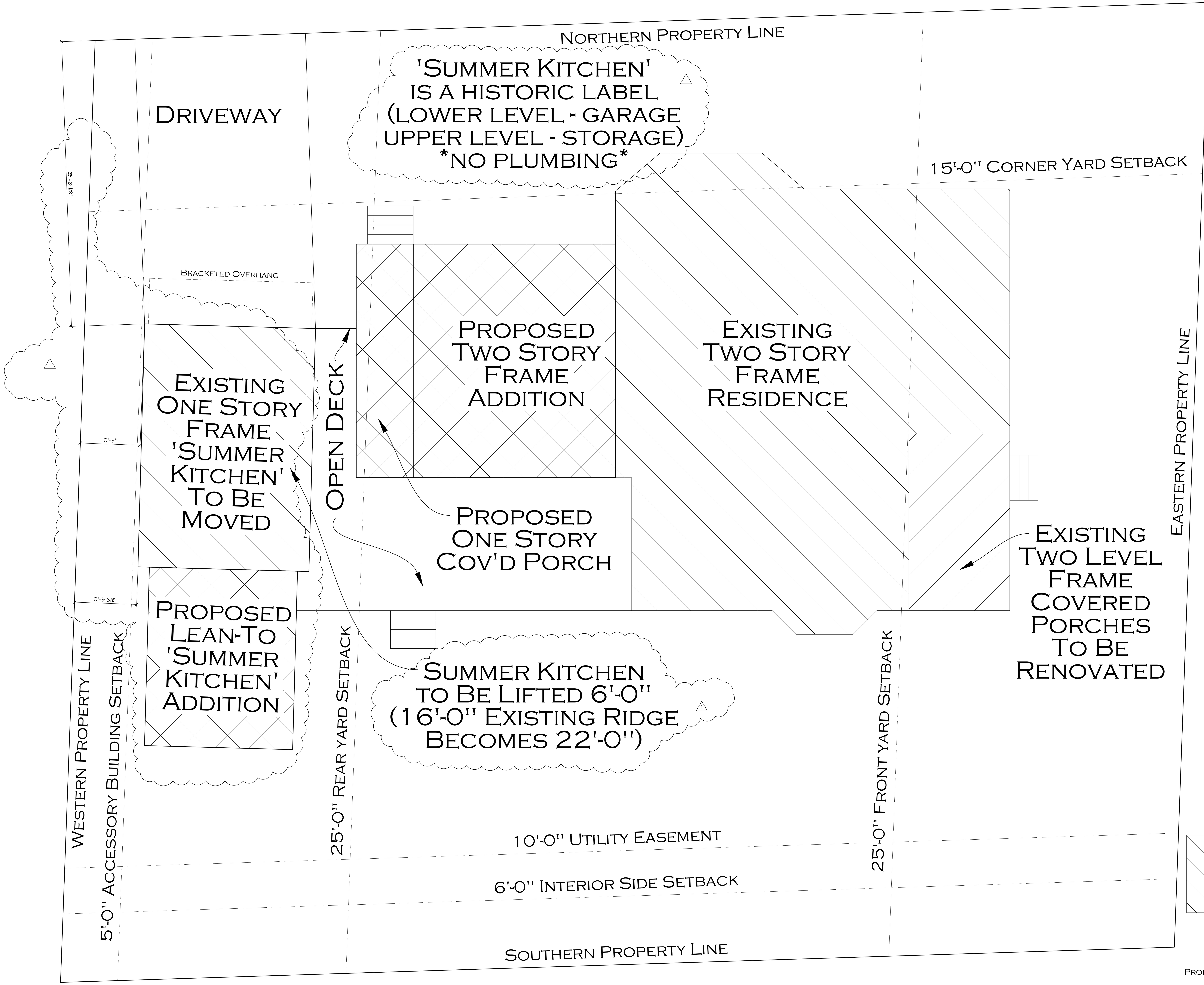


Index of Drawings

S	architectural site plan
D1	first & second floor demolition plans
1	foundation / demolition / elect. plan
2	first floor plan
3	second floor & roof plan
4	exterior elevations
5	exterior elevations
6	first floor electrical
7	second floor electrical
8	wall sections

existing structure

proposed structure

General Notes

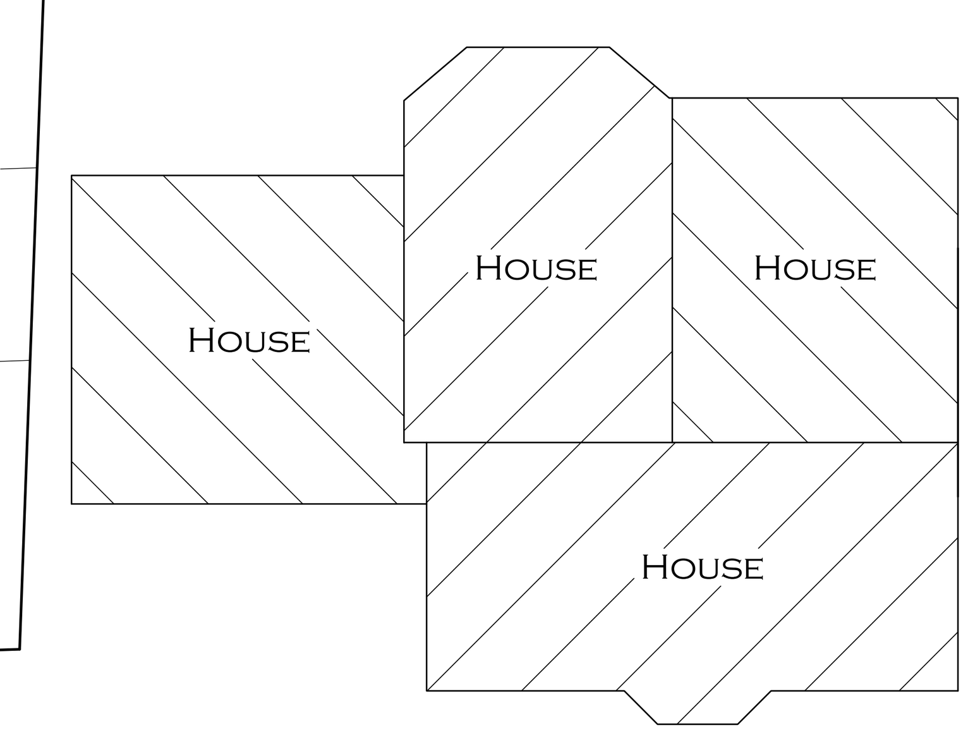
1. ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING INSTALLATIONS SHALL BE PER APPLICABLE NATIONAL CODES AND PER LOCAL ORDINANCES.
2. PROVIDE SIMPSON H3 TIES AT EACH ROOF RAFTER FOR CONNECTION OF RAFTER TO WALL PLATE AT THE FOLLOWING CONDITIONS:
   A. CEILING JOISTS ARE NOT PRESENT
   B. CEILING JOISTS ARE NOT PARALLEL TO ROOF RAFTERS
   C. CEILING JOISTS ARE NOT CONNECTED TO ROOF RAFTERS AT WALL PLATE
3. ALL FIREPLACE HEARTHS MUST EXTEND A MINIMUM OF 20" FROM FACE OF FIREPLACE.
4. ALL GLAZING TO FOLLOW 2018 IECC AS REQUIRED WITH MAXIMUM 'U' VALUE OF .30
5. NISTALL TYPE 'L' COPPER OR BETTER WATER DISTRIBUTION PIPE.
6. NO MORE THAN 12'-0" PERMITTED BETWEEN ELECTRICAL RECEPTACLES AND SHALL BE LOCATED NOT MORE THAN 6'-0" FROM AN OPENING IN A WALL.
7. SPACE BETWEEN RAILING OR OTHER CONSTRUCTION TO BE LESS THAN 4" IN DIAMETER
8. ALL EXPOSED INSULATION, TYPICAL AT THE RIM JOIST AND AT UNFINISHED BASEMENT WALLS, TO HAVE A FLAME SPREAD RATING OF 25 OR LESS.
9. PROVIDE SEMI-PERMANENT GUARDRAIL AT DOOR OPENING UNTIL INSTALLATION OF DECK OR PAVER PATIO
10. PROVIDE LISTED COMBUSTION AIR DUCTS PER MANUFACTURERS INSTRUCTIONS
11. ALL COLUMNS TO BE RESTRAINED AT BASE TO PREVENT LATERAL DISPLACEMENT
12. FIREBLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE FIRE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE AND FOLLOW I.R.C. R302.11
13. CONTRACTOR TO VERIFY EXISTING SOIL BEARING CAPACITY AT PROPOSED ADDITION IS MINIMUM 1500 P.S.F. IN LIEU OF GEOTECHNICAL PROOF OF 3000 P.S.F. BEARING
14. FLOOR-CEILING, WALL ASSEMBLIES, CRAWL SPACES, AND ATTIC SPACE INSULATION TO CONFORM TO ASTM E84 PER
15. PROVIDE 10% FREE ELECTRICAL PANEL SPACE
16. MAINTAIN THE MINIMUM O.S.H.A. CLEARANCE OF 10'-0" BETWEEN ANY BARE OVERHEAD ELECTRICAL CONDUCTOR AND ANY WORKER OR EQUIPMENT DURING CONSTRUCTION
17. DRAFTSTOPPING SHALL EQUALLY DIVIDE CONCEALED FLOOR / CEILING ASSEMBLIES OVER 1000 SQUARE FEET AND FOLLOW I.R.C. R302.12
18. ALL PLUMBING FIXTURES TO BE WATERSENSE

Adopted Building Codes

(a) 2018 INTERNATIONAL RESIDENTIAL CODE
(b) ILLINOIS ENERGY CONSERVATION CODE, CURRENT EDITION
(c) 2018 INTERNATIONAL FUEL GAS CODE
(d) 2018 INTERNATIONAL MECHANICAL CODE
(e) 2018 INTERNATIONAL PLUMBING CODE
(f) 2006 INTERNATIONAL ELECTRIC CODE (ADMIN. SECTION ONLY)
(g) 2017 NATIONAL ELECTRIC CODE (N.E.C.)
(h) ILLINOIS STATE PLUMBING CODE, CURRENT EDITION
(i) LOCAL AMENDMENTS PER NAPERVILLE MUNICIPAL CODE

Bidding Note

MATCHING OF EXTERIOR AND INTERIOR DETAILS WILL BE CRITICAL TO THE SUCCESS OF THE FOLLOWING PROJECT. GENERAL CONTRACTOR AND ALL ASSOCIATED TRADES TO VISIT THE SITE PRIOR TO BID PREPARATION.
ANY ADDITIONS AND / OR CLARIFICATIONS WILL BE ISSUED TO ALL GENERAL CONTRACTORS PRIOR TO BID COMPLETION DATE.



Probable Existing 4-House Assembly over Time

THOMAS J. RYAN, JR. ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25

STATE OF ILLINOIS THOMAS J. RYAN JR. 001-015235 LICENSED ARCHITECT
exp. 11/26

Coronel House
337 N. Sleight Street
Naperville, IL
Renovation & Addition

Arch. Site Plan

drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-0"
project number	091624

sheet

S

1

EXHIBIT C

Wall Legend

EXISTING WALLS
WALLS ABOVE AND BELOW

Verification Note

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Demolition Note

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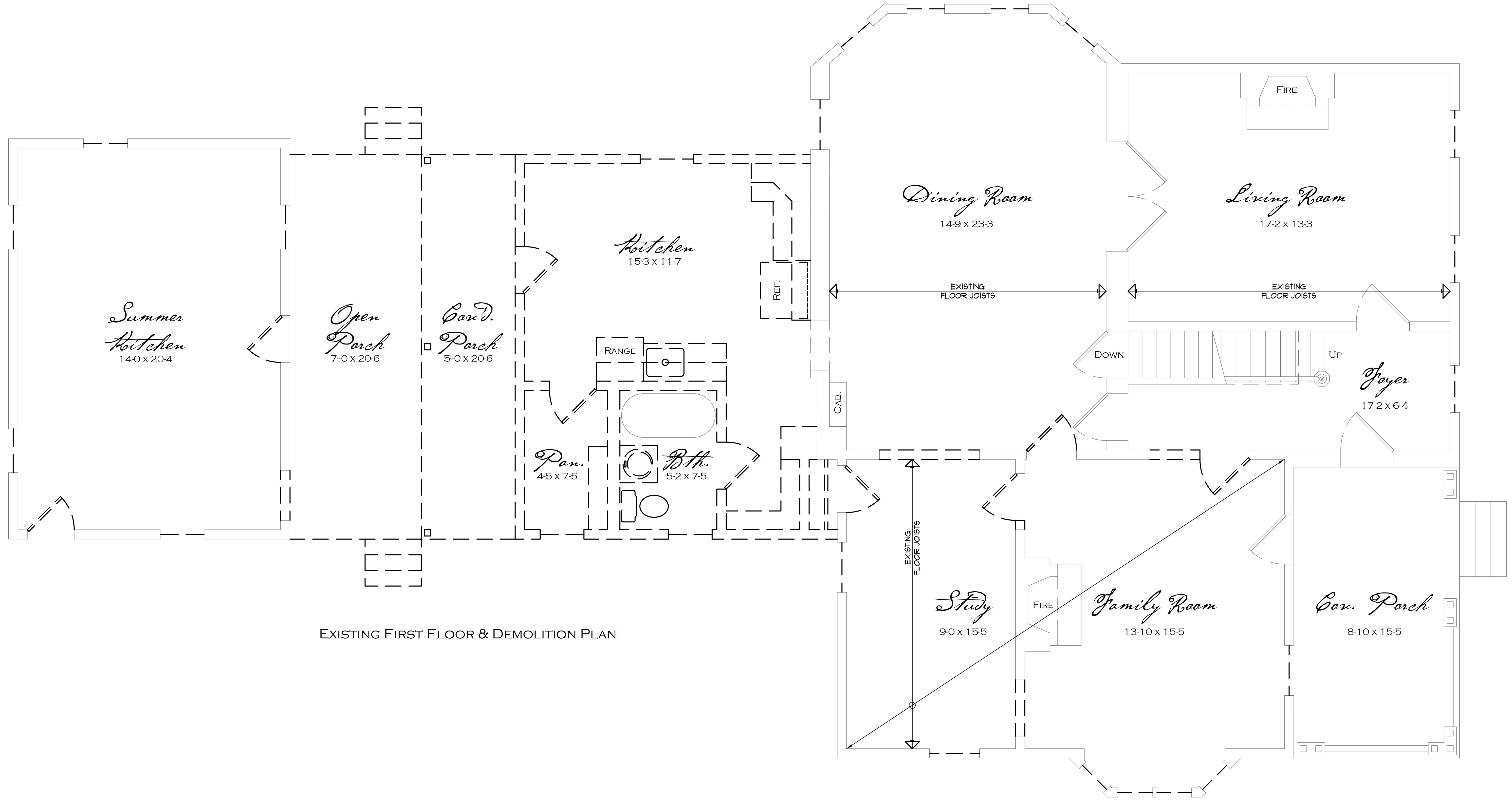
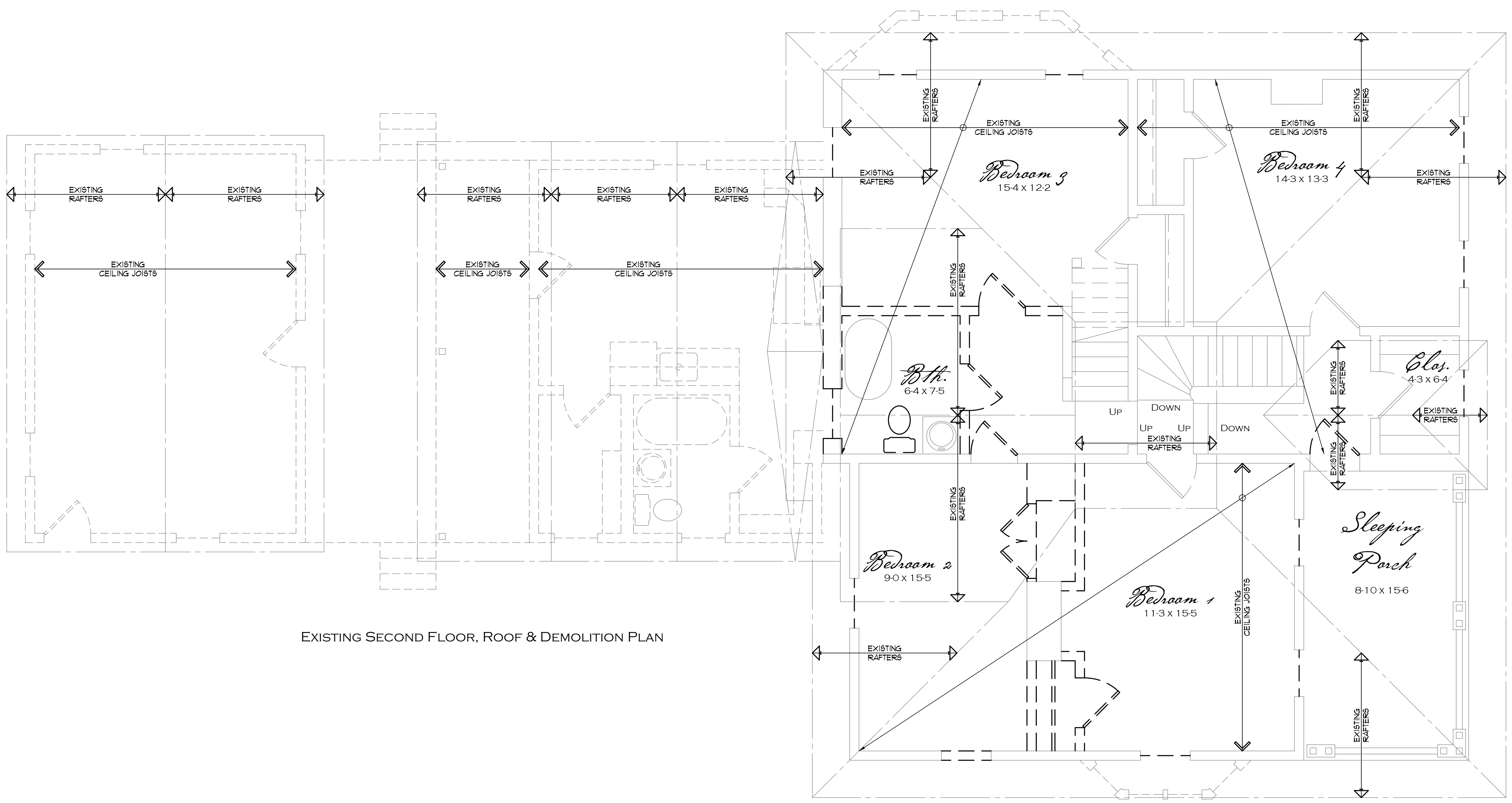


Existing First Floor & Demolition Plan



Existing Second Floor, Roof & Demolition Plan

EXHIBIT C

THOMAS J. RYAN, JR. ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date

STATE OF ILLINOIS THOMAS J. RYAN, JR. 001-011235 LICENSED ARCHITECT
exp. 11/26

Coronel House
337 N. SLEIGHT STREET
NAPERVILLE, IL
RENOVATION & ADDITION

Existing & Demolition Plans

drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-0"
project number	091624

sheet

D1

Wall Legend

- NEW WALLS
- EXISTING WALLS
- WALLS ABOVE AND BELOW
- WALLS, WINDOWS, DOORS, ETC. TO BE REMOVED

Electrical Key:

- 120 V. DUPLEX OUTLET
- 220 V. OUTLET
- GROUND FAULT INTERRUPT OUTLET
- WATER PROOF GFI OUTLET
- 120 V. DUPLEX OUTLET ON FLOOR OR CEILING
- THERMOSTAT
- SINGLE POLE SWITCH OR DIMMER SWITCH (G.F.I. AT WET LOCATIONS)
- THREE WAY SWITCH
- FOUR WAY SWITCH
- TO LIGHT ABOVE OR BELOW
- FLOOD LIGHT
- FULL CHAIN FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED L.E.D. FIXTURE
- WET LOCATION FIXTURE
- FLUORESCENT FIXTURE
- WALL MOUNTED FIXTURE
- EXHAUST FAN WITH LIGHT
- GARBAGE DISPOSAL
- SMOKE DETECTOR WIRED IN SERIES WITH BATTERY BACKUP
- CARBON MONOXIDE DETECTOR WIRED IN SERIES WITH BATTERY BACKUP
- BRACED 1 HR 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, 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 BE NOT LESS THAN 15" ABOVE FINISHED FLOOR

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

Design Criteria

FLOOR	= 40 # LL	10 # DL	ALL AREAS EXCEPT SLEEPING
FLOOR	= 30 # LL	10 # DL	SLEEPING AREAS
WALL	= 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, F_b 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

Verification Note

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Demolition Note

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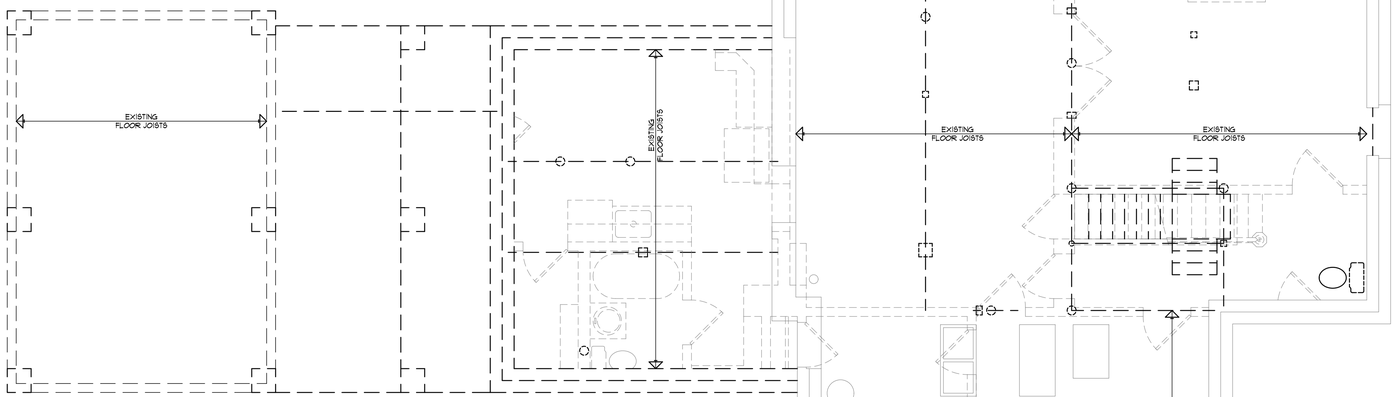
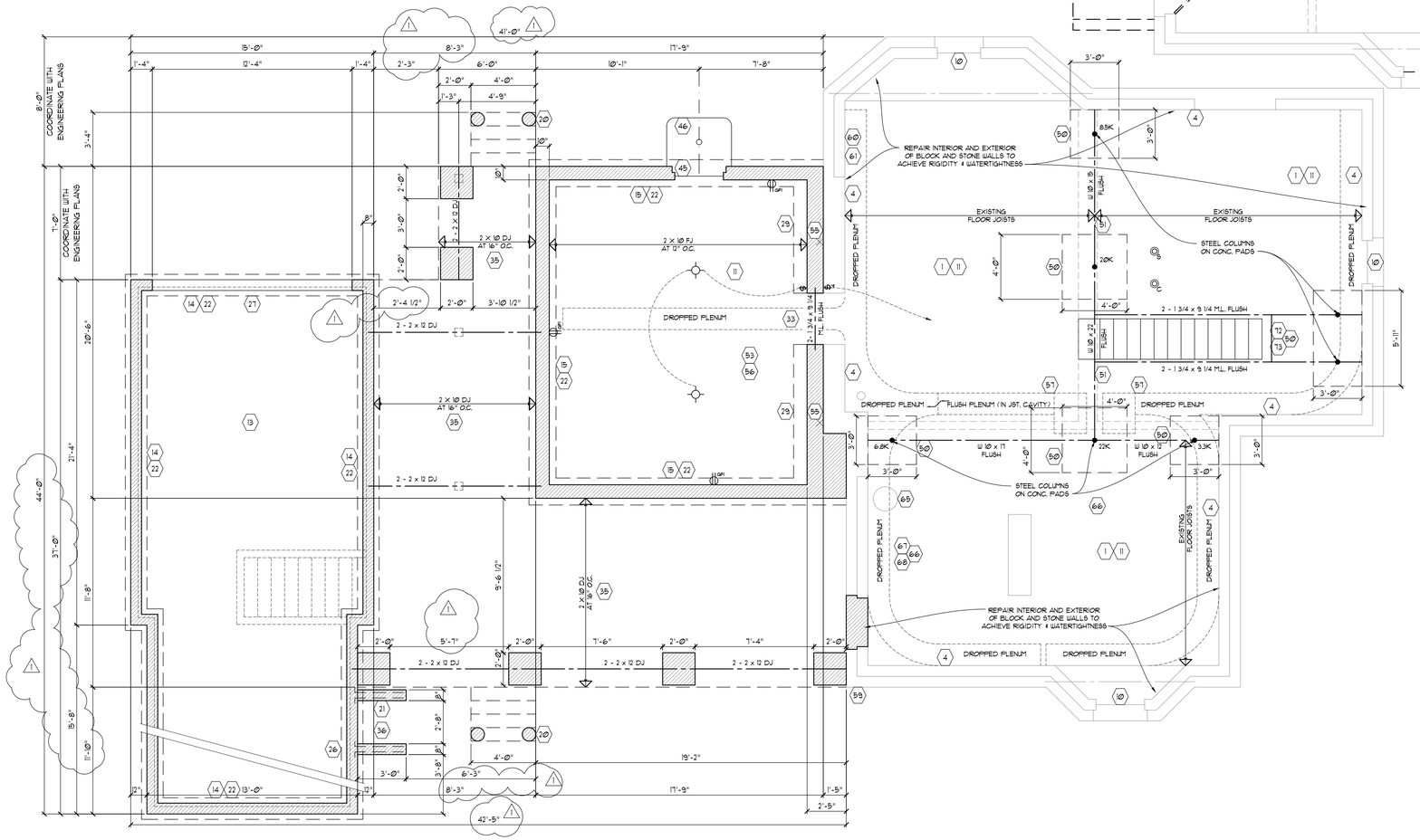


EXISTING BASEMENT & DEMOLITION PLAN



Note: Bearing Conditions

1. ALL DIMENSIONAL LUMBER BEAMS TO BEAR ON 2 - 2 x 4 POST (2 - 2 x 6 AT 2 x 6 FRAME WALLS)
2. 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 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

Concrete Compressive Strength

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	MINIMUM COMPRESSIVE STRENGTH
BASEMENT WALLS, FOUNDATIONS AND OTHER CONCRETE NOT EXPOSED TO THE WEATHER	2500 P.S.I.
BASEMENT SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLABS	2500 P.S.I.
BASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONCRETE EXPOSED TO THE WEATHER	3000 P.S.I.
PORCHES, CARPORT SLABS, STEPS EXPOSED TO THE WEATHER AND GARAGE FLOOR SLABS	3500 P.S.I. (AIR-ENTRAINED)

Typical Foundation Key Notes:

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

62. BEDROOM ELECTRICAL OUTLETS TO BE ARC-FAULT CIRCUIT INTERRUPTER TYPE
63. PLUMBING FIXTURE ABOVE WITH FLOOR DRAIN
64. UPGRADED WATER SERVICE
65. WATER HEATER
66. TRAPPED AND VENTED FLOOR DRAIN TO SANITARY
67. SANITARY PIT: CONNECT TO FLOOR DRAIN AND OVERHEAD SEWER - LOCATE AS REQUIRED BY SITE - TOP EDGE SHALL BE A MINIMUM 2" ABOVE FINISH FLOOR
68. OVERSIZED SUMP PIT WITH TWO ALTERNATING PUMPS - TOP EDGE SHALL BE A MINIMUM 2" ABOVE FINISH FLOOR LOCATE AS REQUIRED BY SITE
69. CONNECT NEW DRAIN TILE TO EXISTING
70. ROUGH-IN PLUMBING FOR FUTURE BATH
71. CONCRETE STEPS UP TO EXISTING BASEMENT LEVEL (RISERS, 11" TREADS)
72. UP 13 RISERS (7 1/4" RISERS, 10" TREADS)
73. PROVIDE A STAIR NOSING NOT LESS THAN 3/4" BUT NOT MORE THAN 1 1/4"
    34" - 38" HIGH HANDRAIL CONTINUOUS FULL LENGTH OF STAIR W/ 4 OR MORE RISERS (1 1/4" - 2" O.D. CIRCULAR HANDRAIL)
    5/8" DRYWALL AT UNDERSIDE OF STAIRCASE
74. DRYWALL OVER INSULATED (R-10) 2 x 4 WALL AT 16" O.C. SECURED TO FLOOR ABOVE AND CONCRETE SLAB BELOW
75. CARPENTER-BUILT SHELVING
76. ROD AND SHELF
77. TEMPERED GLASS DOOR AND ENCLOSURE
78. WINDOWS AND / OR DOORS WITH SAFETY GLAZING

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 UNEXCAVATED
4. EXISTING FOUNDATION WALL
5. EXISTING STRUCTURAL COLUMN ON CONCRETE FOOTING
6. EXISTING STRUCTURAL BEAM
7. EXISTING FLOOR JOISTS
8. EXISTING STAIRCASE - NO WORK
9. EXISTING ESCAPE WINDOW
10. EXISTING WINDOW
11. 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
12. 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. UNEXCAVATED: WELL COMPACTED CLEAN GRAVEL FILL
14. 8" THICK WALL REINFORCED CONCRETE WALL ON 8" x 16" CONCRETE FOOTING - SEE WALL SECTION
15. 10" THICK WALL REINFORCED CONCRETE WALL ON 10" x 20" CONCRETE FOOTING - SEE WALL SECTION
16. MONOPOUR REINFORCED SLAB AND FOOTING TRENCH CONCRETE FOOTING - SEE WALL SECTION
17. MONOPOUR REINFORCED TURN DOWN PERIMETER SLAB WITH THICKENED EDGE CONCRETE FOOTING - SEE WALL SECTION
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
24. 2 x 6 AT 16" O.C. WOOD STUD KNEE WALL SHEATHED AND 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" X 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 PRE DECKING AND TRIM
    SIMPSON PBS44 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 AT LEAST 12" ABOVE GRADE
40. DIRECT VENT FIREPLACE COMBUSTION AIR INTAKE LOCATED AT LEAST 48" AWAY FROM ANY VENT TERMINALS
41. 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
42. RUMFORD FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
43. 8" CMU. 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
55. POST ABOVE
56. DOUBLE FLOOR JOISTS UNDER KITCHEN ISLAND
57. 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

THOMAS J. RYAN, JR.
ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25

Bonnel House
337 N. Sleight Street
Naperville, IL

Renovation & Addition

Foundation and Elec. Plan

974 SQ. FT. (Renovated)
262 SQ. FT. (Proposed)

drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-0"
project number	091624

sheet

1

1

EXHIBIT C

Wall Legend

- NEW WALLS
- EXISTING WALLS
- WALLS ABOVE AND BELOW
- WALLS, WINDOWS, DOORS, ETC. TO BE REMOVED

Verification Note

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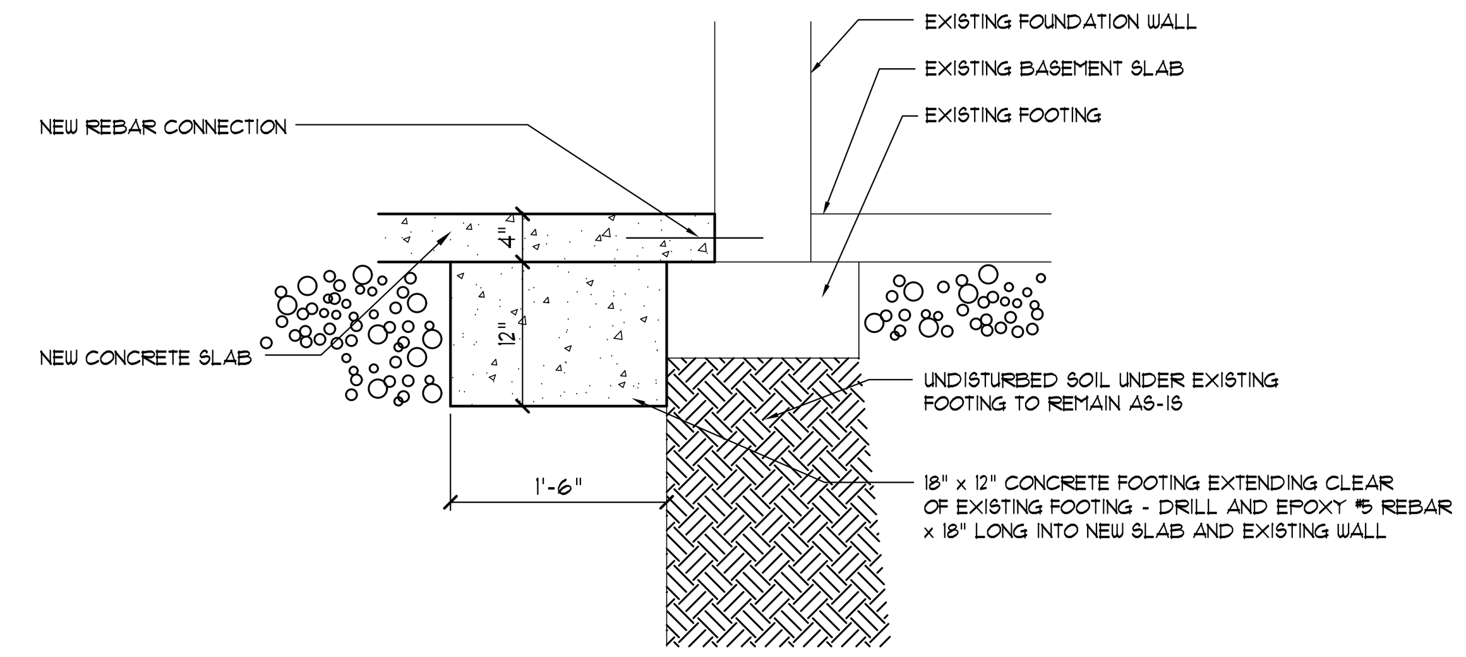
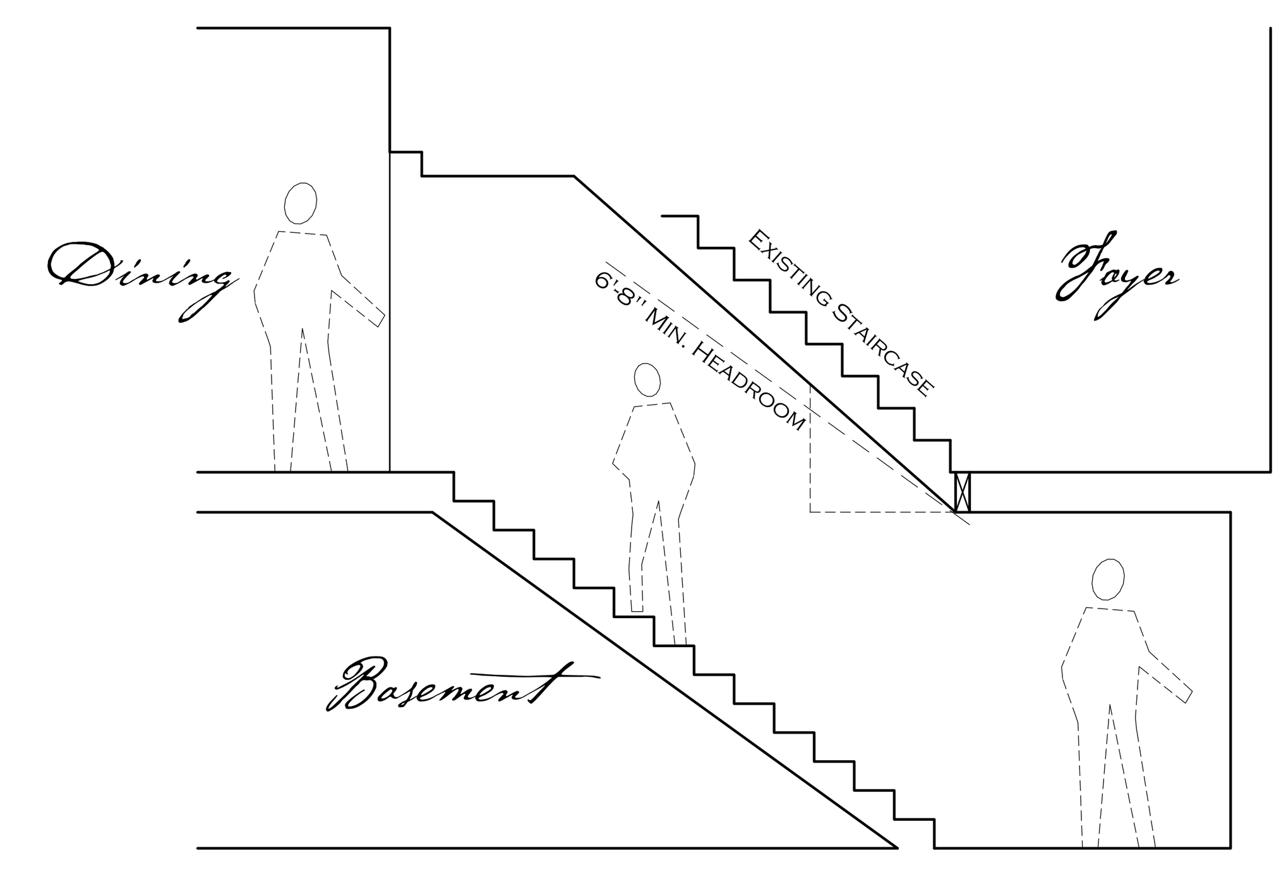


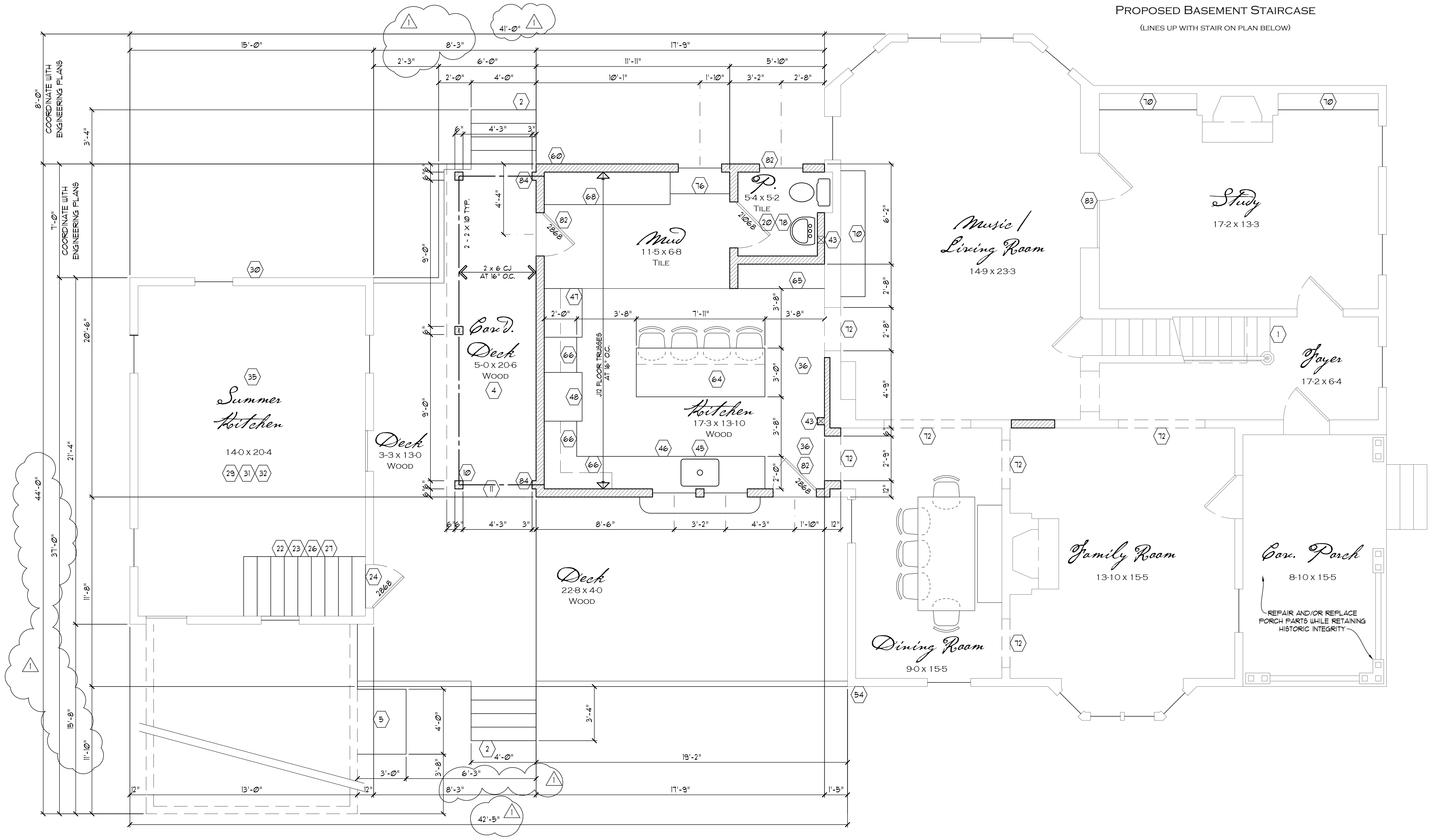
footing protection detail

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



PROPOSED BASEMENT STAIRCASE

(LINES UP WITH STAIR ON PLAN BELOW)



Typical First Floor Key Notes:

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

71. DRYWALL-WRAPPED OPENING
72. CASED OPENING
73. ARCHED DRYWALL-WRAPPED OPENING
74. ARCHED CASED OPENING
75. LOCKERS
76. BENCH
77. LINEN CLOSET WITH 5 ADJUSTABLE SHELVES
78. SOUND INSULATED WALLS
79. 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

Design Criteria

FLOOR	=	40 # LL	10 # DL	ALL AREAS EXCEPT SLEEPING
FLOOR	=	30 # LL	10 # DL	SLEEPING AREAS
WALL	=	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, Fb AND E VALUES PER MANUFACTURER

MANUFACTURER TRUS-JOIST PRODUCT MICRO LAM LVL
SIZE PER PLAN F_b = 2600 E = 1.9×10^6 P.S.I.

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

Note: Bearing Conditions

1. ALL DIMENSIONAL LUMBER BEAMS TO BEAR ON 2 - 2 x 4 POST (2 - 2 x 6 AT 2 x 6 FRAME WALLS)
2. 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 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

1. ALL EXTERIOR WALLS TO UTILIZE SIMPLIFIED BRACING METHOD I.R.C. 2018 - R602.12 - SEE WALL SECTION SHEET 7
2. 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 TA102 STAIRCASE ANGLE AT STEPS

HD2AHDG GUARDRAIL CONNECTOR

Floor Joist Schedule

JOIST & SPACING	MAXIMUM SPAN NON-SLEEPING ROOMS	MAXIMUM SPAN SLEEPING ROOMS
L / 360	40# LL - 10# DL	30# LL - 10# DL
2 x 8 AT 12" O.C.	13'-2"	14'-6"
2 x 8 AT 16" O.C.	12'-0"	13'-2"
2 x 10 AT 12" O.C.	16'-10"	18'-6"
2 x 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.	20'-4"	22'-6"
2 x 12 AT 16" O.C.	17'-7"	19'-8"
2 x 12 AT 16" O.C.- DBL. EVERY OTHER JOIST	19'-1"	21'-4"
9 1/2" TJI-250 AT 12" O.C.	17'-8"	
9 1/2" TJI-250 AT 16" O.C.	16'-1"	
11 7/8" TJI-250 AT 12" O.C.	21'-0"	
11 7/8" TJI-250 AT 16" O.C.	19'-2"	
11 7/8" TJI-350 AT 12" O.C.	22'-5"	
11 7/8" TJI-350 AT 16" O.C.	20'-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-350 AT 12" O.C.	25'-6"	
14" TJI-350 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
7. 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
11. STRUCTURAL BEAMS, BRACKETS OR TRELLIS AS SELECTED OR DESIGNED BY ARCHITECT
12. CANTLIVERED BAY OR BOX WINDOW
13. LINE OF FLOOR ABOVE
14. 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
17. 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
18. RUMFORD FIREPLACE WITH MINIMUM NON-COMBUSTIBLE FLUSH HEARTH EXTENSION 20" IN FRONT AND 12" ON SIDES OF FIREBOX WITH APPROVED FLUE AND GAS STARTER
19. PROVIDE LISTED COMBUSTION AIR DUCT PER MANUFACTURE
20. PROVIDE WOOD BLOCKING BETWEEN 33" - 36" ABOVE FINISHED FLOOR IN WALLS ADJACENT TO TOILET AND SHOWER
21. WOOD STAIRCASE WITH STAINED HANDRAIL, TREADS AND PAINTED NEWEL POST, BALLUSTRADES AND RISERS
22. 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)
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 THROUGH ANY OPENING
27. 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/ 6X6X10 WWM OVER 6 MIL. POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" OVER 4" WELL-COMPACTED GRAVEL FILL - SLOPE 2" TOWARDS OVERHEAD DOOR
30. OVERHEAD DOOR
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
45. SINK
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
70. BUILT-IN BOOKCASE

THOMAS J. RYAN, JR.
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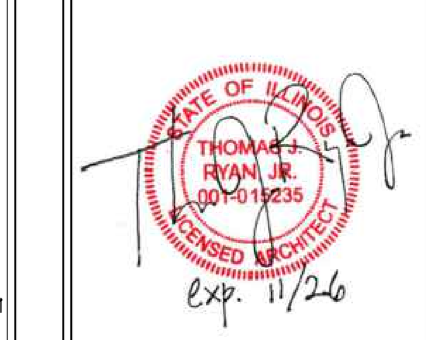
description	date
1 BLDG. DEPT. REV.	09.17.25



Coranel House
337 N. SLEIGHT STREET
NAPERVILLE, IL

RENOVATION & ADDITION

FIRST FLOOR PLAN & GAR.
1318 S.F. - RENOV. HOUSE (INCLUDING COVERED PORCH)
461 S.F. - NEW HOUSE (INCLUDING COVERED PORCH)
472 S.F. - GARAGE

drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-0"
project number	091624

sheet

2

1

EXHIBIT C

Wall Legend

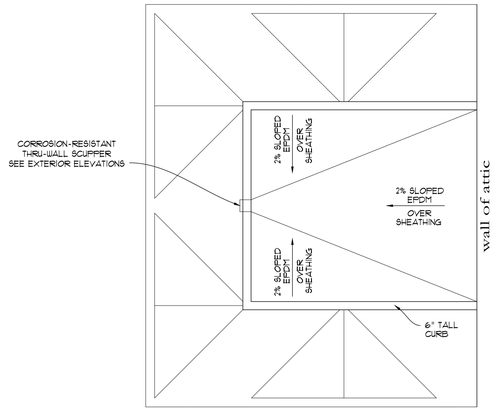
- NEW WALLS
- EXISTING WALLS
- WALLS ABOVE AND BELOW
- WALLS, WINDOWS, DOORS, ETC. TO BE REMOVED

Verification Note

GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS. IF EXISTING CONDITIONS DO NOT MATCH THOSE ON PLANS - NOTIFY THOMAS J. RYAN, JR. ARCHITECT IMMEDIATELY AT (630) 428 - 3830

Demolition Note

PLANS ON THIS SHEET ARE FOR INFORMATION ONLY. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE SHORING / FRESERVATION OF STRUCTURE AND FINISHES TO REMAIN AFTER DEMOLITION WORK.

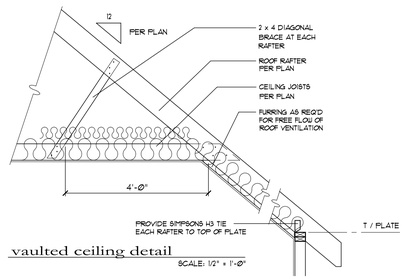


12" X 12" SELF-SUPPORTING PAVER TILES ON SCHLUTER TROBA-LEVEL LOW ASSEMBLY HEIGHT SUPPORT SYSTEM LVS/PLIØ PER MANUFACTURER'S RECOMMENDATIONS

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

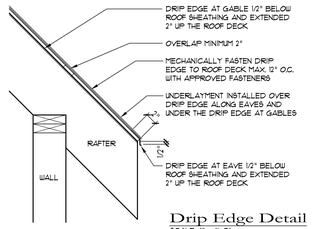
GAPS BETWEEN WALKING SURFACE OF TILE AND SPACE AROUND TILE SUPPORTS ON MOISTURE BARRIER TO PROVIDE VENTILATION

PROPOSED TERRACE ROOF PLAN



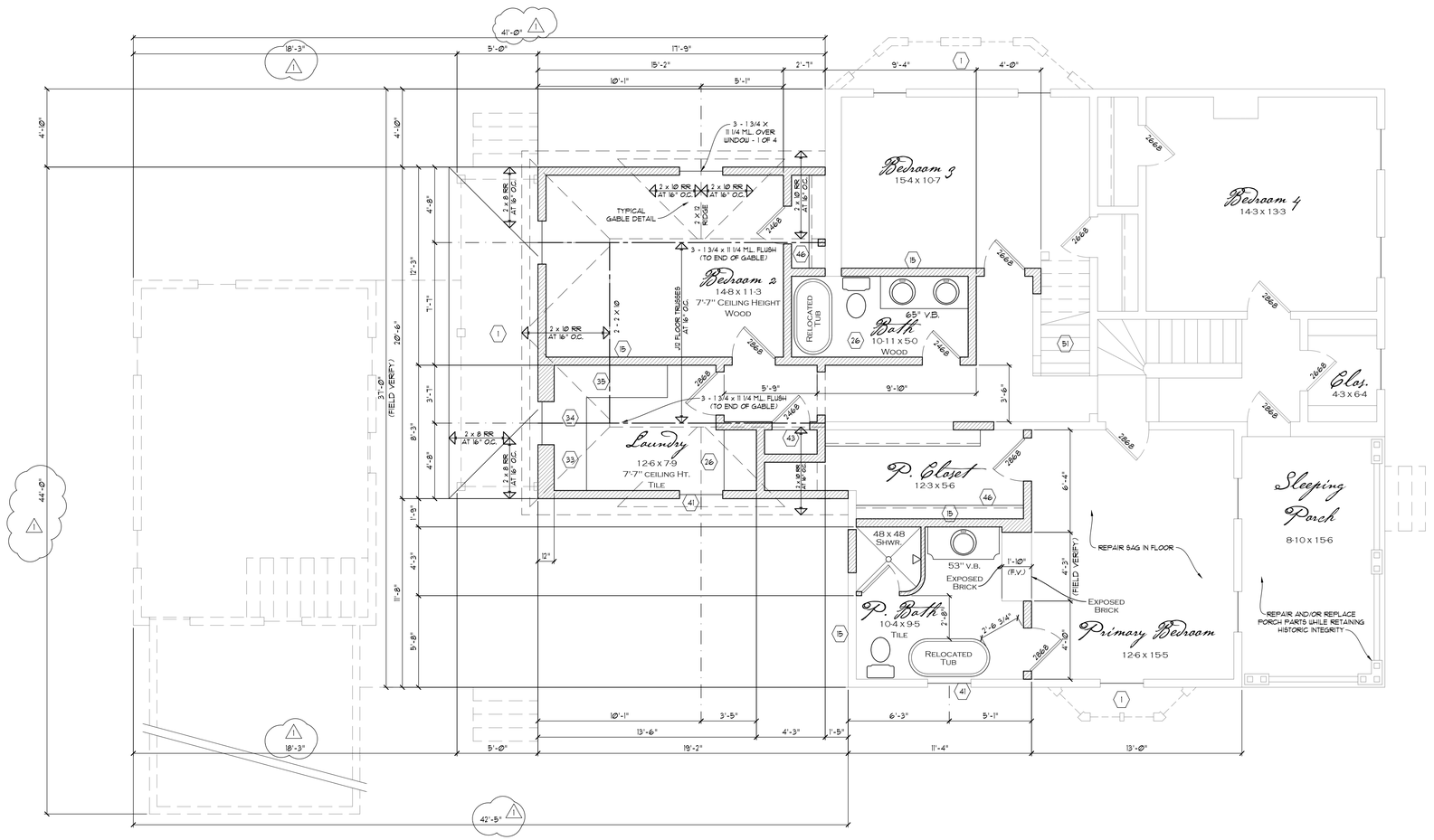
vaulted ceiling detail

SCALE: 1/2" = 1'-Ø"



Drip Edge Detail

SCALE: 1" = 1'-Ø"



SOUND INSULATE ALL PLUMBING WALLS

Note: Bearing Conditions

1. ALL DIMENSIONAL LUMBER BEAMS TO BEAR ON 2 - 2 x 4 POST (2 - 2 x 6 AT 2 x 6 FRAME WALLS)
2. ALL DOUBLE MICRO.LAM BEAMS TO BEAR ON 3 - 2 x 4 POST (3 - 2 x 6 AT 2 x 6 FRAME WALLS)
3. ALL TRIPLE MICRO.LAM 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

Ceiling Joist Schedule

JOIST SIZE	JOIST SPACING	MAX. SPAN
2 x 4	AT 16" O.C.	6'-6"
2 x 6	AT 16" O.C.	12'-Ø"
2 x 8	AT 16" O.C.	16'-Ø"
2 x 8	AT 12" O.C.	18'-6"
2 x 10	AT 16" O.C.	19'-1"
2 x 10	AT 12" O.C.	22'-1"
2 x 12	AT 16" O.C.	22'-8"
2 x 12	AT 12" O.C.	26'-3"

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

Roof Rafter Schedule

RAFTER SIZE	RAFTER SPACING	MAX. SPAN VLTD. CLG.	MAX. SPAN NON-VLTD.
2 x 12	16" O.C.	19'-11"	21'-1"
2 x 10	16" O.C.	17'-2"	18'-2"
2 x 10	12" O.C.	19'-10"	21'-Ø"
2 x 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'-Ø" ABOVE TOP OF CEILING JOISTS AT ALL ATTICS, TYPICAL

ROOF-BEARING INTERNAL WALL

HATCHING INDICATES OVERFRAMED ROOF

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

HVAC Notes:

KITCHEN HOOD MAKEUP AIR:
FAN IN KITCHEN IS 600 CFM. 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 CFM. 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.

COMBUSTION AIR:
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 HERE TO BE FINISHED, 2 OPENINGS, 10 X 10 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)

1. ROOF BELOW
2. DEX-O-TEX ELASTATEX 5100 WATERPROOF SURFACING BY EXECUTIVE INSTALLATIONS, BARRINGTON IL
3. 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
5. DIRECT VENT FIREPLACE COMBUSTION AIR INTAKE LOCATED AT LEAST 48" AWAY FROM ANY VENT TERMINALS
6. 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
7. 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
12. 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

FLOOR	= 40 * LL	10 * DL	ALL AREAS EXCEPT SLEEPING
FLOOR	= 30 * LL	10 * DL	SLEEPING AREAS
WALL	= 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 Fb 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

THOMAS J. RYAN, JR. ARCHITECT
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TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25

STATE OF ILLINOIS — THOMAS J. RYAN JR. 001-013035 — REGISTERED ARCHITECT — Exp. 11/26

Emmet Place
337 N. SLEIGHT STREET
NAPERVILLE, IL

RENOVATION & ADDITION

SECOND FLOOR PLAN

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

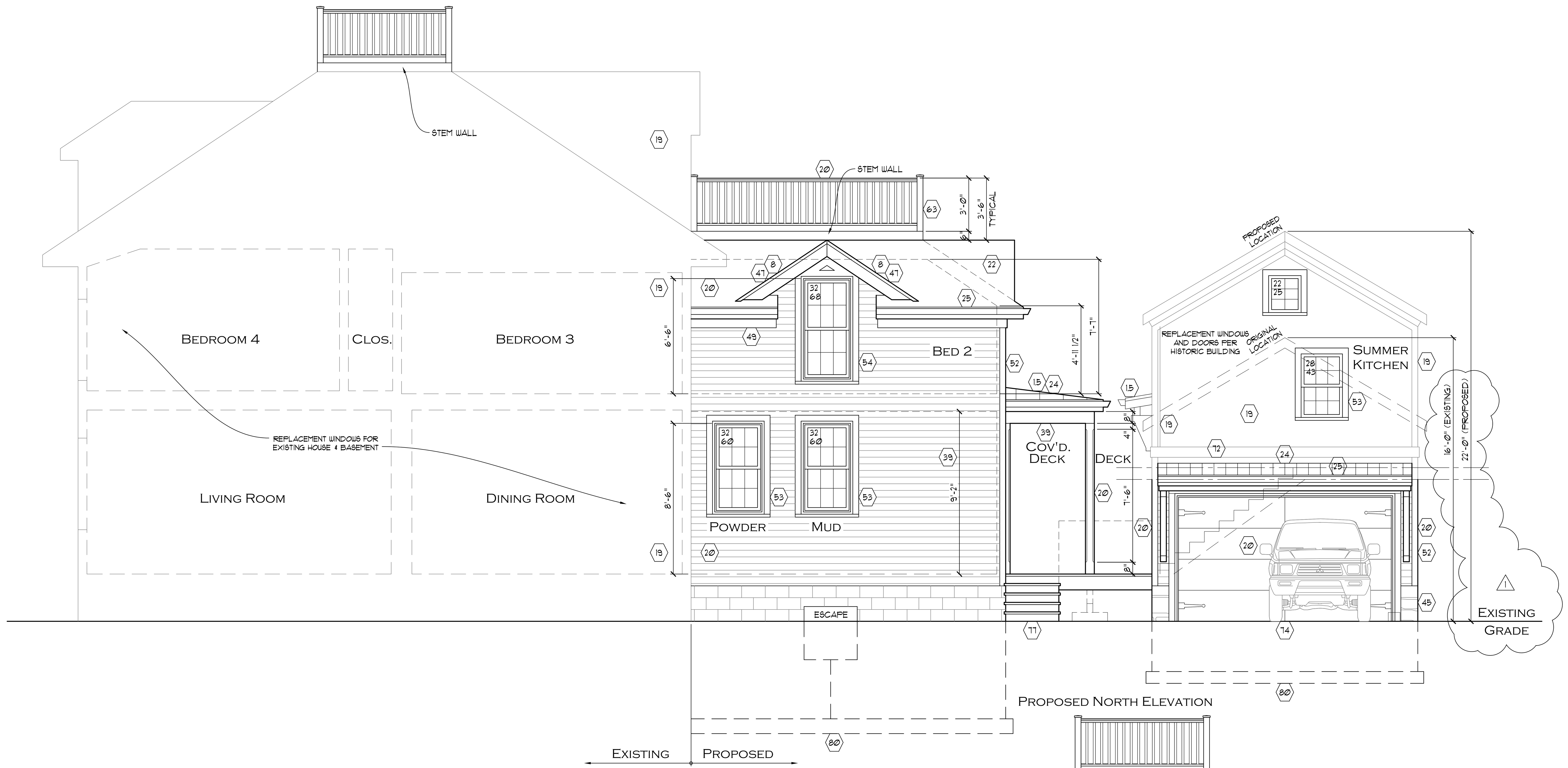
drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-Ø"
project number	091624

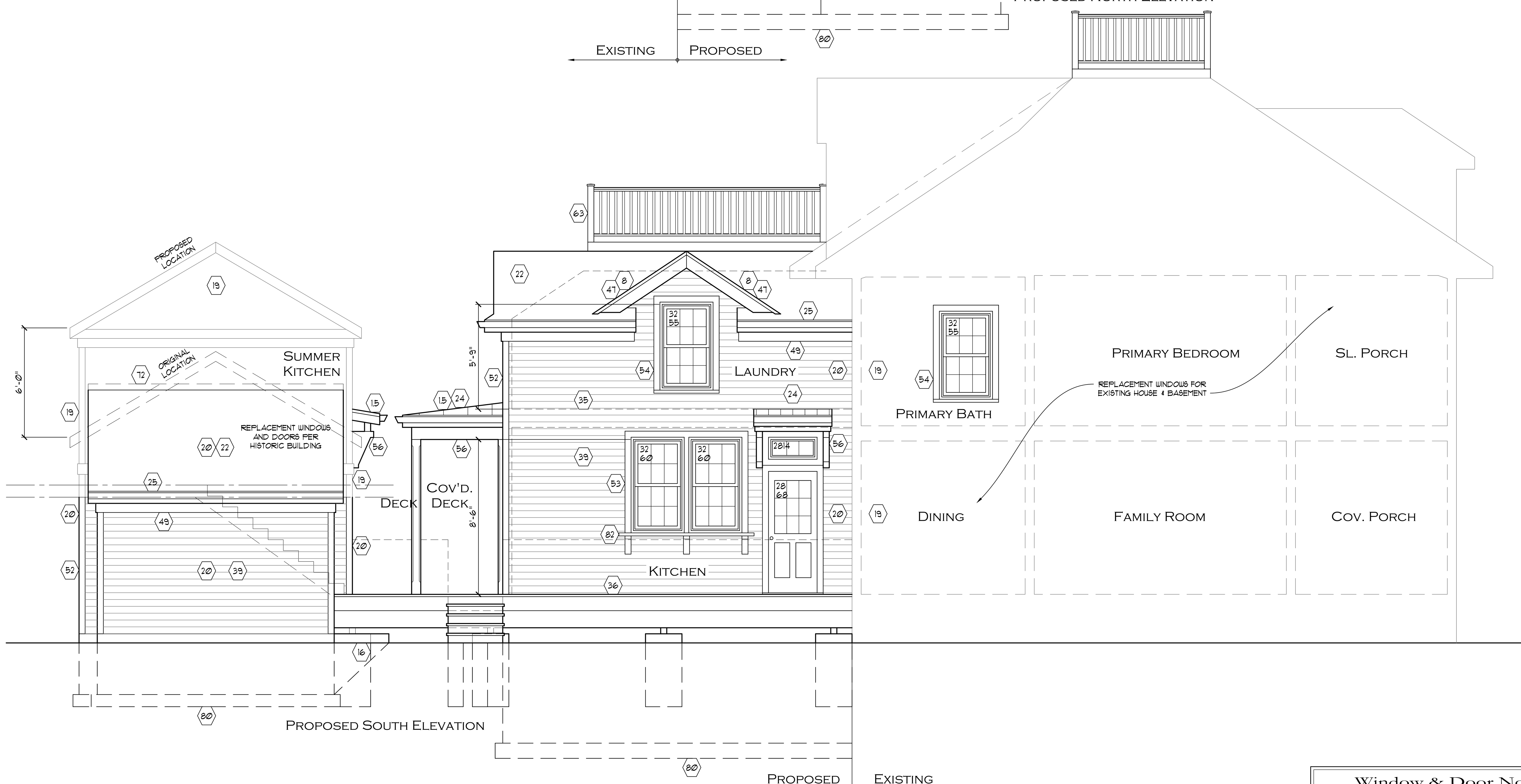
sheet

3

1

EXHIBIT C





Typical Elevation Key Notes:

(Numbered key notes only apply if found on plan or elevation this sheet - review plan, then find key notes)

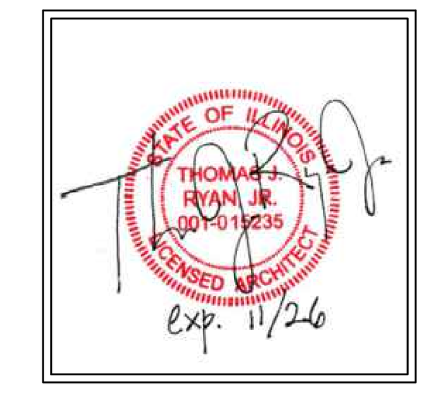
1. 1 / 12 roof pitch
2. 2 / 12 roof pitch
3. 3 / 12 roof pitch
4. 4 / 12 roof pitch
5. 5 / 12 roof pitch
6. 6 / 12 roof pitch
7. 7 / 12 roof pitch
8. 8 / 12 roof pitch
9. 9 / 12 roof pitch
10. 10 / 12 roof pitch
11. 11 / 12 roof pitch
12. 12 / 12 roof pitch
13. 13 / 12 roof pitch
14. 14 / 12 roof pitch
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
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
49. Smooth cedar bedmold over 5/4 x 6 frieze board
50. 1 x 2 flashed sloping sill over 5/4 x 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 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 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 x 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
73. Address block
74. 9'-0" x 7'-0" overhead insulated garage door
75. 16'-0" x 7'-0" overhead insulated garage door
76. Stoop - see floor plan
77. Step(s) - see floor plan
78. Concrete wing walls - see floor plan
79. 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

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

THOMAS J. RYAN, JR.
ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25



Coranel House
337 N. Sleight Street
Naperville, IL

Renovation & Addition

EXTERIOR ELEVATIONS

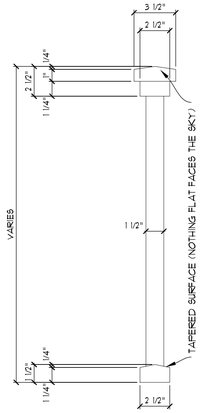
drawn	TJR
file name	091624CD
date	09 / 17 / 25
scale	1/4" = 1'-0"
project number	091624

sheet

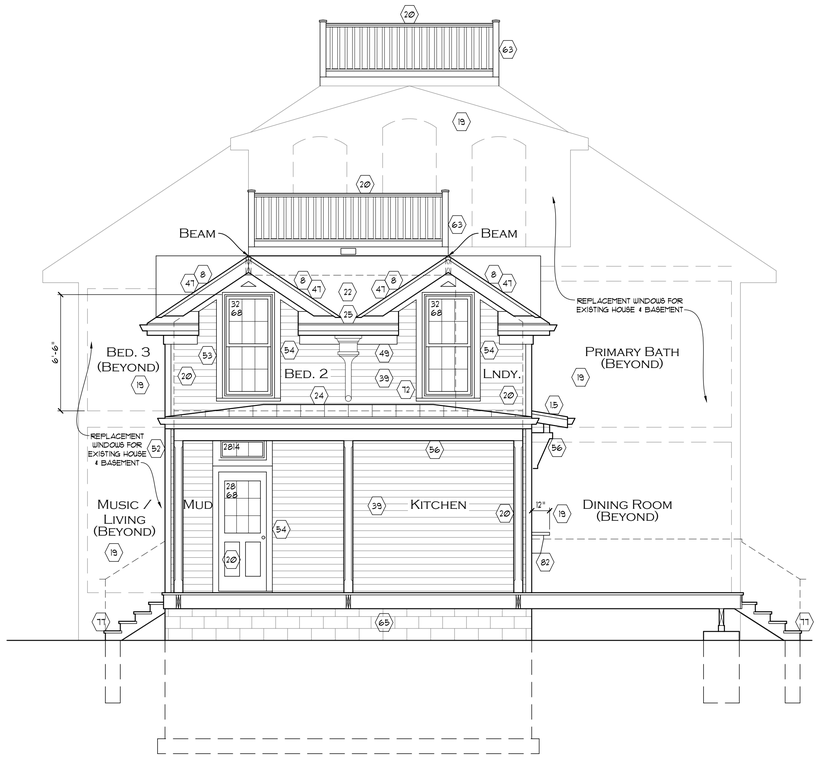
4

1

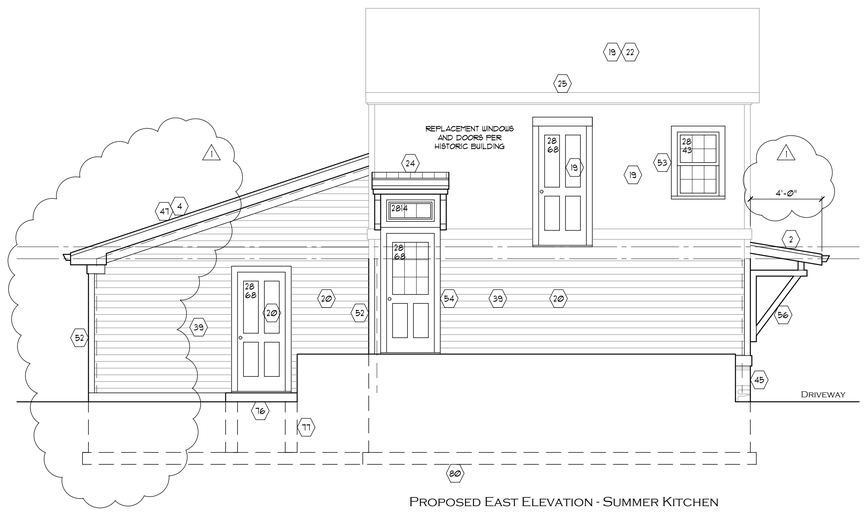
EXHIBIT C



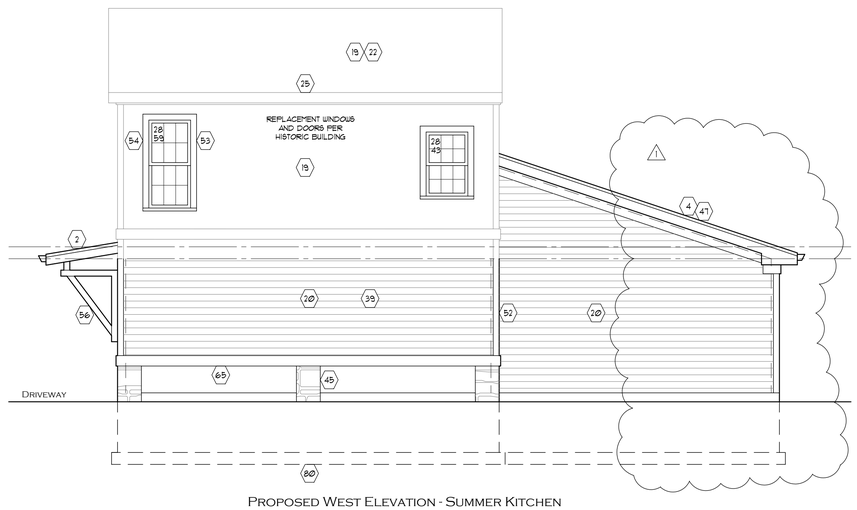
railing detail



Proposed West Elevation (From Porch)



Proposed East Elevation - Summer Kitchen



Proposed West Elevation - Summer Kitchen

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

Typical Elevation Key Notes:

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

1. 1 / 12 ROOF PITCH
2. 2 / 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
9. 9 / 12 ROOF PITCH
10. 10 / 12 ROOF PITCH
11. 11 / 12 ROOF PITCH
12. 12 / 12 ROOF PITCH
13. 13 / 12 ROOF PITCH
14. 14 / 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
    UL 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
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
49. SMOOTH CEDAR BEDMOLD OVER 5/4 x 6 FRIEZE BOARD
50. 1 x 2 FLASHED SLOPING SILL OVER 5/4 x 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 RAILS WITH DECORATIVE MOLDING FULL PANEL PERIMETER
62. 5/4" x TRIM BOARD; 2" FLASH TOP EDGE TYPICAL-PROVIDE 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 x 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
73. ADDRESS BLOCK
74. 9'-0" x 7'-0" OVERHEAD INSULATED GARAGE DOOR
75. 16'-0" x 7'-0" OVERHEAD INSULATED GARAGE DOOR
76. STOOP - SEE FLOOR PLAN
77. STEP(S) - SEE FLOOR PLAN
78. CONCRETE WING WALLS - SEE FLOOR PLAN
79. 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

THOMAS J. RYAN, JR. ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25

Samuel House
337 N. Sleight Street
Naperville, IL

Renovation & Addition

EXTERIOR ELEVATIONS

drawn	TJR
file name	091624CD
date	09/17/25
scale	1/4" = 1'-0"
project number	091624

sheet

5

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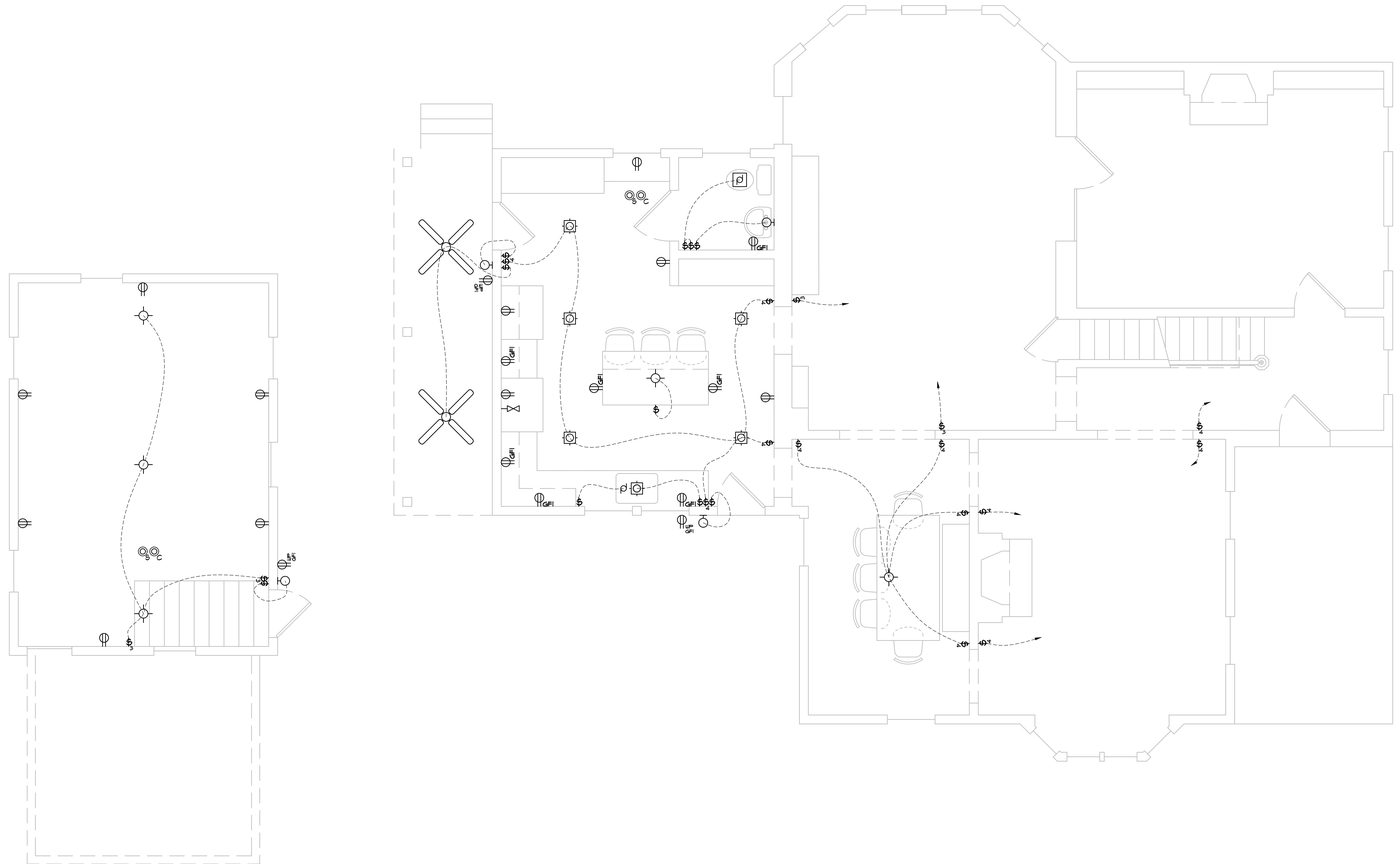
EXHIBIT C



Electrical Key:

- 120 V. DUPLEX OUTLET
- 220 V. OUTLET
- GROUND FAULT INTERRUPT OUTLET
- WATER PROOF GFI OUTLET
- 120 V. DUPLEX OUTLET ON FLOOR OR CEILING
- THERMOSTAT
- SINGLE POLE SWITCH ON DIMMER SWITCH (G.F.I. AT WET LOCATIONS)
- THREE WAY SWITCH
- FOUR WAY SWITCH
- TO LIGHT ABOVE OR BELOW
- FLOOD LIGHT
- PULL CHAIN FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED L.E.D. FIXTURE
- WET LOCATION FIXTURE
- FLUORESCENT FIXTURE
- WALL MOUNTED FIXTURE
- EXHAUST FAN WITH LIGHT
- GARBAGE DISPOSAL
- SMOKE DETECTOR WIRED IN SERIES WITH BATTERY BACKUP
- 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, 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 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
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date
1 BLDG. DEPT. REV.	09.17.25

Bonnel House
337 N. Sleight Street
Naperville, IL

Renovation & Addition

First Floor Electrical

drawn	TJR
file name	091624CD
date	09/17/25
scale	1/4" = 1'-0"
project number	091624

sheet

6

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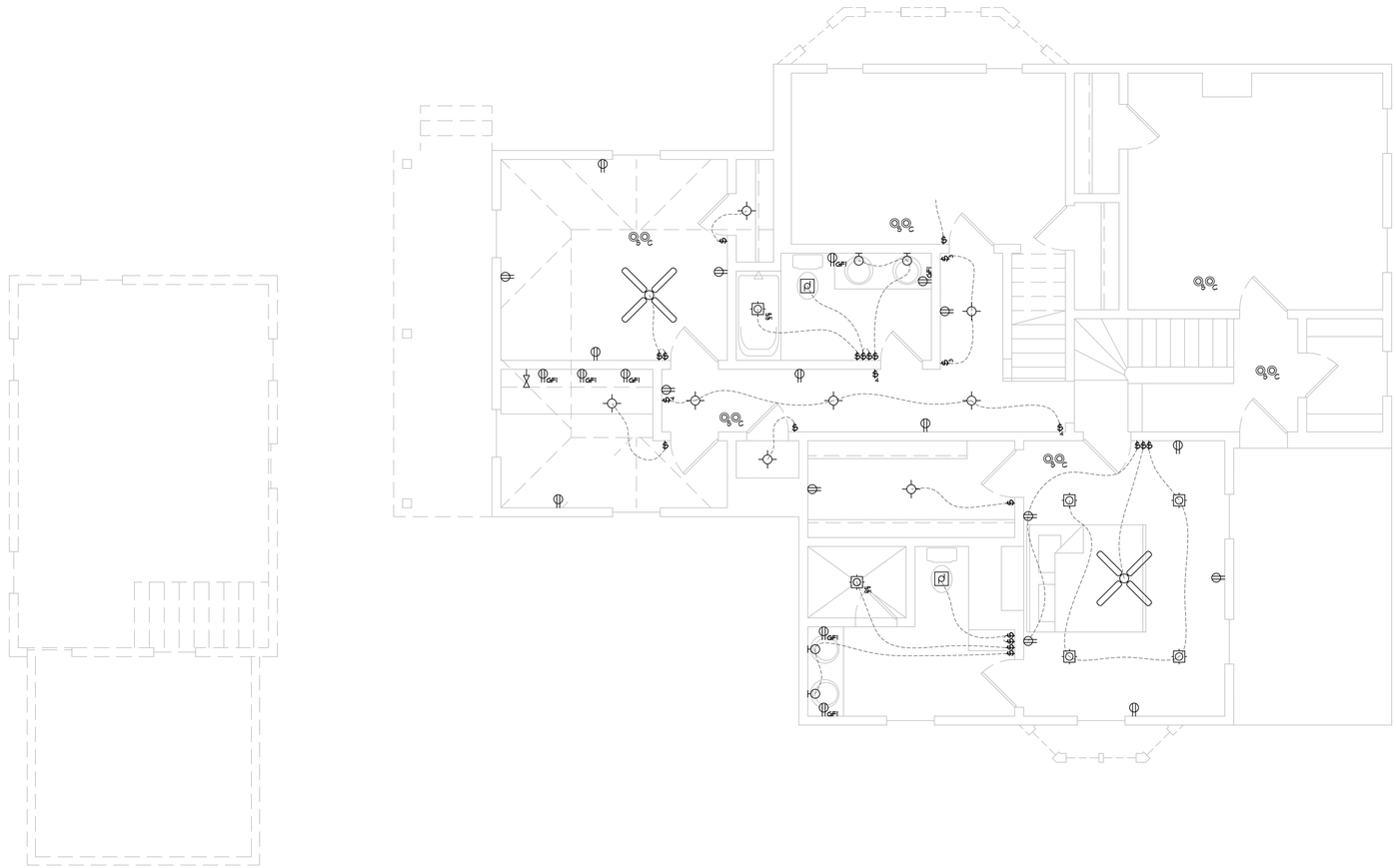
EXHIBIT C



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description	date
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Bonnel House
337 N. Sleight Street
Naperville, IL

Renovation & Addition

Second Floor Electrical

drawn	TJR
file name	091624CD
date	09/17/25
scale	1/4" = 1'-0"
project number	091624

sheet

7

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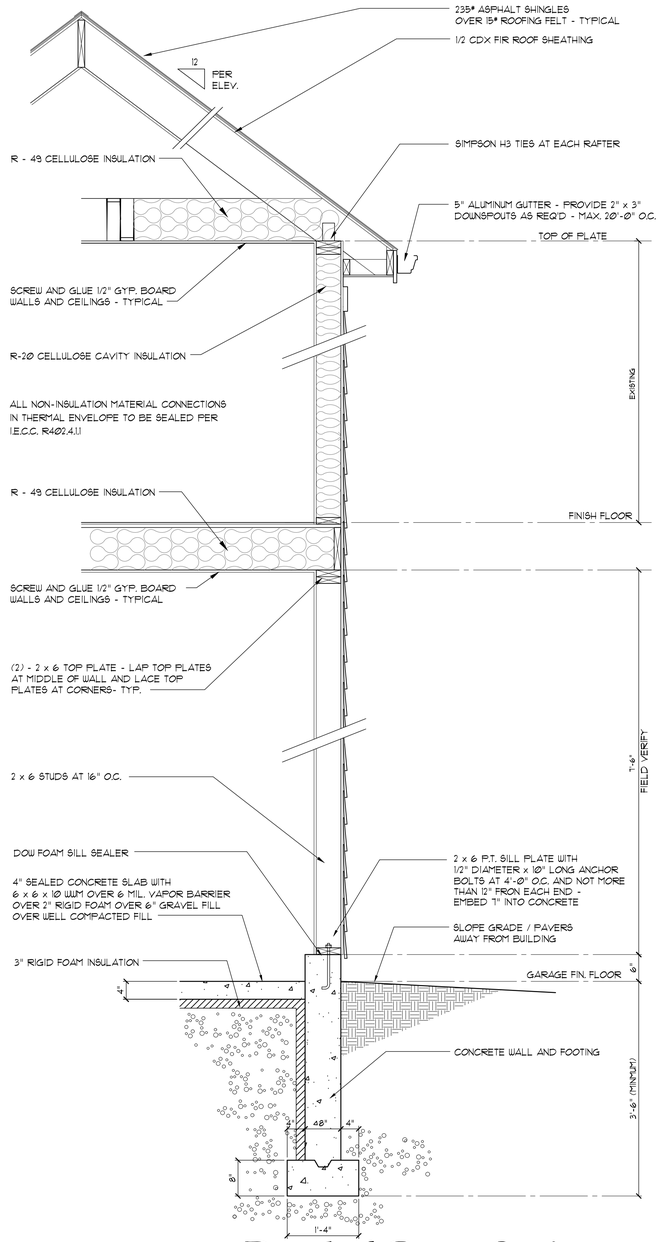
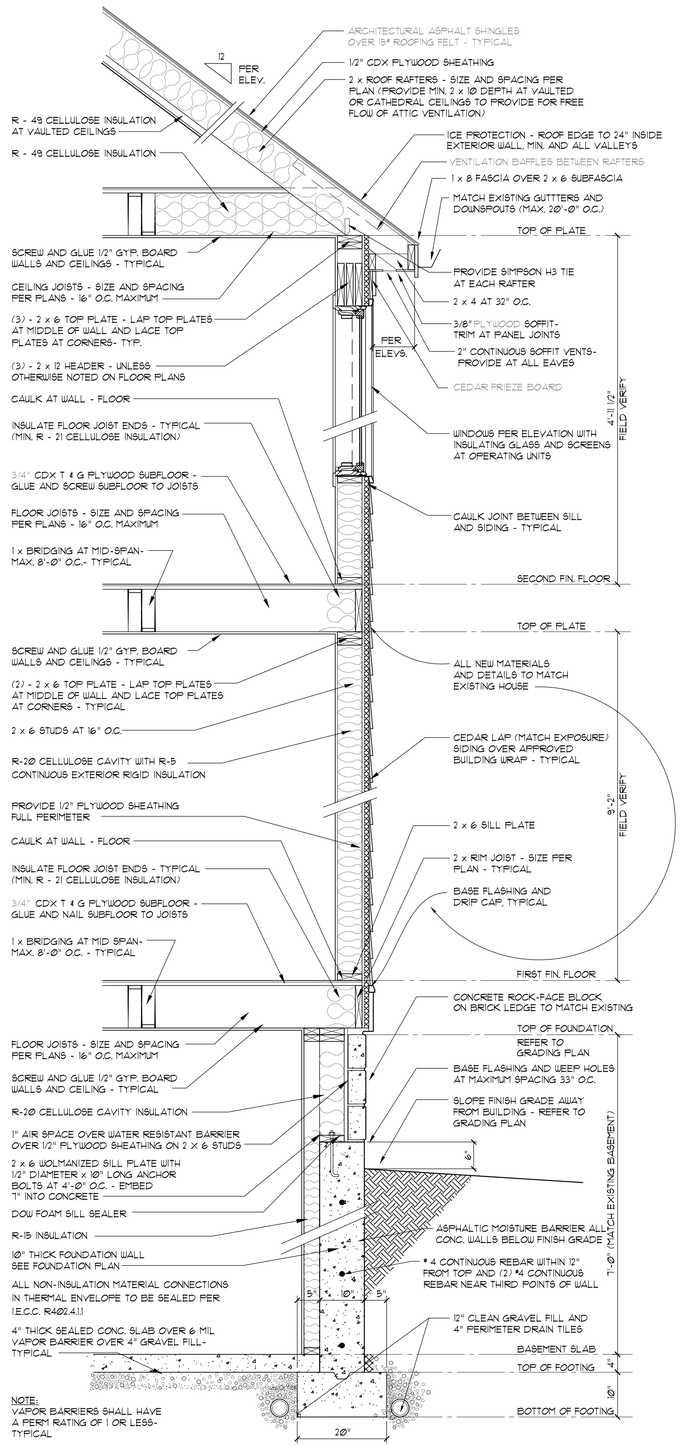
EXHIBIT C



Detached Garage Section

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



typical new frame wall section

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

EXHIBIT C

THOMAS J.
RYAN, JR.
ARCHITECT
WWW.TJRJARCH.COM
TEL: 630.428.3830

description	date

STATE OF ILLINOIS
THOMAS J. RYAN JR.
001-013128
REGISTERED ARCHITECT
Exp. 11/26

Conrad Haase
337 N. SLEIGHT STREET
NAPERVILLE, IL

RENOVATION & ADDITION

WALL SECTIONS

drawn	TJR
file name	091624CD
date	09 / 17 / 25
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project number	091624

sheet

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