

THESE PLANS HAVE BEEN EXTRACTED FROM APPROVED BUILDING SYSTEMS FILED WITH THE STATE.

MA CERTIFICATION FOR MODULARS
YES NO

THE FOLLOWING ELEMENTS OF CERTIFICATION REQUIRED BY THE MANUFACTURER TO EXCLUDE EACH HOME ARE AS FOLLOWS:
1) DESIGNATED ONLY FOR ERECTION ON A SITE-BUILT PERMANENT FOUNDATION
2) NOT DESIGNED TO BE MOVED ONCE INSTALLED.
3) DESIGNED AND MANUFACTURED TO COMPLY WITH NATIONALLY RECOGNIZED MODEL BUILDING CODE OR EQUIVALENT TO BUILDING CODES FOR ON-SITE HOUSING, OR WITH MINIMUM PROPERTY STANDARDS ADAPTED BY THE SECRETARY PURSUANT TO TITLE II OF THE NATIONAL HOUSING ACT, AND
4) TO THE MANUFACTURER'S KNOWLEDGE IS NOT INTENDED TO BE USED OTHER THAN ON A SITE-BUILT PERMANENT FOUNDATION.

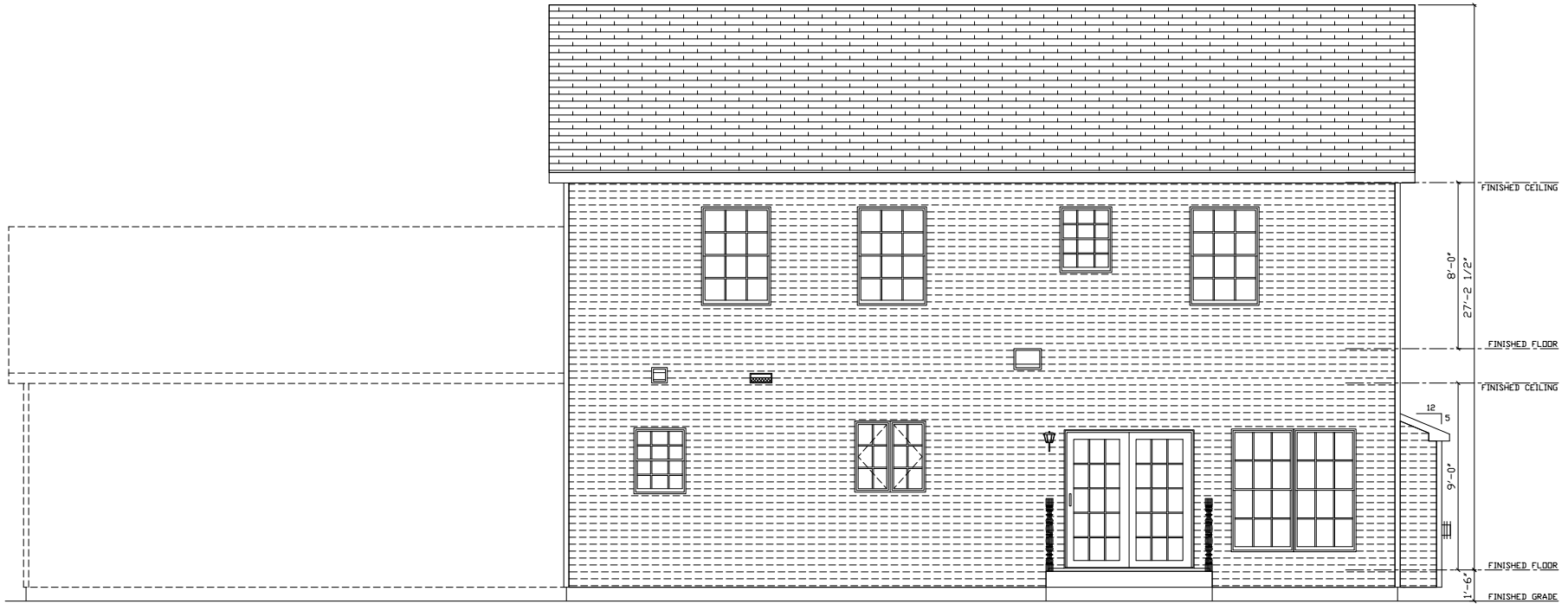


DECK AND RAILING
ON-SITE BY OTHERS
SHIPLOOSE SIDING

GARAGE ON-SITE
BY OTHERS

NOTE: ACTUAL HOUSE MAY VARY FROM ELEVATION

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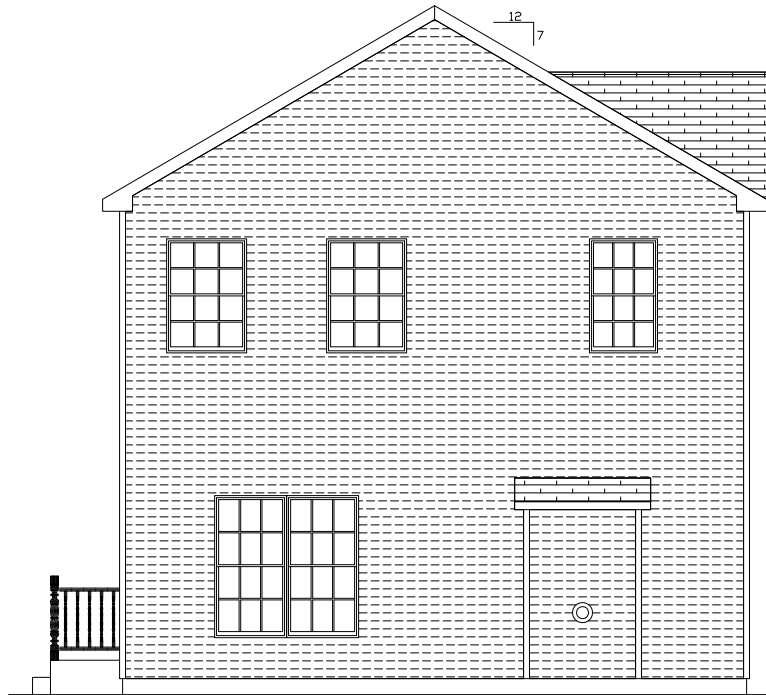
GARAGE ON-SITE
BY OTHERS

DECK, POSTS AND RAILING
ON-SITE BY OTHERS

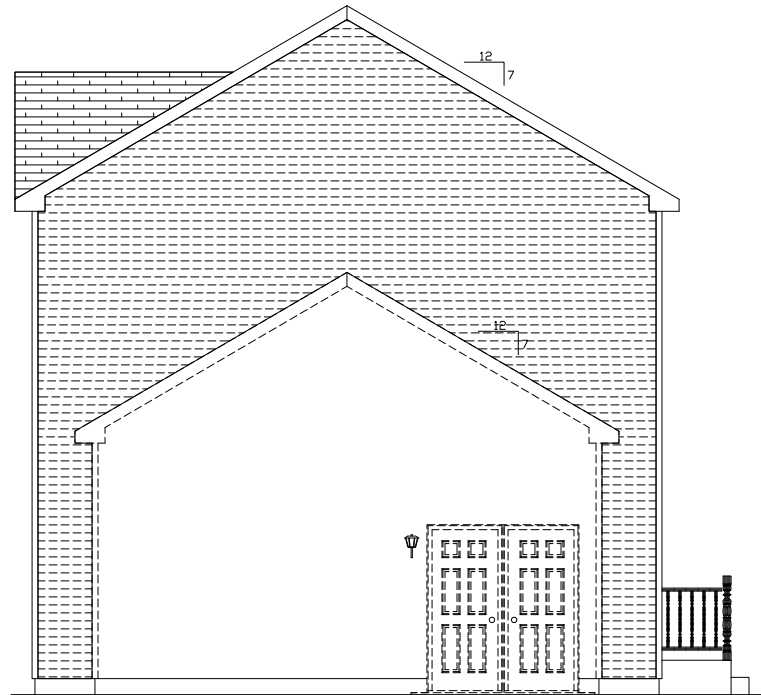
SHIPLOOSE SIDING

NOTE: ACTUAL HOUSE MAY VARY FROM ELEVATION

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DECK AND RAILING
ON-SITE BY OTHERS
SHIPLOOSE SIDING
LEFT ELEVATION



GARAGE ON-SITE
BY OTHERS
DECK AND RAILING
ON-SITE BY OTHERS
SHIPLOOSE SIDING
RIGHT ELEVATION

NOTE: ACTUAL HOUSE MAY VARY FROM ELEVATION

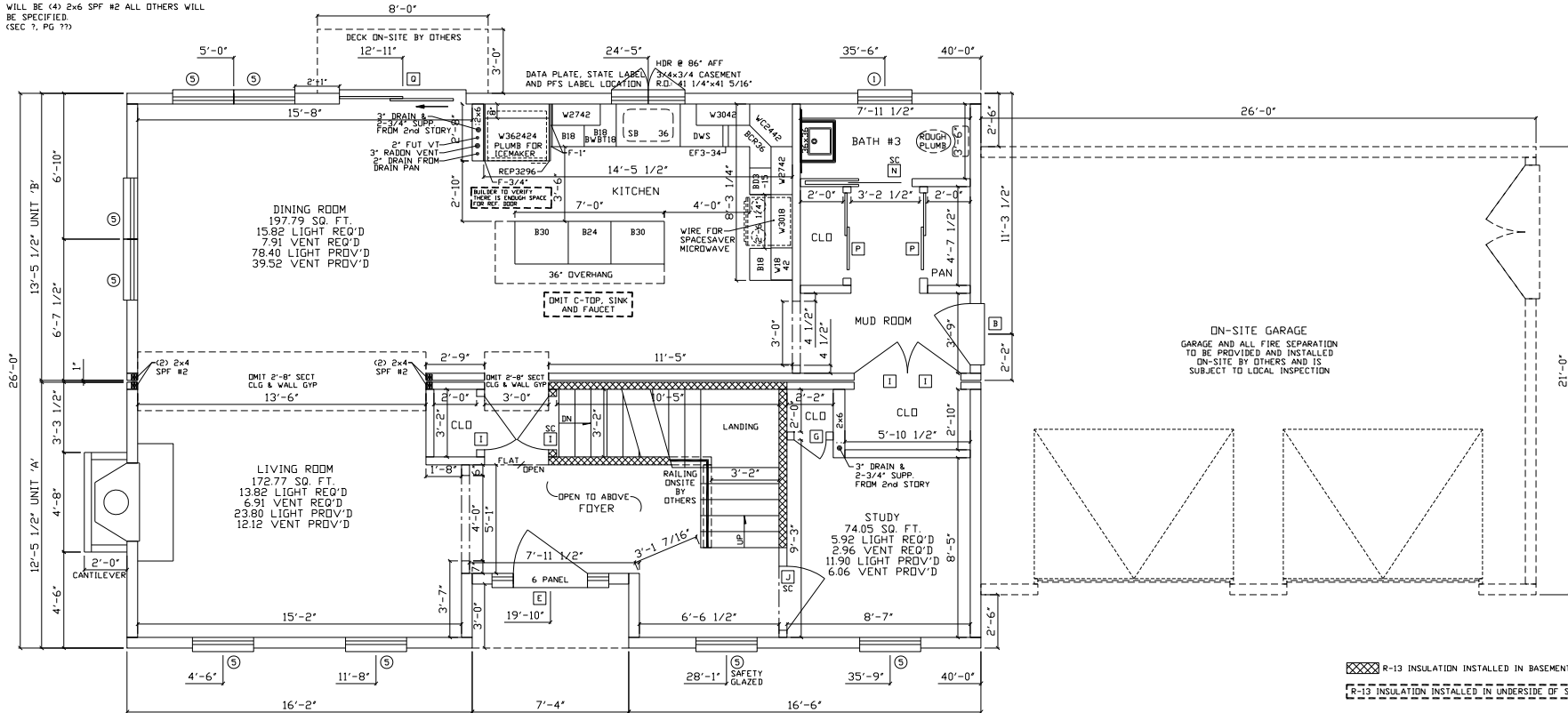
MA SINGLE AND TWO FAMILY DWELLING CODE (780 CMR) 8TH EDITION
 MA FUEL / GAS / PLUMBING CODE (248 CMR)
 2009 INTERNATIONAL MECHANICAL CODE w/ AMENDMENTS
 2014 NATIONAL ELECTRICAL CODE w/ AMENDMENTS
 2012 INTERNATIONAL ENERGY CONSERVATION CODE w/ AMENDMENTS

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1. A 48 HOUR NOTIFICATION IS REQUIRED PRIOR TO THE SET. THE CSL OF RECORD WILL
 RELAY THIS TO THE LOCAL BUILDING AUTHORITY. IF ANY CONNECTIONS HAVE BEEN
 CONCEALED PRIOR TO THE INSPECTION, THE BUILDING OFFICIAL MAY REQUEST HAVING
 THE REMOVAL OF ELEMENTS THAT CONCEAL THE CONNECTIONS TO PROVIDE ACCESS.
 THIS WOULD NOT CONSTITUTE "DESTRUCTIVE DISASSEMBLY". ALL CONNECTIONS
 ON-SITE MUST BE INSPECTED BY THE LOCAL AUTHORITY.

NTA SYSTEM CALC'S:
 ALL EXT. LOAD BEARING HDR'S WITH SPAN OF 7'-0" OR
 LESS WILL BE (3) 2x6 SPF #2 ALL OTHERS WILL
 BE SPECIFIED. ALL REQUIRED JACK STUDS
 SHOWN ARE 2x4 SPF #2.
 (SEC. 7, PG. 77)

ALL M/W HDR'S WITH SPAN OF 7'-0" OR LESS
 WILL BE (4) 2x6 SPF #2 ALL OTHERS WILL
 BE SPECIFIED.
 (SEC. 7, PG. 77)



XXXX R-13 INSULATION INSTALLED IN BASEMENT WALLS
 R-13 INSULATION INSTALLED IN UNDERSIDE OF STAIRS

NOTE:
 12" VENT STACKS REPLACE STD
 1 1/2" VENT STACKS PER CODE

NOTE:
 STOP SHEATHING 22" FROM ALL
 MARRIAGE WALL OPENINGS
 (EXCEPT TILED AREAS)

NOTE:
 BUILDER TO INSTALL A WHOLE HOUSE
 VENTILATION SYSTEM TO MEET THE
 REQUIREMENTS OF TABLE R403.51

NOTE:
 ALL WINDOWS WITH OPENINGS WHICH OPEN 4 INCHES
 OR GREATER ARE 72 INCHES ABOVE THE FINISHED GRADE
 OR SURFACE BELOW AND THE LOWEST PART OF THE CLEAR
 OPENING IS LESS THAN 24 INCHES ABOVE THE FINISHED
 FLOOR, WILL REQUIRE WINDOW GUARDS PER 2009 IRC
 SECTIONS R612.2 THRU R612.4. THE WINDOW GUARDS WILL
 BE PROVIDED AND INSTALLED ON-SITE BY OTHERS.

NOTE:
 BUILDER TO PROVIDE AND INSTALL
 HIGH-EFFICACY LAMPS IN 75% OF
 PERMANENTLY INSTALLED LIGHTING
 FIXTURES ON-SITE PER SECTION M104.1

NOTE:
 THE BASEMENT AND / OR ATTIC
 FLOOR MUST HAVE WEATHERSTRIPPING
 AND A SWEEP PROVIDED AND
 INSTALLED ON-SITE BY OTHERS.

NOTE:
 TIGHTNESS AND BLOWER DOOR
 TESTING WILL BE COMPLETED
 ON-SITE BY OTHERS BY A QUALIFIED
 PROFESSIONAL CERTIFIED BY MA.

NOTE:
 BUILDER TO INSTALL A WHOLE
 HOUSE VENTILATION SYSTEM
 TO MEET THE REQUIREMENTS
 OF TABLE R403.51

NOTE:
 HOT WATER PIPE INSULATION
 SHALL BE INSTALLED IN
 ACCORDANCE W/ SECT.
 M103.4.2 OF THE 2012 IRC.

NOTE:
 VISUAL INSPECTION OF THE
 INSULATION INSTALLATION
 WILL BE DOCUMENTED BY
 THE APEX QC DEPARTMENT.

NOTE:
 TIGHTNESS AND BLOWER DOOR TESTING
 WILL BE COMPLETED ON-SITE BY OTHERS BY
 A QUALIFIED PROFESSIONAL CERTIFIED BY MA.

NOTES:

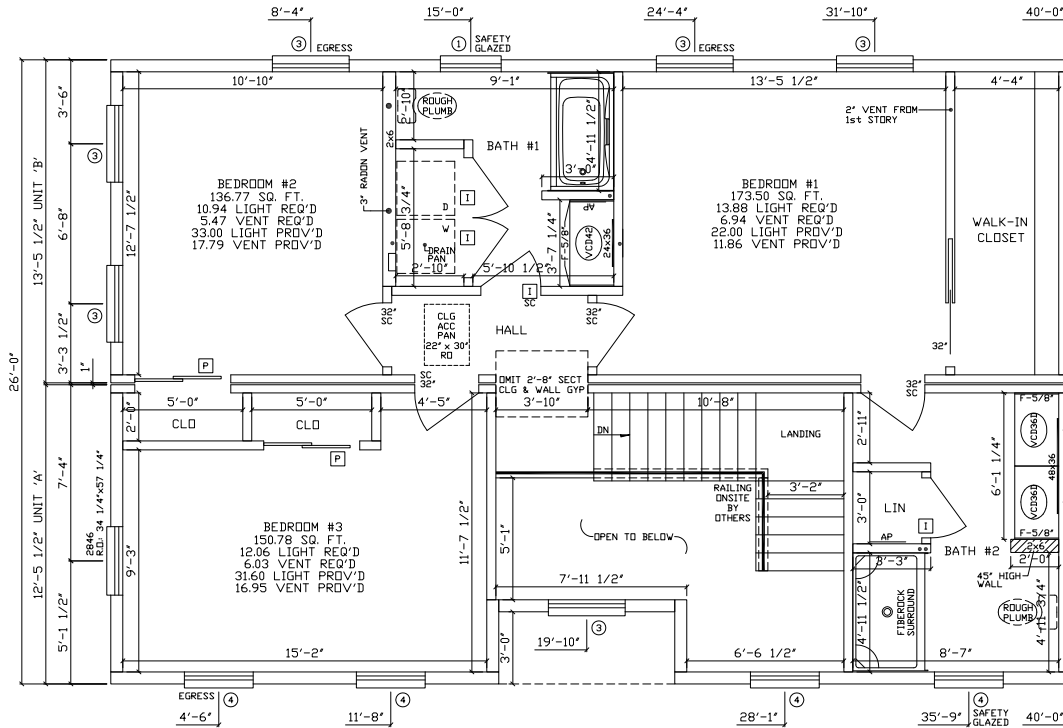
1. BUILDER IS RESPONSIBLE FOR PROVIDING A PROPERLY SIZED HEATING SYSTEM TO COVER A 62,000 BTU LOSS
2. HEAT LOSS WAS CALCULATED WITH R-30 FLOOR INSULATION
3. SILVERLINE 3000 SERIES WINDOWS
4. 9'-0" 1ST FLOOR CEILING HEIGHT

5. 1ST FLOOR SQUARE FOOTAGE = 1018 SQ/FT
- 6.
- 7.
- 8.
- 9.

NTA SYSTEM CALC'S:
 ALL EXT. LOAD BEARING HDR'S WITH SPAN OF 7'-1" OR
 LESS WILL BE (3) 2x6 SPF #2 ALL OTHERS WILL
 BE SPECIFIED. ALL REQUIRED JACK STUDS
 SHOWN ARE 2x6 SPF #2.
 (SEC. 7, PG. ??)

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ALL M/W HDR'S WITH SPAN OF 7'-1" OR LESS
 WILL BE (4) 2x6 SPF #2 ALL OTHERS WILL
 BE SPECIFIED.
 (SEC. 7, PG. ??)



* NOTE:
 ALL WINDOWS WITH OPENINGS WHICH OPEN 4 INCHES
 OR GREATER ARE 78 INCHES ABOVE THE FINISHED GRADE
 OR SURFACE BELOW AND THE LOWEST PART OF THE CLEAR
 OPENING IS LESS THAN 24 INCHES ABOVE THE FINISHED
 FLOOR. WILL REQUIRE WINDOW GUARDS PER 2009 IRC
 SECTIONS R612.2 THRU R612.4. THE WINDOW GUARDS WILL
 BE PROVIDED AND INSTALLED ON-SITE BY OTHERS.

* NOTE:
 GASKET OR WEATHERSTRIPPING AND
 INSULATION, EQUIVALENT TO THE INSULATION
 IN THE SURROUNDING SURFACES, IS TO BE
 INSTALLED UPON COMPLETION OF THE SET-UP
 OF THE HOME AT CEILING ACCESS PANELS AND
 / OR PULL-DOWN STAIRS ON-SITE BY OTHERS.

* NOTE:
 DRYER VENT DUCT SHALL TERMINATE ON
 AN OUTSIDE WALL OF A BUILDING NOT
 LESS THAN 3'-0" IN ANY DIRECTION FROM
 ANY OPENING INTO THE BUILDING AND MUST
 BE EQUIPPED WITH A BACKDRAFT DAMPER.

* NOTE:
 TUB / SHOWER CONTROL VALVES
 TO HAVE A HIGH STOP LIMIT SET
 TO LIMIT WATER TEMPERATURE TO A
 MAXIMUM OF 120° F (49°C).

NOTES:

1. SILVERLINE 3000 SERIES WINDOWS
2. 7/12 NON STORAGE RAFTER ROOF SYSTEM @ 16" O.C.
3. 2ND FLOOR SQUARE FOOTAGE = 1018 SQ/FT
- 4.
- 5.

- 6.
- 7.
- 8.
- 9.
- 10.

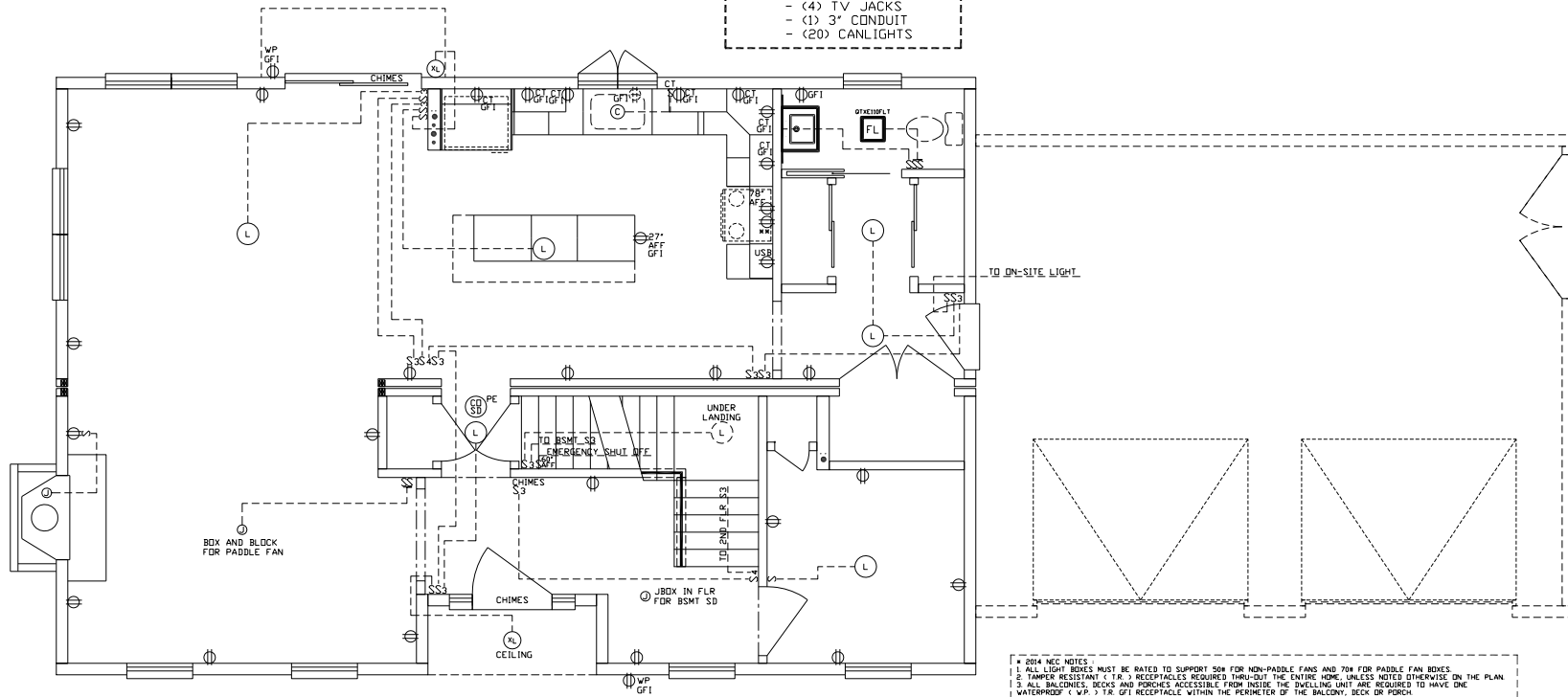
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NOTES:

1. INSULATED STAPLES REQ'D TO SUPPORT ALL WIRING
2. 1265 SQ. FT. (SMOKE DETECTORS REQ'D EVERY 1200 SQ. FT.)

*-GAS LINES ON-SITE BY BUILDER

* NOTE :
PLEASE PROVIDE LOCATIONS FOR THE FOLLOWING :
- PANEL BOX / DROPS
- MAIN ELECTRIC
- MAIN WATER SUPPLY
- MAIN SEWER
- (4) TV JACKS
- (1) 3" CONDUIT
- (20) CANLIGHTS

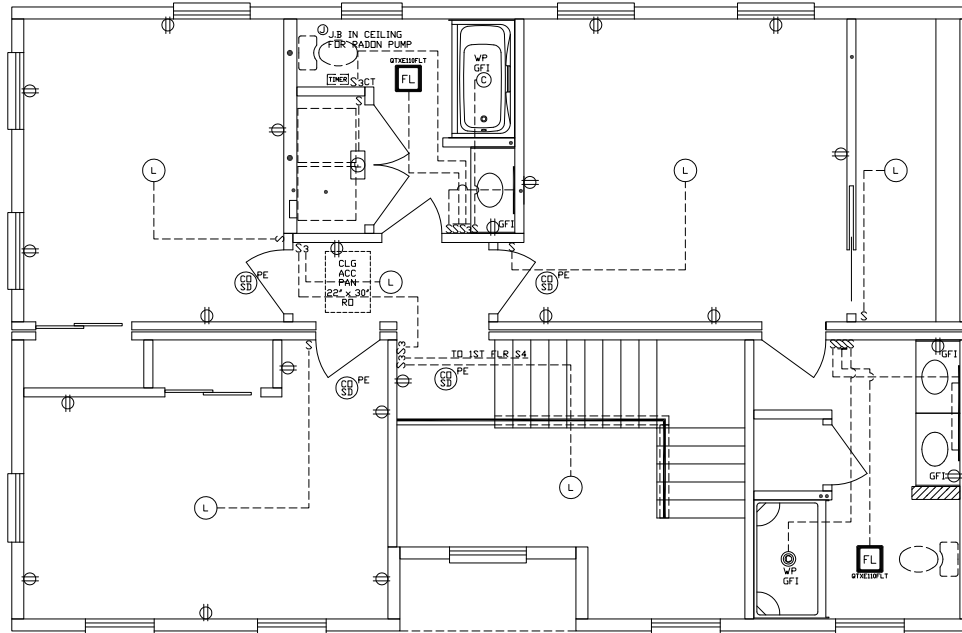


2014 NEC NOTES:
 1. ALL LIGHT FIXES MUST BE RATED TO SUPPORT 50# FOR NON-PADDLE FANS AND 70# FOR PADDLE FAN FIXES.
 2. AMPER RESISTANT (I.R.) RECEPTACLES REQUIRED THROUGHOUT THE ENTIRE HOME UNLESS NOTED OTHERWISE ON THE PLAN.
 3. ALL BALCONIES, DECKS AND PORCHES ACCESSIBLE FROM INSIDE THE DWELLING UNIT ARE REQUIRED TO HAVE ONE WATERPROOF (W.P.) GFI RECEPTACLE WITHIN THE PERIMETER OF THE BALCONY, DECK OR PORCH.
 4. ALL FAMILY DWELLINGS ARE REQUIRED TO BE PROVIDED WITH ONE W.P. GFI RECEPTACLE ACCESSIBLE WHILE STANDING AT GRADE LEVEL LOCATED A MAX. OF 6'-6" ABOVE GRADE AT THE FRONT AND REAR OF EACH DWELLING UNIT.
 5. THE BRANDING CIRCUIT CONDUCTOR FOR THE CONTROLLED LIGHTING CIRCUIT SHALL BE PROVIDED AT THE LOCATION WHERE SWITCHES CONTROLLING LIGHTING LOADS THAT ARE SUPPLIED BY A DEDICATED GENERAL PURPOSE BRANCH CIRCUIT FOR OTHER THAN THE FOLLOWING:
 A. WHERE CONDUCTORS ENTER THE BOX ENCLOSED THE SWITCH THROUGH A RACEWAY, PROVIDED THAT THE RACEWAY IS LARGE ENOUGH FOR ALL CONDUCTORS INCLUDING A GROUNDING CONDUCTOR.
 B. WHERE THE BOX ENCLOSED THE SWITCH IS ACCESSIBLE FOR THE INSTALLATION OF AN ADDITIONAL OR REPLACEMENT CABLE WITHOUT REMOVING FINISH MATERIALS.
 C. WHERE SNAP SWITCHES WITH INTEGRAL ENCLOSURES COMPLY WITH 20015 (E).
 D. WHERE MULTIPLE SWITCH LOCATIONS CONTROL THE SAME LIGHTING LOAD SUCH THAT THE ENTIRE FLOOR AREA OF THE ROOM OR SPACE IS VISIBLE FROM THE SINGLE OR COMBINE SWITCH LOCATIONS.
 E. WHERE LIGHTING IN THE AREA IS CONTROLLED BY AUTOMATIC MEANS.
 F. WHERE A SWITCH CONTROLS A RECEPTACLE LOADS.
 6. ALL 15 AND 20 AMPERE 125 AND 250 VOLT RECEPTACLES INSTALLED IN A WET LOCATION STILL MUST HAVE AN ENCLOSURE AND COVERS THAT ARE WEATHERPROOF WHETHER AN ATTACHMENT PLUG CAP IS INSERTED OR NOT. ALL ENCLOSURES AND COVERS INSTALLED IN WET LOCATIONS MUST BE LISTED AS "EXTRA DUTY".
 7. ALL LUMINAIRE WEIGHING MORE THAN 50 LBS. SHALL BE SUPPORTED INDEPENDENTLY OF THE OUTLET BOX UNLESS IT IS LISTED AND MARKED FOR THE MAXIMUM WEIGHT TO BE SUPPORTED.
 8. ALL 15 AND 20 AMPERE BRANCH CIRCUITS SERVING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN, BEDROOMS, SUN ROOMS, RECREATION ROOMS, HALLWAYS, LAUNDRY AREA OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
 9. ALL BATHROOM RECEPTACLES, LAUNDRY RECEPTACLES, EXTERIOR RECEPTACLES AND ALL RECEPTACLES SERVING KITCHEN COUNTERTOPS, THE DISHWASHER CIRCUIT OR RECEPTACLES THAT ARE WITHIN 6'-0" OF THE OUTSIDE EDGE OF THE KITCHEN SINK INCLUDING RECEPTACLES UNDER THE SINK OR IN CABINETS ARE REQUIRED TO BE GFI PROTECTED.

- NOTES:
1. ALL LIVING SPACES ARE ARC-FAULT PROTECTED COMBINATION TYPE
 2. SEE 2014 NEC NOTE ABOVE
 - 3.
 - 4.

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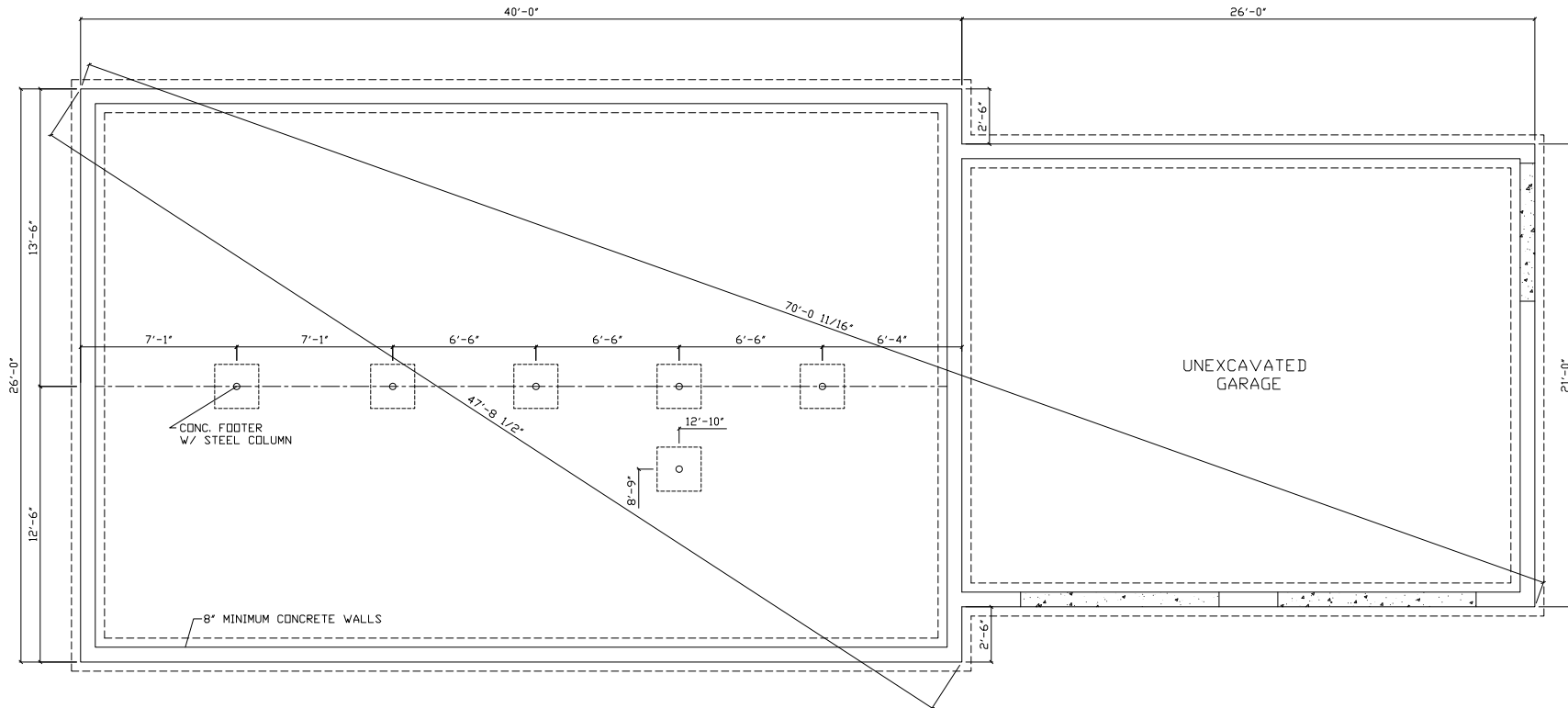
24 HOUR MECHANICAL DIAL SWITCH FOR BATH #1 FAN. CONNECT TO S3 SWITCH IN BATHROOM FOR OVERRIDE CONTROL. BATHROOM SWITCH CAN TURN ON AND OFF FAN WHEN MECHANICAL TIMER CYCLE IS OFF, BUT CAN NOT TURN OFF FAN WHEN TIMER CYCLE SWITCH IS TURNED ON.



- * 2014 NEC NOTES:
1. ALL LIGHT BOXES MUST BE RATED TO SUPPORT 50# FOR NON-PADDED FANS AND 70# FOR PADDED FAN BOXES.
 2. TAMPER RESISTANT (T.R.) RECEPTACLES REQUIRED THROUGH-OUT THE ENTIRE HOME UNLESS NOTED OTHERWISE ON THE PLAN.
 3. ALL BALCONIES, DECKS AND PORCHES ACCESSIBLE FROM INSIDE THE DWELLING UNIT ARE REQUIRED TO HAVE ONE WATERPROOF (W.P.) T.R. GFI RECEPTACLE WITHIN THE PERIMETER OF THE BALCONY, DECK OR PORCH.
 4. ALL 2-FAMILY DWELLINGS ARE REQUIRED TO BE PROVIDED WITH ONE W.P. T.R. GFI RECEPTACLE ACCESSIBLE WHILE STANDING AT GRADE LEVEL LOCATED A MAX. OF 6'-6" ABOVE THE FRONT AND REAR OF EACH DWELLING UNIT.
 5. THE GROUNDING CONDUCTOR FOR THE CONTROLLED LIGHTING CIRCUIT SHALL BE PROVIDED AT THE LOCATION WHERE SWITCHES CONTROLLING LIGHTING LOADS THAT ARE SUPPLIED BY A GROUNDING GENERAL PURPOSE BRANCH CIRCUIT FOR OTHER THAN THE FOLLOWING:
 1. WHERE CONDUCTORS ENTER THE BOX ENCLLOSING THE SWITCH THROUGH A RACEWAY, PROVIDED THAT THE RACEWAY IS LARGE ENOUGH FOR ALL CONDUCTORS INCLUDING A GROUNDING CONDUCTOR.
 2. WHERE THE BOX ENCLLOSING THE SWITCH IS ACCESSIBLE FOR THE INSTALLATION OF AN ADDITIONAL OR REPLACEMENT CABLE WITHOUT REMOVING FRESH MATERIALS.
 3. WHERE SWAP SWITCHES WITH INTEGRAL ENCLOSURES COMPLY WITH 20015 (E).
 4. WHERE A SWITCH DOES NOT SERVE A HABITABLE ROOM OR BATHROOM.
 5. WHERE MULTIPLE SWITCH LOCATIONS CONTROL THE SAME LIGHTING LOAD SUCH THAT THE ENTIRE FLOOR AREA OF THE ROOM OR SPACE IS VISIBLE FROM THE SINGLE OR COMBINED SWITCH LOCATIONS.
 6. WHERE A SWITCH CONTROLS A RECEPTACLE LOAD.
 6. ALL 15 AMP, 120 VOLT RECEPTACLES INSTALLED IN A WET LOCATION STILL MUST HAVE AN ENCLOSURE AND COVERS THAT ARE WEATHERPROOF WHETHER AN ATTACHMENT PLUG CAP IS INSERTED OR NOT. ALL ENCLOSURES AND COVERS INSTALLED IN WET LOCATIONS MUST BE LISTED AS "EXTRA DUTY".
 7. A LUMINOUS WEIGHING MORE THAN 50 LBS. SHALL BE SUPPORTED INDEPENDENTLY OF THE OUTLET BOX, UNLESS IT IS LISTED AND MARKED FOR THE MAXIMUM WEIGHT TO BE SUPPORTED.
 8. ALL 120 VOLT SINGLE-PHASE 15 AND 20 AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN'S, BEDROOMS, SUN ROOMS, RECREATION ROOMS, GOLFSETS, HALLWAYS, LAUNDRY AREA, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED COMBINATION-TYPE AFCI-FAULT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
 9. ALL BATHROOM RECEPTACLES, LAUNDRY RECEPTACLES, EXTERIOR RECEPTACLES AND ALL RECEPTACLES SERVING KITCHEN COUNTERTOPS, THE DISHWASHER CIRCUIT OR RECEPTACLES THAT ARE WITHIN 6'-0" OF THE OUTSIDE EDGE OF THE KITCHEN SINK INCLUDING RECEPTACLES UNDER THE SINK OR IN CABINETS ARE REQUIRED TO BE GFI PROTECTED.

- NOTES:
1. ALL LIVING SPACES ARE ARC-FAULT PROTECTED COMBINATION TYPE
 2. SEE 2014 NEC NOTE ABOVE
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(4) 2 x 10 SYP #1 FLOOR GIRDER
 ?'-?' O.C. MAX. FLOOR LOAD ONLY (SEC. ?, PG. ??)
 ?'-?' O.C. MAX. TOTAL LOAD ONLY (SEC. ?, PG. ??)

* NOTE :
 POST SPACING MAY VARY UPON COMPLETION OF CALCULATIONS
 LOADING TO BE PROVIDED UPON COMPLETION OF CALCULATIONS

FOUNDATION DRAWINGS ARE TO BE USED AS A GUIDE ONLY. APEX HOMES WILL NOT ACCEPT ANY LIABILITY OR RESPONSIBILITY FOR INCORRECT FOUNDATIONS.

NOTES:

1. FOR ADDITIONAL INFORMATION SEE TYPICAL FOUNDATION DRAWING A15,16 OF THIS SET
2. PERIMETER RAIL ATTACHED TO SILL WITH 16d NAILS AT 6' O.C.
3. PIER FOOTINGS BASED UPON 2000 PSF ALLOWABLE SOIL BEARING PRESSURE
4. CONCRETE COMPRESSIVE STRENGTH: 2500 PSI
5. M OR S TYPE MORTAR TO BE USED

6. MAX ANCHOR BOLT SPACING: 6'-0" O.C. (4'-0" O.C. MAX IN AREAS WHERE WIND VELOCITY IS @ OR EXCEEDS 100 MPH)
7. WINDOWS OR VENTS (INSTALLED BY OTHERS) ARE REQUIRED TO PROVIDE 1/150 OF FLOOR AREA AS FREE VENTILATION AND SHALL BE LOCATED AS CLOSE TO CORNERS AS POSSIBLE
8. NOTES ON THIS PAGE TAKE PRECEDENCE OVER NOTES ON TYPICAL FOUNDATION DWG. A15/A16