

Index of Drawings

- architectural site plan D1 first & second floor demolition plans
- foundation / demolition / elect. plan
- first floor plan

ARCH. SITE PLAN

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| BLDG. DEPT. REV. | Ø9.17.25

THOMAS J. RYAN, JR. - ARCHITECT

TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-Ø" 091624

PROBABLE EXISTING 4-HOUSE ASSEMBLY OVER TIME



EXISTING WALLS

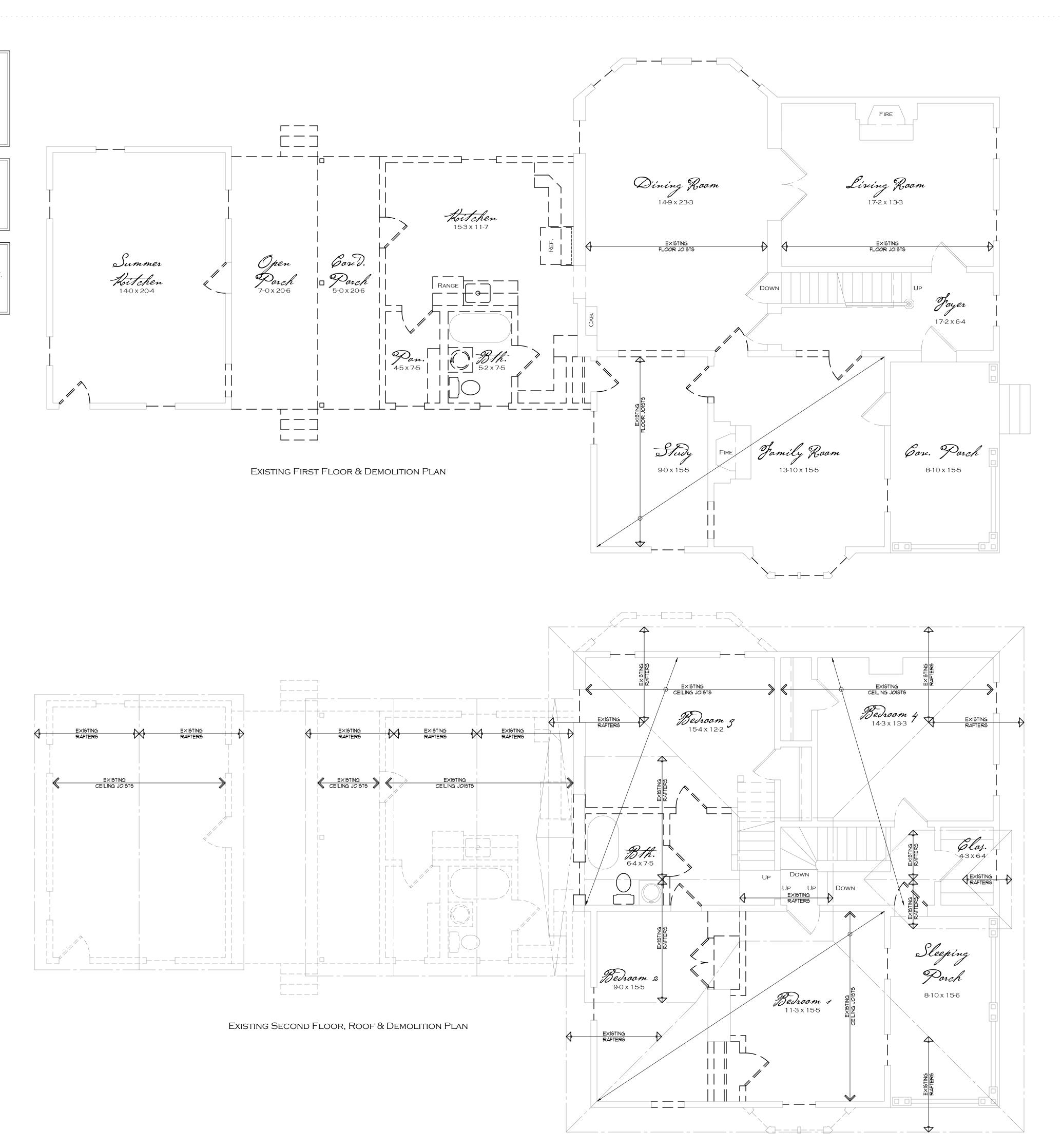
WALLS ABOVE AND BELOW

Verification Note

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Demolition Note

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description	date

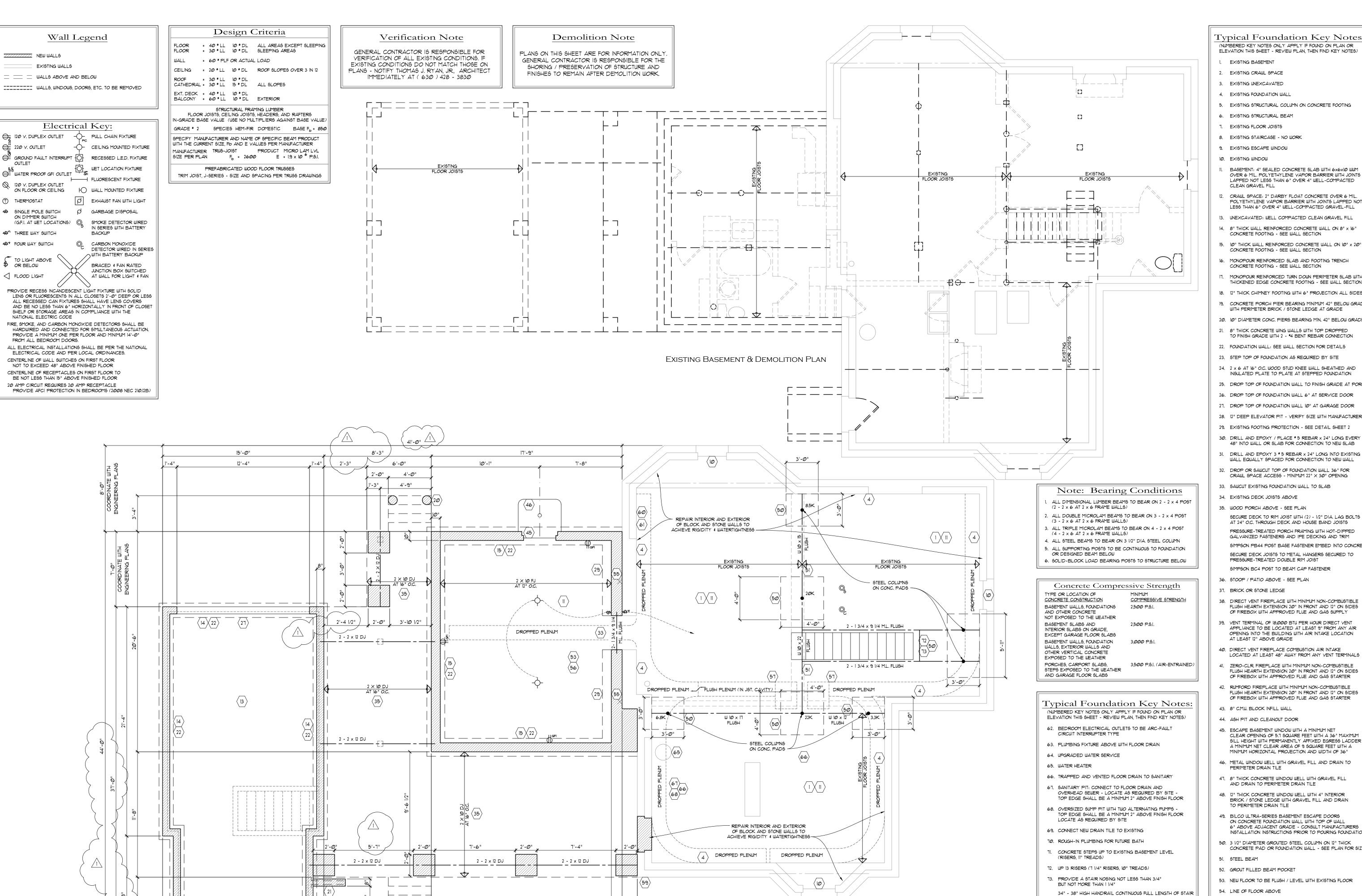


Garanel Hause 337 N. Sleight Street Naperville, Il Renovation & Addition

EXISTING & DEMOLITION PLANS

drawn	TJR
file name	Ø91624CD
date	Ø9 / I7 / 25
scale	1/4" = 1'-Ø"
project number	091624
	sheet

D1



17'-9"

Typical Foundation Key Notes: (NUMBERED KEY NOTES ONLY APPLY IF FOUND ON PLAN OR ELEVATION THIS SHEET - REVIEW PLAN, THEN FIND KEY NOTES)

- 1. EXISTING BASEMENT
- 2. EXISTING CRAWL SPACE
- 3. EXISTING UNEXCAYATED
- 4. EXISTING FOUNDATION WALL
- 6. EXISTING STRUCTURAL BEAM
- T. EXISTING FLOOR JOISTS
- 8. EXISTING STAIRCASE NO WORK
- 10. EXISTING WINDOW
- BASEMENT: 4" SEALED CONCRETE SLAB WITH 6x6x10 WWM OVER 6 MIL. POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" OVER 4" WELL-COMPACTED CLEAN GRAVEL FILL
- CRAWL SPACE: 2" DARBY FLOAT CONCRETE OVER 6 MIL. POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT
- LESS THAN 6" OVER 4" WELL-COMPACTED GRAVEL-FILL 13. UNEXCAYATED: WELL COMPACTED CLEAN GRAVEL FILL
- 14. 8" THICK WALL REINFORCED CONCRETE WALL ON 8" \times 16"
- 15. 10" THICK WALL REINFORCED CONCRETE WALL ON 10" \times 20
- CONCRETE FOOTING SEE WALL SECTION 16. MONOPOUR REINFORCED SLAB AND FOOTING TRENCH
- MONOPOUR REINFORCED TURN DOWN PERIMETER SLAB WITH
- 18. 12" THICK CHIMNEY FOOTING WITH 6" PROJECTION ALL SIDES
- 19. CONCRETE PORCH PIER BEARING MINIMUM 42" BELOW GRADE WITH PERIMETER BRICK / STONE LEDGE AT GRADE
- 20. 10" DIAMETER CONC. PIERS BEARING MIN. 42" BELOW GRADE
- 21. 8" THICK CONCRETE WING WALLS WITH TOP DROPPED TO FINISH GRADE WITH 2 - *4 BENT REBAR CONNECTION
- 22. FOUNDATION WALL: SEE WALL SECTION FOR DETAILS
- 23. STEP TOP OF FOUNDATION AS REQUIRED BY SITE
- INSULATED PLATE TO PLATE AT STEPPED FOUNDATION
- 25. DROP TOP OF FOUNDATION WALL TO FINISH GRADE AT PORCH
- 26. DROP TOP OF FOUNDATION WALL 6" AT SERVICE DOOR
- 27. DROP TOP OF FOUNDATION WALL 10" AT GARAGE DOOR
- 28. 12" DEEP ELEVATOR PIT VERIFY SIZE WITH MANUFACTURER
- 29. EXISTING FOOTING PROTECTION SEE DETAIL SHEET 2
- 30. DRILL AND EPOXY / PLACE * 5 REBAR x 24" LONG EVERY
- 48" INTO WALL OR SLAB FOR CONNECTION TO NEW SLAB
- 31. DRILL AND EPOXY 3 * 5 REBAR x 24" LONG INTO EXISTING WALL EQUALLY SPACED FOR CONNECTION TO NEW WALL
- 32. DROP OR SAWCUT TOP OF FOUNDATION WALL 36" FOR CRAWL SPACE ACCESS - MINIMUM 22" \times 30" OPENING
- 33. SAWCUT EXISTING FOUNDATION WALL TO SLAB
- 34. EXISTING DECK JOISTS ABOVE
- 35. WOOD PORCH ABOVE SEE PLAN
- SECURE DECK TO RIM JOIST WITH (2) 1/2" DIA, LAG BOLTS AT 24" O.C. THROUGH DECK AND HOUSE BAND JOISTS PRESSURE-TREATED PORCH FRAMING WITH HOT-DIPPED GALVANIZED FASTENERS AND IPE DECKING AND TRIM
- SIMPSON PB44 POST BASE FASTENER EMBED INTO CONCRETE SECURE DECK JOISTS TO METAL HANGERS SECURED TO PRESSURE-TREATED DOUBLE RIM JOIST
- SIMPSON BC4 POST TO BEAM CAP FASTENER
- 36. STOOP / PATIO ABOVE SEE PLAN
- 37. BRICK OR STONE LEDGE 38. DIRECT VENT FIREPLACE WITH MINIMUM NON-COMBUSTIBLE
- FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS SUPPLY
- 39. VENT TERMINAL OF 18,000 BTU PER HOUR DIRECT VENT APPLIANCE TO BE LOCATED AT LEAST 9" FROM ANY AIR OPENING INTO THE BUILDING WITH AIR INTAKE LOCATION
- 40. DIRECT VENT FIREPLACE COMBUSTION AIR INTAKE LOCATED AT LEAST 48" AWAY FROM ANY VENT TERMINALS
- ZERO-CLR. FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES
- . RUMFORD FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES
- 43. 8" C.M.U. BLOCK INFILL WALL
- 44. ASH PIT AND CLEANOUT DOOR
- 45. ESCAPE BASEMENT WINDOW WITH A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET WITH A 36" MAXIMUM SILL HEIGHT WITH PERMANENTLY AFFIXED EGRESS LADDER A MINIMUM NET CLEAR AREA OF 9 SQUARE FEET WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36"
- 46. METAL WINDOW WELL WITH GRAVEL FILL AND DRAIN TO PERIMETER DRAIN TILE
- 47. 8" THICK CONCRETE WINDOW WELL WITH GRAVEL FILL AND DRAIN TO PERIMETER DRAIN TILE
- 48. 12" THICK CONCRETE WINDOW WELL WITH 4" INTERIOR BRICK / STONE LEDGE WITH GRAVEL FILL AND DRAIN TO PERIMETER DRAIN TILE
- 49. BILCO ULTRA-SERIES BASEMENT ESCAPE DOORS ON CONCRETE FOUNDATION WALL WITH TOP OF WALL 6" ABOVE ADJACENT GRADE - CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS PRIOR TO POURING FOUNDATION
- 50. 3 1/2" DIAMETER GROUTED STEEL COLUMN ON 12" THICK CONCRETE PAD OR FOUNDATION WALL - SEE PLAN FOR SIZE
- 51. STEEL BEAM
- 52. GROUT FILLED BEAM POCKET
- 53. NEW FLOOR TO BE FLUSH / LEVEL WITH EXISTING FLOOR
- 54. LINE OF FLOOR ABOVE
- 56. DOUBLE FLOOR JOISTS UNDER KITCHEN ISLAND
- 51. FURNACE MAINTAIN MAKEUP / COMBUSTION AIR PER CODE
- 58. FURNACE / WATER HEATER FLUE
- 59. CONDENSING UNIT AND / OR GENERATOR LOCATION
- 60. EXISTING ELECTRIC PANEL 61. ELECTRIC PANEL

55. POST ABOVE

W/ 4 OR MORE RISERS (1 1/4" - 2" O.D. CIRCULAR HANDRAIL)

5/8" DRYWALL AT UNDERSIDE OF STAIRCASE

11. TEMPERED GLASS DOOR AND ENCLOSURE

18. WINDOWS AND / OR DOORS WITH SAFETY GLAZING

75. CARPENTER-BUILT SHELVING

16. ROD AND SHELF

14. DRYWALL OVER INSULATED (R-10) 2 x 4 WALL AT 16" O.C. SECURED TO FLOOR ABOVE AND CONCRETE SLAB BELOW



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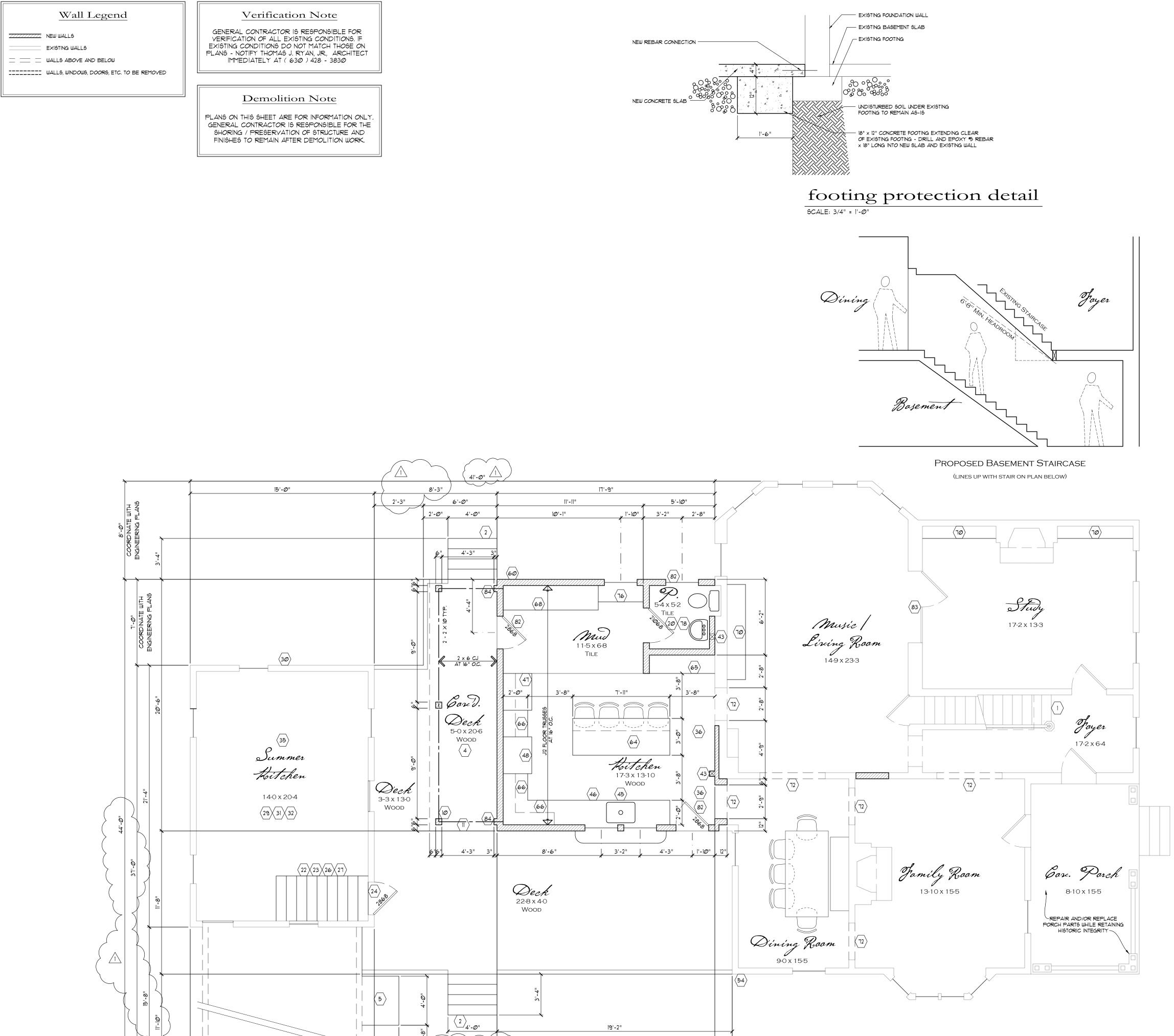
description	date
BLDG. DEPT. REV.	Ø9.17.25



FOUNDATION AND ELEC. PLAN 974 SQ. FT. (RENOVATED)

262 SQ. FT. (PROPOSED)

TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-Ø" 091624



17'-9"

Typical First Floor Key Notes: (NUMBERED KEY NOTES ONLY APPLY IF FOUND ON PLAN OR ELEVATION THIS SHEET - REVIEW PLAN, THEN FIND KEY NOTES)

- 11. DRYWALL-WRAPPED OPENING
- 12. CASED OPENING
- 13. ARCHED DRYWALL-WRAPPED OPENING
- 14. ARCHED CASED OPENING
- 15. LOCKERS 76. BENCH
- 17. LINEN CLOSET WITH 5 ADJUSTABLE SHELVES
- 78. SOUND INSULATED WALLS
- 19. TILE FACE, DECK AND BACKSPLASH
- 80. SLOPED TILE SEAT / SHELF
- 81. TEMPERED GLASS DOOR AND ENCLOSURE
- 82. WINDOWS AND / OR DOORS WITH SAFETY GLAZING
- 83. CONVERT SWING DOORS TO POCKET DOORS
- 84. PILASTER

SOUND INSULATE ALL PLUMBING WALLS

	<u>De</u>	sign (<u>Criteria</u>
FLOOR FLOOR	40 * LL 30 * LL	10 * DL 10 * DL	ALL AREAS EXCEPT SLEEPING SLEEPING AREAS

= 60 * PLF OR ACTUAL LOAD WALLCEILING = 20 * LL 10 * DL ROOF SLOPES OVER 3 IN 12

CATHEDRAL = 30 * LL 15 * DL ALL SLOPES EXT. DECK = 40 * LL 10 * DL BALCONY = 60 * LL 10 * DL EXTERIOR

STRUCTURAL FRAMING LUMBER FLOOR JOISTS, CEILING JOISTS, HEADERS, AND RAFTERS IN-GRADE BASE VALUE (USE NO MULTIPLIERS AGAINST BASE VALUE)

GRADE # 2 SPECIES HEM-FIR DOMESTIC BASE F_b = 850 SPECIFY MANUFACTURER AND NAME OF SPECIFIC BEAM PRODUCT WITH THE CURRENT SIZE, FIGURED E VALUES PER MANUFACTURER MANUFACTURER TRUS-JOIST PRODUCT MICRO LAM LVL $F_{h} = 26000$ E = 1.9 x 10 $^{\circ}$ P.S.I.

PREFABRICATED WOOD FLOOR TRUSSES TRIM JOIST, J-SERIES - SIZE AND SPACING PER TRUSS DRAWINGS

Note: Bearing Conditions

- ALL DIMENSIONAL LUMBER BEAMS TO BEAR ON 2 2×4 POST (2 - 2 × 6 AT 2 × 6 FRAME WALLS)
- . ALL DOUBLE MICROLAM BEAMS TO BEAR ON 3 2 x 4 POST
- $(3 2 \times 6 \text{ AT } 2 \times 6 \text{ FRAME WALLS})$
- 3. ALL TRIPLE MICROLAM BEAMS TO BEAR ON 4 2 x 4 POST (4 - 2 x 6 AT 2 x 6 FRAME WALLS)
- 4. ALL STEEL BEAMS TO BEAR ON 3 1/2" DIA. STEEL COLUMN
- 5. ALL SUPPORTING POSTS TO BE CONTINUOUS TO FOUNDATION
- OR DESIGNED BEAM BELOW 6. SOLID-BLOCK LOAD BEARING POSTS TO STRUCTURE BELOW

Notes: Wall Bracing

- ALL EXTERIOR WALLS TO UTILIZE SIMPLIFIED BRACING METHOD I.R.C. 2018 - R602.12 - SEE WALL SECTION SHEET
- ALL HEADERS OVER OPENINGS TO BE DESIGNED BEAMS AND / OR CONTINUOUS WHERE NOTED
- SIMPSON STRONGTIE DECK CONNECTOR SCHEDULE
- A23 ANGLE CLIPS AT RAFTERS / BEAM
- A44 ANGLE CLIPS AT BEAM / COLUMN -SOLID BLOCK COLUMNS TO FOUNDATION (CONCRETE / WOOD)
- WITH EMBEDDED (PB442) OR FASTENED (A44) POST BASE
- A352 FRAMING ANCHOR AND TAIØ2 STAIRCASE ANGLE AT STEPS HD2AHDG GUARDRAIL CONNECTOR

Floor Joist Schedule

loist a spanis	MAXIMU	M SPAN
JOIST & SPACING	NON-SLEEPING ROOMS	SLEEPING ROOMS
L / 360	40* LL - 10* DL	30* LL - 10* D
2 x 8 AT 12" O.C.	13'-2"	14'-6"
2 x 8 AT 16" O.C.	12'-Ø"	13'-2"
2 x 10 AT 12" O.C.	16'-10"	18'-6"
2 × 10 AT 16" O.C.	15'-2"	16'-10"
2 x 10 AT 16" O.C DBL. EVERY OTHER JOIST	15'-9"	17'-5"
2 x 12 AT 12" O.C.	2Ø'-4"	22'-6"
2 × 12 AT 16" O.C.	"ד-ידו	19'-8"
2 x 12 AT 16" O.C DBL. EVERY OTHER JOIST	19'-1"	21'-4"
9 1/2" TJI-25Ø AT 12" O.C.	17'-8"	
9 1/2" TJI-25Ø AT 16" O.C.	16'-1"	
11 7/8" TJI-25Ø AT 12" O.C.	21'-Ø"	
11 7/8" TJI-25Ø AT 16" O.C.	19'-2"	
11 7/8" TJI-35Ø AT 12" O.C.	22'-5"	
11 7/8" TJ1-35Ø AT 16" O.C.	2Ø'-5"	
11 7/8" TJI-550 AT 16" O.C.	23'-2"	
14" TJI-250 AT 12" O.C.	23'-10"	
14" TJI-250 AT 16" O.C.	21'-9"	
14" TJI-35Ø AT 12" O.C.	25'-6"	
14" TJI-35Ø AT 16" O.C.	23'-2"	

ALL FLOOR JOISTS SHALL BE # 2 DOMESTIC HEM-FIR OR # 2 CANADIAN SPRUCE PINE FIR OR BETTER WITH BRIDGING U.N.O. ON PLANS.

PROVIDE DBL. FLOOR JOIST BELOW ALL PARALLEL PARTITIONS, UNLESS NOTED OTHERWISE ON PLANS.

PROVIDE CROSS BRIDGING AT MAX. 8'-0" O.C.

Typical First Floor Key Notes: (NUMBERED KEY NOTES ONLY APPLY IF FOUND ON PLAN OR ELEVATION THIS SHEET - REVIEW PLAN, THEN FIND KEY NOTES)

- 1. EXISTING STAIRCASE NO WORK
- 2. UP 5 RISERS (6 3/8" RISERS / 10" TREADS)
- 3. UP 1 6" RISER
- 4. WOOD DECK / STEP(S) SLOPE AWAY FROM BUILDING 5. CONCRETE STOOP / STEP(S) - SLOPE AWAY FROM BUILDING
- 6. PAVER STOOP / STEP(S) SLOPE AWAY FROM BUILDING
- 1. STONE STOOP / STEP(S) SLOPE AWAY FROM BUILDING
- 8. TAPERED STONE BASE WITH SLOPING LIMESTONE CAP
- 9. TAPERED ROUND COLUMN WITH BASE AND CAPITAL AS SELECTED OR DESIGNED BY ARCHITECT
- 10. SMOOTH TAPERED COLUMN WITH BASE AND CAPITAL OR SQUARE POST WITH CHAMFERED CORNERS AS SELECTED OR DESIGNED BY ARCHITECT
- STRUCTURAL BEAMS, BRACKETS OR TRELLIS AS SELECTED OR DESIGNED BY ARCHITECT
- 12. CANTLIVERED BAY OR BOX WINDOW
- 13. LINE OF FLOOR ABOVE
- DIRECT VENT FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES
- OF FIREBOX WITH APPROVED FLUE AND GAS SUPPLY 15. VENT TERMINAL OF 18,000 BTU PER HOUR DIRECT VENT APPLIANCE TO BE LOCATED AT LEAST 9" FROM ANY AIR
- OPENING INTO THE BUILDING WITH AIR INTAKE LOCATION AT LEAST 12" ABOVE GRADE
- 16. DIRECT VENT FIREPLACE COMBUSTION AIR INTAKE LOCATED AT LEAST 48" AWAY FROM ANY VENT TERMINALS
- ZERO-CLR FIREPLACE WITH MINIMUM NON-COMBUSTIBLE
- FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
- RUMFORD FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
- PROVIDE LISTED COMBUSTION AIR DUCT PER MANUFACTURE
- 20. PROVIDE WOOD BLOCKING BETWEEN 33" 36" ABOVE FINISHED FLOOR IN WALLS ADJACENT TO TOILET AND SHOWER
- WOOD STAIRCASE WITH STAINED HANDRAIL, TREADS AND PAINTED NEWEL POST, BALLUSTRADES AND RISERS
- PROVIDE A STAIR NOSING NOT LESS THAN 3/4" BUT NOT MORE THAN 1 1/4"
- 23. CARPETED CARPENTER-BUILT STAIRCASE
- 24. UP 10 RISERS (7 3/16" RISERS, 10" TREADS)
- 25. DOWN RISERS (- RISERS, 10" TREADS)

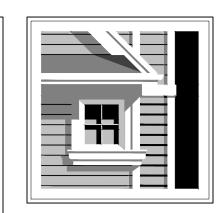
THROUGH ANY OPENING

- 26. 34" 38" HIGH HANDRAIL CONTINUOUS FULL LENGTH OF STAIR W/ 4 OR MORE RISERS (1 1/4" - 2" O.D. CIRCULAR HANDRAIL) NO PICKET SPACING TO ALLOW 4" SPHERE TO PASS
- 36"-42" HIGH GUARDRAIL MINIMUM REQUIRED PER CODE
- NO PICKET SPACING TO ALLOW 4" SPHERE TO PASS THROUGH ANY OPENING
- 28. 36"-42" HIGH WALL WITH WOOD CAP MIN. REQ. PER CODE 29. GARAGE FLOOR: 4" SEALED CONCRETE SLAB W/ 6X6XIØ WWM OVER 6 MIL. POLYETHYLENE VAPOR BARRIER WITH JOINTS

GRAVEL FILL - SLOPE 2" TOWARDS OVERHEAD DOOR

LAPPED NOT LESS THAN 6" OVER 4" WELL-COMPACTED

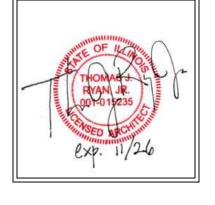
- 31. MINIMUM 6" HIGH GAS CURB
- 32. 5/8" TYPE 'X' GYPSUM BOARD ON ALL COMMON HOUSE WALLS, CEILING, STEEL AND UNDER INTERIOR STAIRCASES
- 33. MINIMUM 20 MINUTE FIRE-RATED DOOR WITH CLOSER
- 34. 12" SOFFIT BELOW SECOND FLOOR PROVIDE R-30 BATTS AND HEAT RUN INTO PLENUM SPACE
- 35. 22" x 30" MINIMUM ATTIC HATCH WITH SWITCHED LIGHT
- 36. NEW FLOOR TO BE FLUSH / LEVEL WITH EXISTING
- 37. FLOOR JOISTS 38. CEILING JOISTS
- 39. ENGINEERED ROOF TRUSSES
- 40. COMPOSITE BEAM
- 41. 2 x 6 WALL
- 42. POST ABOVE
- 43. POST CONT'D. TO FOUNDATION OR DESIGNED BEAM BELOW 44. DOUBLE FLOOR JOISTS UNDER PRIMARY TUB
- 46. DISHWASHER WITH DISCONNECT SWITCH
- 47. REFRIGERATOR WITH WATER LINE
- 48. RANGE WITH EXTERIOR VENT POWERED BY REMOTE MOTOR
- 49. COOKTOP 50. OVENS
- 51. MECHANICAL DRAFT GRILL VENTING TERMINAL TO BE LOCATED 48" HORIZONTALLY FROM WINDOW WITH AIR INTAKE LOCATION AT LEAST 12" ABOVE GRADE
- 52. DRYER EXHAUST TO EXTERIOR PER CODE
- 53. LAUNDRY CHUTE ABOVE
- 54. CONDENSING UNIT / GENERATOR LOCATION
- 55. AIR SUPPLY REGISTER
- 56. RETURN AIR GRILLE
- 57. TUB MOTOR ACCESS PANEL MINIMUM 14" HIGH x 24" WIDE
- 58. GROUND TUB MOTOR TO COLD WATER PIPE PER CODE
- 59. ELEVATOR PER MANUFACTURE INSTALLATION INSTRUCTIONS
- 60. ASFP HOSE BIBB
- 61. PLUMBING FIXTURE ABOVE
- 62. LAUNDRY TUB / SINK WITH HOT AND COLD WATER
- 63. WASHER WITH FLOOR DRAIN 64. ISLAND
- 65. PANTRY
- 66. LOWER CABINETS, COUNTER AND UPPER CABINETS
- 67. BUTLER PANTRY 68. ROD AND SHELF
- 69. DISPLAY ALCOVE
- 10. BUILT-IN BOOKCASE



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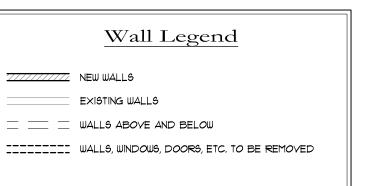
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BLDG. DEPT. REV.	Ø9.17.25	



FIRST FLOOR PLAN & GAR. 1318 S.F. - RENOV. HOUSE (INCLUDING COVERED PORCH) 461 S.F. - New House (INCLUDING COVERED PORCH)

472 S.F. - GARAGE

TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-Ø" project number 091624

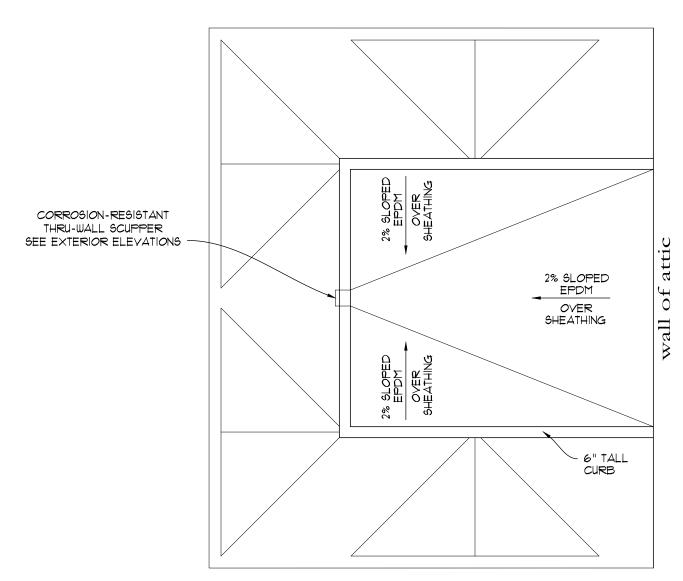


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Demolition Note

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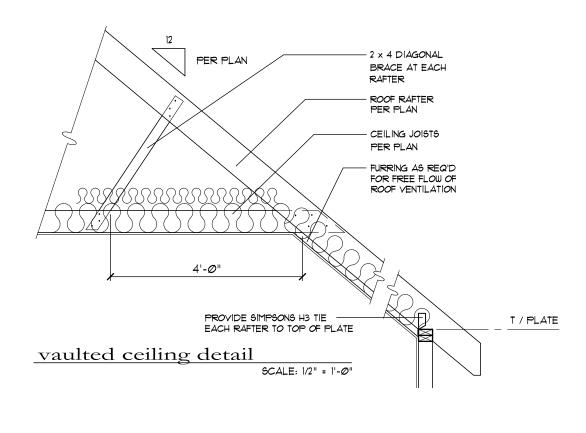


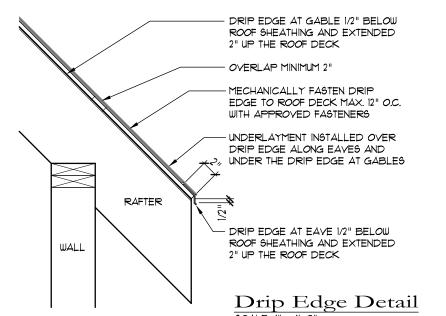
12" X 12" SELF-SUPPORTING PAVER TILES ON SCHLUTER TROBA-LEVEL LOW ASSEMBLY HEIGHT SUPPORT SYSTEM LV3/PLIØ PER MANUFACTURER'S

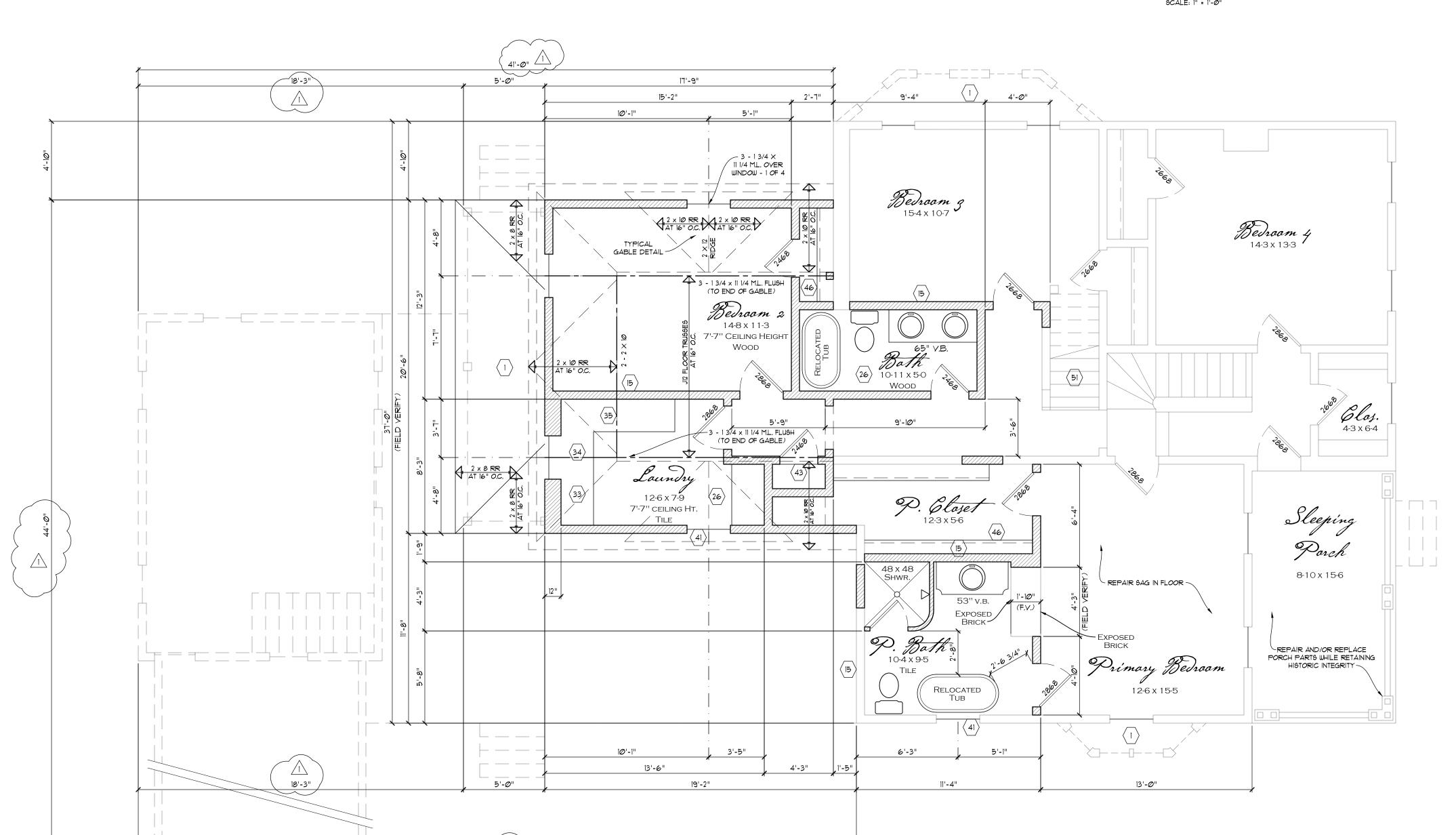
CARLISLE 'SURE-WHITE' 60 MIL. EPDM MOISTURE BARRIER SYSTEM FULLY ADHERED WITH SOLVENT-FREE EPDM BONDING ADHESIVE PER MANUFACTURER'S RECOMMENDATIONS

GAPS BETWEEN WALKING SURFACE OF TILE AND SPACE AROUND TILE SUPPORTS ON MOISTURE BARRIER TO PROVIDE VENTILATION

PROPOSED TERRACE ROOF PLAN







SOUND INSULATE ALL PLUMBING WALLS

Note: Bearing Conditions

- ALL DIMENSIONAL LUMBER BEAMS TO BEAR ON 2 2×4 POST
- (2 2 x 6 AT 2 x 6 FRAME WALLS) ALL DOUBLE MICROLAM BEAMS TO BEAR ON 3 - 2 x 4 POST
- (3 2 x 6 AT 2 x 6 FRAME WALLS)
- 3. ALL TRIPLE MICROLAM BEAMS TO BEAR ON 4 2 x 4 POST
- $(4 2 \times 6 \text{ AT } 2 \times 6 \text{ FRAME WALLS})$
- 4. ALL STEEL BEAMS TO BEAR ON 3 1/2" DIA. STEEL COLUMN
- 5. ALL SUPPORTING POSTS TO BE CONTINUOUS TO FOUNDATION
- OR DESIGNED BEAM BELOW
- 6. SOLID-BLOCK LOAD BEARING POSTS TO STRUCTURE BELOW

Ceil	ling Joist Sched	<u>lule</u>
<u>OIST SIZE</u>	JOIST SPACING	MAX. SPAN
2×4	AT 16" O.C.	6'-6"
2 × 6	AT 16" O.C.	12'-Ø"
2 × 8	AT 16" O.C.	16'-0"
2 × 8	AT 12" O.C.	18'-6"
2 × 10	AT 16" O.C.	"T-' <i>e</i> l
2 × 10	AT 12" O.C.	22'-7"
2 × 12	AT 16" O.C.	22'-8"

CEILING JOISTS SHALL BE # 2 HEM - FIR , # 2 CANADIAN SPUCE PINE FIR OR BETTER. ALL JOISTS SHALL BE MINIMUM SIZE AND SPACING PER SCHEDULE ABOVE UNLESS OTHERWISE NOTED OTHERWISE ON PLANS.

AT 12" O.C.

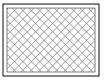
26'-3"

Roof Rafter Schedule

RAFTER SIZE	RAFTER SPACING	MAX. SPAN VLTD. CLG.	MAX. SPAN NON-VLTD.
2 × 12	16" O.C.	19'-11"	21'-1"
2 × 10	16" O.C.	17'-2"	18'-2"
2 × 100	12" O.C.	19'-10"	21'-Ø"
2 × 8	16" O.C.	14'-Ø"	14'-11"

ALL RAFTERS SHALL BE MINIMUM SIZE AND SPACING PER SCHEDULE ABOVE UNLESS OTHERWISE NOTED ON PLANS - ALL RAFTERS SHALL BE # 2 HEM - FIR (E = 1,200,000 MIN.) # 2 CANADIAN SPRUCE PINE FIR (E = 1,300,000 MIN.) OR BETTER

PROVIDE 2 x 4 COLLAR TIES AT 48" O.C. AT 8'-0" ABOVE TOP OF CEILING JOISTS AT ALL ATTICS, TYPICAL



 2×12

ROOF-BEARING INTERNAL WALL



HATCHING INDICATES OVERFRAMED ROOF PROVIDE LAY-DOWN RAFTER TO ACCEPT FULL TAIL CUT OF ROOF RAFTER AT ALL

HVAC Notes:

KITCHEN HOOD MAKEUP AIR: FAN IN KITCHEN 19 600 C.F.M. TO PROVIDE MAKEUP AIR, AN 8" ROUND 24 VOLT DAMPER WILL BE INSTALLED AT EXTERIOR WITH SCREENED INTAKE LOUVER, DAMPER WILL BE TIED INTO FIRST FLOOR RETURN. DAMPER WILL BE ACTIVATED WITH A DIFFERENTIAL PRESSURE SWITCH WITH SAMPLE TUBE INSERTED INTO HOOD DUCTWORK. UPON HOOD ACTIVATION, DAMPER WILL OPEN AND RELIEVE NEGATIVE PRESSURE CREATED BY HOOD.

WHOLE HOUSE VENTILATION SYSTEM:
VENTILATION RATE IS 90 C.F.M. CONTINUOUS AS NOTED IN TABLE
FOR 4-5 BEDROOMS. THIS WILL BE PROVIDED WITH A HONEYWELL Y-8150 VENTILATION SYSTEM. THE INTERFACE HAS A MANUAL OVERRIDE FUNCTION TO PROVIDE CONTINUOUS VENTILATION WITH DAMPER OPEN AND FURNACE FAN ACTIVATED.

FURNACES ARE DIRECT VENT. WATER HEATERS ARE 40,000 B.T.U.'S EACH. 4000CUBIC FEET IS REQUIRED TO BE CONSIDERED AN UNCONFINED SPACE. BASEMENT IS APPROXIMATELY -CUBIC FEET. IF BASEMENT WERE TO BE FINISHED, 2 OPENINGS,

10 imes10 High / LOW WOULD BE REQUIRED.

- Typical Second Flr. Key Notes: (NUMBERED KEY NOTES ONLY APPLY IF FOUND ON PLAN OR ELEVATION THIS SHEET - REVIEW PLAN, THEN FIND KEY NOTES)
- DEX-0-TEX ELASTATEX 500 WATERPROOF SURFACING BY EXECUTIVE INSTALLATIONS, BARRINGTON. IL
- DIRECT VENT FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS SUPPLY
- 4. VENT TERMINAL OF 18,000 BTU PER HOUR DIRECT VENT APPLIANCE TO BE LOCATED AT LEAST 9" FROM ANY AIR
- OPENING INTO THE BUILDING WITH AIR INTAKE LOCATION AT LEAST 12" ABOVE GRADE
- DIRECT VENT FIREPLACE COMBUSTION AIR INTAKE LOCATED AT LEAST 48" AWAY FROM ANY VENT TERMINALS
- ZERO-CLR. FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
- RUMFORD FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
- 8. DOWN RISERS (- RISERS, 10" TREADS)
- 9. UP RISERS (- RISERS, 10" TREADS)
- 10. PROVIDE A STAIR NOSING NOT LESS THAN 3/4" BUT NOT MORE THAN 1 1/4"
- 11. 34" 38" HIGH HANDRAIL CONTINUOUS FULL LENGTH OF STAIR W/ 4 OR MORE RISERS (1 1/4" - 2" O.D. CIRCULAR HANDRAIL) NO PICKET SPACING TO ALLOW 4" SPHERE TO PASS THROUGH ANY OPENING
- 36"-42" HIGH GUARDRAIL MINIMUM REQUIRED PER CODE NO PICKET SPACING TO ALLOW 4" SPHERE TO PASS THROUGH ANY OPENING
- 13. 36"-42" HIGH WALL WITH WOOD CAP MIN. REQ. PER CODE
- 14. OPEN TO BELOW
- 15. 2 x 6 WALL
- 16. FLOOR JOISTS 17. CEILING JOISTS
- 18. ENGINEERED TRUSSES
- 19. COMPOSITE BEAM
- 20. POST ABOVE
- 21. POST CONT'D. TO FOUNDATION OR DESIGNED BEAM BELOW
- 22. FRAME BEARING WALL FROM TOP OF WALL / BEAM TO UNDERSIDE OF ROOF RAFTERS
- 23. SKYLIGHT ABOVE SEE ROOF PLAN
- 24. 22" x 30" ATTIC HATCH WITH SWITCHED FLUORESCENT LIGHT - WEATHER-STRIPPED AND INSULATED TO MATCH
- SURROUNDING R-VALUES 25. LAUNDRY CHUTE
- 26. SOUND INSULATED WALLS
- 27. FURNACE
- 28. AIR SUPPLY REGISTER
- 29. RETURN AIR GRILLE 30. HOUSE ATTIC FAN
- 31. TYPE 'B' FLUE 32. MASONRY FLUE
- 33. DRYER EXHAUST TO EXTERIOR PER CODE
- 34. LAUNDRY TUB / SINK
- 35. WASHER PROVIDE PAN WITH DRAIN
- 36. FREE-STANDING SOAKING TUB
- 37. DROP-IN WHIRLPOOL TUB 38. SHOWER
- 39. SLOPED TILE SEAT / SHELF
- 40. TEMPERED GLASS DOOR AND ENCLOSURE
- 41. WINDOWS AND / OR DOORS WITH SAFETY GLAZING
- 42. WINDOW SEAT WITH STORAGE UNDER HINGED LID
- 43. LINEN CLOSET 44. BUILT-IN BOOKCASE AND / OR CABINET
- 45. BENCH
- 46. ROD AND SHELF
- 47. DRYWALL-WRAPPED OPENING 48. CASED OPENING
- 49. ARCHED DRYWALL-WRAPPED OPENING
- 50. ARCHED CASED OPENING
- 51. 1/2" DRYWALL AT UNDERSIDE OF ATTIC STAIRCASE

Design Criteria

= 40 * LL 10 * DL ALL AREAS EXCEPT SLEEPING = 30 * LL 10 * DL SLEEPING AREAS

= 60 * PLF OR ACTUAL LOAD

CEILING = 20 * LL 10 * DL ROOF SLOPES OVER 3 IN 12

ROOF = 30 * LL 10 * DL CATHEDRAL = 30 * LL 15 * DL ALL SLOPES

EXT. DECK = 40 * LL 10 * DL BALCONY = 60 * LL 10 * DL EXTERIOR

STRUCTURAL FRAMING LUMBER FLOOR JOISTS, CEILING JOISTS, HEADERS, AND RAFTERS IN-GRADE BASE VALUE (USE NO MULTIPLIERS AGAINST BASE VALUE) GRADE # 2 SPECIES HEM-FIR DOMESTIC BASE F_b = 850

SPECIFY MANUFACTURER AND NAME OF SPECIFIC BEAM PRODUCT WITH THE CURRENT SIZE, FID AND E VALUES PER MANUFACTURER MANUFACTURER TRUS-JOIST PRODUCT MICRO LAM LVL SIZE PER PLAN F_b = 2600 E = 1.9 x 10 6 P.S.I.

PREFABRICATED WOOD FLOOR TRUSSES TRIM JOIST, J-SERIES - SIZE AND SPACING PER TRUSS DRAWINGS



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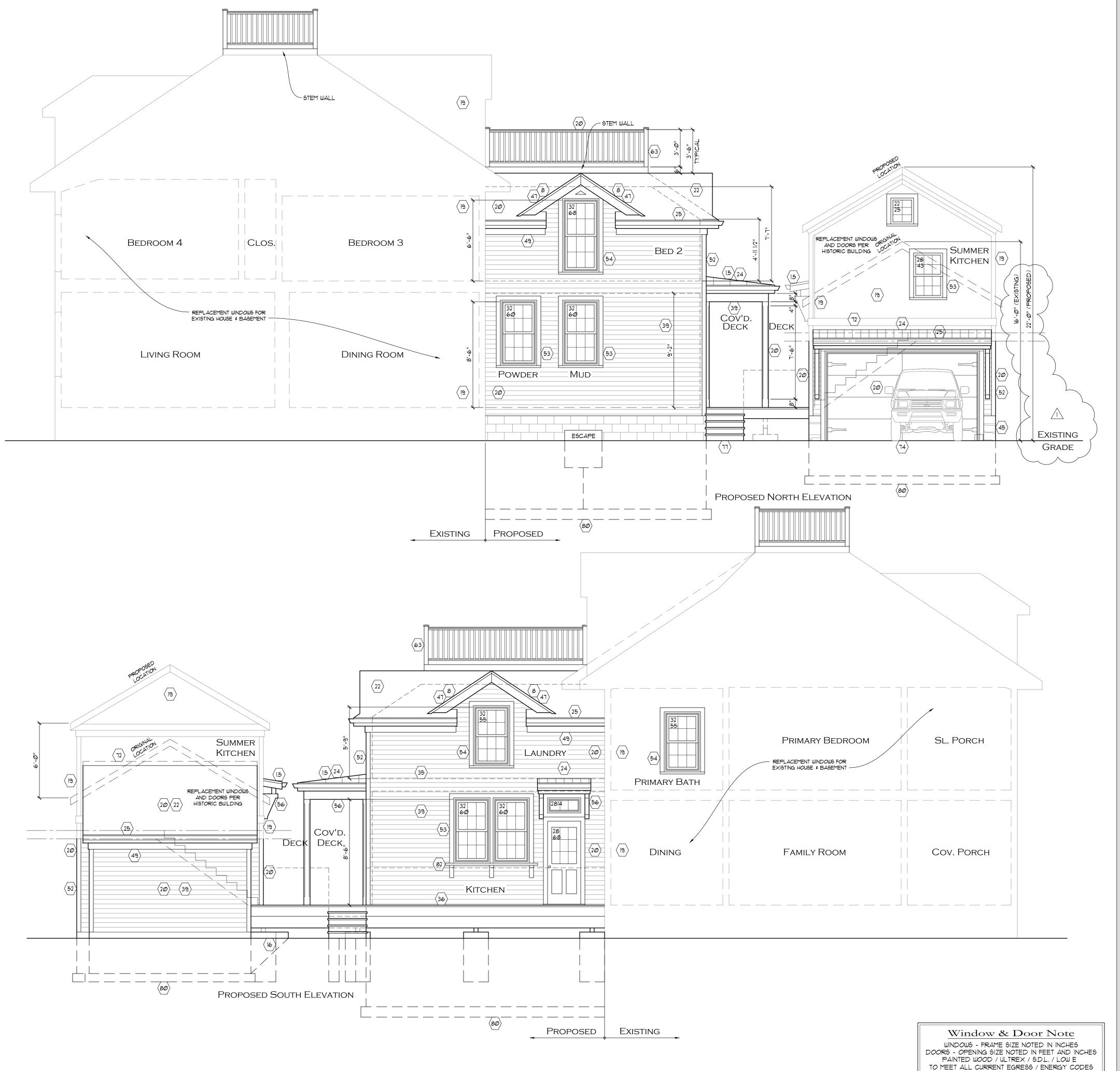


SECOND FLOOR PLAN

1318 S.F. - RENOV. HOUSE (INCLUDING COVERED PORCH) 364 S.F. - New House

> TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-0"

> > 091624





1 / 12 ROOF PITCH

3. 3 / 12 ROOF PITCH 4. 4 / 12 ROOF PITCH

5. 5 / 12 ROOF PITCH 6. 6 / 12 ROOF PITCH

7. 7 / 12 ROOF PITCH 8. 8 / 12 ROOF PITCH 10. 10 / 12 ROOF PITCH 9. 9 / 12 ROOF PITCH

11. 11 / 12 ROOF PITCH 12. 12 / 12 ROOF PITCH 14. 14 / 12 ROOF PITCH 13. 13 / 12 ROOF PITCH

15. 15 / 12 ROOF PITCH 16. 16 / 12 ROOF PITCH 17. 17 / 12 ROOF PITCH 18. 18 / 12 ROOF PITCH

19. EXISTING CONSTRUCTION

20. PROPOSED CONSTRUCTION

21. SKYLIGHT

22. ASPHALT SHINGLES 23. CEDAR SHAKE SHINGLES

24. STANDING SEAM METAL ROOF

25. ALUMINUM GUTTER, CONDUCTOR HEAD OR DOWNSPOUT

26. TOP OF CHIMNEY SHALL BE A MINIMUM 2'-0" ABOVE ALL ROOFS WITHIN A 10'-0" RADIUS

27. CHIMNEY SADDLE

28. WOOD FRAMED CHIMNEY U.L. APPROVED CHIMNEY FLUE CAP WITH SPARK ARRESTOR

26 GA. SHEET METAL CHIMNEY CAP WITH 2" DRIP EDGE 29. MASONRY CHIMNEY 6" CAST IN PLACE SLOPED CONCRETE CAP

RAIN / BIRD COVER STONE CAP WITH DRIP EDGE

30. TERRA COTTA CHIMNEY POTS

31. FIREPLACE FLUE

32. FURNACE FLUE

33. DIRECT VENT FIREPLACE EXHAUST PER MANUFACTURER 34. TOP OF PLATE

35. LINE OF FINISH SECOND FLOOR

36. LINE OF FINISH FIRST FLOOR

37. LINE OF FINISH BASEMENT FLOOR

38. - EXP. VINYL LAP SIDING OVER APPROVED BLDG. WRAP 39. BACK PRIMED AND PRE-STAINED LAP SMOOTH CEDAR LAP (- EXPOSURE) OVER APPROVED BLDG. WRAP

40. BACK PRIMED AND PRE-STAINED 1 x 2 BATTENS AT 8" OVER SMOOTH STAINED PLYWOOD OVER APPROVED BLDG. WRAP

41. BACK PRIMED AND PRE-STAINED EVEN-BUTT CEDAR

SHINGLES (- EXPOSURE) OVER APPROVED BLDG. WRAP

42. - EXP. CEMENT SIDING OVER APPROVED BLDG. WRAP

43. 4" BRICK VENEER OVER APPROVED BUILDING WRAP 44. 3-COAT STUCCO OVER METAL LATH OVER RAINSCREEN

OVER PLYWOOD SHEATHING OVER APPROVED BLDG. WRAP

45. CULTURED STONE OVER APPROVED BUILDING WRAP

5/4" x 6 FRIEZE BOARD WITH DECORATIVE PEAK

46. NATURAL STONE OVER APPROVED BUILDING WRAP 47. SMOOTH CEDAR CROWN MOLD OVER BEDMOLD OVER

48. DECORATIVE ATTIC VENT

49. SMOOTH CEDAR BEDMOLD OVER 5/4 x 6 FRIEZE BOARD

50. 1 \times 2 FLASHED SLOPING SILL OVER 5/4 \times 10 SMOOTH CEDAR BELT COURSE AT SECOND FLOOR LINE

51. 1 x 2 FLASHED SLOPING SILL OVER 5/4 x 10 SMOOTH CEDAR

WATER TABLE AT FIRST FLOOR LINE

52. 5/4 x 6 SMOOTH CEDAR CORNERBOARDS

53. SMOOTH CEDAR WINDOW SURROUND - SLOPING CROWN

OR DRIP CAP OVER 5/4 x 6 HEAD, 5/4 x 4 CASING AND SLOPING SILL WITH DRIP EDGE

54. WINDOWS AND / OR DOORS WITH SAFETY GLAZING

55. 8" TALL DECORATIVE HEAVY TIMBER HEADER WITH 30° ENDS

56. ARCH.-DESIGNED STRUCTURAL BEAM, BRACKET, TRELLIS, ETC. 57. EXPOSED RAFTER TAIL

58. FLY RAFTER

59. OPERABLE K.D. CEDAR SHUTTERS WITH TIE-BACKS

60. CANTILEVERED BAY OR BOX-BAY WINDOW 61. TYPICAL PANEL: 3/8" C.D.X. PLYWOOD WITH 1 x 4 STILE AND

62. 5/4" x TRIM BOARD: 'Z' FLASH TOP EDGE TYPICAL-PROVIDE

RAILS WITH DECORATIVE MOLDING FULL PANEL PERIMETER

1/2" PLYWOOD AT UNDER SIDE OF CANTILEVER - INSULATE WITH R-30 BATTS TO END OF CANTILEVER

63. GUARDRAIL - SEE FLOOR PLAN

64. HANDRAIL - SEE FLOOR PLAN

65. K.D. CEDAR SKIRT WITH 1 x 2 PICKETS BORDERED BY $5/4 \times 4$ STILES AND BOTTOM RAIL WITH CRITTER SCREEN

66. REMOVABLE K.D. CEDAR SCREEN PANELS

67. 8" TALL GUAGED BRICK JACK ARCH WITH 30° ENDS WITH MORTAR JOINTS CONVERGING ON ONE POINT

68. BRICK QUOINS: 5 COURSES TALL x 16" WIDE PROJECTED 1/2" FROM FACE OF BRICK

69. BRICK BASKET WEAVE DETAIL

70. 8" TALL LIMESTONE HEADER WITH 8" BEARING

71. SLOPING LIMESTONE SILL

72. 26 GA. G.I. STEPPED FLASHING

13. ADDRESS BLOCK

14. 9'-0" x 1'-0" OVERHEAD INSULATED GARAGE DOOR

75. 16'-0" x 7'-0" OVERHEAD INSULATED GARAGE DOOR

76. STOOP - SEE FLOOR PLAN

WINDOWS AND DOORS U=.30, SHGC = .26

DO NOT REMOVE WINDOW STICKERS UNTIL INSPECTED AND APPROVED ON ENERGY SHEET

17. STEP(S) - SEE FLOOR PLAN 18. CONCRETE WING WALLS - SEE FLOOR PLAN

19. WINDOW WELL - SEE FLOOR PLAN

80. CONCRETE FOUNDATION WALL / PIER BEARING MINIMUM 42" BELOW GRADE TO UNDISTURBED SOIL

81. PROVIDE EMBEDDED 1 x 2 PRESSURE TREATED NAILING STRIPS AT 16" O.C.

82. SERVING COUNTER & BRACKETS - KITCHEN SUBCONTRACTOR



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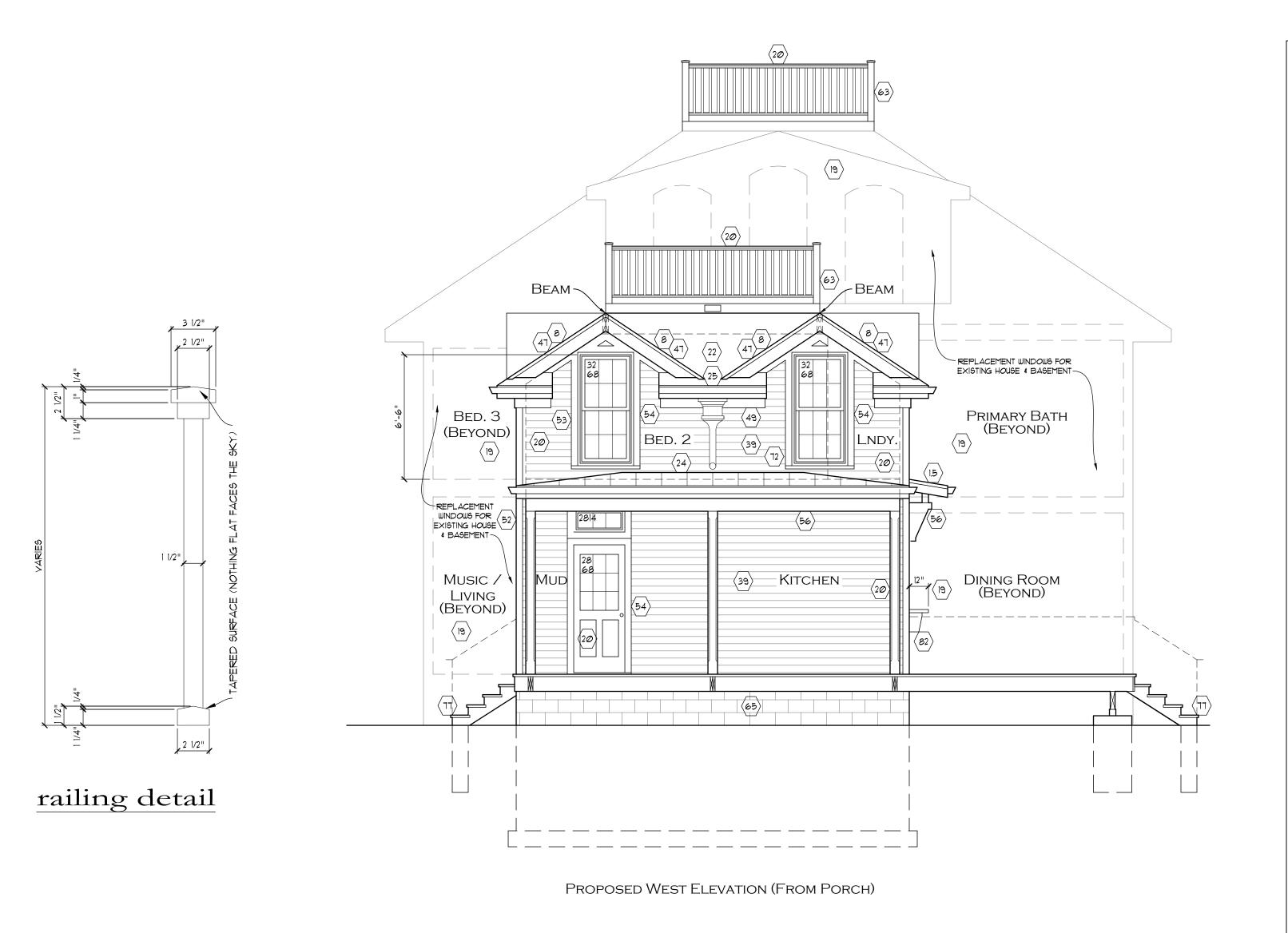
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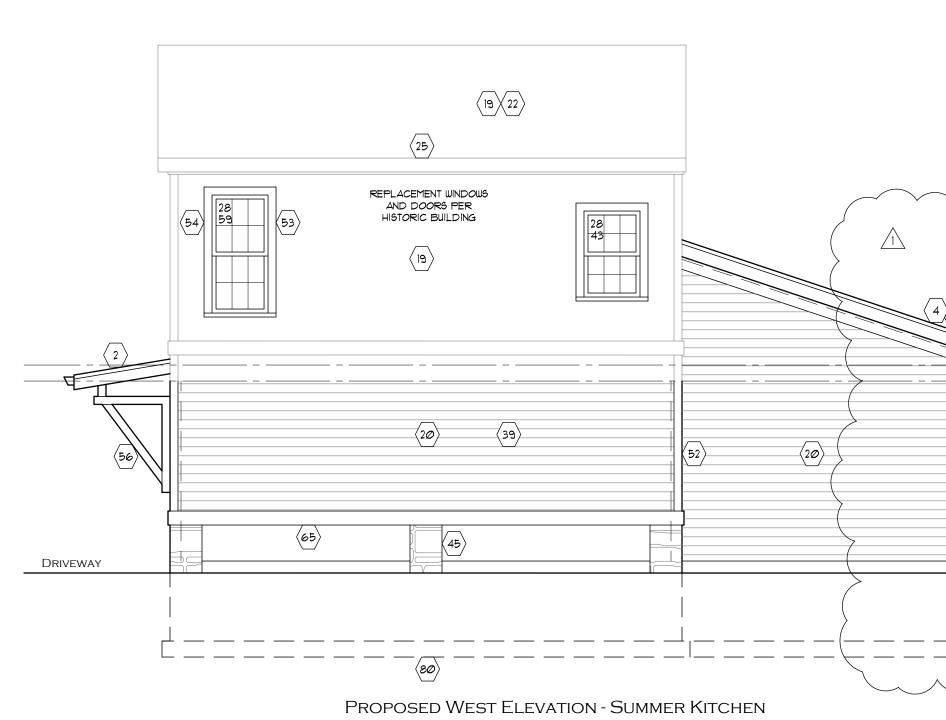


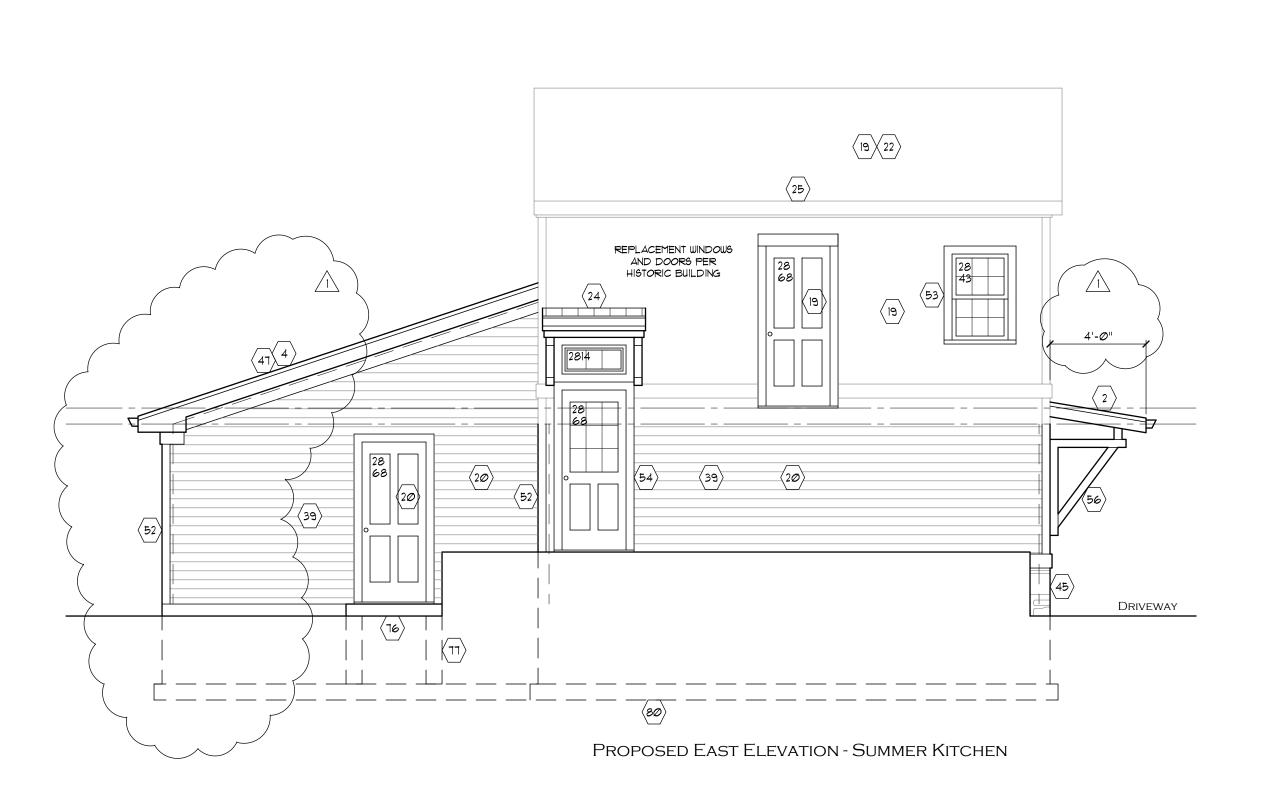


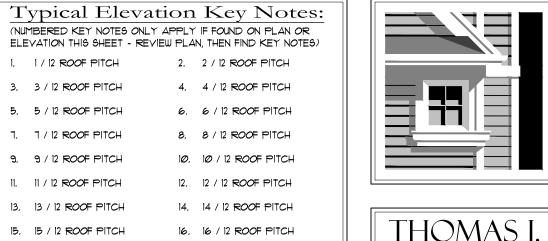
EXTERIOR ELEVATIONS

TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-0" 091624









18. 18 / 12 ROOF PITCH

17. 17 / 12 ROOF PITCH

22. ASPHALT SHINGLES

27. CHIMNEY SADDLE

29. MASONRY CHIMNEY

31. FIREPLACE FLUE

32. FURNACE FLUE

34. TOP OF PLATE

RAIN / BIRD COVER

STONE CAP WITH DRIP EDGE 30. TERRA COTTA CHIMNEY POTS

35. LINE OF FINISH SECOND FLOOR 36. LINE OF FINISH FIRST FLOOR 37. LINE OF FINISH BASEMENT FLOOR

28. WOOD FRAMED CHIMNEY

23. CEDAR SHAKE SHINGLES

24. STANDING SEAM METAL ROOF

25. ALUMINUM GUTTER, CONDUCTOR HEAD OR DOWNSPOUT

26. TOP OF CHIMNEY SHALL BE A MINIMUM 2'-0" ABOVE

6" CAST IN PLACE SLOPED CONCRETE CAP

33. DIRECT VENT FIREPLACE EXHAUST PER MANUFACTURER

38. - EXP. VINYL LAP SIDING OVER APPROVED BLDG. WRAP 39. BACK PRIMED AND PRE-STAINED LAP SMOOTH CEDAR LAP (- EXPOSURE) OVER APPROVED BLDG. WRAP 40. BACK PRIMED AND PRE-STAINED 1 x 2 BATTENS AT 8" OVER SMOOTH STAINED PLYWOOD OVER APPROVED BLDG. WRAP

41. BACK PRIMED AND PRE-STAINED EVEN-BUTT CEDAR SHINGLES (- EXPOSURE) OVER APPROVED BLDG. WRAP

42. - EXP. CEMENT SIDING OVER APPROVED BLDG. WRAP 43. 4" BRICK VENEER OVER APPROVED BUILDING WRAP

44. 3-COAT STUCCO OVER METAL LATH OVER RAINSCREEN OVER PLYWOOD SHEATHING OVER APPROVED BLDG. WRAP

49. SMOOTH CEDAR BEDMOLD OVER 5/4 x 6 FRIEZE BOARD

50. 1×2 FLASHED SLOPING SILL OVER 5/4 \times 10 SMOOTH CEDAR BELT COURSE AT SECOND FLOOR LINE

51. 1 \times 2 FLASHED SLOPING SILL OVER 5/4 \times 10 SMOOTH CEDAR

55. 8" TALL DECORATIVE HEAVY TIMBER HEADER WITH 30° ENDS 56. ARCH.-DESIGNED STRUCTURAL BEAM, BRACKET, TRELLIS, ETC.

53. SMOOTH CEDAR WINDOW SURROUND - SLOPING CROWN OR DRIP CAP OVER 5/4 x 6 HEAD, 5/4 x 4 CASING

54. WINDOWS AND / OR DOORS WITH SAFETY GLAZING

59. OPERABLE K.D. CEDAR SHUTTERS WITH TIE-BACKS

61. TYPICAL PANEL: 3/8" C.D.X. PLYWOOD WITH 1 x 4 STILE AND RAILS WITH DECORATIVE MOLDING FULL PANEL PERIMETER 62. 5/4" x TRIM BOARD: 'Z' FLASH TOP EDGE TYPICAL-PROVIDE 1/2" PLYWOOD AT UNDER SIDE OF CANTILEVER - INSULATE

60. CANTILEVERED BAY OR BOX-BAY WINDOW

WITH R-30 BATTS TO END OF CANTILEVER

66. REMOVABLE K.D. CEDAR SCREEN PANELS

70. 8" TALL LIMESTONE HEADER WITH 8" BEARING

14. 9'-0" x 1'-0" OVERHEAD INSULATED GARAGE DOOR

75. 16'-0" x 7'-0" OVERHEAD INSULATED GARAGE DOOR

80. CONCRETE FOUNDATION WALL / PIER BEARING MINIMUM

81. PROVIDE EMBEDDED 1 x 2 PRESSURE TREATED NAILING

82. SERVING COUNTER & BRACKETS - KITCHEN SUBCONTRACTOR

18. CONCRETE WING WALLS - SEE FLOOR PLAN

42" BELOW GRADE TO UNDISTURBED SOIL

65. K.D. CEDAR SKIRT WITH 1 x 2 PICKETS BORDERED BY $5/4 \times 4$ STILES AND BOTTOM RAIL WITH CRITTER SCREEN

67. 8" TALL GUAGED BRICK JACK ARCH WITH 30° ENDS WITH MORTAR JOINTS CONVERGING ON ONE POINT 68. BRICK QUOINS: 5 COURSES TALL x 16" WIDE PROJECTED

63. GUARDRAIL - SEE FLOOR PLAN 64. HANDRAIL - SEE FLOOR PLAN

1/2" FROM FACE OF BRICK 69. BRICK BASKET WEAVE DETAIL

71. SLOPING LIMESTONE SILL

13. ADDRESS BLOCK

Window & Door Note

WINDOWS - FRAME SIZE NOTED IN INCHES

DOORS - OPENING SIZE NOTED IN FEET AND INCHES PAINTED WOOD / ULTREX / S.D.L. / LOW E

TO MEET ALL CURRENT EGRESS / ENERGY CODES

WINDOWS AND DOORS U=.30, SHGC = .26

DO NOT REMOVE WINDOW STICKERS UNTIL INSPECTED AND APPROVED ON ENERGY SHEET

72. 26 GA. G.I. STEPPED FLASHING

76. STOOP - SEE FLOOR PLAN

11. STEP(S) - SEE FLOOR PLAN

STRIPS AT 16" O.C.

19. WINDOW WELL - SEE FLOOR PLAN

WATER TABLE AT FIRST FLOOR LINE 52. 5/4 x 6 SMOOTH CEDAR CORNERBOARDS

AND SLOPING SILL WITH DRIP EDGE

45. CULTURED STONE OVER APPROVED BUILDING WRAP 46. NATURAL STONE OVER APPROVED BUILDING WRAP 47. SMOOTH CEDAR CROWN MOLD OVER BEDMOLD OVER 5/4" x 6 FRIEZE BOARD WITH DECORATIVE PEAK

48. DECORATIVE ATTIC VENT

57. EXPOSED RAFTER TAIL

58. FLY RAFTER

U.L. APPROVED CHIMNEY FLUE CAP WITH SPARK ARRESTOR 26 GA. SHEET METAL CHIMNEY CAP WITH 2" DRIP EDGE

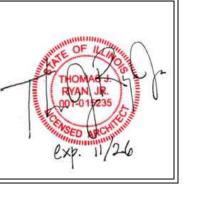
ALL ROOFS WITHIN A 10'-0" RADIUS

21. SKYLIGHT

19. EXISTING CONSTRUCTION 20. PROPOSED CONSTRUCTION THOMAS J. WWW.TJR.JAR.CH.COM TEL: 630.428.3830

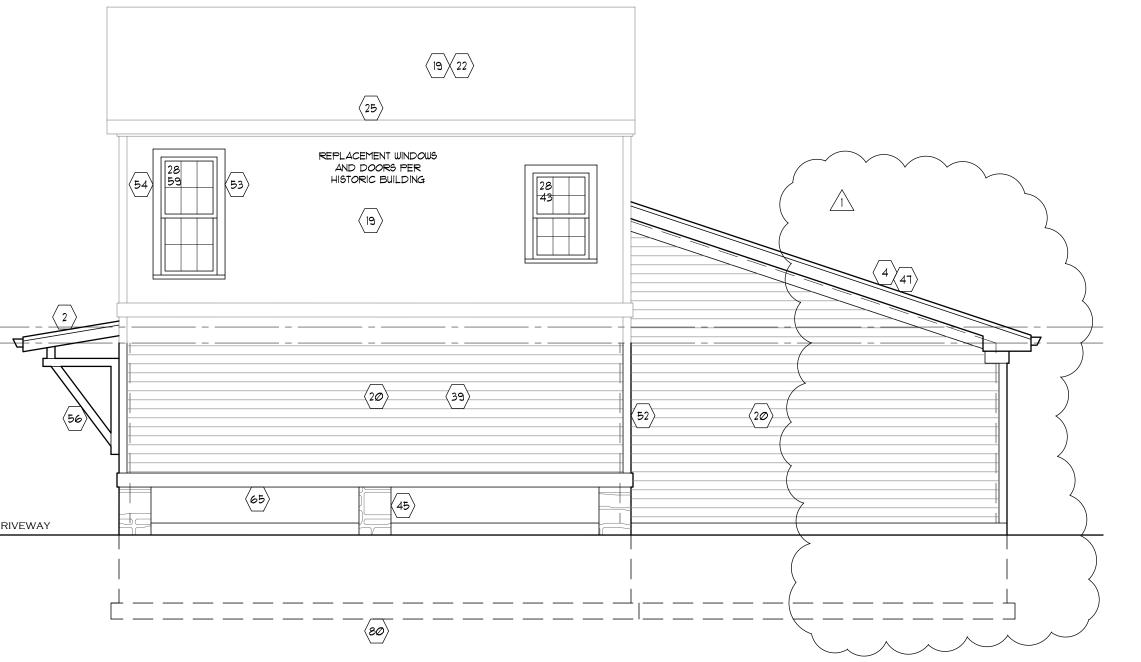
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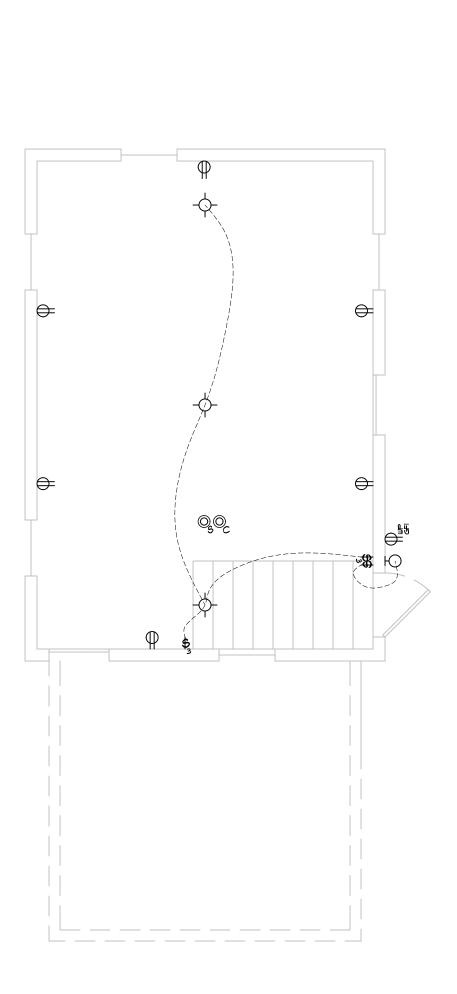
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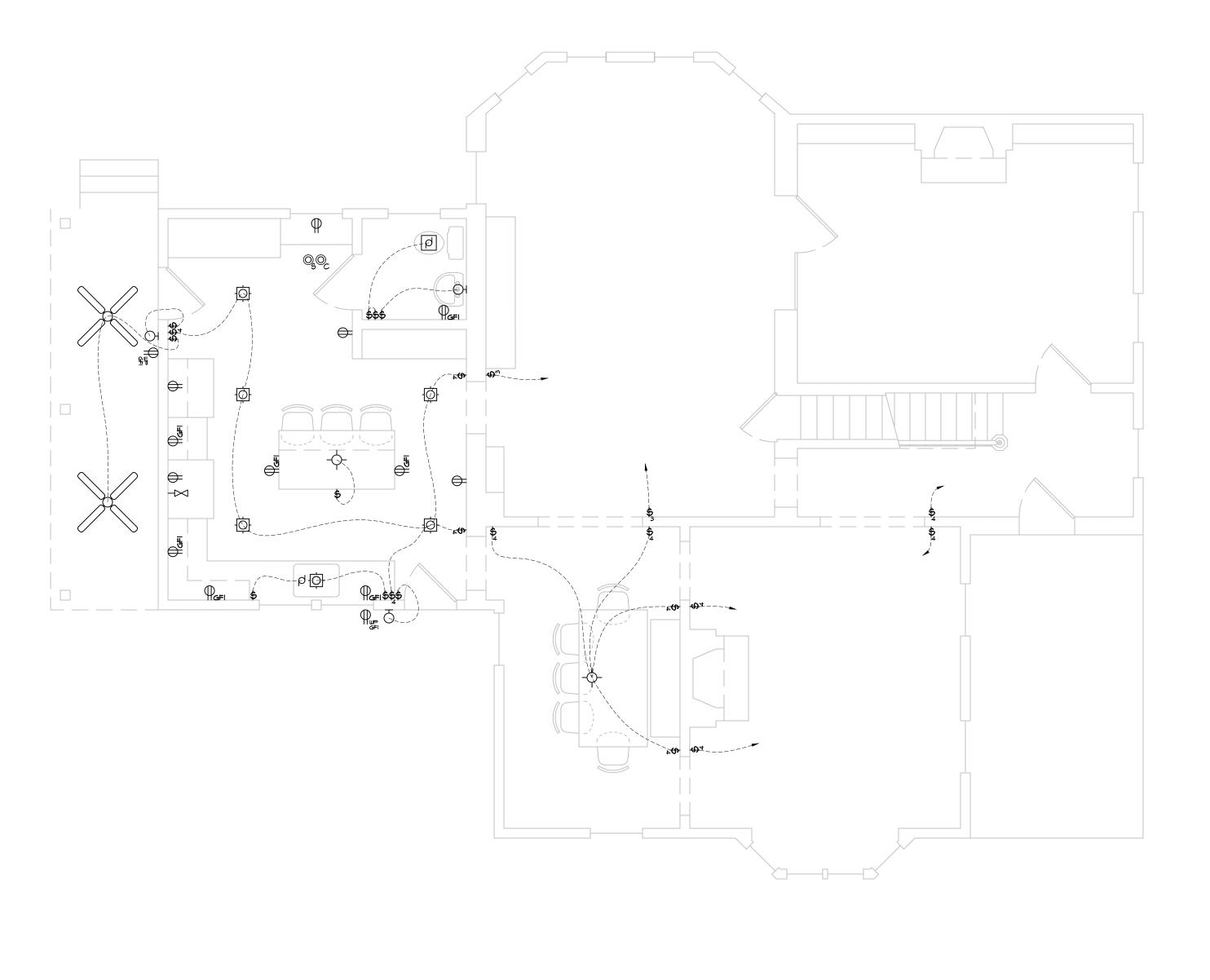


EXTERIOR ELEVATIONS

TJR Ø91624CD Ø9 / IT / 25 1/4" = 1'-0" project number 091624 s h e e t







DE 120 V. DUPLEX OUTLET -O- PULL CHAIN FIXTURE

EX 220 V. OUTLET -O- CEILING MOUNTED FIXTURE

GROUND FAULT INTERRUPT OF RECESSED LED. FIXTURE

GROUND FAULT INTERRUPT OF RECESSED L.E.D. FIXTURE
OUTLET

WET LOCATION FIXTURE
FLUORESCENT FIXTURE

FLUORESCENT FIXTURE

| 120 V. DUPLEX OUTLET ON FLOOR OR CEILING | WALL MOUNTED FIXTURE

| THERMOSTAT | D EXHAUST FAN WITH LIGHT

Electrical Key:

SINGLE POLE SWITCH OF GARBAGE DISPOSAL ON DIMMER SWITCH (G.F.I. AT WET LOCATIONS) OF SMOKE DETECTOR WIRED IN SERIES WITH BATTERY BACKUP

TO LIGHT ABOVE OR BELOW

497 FOUR WAY SWITCH

√ FLOOD LIGHT

CARBON MONOXIDE
DETECTOR WIRED IN SERIES
WITH BATTERY BACKUP

BRACED & FAN RATED
JUNCTION BOX SWITCHED
AT WALL FOR LIGHT & FAN

PROVIDE RECESS INCANDESCENT LIGHT FIXTURE WITH SOLID LENS OR FLUORESCENTS IN ALL CLOSETS 2'-0" DEEP OR LESS ALL RECESSED CAN FIXTURES SHALL HAVE LENS COVERS AND BE NO LESS THAN 6" HORIZONTALLY IN FRONT OF CLOSET SHELF OR STORAGE AREAS IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE

FIRE, \$MOKE, AND CARBON MONOXIDE DETECTOR\$ SHALL BE HARDWIRED AND CONNECTED FOR SIMULTANEOUS ACTUATION. PROVIDE A MINIMUM ONE PER FLOOR AND MINIMUM 14'-Ø" FROM ALL BEDROOM DOOR\$.

ALL ELECTRICAL INSTALLATIONS SHALL BE PER THE NATIONAL ELECTRICAL CODE AND PER LOCAL ORDINANCES.

CENTERLINE OF WALL SWITCHES ON FIRST FLOOR NOT TO EXCEED 48" ABOVE FINISHED FLOOR

CENTERLINE OF RECEPTACLES ON FIRST FLOOR TO BE NOT LESS THAN 15" ABOVE FINISHED FLOOR

20 AMP CIRCUIT REQUIRES 20 AMP RECEPTACLE
PROVIDE AFCI PROTECTION IN BEDROOMS (2008 NEC 210.12B)

FOLLOW RECEPTACLE REQUIREMENTS - WALL SPACE 210.52 (A)
COUNTERTOP 210.52 (C) & EXTERIOR 210.52 (E)

INTERIOR LIGHTING CONTROLS. PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE CONTROLLED WITH EITHER A DIMMER, AN OCCUPANT SENSOR CONTROL OR OTHER CONTROL THAT IS INSTALLED OR BUILT INTO THE FIXTURE



THOMAS J.

RYAN, JR.

ARCHITECT

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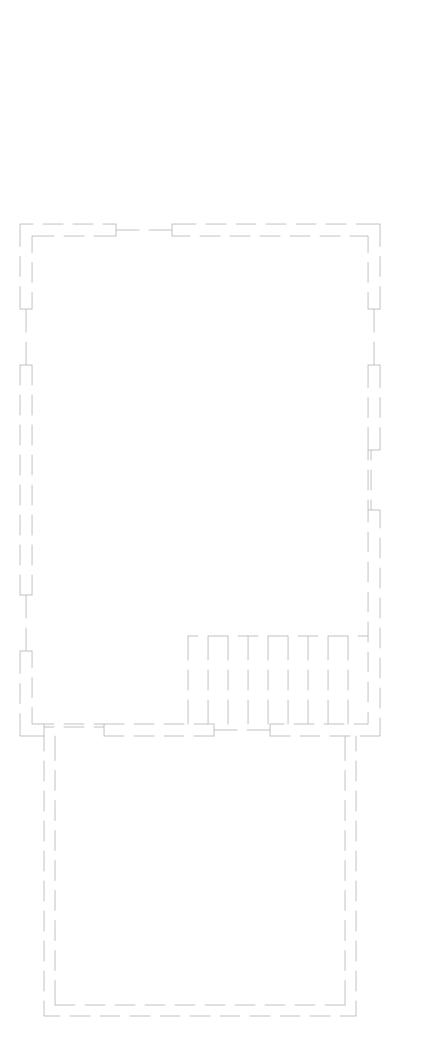


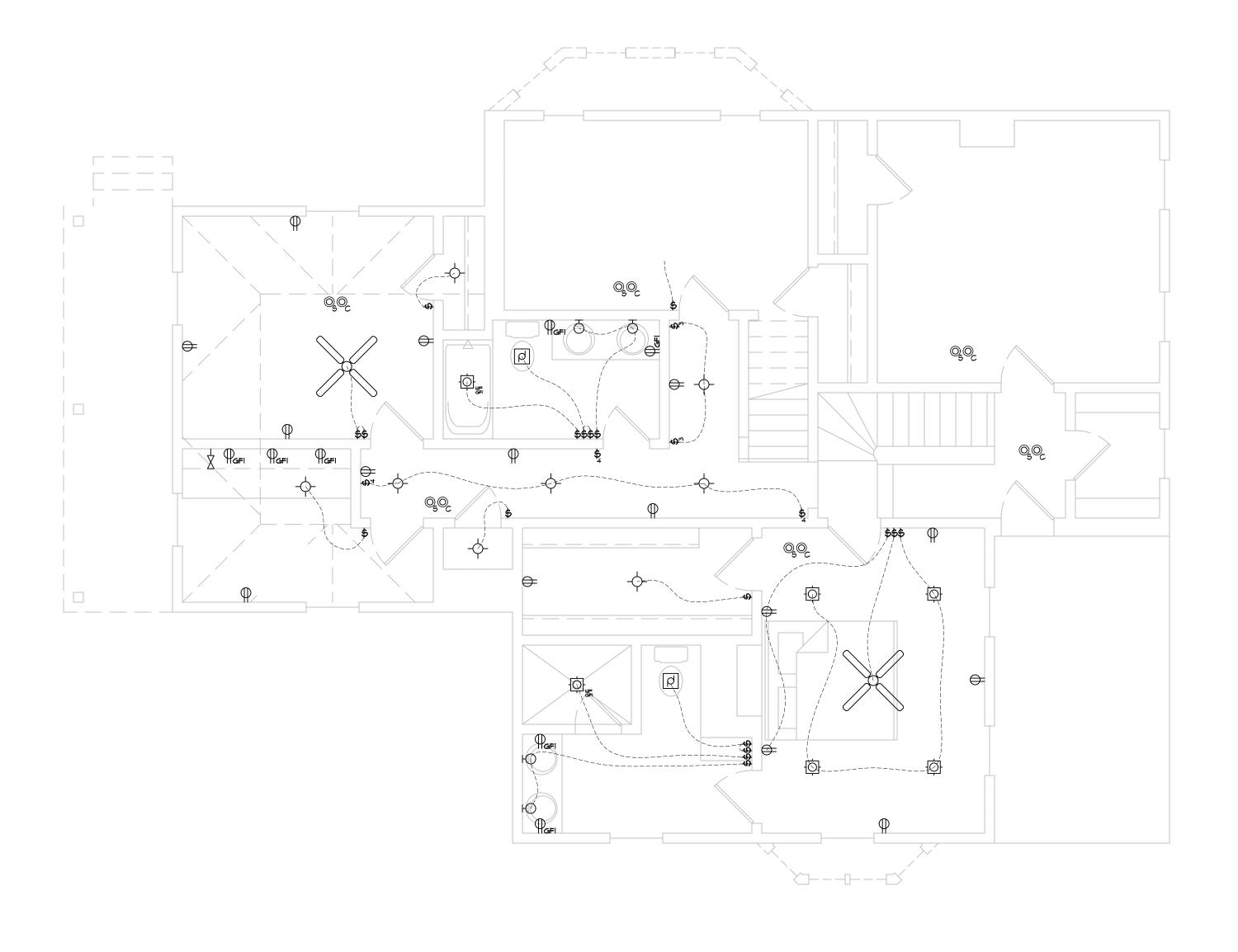
Sayn Sleight Street Naperville, IL Renovation & Addition

FIRST FLOOR ELECTRICAL

drawn	TJR	
file name	Ø91624CD	
date	Ø9 / 17 / 25	
scale	1/4" = 1'-0"	
project number	091624	







Electrical Key:

€ 22*Ø ∨. O*UTLET

TO LIGHT ABOVE OR BELOW

FLOOD LIGHT

120 V. DUPLEX OUTLET - PULL CHAIN FIXTURE -O- CEILING MOUNTED FIXTURE GROUND FAULT INTERRUPT OF RECESSED L.E.D. FIXTURE

WET LOCATION FIXTURE - FLUORESCENT FIXTURE Q 120 V. DUPLEX OUTLET ON FLOOR OR CEILING WALL MOUNTED FIXTURE

P EXHAUST FAN WITH LIGHT THERMOSTAT 49 SINGLE POLE SWITCH p garbage disposal ON DIMMER SWITCH

(G.F.I. AT WET LOCATIONS) O SMOKE DETECTOR WIRED IN SERIES WITH BATTERY +9° THREE WAY SWITCH BACKUP **49**7 FOUR WAY SWITCH

O CARBON MONOXIDE
DETECTOR WIRED IN SERIES WITH BATTERY BACKUP BRACED & FAN RATED

AT WALL FOR LIGHT & FAN PROVIDE RECESS INCANDESCENT LIGHT FIXTURE WITH SOLID LENS OR FLUORESCENTS IN ALL CLOSETS 2'-0" DEEP OR LESS ALL RECESSED CAN FIXTURES SHALL HAVE LENS COVERS AND BE NO LESS THAN 6" HORIZONTALLY IN FRONT OF CLOSET SHELF OR STORAGE AREAS IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE

JUNCTION BOX SWITCHED

FIRE, SMOKE, AND CARBON MONOXIDE DETECTORS SHALL BE HARDWIRED AND CONNECTED FOR SIMULTANEOUS ACTUATION. PROVIDE A MINIMUM ONE PER FLOOR AND MINIMUM 14'-0"

FROM ALL BEDROOM DOORS. ALL ELECTRICAL INSTALLATIONS SHALL BE PER THE NATIONAL ELECTRICAL CODE AND PER LOCAL ORDINANCES. CENTERLINE OF WALL SWITCHES ON FIRST FLOOR NOT TO EXCEED 48" ABOVE FINISHED FLOOR CENTERLINE OF RECEPTACLES ON FIRST FLOOR TO

20 AMP CIRCUIT REQUIRES 20 AMP RECEPTACLE PROVIDE AFCI PROTECTION IN BEDROOMS (2008 NEC 210.12B) FOLLOW RECEPTACLE RÉQUIREMENTS - WALL SPACE 210.52 (A) COUNTERTOP 210.52 (C) & EXTERIOR 210.52 (E)

BE NOT LESS THAN 15" ABOVE FINISHED FLOOR

INTERIOR LIGHTING CONTROLS. PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE CONTROLLED WITH EITHER A DIMMER, AN OCCUPANT SENSOR CONTROL OR OTHER CONTROL THAT IS INSTALLED OR BUILT INTO THE FIXTURE

ARCHITECT WWW.TJRJARCH.COM TEL: 630.428.3830

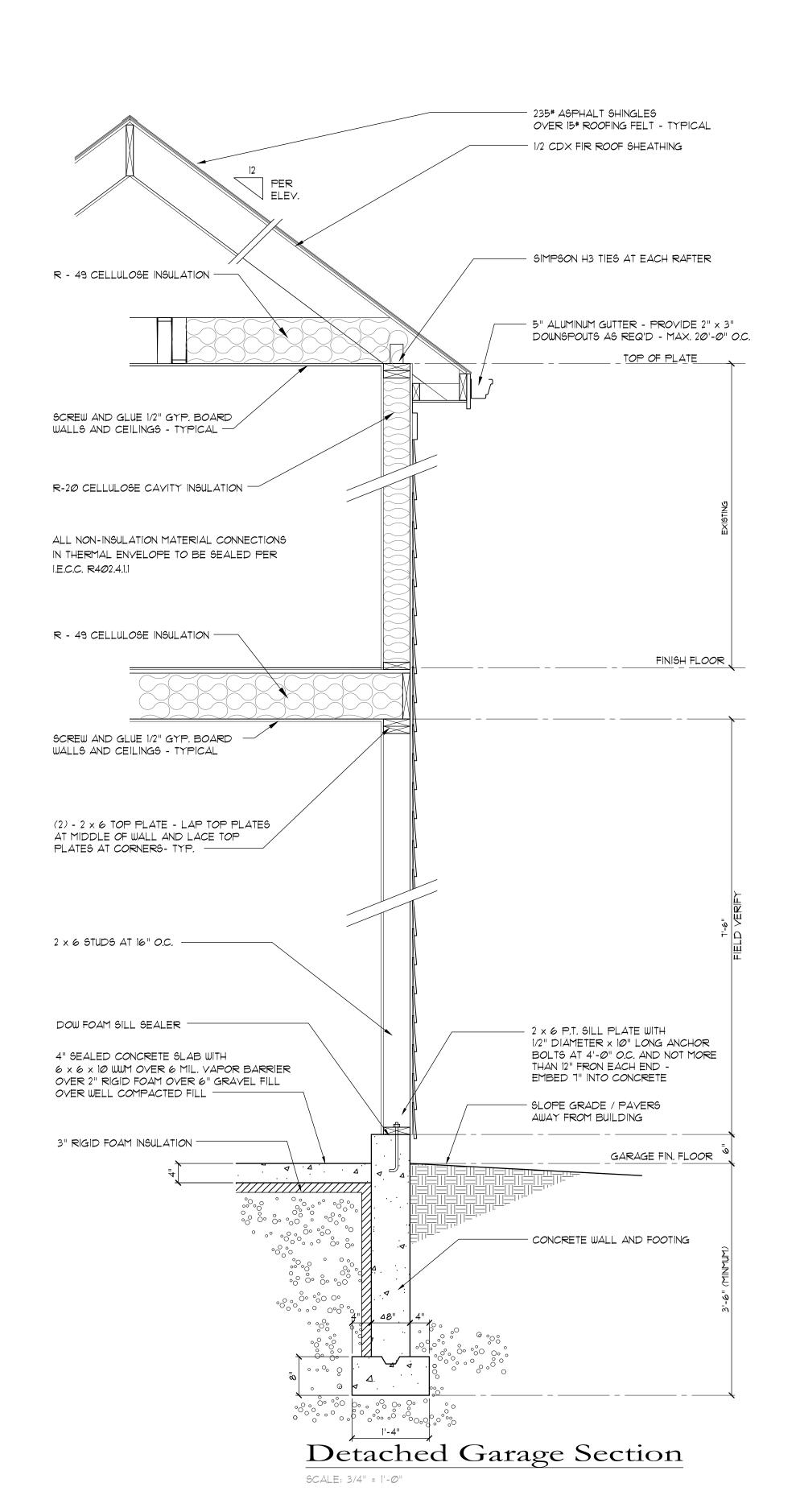
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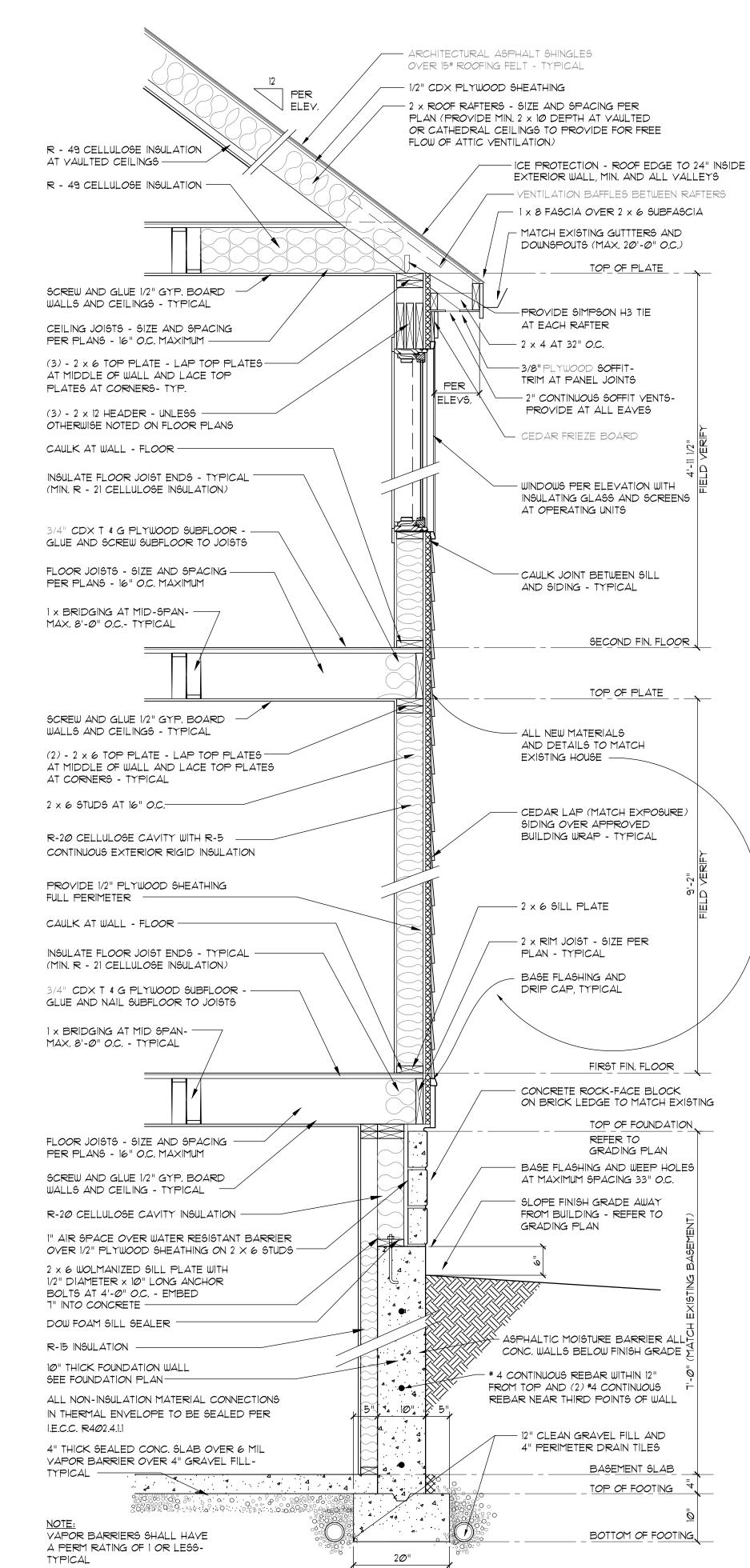
description	date
BLDG. DEPT. REV.	Ø9.17.25



SECOND FLOOR ELECTRICAL

drawn	TJR
file name	Ø91624CD
date	<i>Ø</i> 9 / 17 / 25
scale	1/4" = 1'-0"
project number	091624





typical new frame wall section

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



THOMAS J.

RYAN, JR.

ARCHITECT

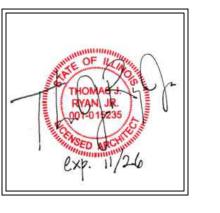
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description	date



Say N. Sleight Street Naperville, IL Renovation & Addition

WALL SECTIONS

 drawn
 TJR

 file name
 Ø 9 1 6 2 4 C D

 date
 Ø 9 / 17 / 25

 scale
 3/4" = 1'-Ø"

 project number
 Ø 9 1 6 2 4

 s h e e t
 s h e e t

8