

A

B

C

D

E

BEAM SCHEDULE

E.W.B. = ENGENDERED WOOD BEAM

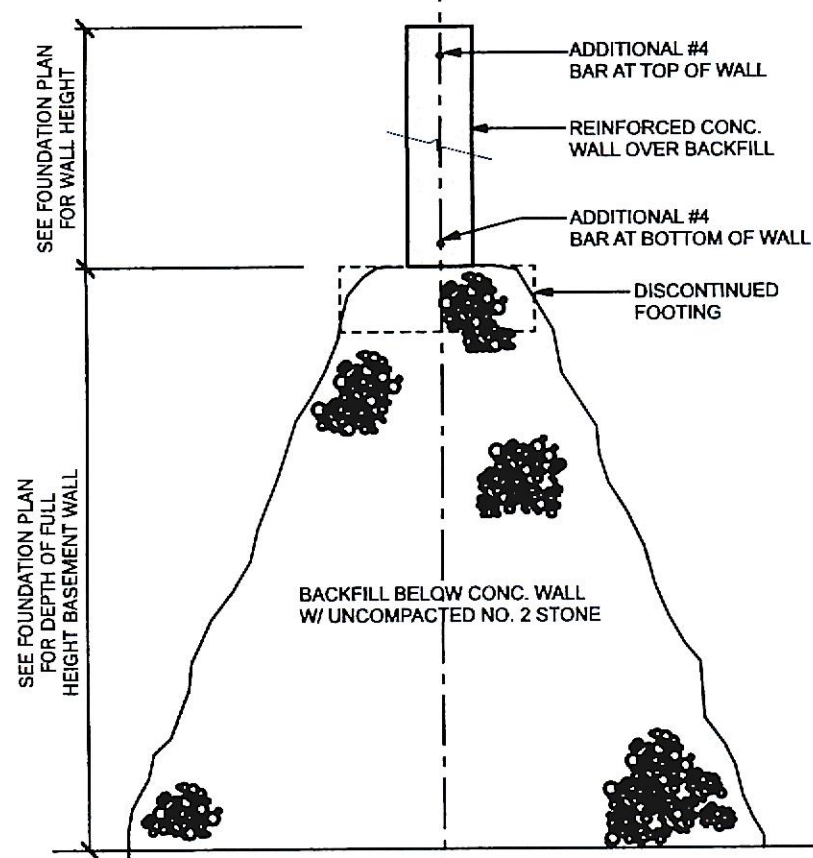
| BEAM | LOCATION | SIZE | SPAN | NOTES |
|------|---------------------|-------------------------|----------------|------------------------------------|
| A | BASEMENT | W8x18 | 16'-0" | |
| B | BASEMENT | W10x22 | MULTIPLE SPANS | |
| C | | DELETED | | |
| D | BASEMENT | W8x18 | 14'-6" | |
| E | BASEMENT | W8x18 | 14'-6" | |
| F | GARAGE | 3-1/2" x 11-1/4" E.W.B. | 22'-0" | APA BEAM |
| G | KITCHEN | W10 x 22 | 16'-0" | FLUSH BEAM W/ STEEL COLUMNS @ E/E |
| H | DINING ROOM | W10 x 22 | 14'-6" | FLUSH BEAM W/ STEEL COLUMNS @ E/E |
| J | LIBRARY | W10 x 22 | 14'-6" | FLUSH BEAM W/ STEEL COLUMNS @ E/E |
| K | GREAT ROOM | 2 - 1-3/4"x11-7/8" LVL | 9'-6" | FLUSH BEAM BY FLOOR JOIST SUPPLIER |
| L | GREAT ROOM | 3-2x10 HDR. | 6'-0" | |
| M | KITCHEN | 2 - 2x6 HDR. | 3'-6" | |
| N | FOYER | 5-1/2" x 9-1/4" E.W.B. | 9'-0" | |
| P | GREAT ROOM | 3-1/2" x 9-1/4" E.W.B. | 9'-0" | |
| Q | BUTLER'S PANTRY | 3-1/2" x 9-1/4" E.W.B. | 2'-6" | |
| R | KITCHEN | 2 - 2x10 HDR. | 9'-0" | |
| S | COVERED PORCH | 3-2x8 HDR. | 10'-6" | |
| T | SOUTH COVERED PORCH | 3-1/2" x 9-1/4" E.W.B. | 15'-0" | |
| U | NORTH COVERED PORCH | 3-1/2" x 9-1/4" E.W.B. | MULTIPLE SPANS | |
| V | NORTH COVERED PORCH | 3-1/2" x 9-1/4" E.W.B. | 11'-0" | |
| W | BEDROOM 202 | 1-3/4"x11-7/8" LVL | 7'-0" | FLUSH BEAM BY TRUSS SUPPLIER |
| X | GREAT ROOM | 2 - 1-3/4"x11-7/8" LVL | 18'-6" | FLUSH BEAM BY FLOOR JOIST SUPPLIER |
| Y | BASEMENT | 2 - 1-3/4"x11-7/8" LVL | 6'-0" | FLUSH BEAM BY FLOOR JOIST SUPPLIER |

DO NOT USE LENGTHS TO ORDER BEAMS. ENGINEERING USE ONLY

- IF ALT. BEAMS ARE TO BE SELECTED VERIFY ANY CLEARANCE ISSUES CAUSED BY ALTERNATE BEAM PRIOR TO ORDERING.
- ALL FLUSH BEAMS SHOWN ON ARCHITECTURAL PLANS THAT ARE NOT LISTED ON THIS SCHEDULE ARE SUPPLIED BY FLOOR SYSTEM SUPPLIER U.N.O.

THIS DETAIL SHALL BE CONSTRUCTED WHERE WALLS SPAN FROM UNEXCAVATED OR CRAWL SPACE AREAS TO FULL BASEMENT AREAS.

FOOTINGS CAN BE DISCONTINUED UP TO 4' BY ADDING (1) ADDITIONAL #4 BAR AT THE TOP AND BOTTOM OF THE WALL AND LOCATED IN THE CENTER THIRD OF WALL THICKNESS IN ADDITION TO THE SPECIFIED WALL REINFORCEMENT. EXTEND ADDITIONAL BARS A MIN. OF 36" INTO PORTIONS OF WALLS SUPPORTED BY FOOTINGS.



DETAIL 1

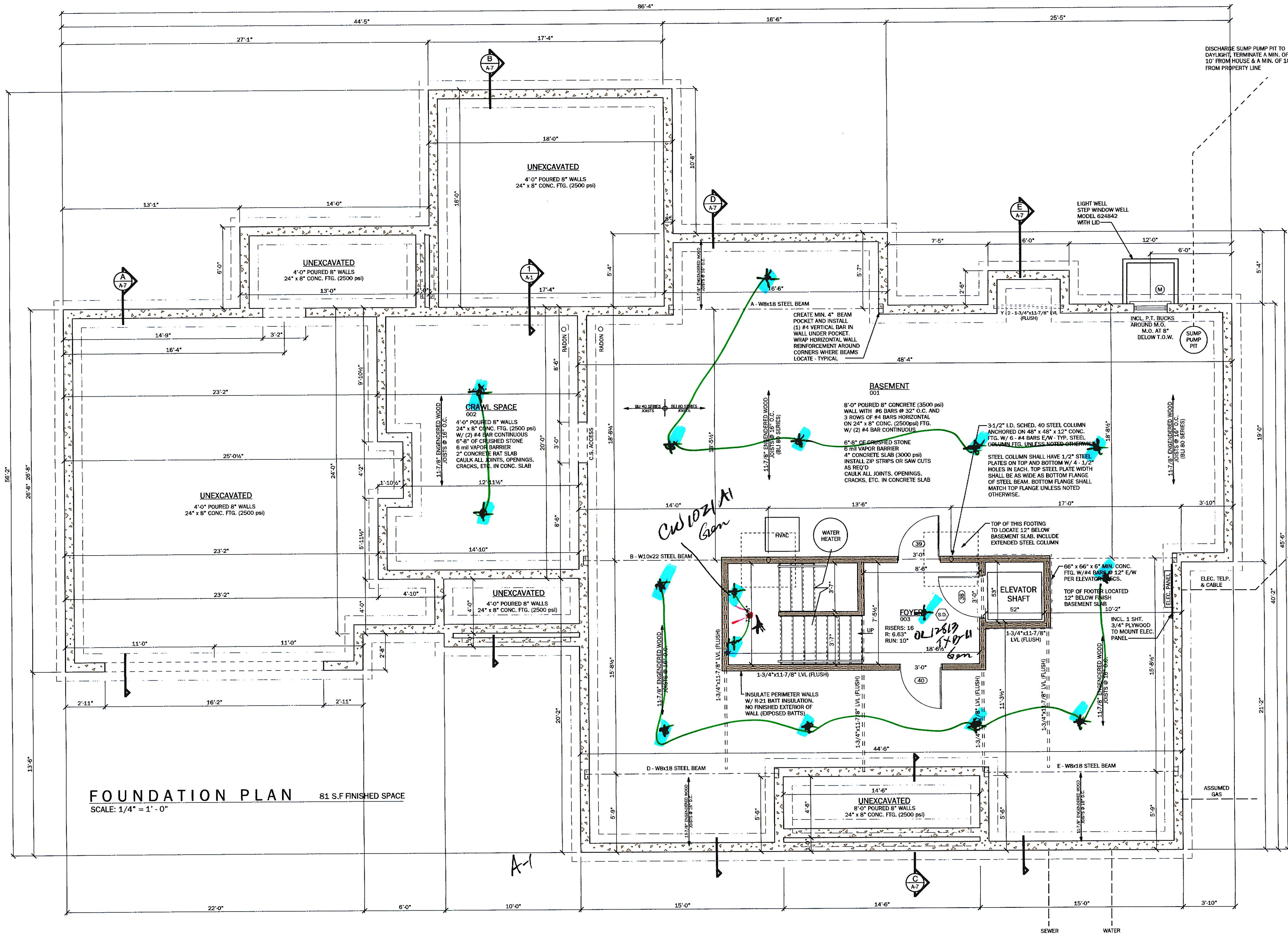
SCALE: 1/2" = 1'-0"

REF. SHT. A-1

PLAN NOTES

- BASEMENT FOOTINGS SHALL HAVE 6" FORM-A-DRAIN ON BOTH SIDES OF THE FOOTING.
 - CRAWL SPACE TO HAVE FORM-A-DRAIN INSTALLED ON OUTSIDE OF FOOTING AND CONNECTED INTO BASEMENT FORM-A-DRAIN SYSTEM.
- BASEMENTS AND CRAWL SPACES SHALL HAVE SEPARATE RADON LOOPS, ALTHOUGH THESE LOOPS MAY BE TIED TOGETHER ABOVE THE SLABS TO ONE VERTICAL VENT PIPE.
 - PLUMBING SUBCONTRACTOR TO INSTALL 4" DIA. PVC PIPING FROM RADON STUBS, CONTINUOUSLY TO THE ROOF. PIPE SHALL TERMINATE 2' HIGHER THAN THE ROOF AND 2' HIGHER THAN ANY OPENING WITHIN A 10' RADIUS
- LOCATION OF UTILITY LINES AND HVAC MECHANICALS ARE PROPOSED ONLY AND SUBJECT TO RELOCATION IN THE FIELD SHOULD THE BE RELOCATED, THIS MUST BE APPROVED BY THE GENERAL CONTRACTOR PRIOR TO ANY CHANGE.
- HOUSE TO BE INSULATED PER 2018 PA ALTERNATIVE ENERGY CODE. INSULATING SUBCONTRACTOR TO INSTALL DRAFTSTOPPING, CAULKS BLANKETS AND MEET ASTM - E136
- BACKFILL ALL UNEXCAVATED AREAS W/ CRUSHED STONE OR CLEAN FILL COMPACTED TO AVOID SETTLEMENT.
- REFER TO SITE PLAN FOR TRENCHING OF UNDERGROUND UTILITIES (SEWER, WATER, GAS, & ELEC)

- STEEL BEAMS TO HAVE A MIN. OF 4" BEARING (PARALLEL TO BEAM) ONTO CONCRETE WALL.
- APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION, OTHER APPLIANCES OR ANY OTHER PIPING OR DUCTS NOT CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. A LEVEL WORKING SPACE AT LEAST 30" DEEP AND 30" WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE.
- SPRAY UNDERSIDE OF FLOOR SYSTEM WITH INTUMESCENT PAINT THROUGHOUT ENTIRE BASEMENT. CRAWL SPACE IS ONLY SPRAYED IF THERE IS A FUEL FIRED APPLIANCE LOCATED IN THE CRAWL SPACE.
- MINIMUM WINDOW WELL AREA SHALL BE 9 S.F. WITH A MINIMUM WIDTH AND PROJECTION OF 36". EGRESS WINDOW SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44" ABOVE THE FINISHED FLOOR. PROVIDE WINDOW WELL COVER THAT IS REMOVABLE WITHOUT USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EXCESSIVE FORCE.



FOUNDATION PLAN 81 S.F. FINISHED SPACE
SCALE: 1/4" = 1'-0"

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