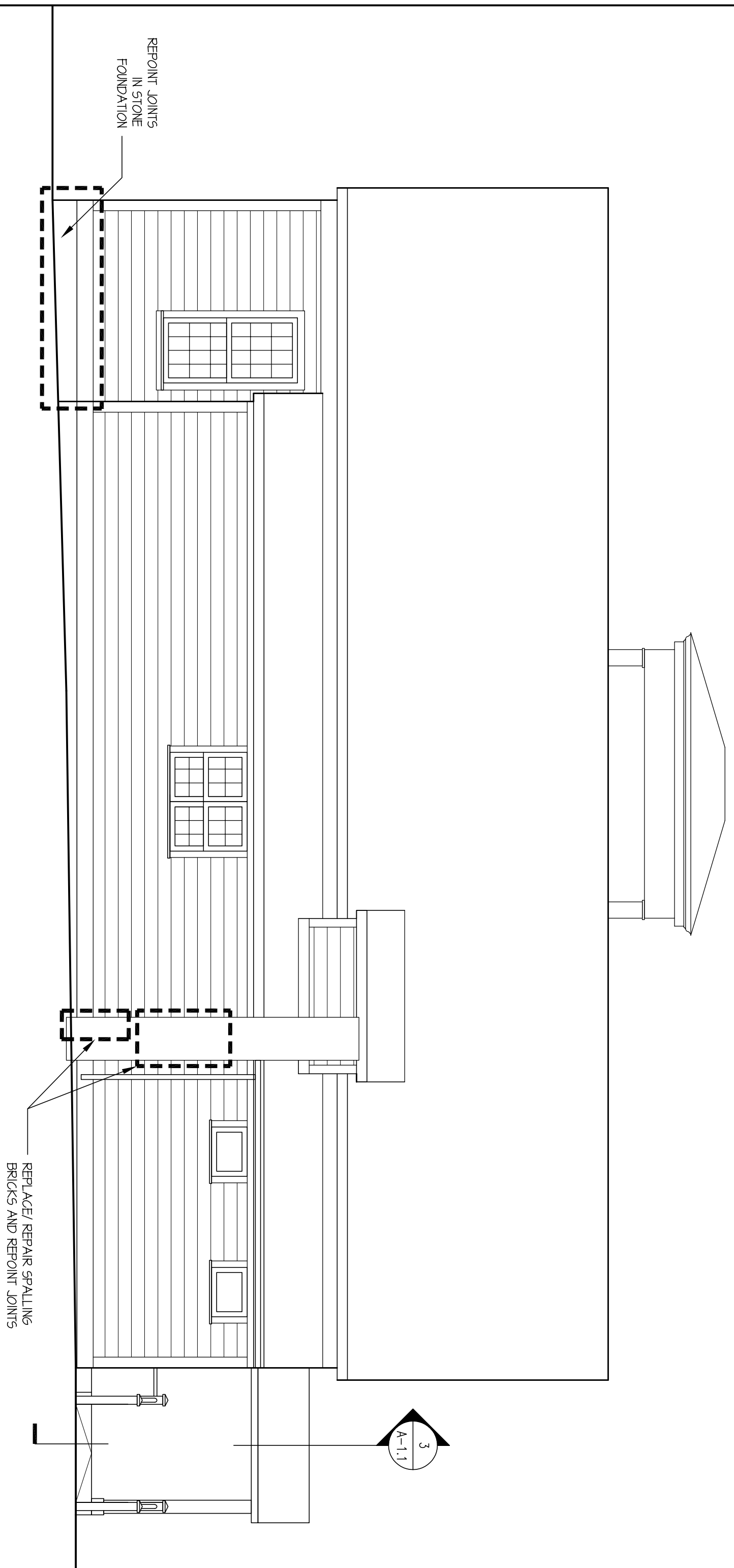
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DATE: 07/05/16
SCALE: 1/4" = 1'-0"
SHEET NO.: A-1.0

PROJECT NAME: HADDAM SENIOR CENTER
 923 SAYBROOK ROAD, HADDAM, CT 06438

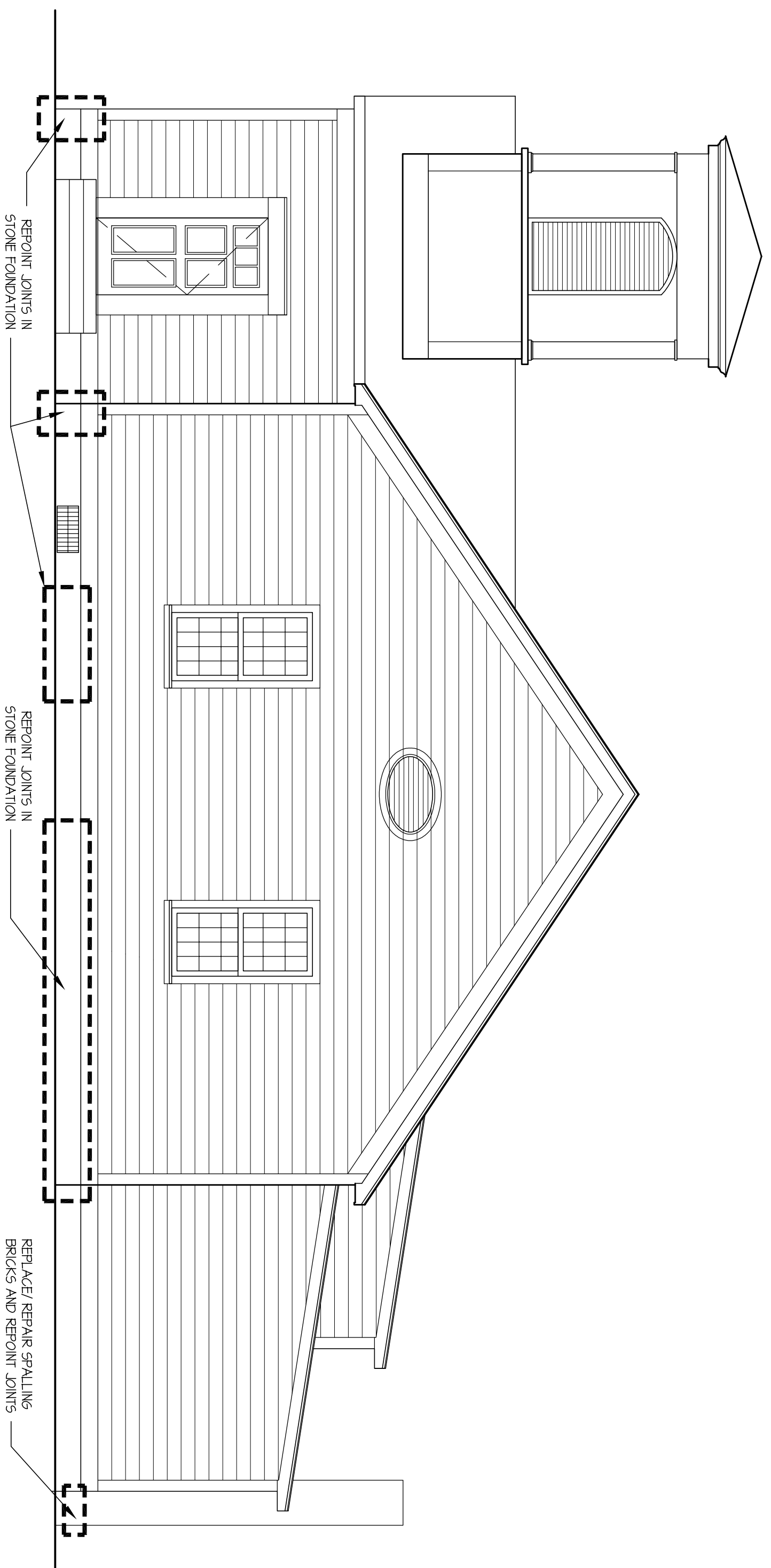
SHEET NAME: FLOOR PLANS
 NOTES AND SCHEDULES

FELLNER ASSOCIATES ARCHITECTS

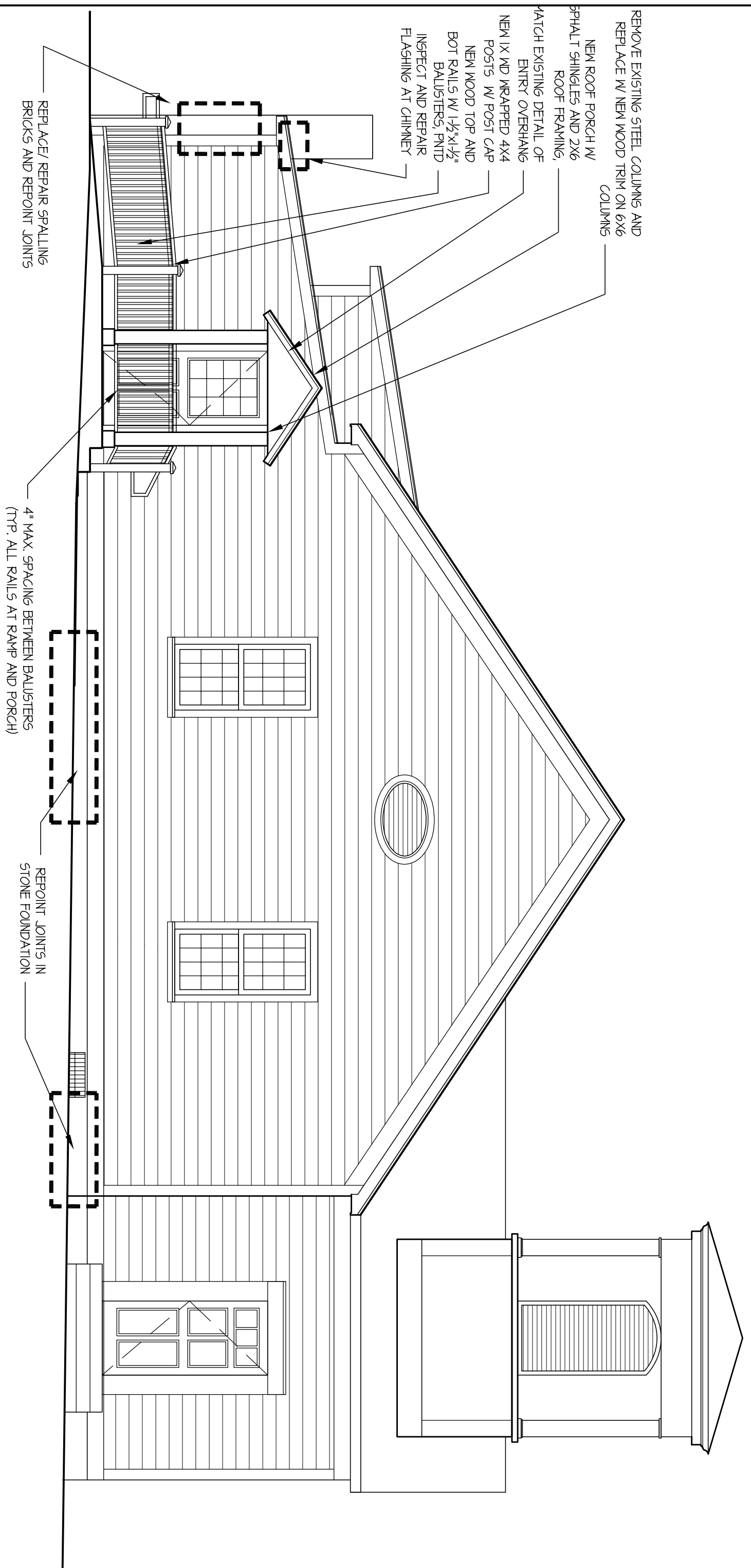
15 MAIN STREET
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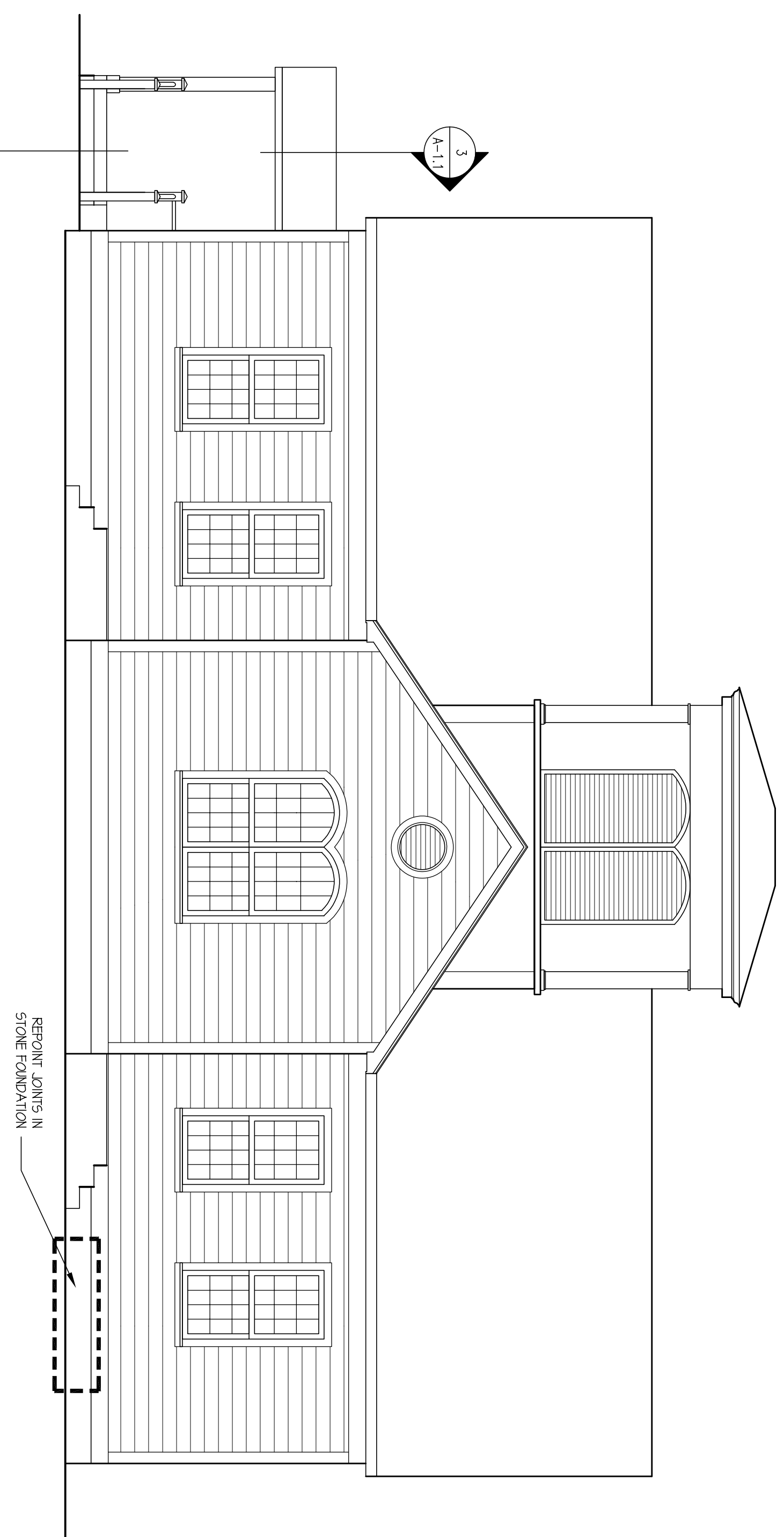
4 ELEVATION
A-2.0/ SCALE: 1/4"=1'-0"



3 ELEVATION
A-2.0/ SCALE: 1/4"=1'-0"



2 ELEVATION
A-2.0/ SCALE: 1/4"=1'-0"



1 ELEVATION
A-2.0/ SCALE: 1/4"=1'-0"

REVISIONS:
11-9-17

F A A
FELLNER
ASSOCIATES
ARCHITECTS
15 MAIN STREET
EAST HADDAM, CT 06423
TEL (860) 873-8230

PROJECT NAME :
HADDAM SENIOR CENTER
923 SAYBROOK ROAD, HADDAM, CT 06438

SHEET NAME :
ELEVATIONS

PROJECT NAME :
SHEET NAME :

JOB NO. : 1613
DRAWN BY : WJD
SCALE : 1/4" = 1'-0"
DATE : 07/09/16
SHEET NO. : A-2.0

3-28-11
11-9-17

SPECIFICATIONS AND NOTES

- 12. ROOFING**
- A. Materials**
- 30 year Architectural Fibreglass asphalt shingles by GAF, Geo-grip Redfish, Bird or approved equal. Match existing comply with ASTM D2462 or D2222, use light-colored shingles.
 - Use gypd roof membrane by RBC Gravel (all roofs less than 5:12) (also see details for locations).
 - Color-coded roofing nails.
 - Aluminum drip edges, gulliam roof and wall flashing as required. Ridge and eave vents (See section 13, Flashing and Sheet Metal).
- B. Execution**
- Use gypd roof membrane shall be installed at valleys and crickets, 3/8" wide rolled into valleys, 1/8" lap dove crickets, and at eaves. Extend membrane 2" beyond interior face of studs, UO/L.
 - Install roof shingles as per manufacturer's instructions over 15# felt. Use 6 nails per shingle as per code.
 - For roof slopes less than 4:12 (if applicable), provide strip asphalt shingles and resilient w/ factory applied adhesive). Lockwater shield & cemented eave flashing as per code.
- 13. FLASHING AND SHEET METAL**
- A. Materials**
- Aluminum Flashing for typical roof wall, door, sill, valleys and cricket conditions. Flash all joints between materials, at all openings, breaks in building envelope, & changes in roof pitch as applicable.
 - Ridge Vent shall be Cor-A-Vent. Cover with metal roofing system.
 - Soffit vents shall be 2" continuous aluminum screen vent at all roof overhang conditions (U/L). See sections/details.
 - Aluminum drip edge at all roof edge conditions.
 - Roof/nail vents shall be Flash Filter-vent by Air Vent, Inc. (if applicable).
 - Fasteners, same metal as fasten/flash metal or other non-corrosive metal as recommended by sheet metal supplier. Hide/nail finish of exposed heads and heads all being stainless.
- B. Execution**
- Coat back-side of aluminum flashing with a saphir free bitumens coating where required to separate masts from concrete substrata or provide permanent separation.
 - Flash all roof breaks, intersects with wall, valleys, penetrations and chimneys, as required with step flashing etc.
 - Provide closed valleys (overlapping shingles).
 - Install all ridge vents, soffit vents, drip edges, fasteners, etc. for a complete job.
 - Caulk and seal all exterior joints around windows, misc. openings & penetrations, as applicable. Weatherstrip as required.
- 13. EXTERIOR SIDING**
- A. Materials**
- Sliding cedar wood siding.
 - Ax Millidation Barrier, Tyvek, manufactured by DuPont.
 - Nails: galvanized.
- B. Execution**
- Prepion covering to maximize alignment with door, window and other trim.
 - Sealants, stains, etc. as per Division 4.
 - Install joints level, straight and true with no distortions. All joints are to be tight and tight allow for movement due to potential temperature & humidity changes.
 - Follow manufacturer's guidelines & installation instructions.

- B1. DOORS**
- Notes: There is no new window/door/window work for this project.
- See Door Schedules for all types & sizes. See Floor Plans for referenced locations.
 - The Owner shall approve all door hardware prior to ordering.
 - Door glazing glazing locking doors within 12" glazing within 1/8" of finish floor and over 4 sq. and glazing adjacent elevation platforms shall be safety glass per requirements of the State of CT Building Code.
- A. Materials**
- Verify Doors to match Existing. Use clear double-pane insulating low E glass for doors. Exterior vinyl clad (color by Owner), with true divided lites & insect screens. Provide jamb extensions, installation clips, etc. as required for a complete job.
 - Provide & install all hardware, locks, etc. for a complete job. Owner to approve selections.
- B. Execution**
- Install units plumb and level per manufacturer's instructions.
 - Strip all door openings with 15# felt or Tyvek fold inside roof openings before installing units.
- 91. GYPSUM BOARD**
- A. Materials**
- 1/2" Gypsum Board, typical walls and ceilings. 5/8" Gypsum Board. Only if trusses are at 24".
 - Moisture Resistant Gypsum Board. All Bathroom walls & ceilings, Kitchen and Laundry Rm. walls at sinks and any other areas subject to exposure or potential moisture.
 - 5/8" Friezole Gypsum Board. Garage and Billiy Rm. (if applicable) walls and ceiling.
- B. Execution**
- All gypsum board shall be screwed to wood structural members as per CT State Building Code requirements.
 - Gypsum board shall be fitted with all corner and coping beads for a complete installation.
 - Typical finishing joint tape compound over screws and joint tape compound and tape over joints between gypsum panels. Compound shall be applied in 3 coats.
 - Apply all new gyp. lsd with existing wall & ceiling finish surfaces for a continuous finish. Tape, spackle, sand & paint all new surfaces, including finished existing areas.
- 93. WOOD FINISH ON FLOORS (as applicable)**
- A. Extent: See plans.**
- B. Materials**
- Oil Stain. Minwax or equal.
 - Weather: Water borne Pacific Strong or equal.
- C. Execution**
- Wood floors shall be sanded and stained with oil base stain (2 coats). Color to be selected by Owner. Finish over stain shall be weather (3 coats). Sand lightly between coats.
- 94. PAINTING**
- A. Extent: Exterior facia, soffits and trim of new porch only and interior woodwork, walls and ceilings of modified areas only.**
- B. Materials (as applicable)**
- Exterior stains and preservatives: Cabot, Olympic or equal.
 - Exterior trim primer: Pittsburgh Paints (Galek or oil based).
 - Exterior trim paint: Pittsburgh Paints (Galek or oil based).
 - Covering stain primer: Sherwin Williams (Korona and Trazzo water).
 - Covering stain primer: Sherwin Williams (Korona and Trazzo water).
 - Interior walls, ceilings & trim primer & paint: Pittsburgh Paints.
 - Natural interior woodwork finish: Wood stain & wax finish by Minwax or equal.
- C. Execution**
- Provide samples for Owner's approval prior to ordering.
 - Exterior soffits, trim, doors, decks, porches, railings, and fascias, etc. to receive one coat primer and two coats of paint.
 - Interior paint finish: one coat of primer and two coats of paint for all wood trim (designated to be painted), interior doors, windows & columns, and gyp. lsd walls & ceilings, in new areas.
 - In existing areas to be mechanical sand down peeling areas & prepare all surfaces as required then paint interior walls & ceilings one coat primer and one coat flat. If existing surfaces are in good shape, one coat flat may be sufficient. Verify with Owner.
- EXTERIOR WORK: All trim, fascias and soffits of new porch as entry.**
- INTERIOR WORK: All trim, fascias and doors/trim within areas modified and affected by the renovations.**

- Natural interior woodwork finish: O-2 coats of stain and 1-2 coats of wax polished as determined by Notes:
 - All surfaces to receive a finish if nature about type, check with Owner.
 - Alternate paint, stain or preservative products require prior approval.
 - If Contractor proposes less coats than specified, call attention within bid.
- B50. MECHANICAL**
- All painting, heating & air conditioning work shall be fully integrated. The resulting systems shall be fully operational and in perfect working order.
 - Piping & HVAC subcontractors shall secure separate permits for their work, as per Town requirements.
 - Piping & HVAC subcontractors shall provide all labor & material for a complete job. All material shall be UL approved.
- B51. PLUMBING**
- All plumbing work shall be performed in strict compliance with CT State Building & Piping Codes and any other applicable codes, ordinances & regulations of the Town of Haddam and local Dept. of Public Works & Health.
 - Equipment (as applicable)
 - All fixtures, as per plans.
 - All piping, fittings, valves, etc.
 - Hot Water Heater (vented).
 - Execution
 - Provide Owner with manufacturer's specifications & manuals for fixtures and equipment.
 - Pumbing subcontractor shall check entire pumbing system and report/replace components as may be needed (gyp piping where required, secure supply waste & vent piping to new fixtures. Ensure proper pitch for waste lines) connecting to existing building waste piping.
 - Pumbing subcontractor shall check existing water service, etc. for capacity and proposed requirements, be required (Verify w/ owner).
 - Plumbing subcontractor & estimator of costs: Check hot water heater, storage, etc. replace equipment as may be required. (Verify w/ owner).
 - Install all pumbing fixtures and fittings. Installation shall include all necessary water distribution piping, venting of fixture groups, traps, drain piping, as well as misc. hot/water, showers, clips, etc. for a complete installation.
 - The pumbing fixtures are subject to final approval by the Owner before ordering. Provide cuts, lyses, colors, etc. for Owner's review and selection.
 - Supply piping shall be copper, 1/2" to each fixture and 3/4" to each fixture group, as required by code. Includes all piping not located in heated spaces, especially below conc. slab.
 - Make the piping shall be PVC, 3" from water closets, 1/2" from other fixtures, and 4" to mop or as required by code.
 - Vent rears shall be installed throughout the system connecting to the waste lines and carried through roof (gyp or fiberglass). Locate roof vents per Owner's approval.
 - Provide non-freeze type exterior spigots (if applicable).
 - Obstructions shall be installed at the end of each horizontal run, at each branch connection, and at base of all vertical stacks, same size as pipe being served.
 - Arrange hot water supply piping for adequate circulation.
 - All piping shall be properly pitched and valued for drainage of system.
 - Provide and install all programs gas piping & back-up for gas water heater, kitchen cooktop & dryer, (if applicable) with strict compliance with applicable codes, ordinances, and Town requirements.
 - All work shall be guaranteed for one full year after date of acceptance by Owner.

- B61. ELECTRICAL**
- All electrical work shall be fully integrated into other systems. The resulting system shall be fully operational and in perfect working order. The Electrical Subcontractor shall secure separate permits for his work. All electrical work shall be performed in strict compliance with the NEC, CT State Building & Fire Codes, as well as any other applicable codes, ordinances and regulations. All material shall be UL approved.
 - The electric service shall be of sufficient capacity to meet the needs of this project. Electrical Subcontractor shall provide any and all calculations as may be requested by the Utility Co. or the Town of Haddam. Verify 200 amp service.
 - Electrical Subcontractor shall provide all labor & material for a complete job.
 - Equipment & systems (as applicable)
 - Lighting fixtures, lamps, including dimming switches, dimmers, outlets & plates.
 - GFI outlets.
 - Power wiring for all mechanical equipment.
 - Exhaust fans, wiring & controls.
 - Circuit breaker panel, disconnect, sub-panels, and electric meter.
 - Telephone wiring.
 - Execution
 - Secure all necessary permits.
 - Electrical subcontractor shall check capacities of existing electrical system in terms of existing electrical loads and proposed new electrical loads, using initial investigation & estimating of costs.
 - Electrical subcontractor shall completely check all light fixtures, switches, outlets, wiring panel box, and misc. electrical components. (also request inspections) as may be required.
 - Incorporate existing light fixtures, switches, outlets and corresponding circuits with proposed alterations. Relocate components as may be required, and remove all obsolete components. Add new components as needed.
 - Electrical, TV, & Telephone service (as may be applicable) to be buried in PVC conduit, as per code, from existing street utilities.
 - Electrical contractor shall determine the number of circuits required for each operation.
 - Provide Owner with manufacturer's instructions, manuals, etc. for equipment.
 - Final location of switches, phone jacks, receptacles, thermostats, & fixtures shall be confirmed with the Owner at the job site. All switch groups shall be grouped according to the drawings in boxes with single cover plates.
 - Locate all outlets as shown on drawings, as per code requirements.
 - Provide & install GFI's at Kitchen, Laundry Rm., Bathroom, garage, exterior areas, etc. as required by code.
 - Plates, switches & colors to be approved by Owner. Submit samples for approval.
 - Check with Owner for telephone locations.
 - Finish & install direct wired COV smoke detectors (w/ battery backup) & hard-wired carbon monoxide detectors (w/ battery backup) as required by code, as shown on plans.
 - Install telephone wiring before enclosing walls. Coordinate hookup with phone service.
 - All work shall be guaranteed for one full year after date of acceptance by Owner.
 - Install thermostat wiring before enclosing walls. Coordinate ordinals with HVAC Subcontractor.
 - Electrical subcontractor shall provide Owner with selection cuts for electrical fixtures & components, other choices.
 - Install all wiring starters, switches, etc. for mechanical & other systems, as required. Coordinate with GC, & other trades.

JOB NO. : 1813
 DRAWING NO. : 1813
 SCALE : 3/8" = 1'-0"
 DATE : 07/09/16

SHEET NO. : SP-11

PROJECT NAME : **HADDAM SENIOR CENTER**
 923 SAYBROOK ROAD, HADDAM, CT 06438

SHEET NAME : **SPECIFICATIONS**

FELLNER ASSOCIATES ARCHITECTS
 15 MAIN STREET
 EAST HADDAM, CONNECTICUT 06423
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