

SYMBOLS

- ⊙ SMOKE DETECTOR INTERCONNECTED
⊗ CARBON MONOXIDE DET INTERCONNECTED
⊕ EMERGENCY EXIT SIGN
⌚ 2-HEAD EMERGENCY LIGHT
⊠ FIRE ALARM PULL STATION
⊞ AUDIO / VISUAL ALARM
⊞ SPEAKER
⊞ SPRINKLER HEAD
⊞ FIRE EXTINGUISHER
□ 2x4 LIGHT FIXTURE
□ 2x2 LIGHT FIXTURE
○ RECESSED INCAND. LIGHT FIXTURE
⊕ CEILING MOUNTED LIGHT FIXTURE
⊕ WALL MOUNTED LIGHT FIXTURE
⊕ WALL MOUNTED LIGHT BAR
⊗ CHANDELIER
⊗ CEILING FAN W/ LIGHT
⊞ 3-WAY LIGHT SWITCH
⊞ DIMMER SWITCH
⊞ OCCUPANCY SENSOR LIGHT SWITCH
⊞ SINGLE POLE LIGHT SWITCH
⊞ EXHAUST FAN
⊞ SUPPLY DIFFUSER
⊞ RETURN GRILL
⊞ PHONE / DATA JACK @ 18" AFF
⊞ DATA JACK @ 18" AFF
⊞ 6FI DUPLEX RECEPT. IV GROUND FAULT INT.
⊞ WP WEATHER PROOF DUPLEX RECEPT.
⊞ DUPLEX RECEPTACLE
⊞ DEDICATED CIRCUIT
⊞ DUPLEX FLOOR RECEPTACLE
⊞ 220V DEDICATED OUTLET
⊞ DIGITAL / PROGRAMMABLE THERMOSTAT
⊞ JUNCTION BOX
⊞ PUSH BUTTON
⊞ FP FROST PROOF HOSE BIBB
⊞ FD FLOOR DRAIN
⊞ DOOR IDENTIFICATION TAG
⊞ WALL TYPE TAG
⊞ EXISTING TO REMAIN
⊞ EXISTING TO BE DEMOLISHED
⊞ NEW CONSTRUCTION
AND
@ AT
x BY (LOWERCASE)
℄ CENTER LINE
∅ DIAMETER
NUMBER
℄ PROPERTY LINE
± PLUS OR MINUS

WALL SYMBOLS

- EXISTING WALL
- TO REMAIN
- - - - - EXISTING WALL
- EXISTING FRAMING TO REMAIN,
REMOVE DRYWALL
⚡ EXISTING WALL
- TO BE REMOVED
= EXISTING WALL
- EXISTING FRAMING W/ NEW DRYWALL
= EXISTING WALL
- W/ NEW VAPOR BARRIER
AND SIDING
= NEW WALL

MATERIALS

- COMPACTED EARTH WORK
GRAVEL, POROUS FILL
SAND
CONCRETE
STONE
BRICK
CONCRETE MASONRY UNIT
STEEL
WOOD FRAME
BLOCKING OR SHIM
FINISH WOODWORK
GYPSUM BOARD
WATERPROOFING / VAPOR BARRIER
REINFORCING BARS OR TIES
ASPHALT SHINGLE
BRICK FACE
SHAKE
RIGID INSULATION
BATT INSULATION

ABBREVIATIONS

- A/C AIR CONDITIONING
AFF ABOVE FINISHED FLOOR
ALUM ALUMINUM
BD BOARD
BRG BEARING
C CERAMIC
CCT CIRCUIT
CFM CUBIC FEET / MINUTE
COL COLUMN
CPT CARPET
CO CLEAN OUT
C.T. CERAMIC TILE
D DIMMER
DBL DOUBLE
DET DETAIL
DIA DIAMETER
DN DOWN
D.S. DOWNSPOUT
DW DISHWASHER
DWS DRAWING
E EXISTING
EA. EACH
EL ELEVATION
EX EXISTING
EXH EXHAUST
FD FLOOR DRAIN
FE FIRE EXTINGUISHER
EF EXHAUST FAN
F/L FAN / LIGHT
FL FLOOR
FFHB FROST PROOF HOSE BIB
FR FRENCH
GC GENERAL CONTRACTOR
GL GLASS
GYP GYPSUM
H HIGH
HC HOLLOW CORE
HDND HARDWOOD
HMND HOLLOW METAL
HR HOUR
LAV LAVATORY (SINK)
LLV LONG LEG VERTICAL
LVL LAMINATED VENEER LUMBER
LP LIGHTING PANEL
MAX. MAXIMUM
MIN. MINIMUM
M.O. MASONRY OPENING
MTD MOUNTED
N NEW
NTS NOT TO SCALE
O.C. ON CENTER
OH OVER HEAD
PKT POCKET
PNL 2, 4 OR 6 PANEL
PR PAIR
PTD PAINTED
R RISERS
RR REMOVE AND REPLACE
REF REFRIGERATOR
SAN SANITARY
SC SOLID CORE
SF SQUARE FEET
SH SHELF
S.S. STAINLESS STEEL
STL STEEL
SMS STRUCTURAL WOOD SCREWS
T TEMPERED
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
V.B. VAPOR BARRIER
VCT VINYL COMPOSITION TILE
VTR VENT THROUGH ROOF
V.I.F. VERIFY IN FIELD
W WASHER
WC WATER CLOSET
WCO WALL CLEAN OUT
WD WASHER / DRYER
WD WOOD
WH WATER HEATER
WP WATER PROOF

GENERAL NOTES

1. ALL INTERIOR FINISHES SHALL HAVE A CLASS I FLAME SPREAD RATING.
2. ALL INTERIOR FINISHES SHALL HAVE A CLASS I FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E84.
3. EXCEPT AS HEREIN MODIFIED, THE GENERAL CONDITIONS OF THE CONTRACT SHALL BE AIA DOCUMENT A201, "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION", AS PUBLISHED BY THE AMERICAN INSTITUTE OF ARCHITECTS. THIS DOCUMENT IS PART OF THESE SPECIFICATIONS, WITH THE SAME FORCE AND EFFECT AS IF REPEATED HEREIN IN DETAIL.
4. THE GENERAL CONTRACTOR SHALL SECURE AND PAY FOR ALL REQ'D PERMITS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SCHEDULING AND GIVING NOTICE FOR ALL REQUIRED INSPECTIONS.
5. WAIVERS OF LIEN ARE REQUIRED FROM THE GENERAL CONTRACTOR, ALL SUB-CONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO PAYMENT.
6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH, AND FOLLOW ALL STATE AND LOCAL CODES. IF A CONTRADICTION IS FOUND, BIDDERS SHALL ADVISE THE OWNER AND ARCHITECT IMMEDIATELY SO THAT A CLARIFICATION MAY BE ISSUED PRIOR TO CONSTRUCTION.
7. ALL CONTRACTORS ARE RESPONSIBLE FOR THE COORDINATION OF THEIR OWN WORK WITH ALL OTHER TRADES AND THE PROPER SEQUENCING OF THEIR WORK TO COINCIDE WITH THE CONSTRUCTION SCHEDULE, SO AS NOT TO DELAY THE COMPLETION OF OTHER CONTRACTORS OR THE PROJECT.
8. ALL EXISTING OR NEW PARTITIONS, CEILINGS AND/OR FLOORING WHICH ARE DAMAGED AS A RESULT OF DEMOLITION OR NEW CONSTRUCTION SHALL BE REPAIRED, PRIMED AND PAINTED AS REQUIRED TO MATCH EXISTING SURFACES AT THE CONTRACTORS EXPENSE. PAINT THESE SURFACES TO THE NEAREST CORNER.
9. THROUGHOUT THE CONSTRUCTION PERIOD, ALL CONTRACTORS AND SUB-CONTRACTORS SHALL MAINTAIN THE BUILDING IN A NEAT AND ORDERLY CONDITION. AT THE END OF EACH DAY, ALL CONTRACTORS AND SUB-CONTRACTORS SHALL INSPECT THE CONSTRUCTION AREA AND PICK UP ALL SCRAP, DEBRIS AND WASTE MATERIAL RESULTING FROM THEIR WORK.
10. IT IS NOT INTENDED THAT THE DRAWINGS SHOW AND LOCATE TO EXACT DIMENSIONS AND SHOW EACH PIECE OF APPARATUS. ALTHOUGH IT IS UNDERSTOOD THAT THE DRAWING SHALL BE FOLLOWED AS CLOSELY AS CIRCUMSTANCES PERMIT, ALL CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION IN ACCORDANCE WITH THE INTENT AND MEANING OF THE DRAWINGS, SPECIFICATIONS AND STANDARD PRACTICE.
11. DIMENSIONS ARE TO FACE OF FINISHED WALLS. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
12. ALL CONTRACTORS MUST VISIT THE SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING A BONA-FIDE BID. CHANGE ORDERS FOR EXTRAS WILL NOT BE APPROVED FOR CONDITIONS OR SITUATIONS WHICH MAY HAVE BEEN APPARENT DURING A PRE-BID WALK THROUGH.
13. ALL SALVAGEABLE / "DEMOLISHED" MATERIAL SUCH AS DOORS, CARPET, ELECTRICAL FIXTURES, ETC. SHALL BECOME PROPERTY OF THE OWNER - IF THEY SO CHOOSE. DEBRIS WHICH THE OWNER DOES NOT WANT BECOMES PROPERTY OF THE GENERAL CONTRACTOR AND MUST BE LEGALLY REMOVED AND DISPOSED OF OFF SITE.

GUDAUSKAS HOUSE FIRE RE-BUILD

14725 HOLLY CT., ORLAND PARK, IL. 60462

BUILDING CODES

2018 INTERNATIONAL RESIDENTIAL BUILDING CODE W/ VILLAGE AMENDMENTS

2018 INTERNATIONAL PROPERTY MAINTENANCE CODE W/ VILLAGE AMENDMENTS

2018 INTERNATIONAL FIRE CODE W/ VILLAGE AMENDMENTS

2018 INTERNATIONAL MECHANICAL CODE W/ VILLAGE AMENDMENTS

2014 STATE OF ILLINOIS PLUMBING CODE W/ VILLAGE AMENDMENTS

2017 NATIONAL ELECTRIC CODE W/ VILLAGE AMENDMENTS

2018 ILLINOIS ENERGY CONSERVATION CODE (IECC), CURRENT EDITION

DRAWING INDEX

A1 - GENERAL NOTES, BUILDING CODES, DEMO. FLOOR PLANS, AND EXISTING SITE PLAN

A2 - PROPOSED GROUND FLOOR AND SECOND FLOOR PLANS

A3 - FOUNDATION AND ROOF PLANS

A4 - EXTERIOR BUILDING ELEVATIONS

A5 - BUILDING SECTION

M1 - MECHANICAL PLANS

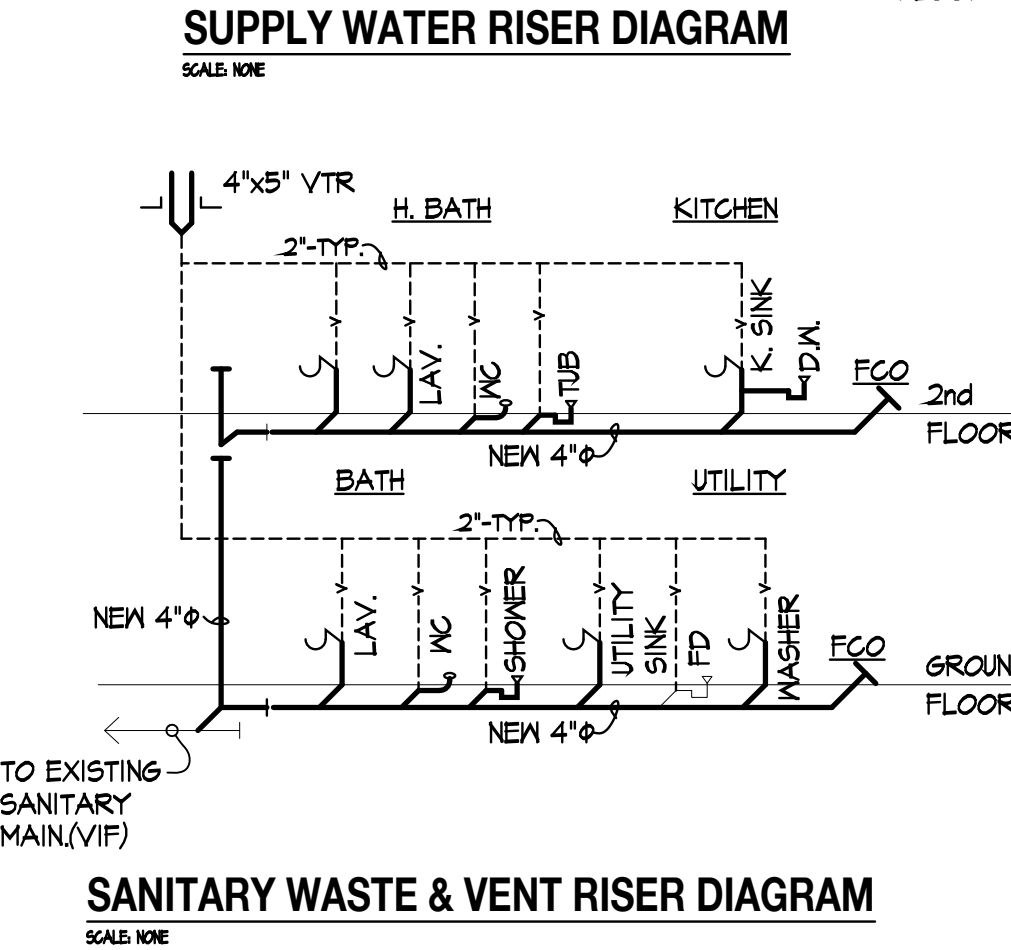
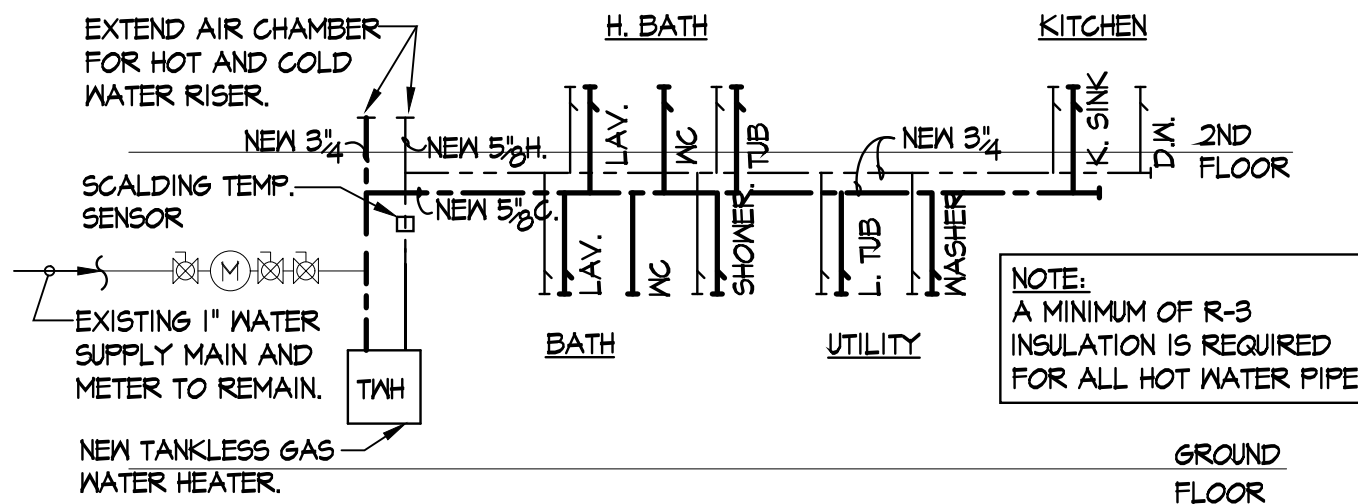
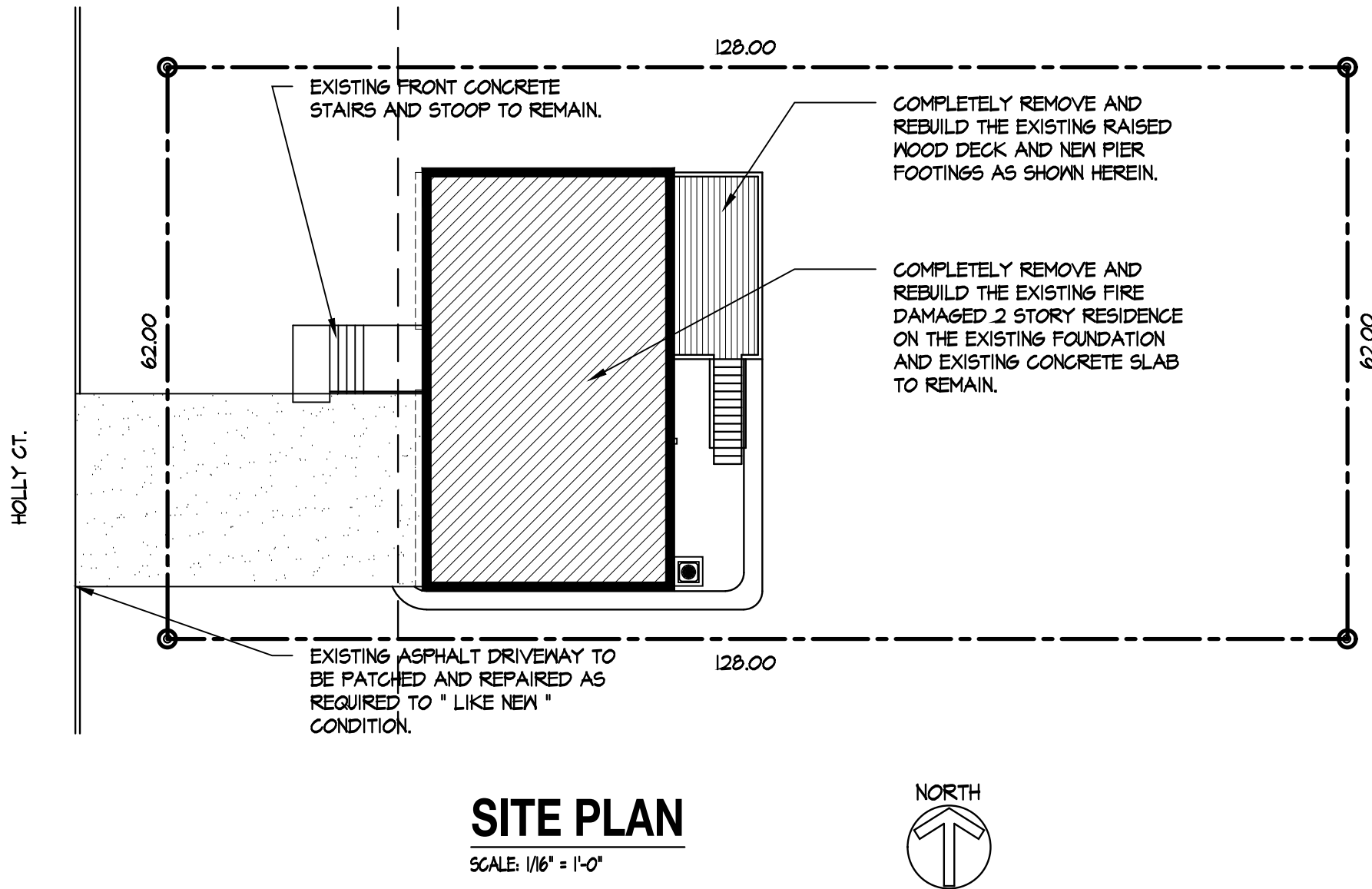
E1 - ELECTRICAL PLANS

LIGHT AND VENTILATION CALCULATION						
ROOM NAME		AREA	LIGHT		VENTILATION	
			REQUIRED	ACTUAL	REQUIRED	ACTUAL
2nd FLOOR	PRIM. BEDROOM	150	12.67	34.54	6.32	18.19
	BEDROOM #2	120	10.24	34.54	5.12	18.19
	BEDROOM #3	110	8.80	19.16	4.40	10.09
	BATH ROOM	56	---	5.98	2.24 25/50cfm	3.15 110cfm
	KITCHEN/BREAK	127	---	10.25	5.08 50/100cfm	5.40 250cfm
	DINING ROOM	118	9.44	38.00	4.72	20.00
GROUND LEVEL	LIVING ROOM	263	21.04	32.14	10.52	33.83
	RECREATION ROOM	348	27.84	86.78	13.92	45.67
	BATH ROOM	54	---	4.95	2.36 25/50cfm	2.61 110cfm

FIXTURE COUNT CALCULATION					
ROOM NAME	FIXTURE	EXT'G	NEW	FIXT. UNIT	SUB-TOTAL
2nd FLOOR	KITCHEN				
	K. SINK	1		2	2
	D.W.	1		1	1
	H. BATH				
	LAV.	2		1	2
	TUB	1		2	2
	TOILET	1		3	3
	LAUNDRY				
1st FLOOR	L. SINK	1		2	2
	MASHER	1		3	3
	TOILET	1		3	3
	SHOWER	1		2	2
TOTAL FIXTURE UNITS					21 W.S.F.U.
* PLUMBER TO INSTALL NEW 1" WATER SERVICE LINE W/ 3/4" METER.					

PLUMBING NOTES

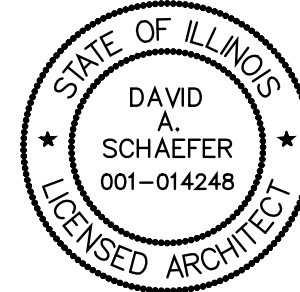
1. ALL UNDERGROUND SOIL & WASTE PIPES TO BE PVC (3" MIN.).
2. ALL SUPPLY LINES SHALL BE TYPE 1" COPPER.
3. ALL UNDERGROUND VENT PIPES TO BE PVC (2" MIN.).
4. ALL WATER SUPPLY LINES FROM WATER METER TO FIXTURES TO BE BE AS NOTED ON THE DRAWINGS.
5. ALL WASTE LINES BELOW GRADE TO BE RODDED FREE OF ANY OBSTRUCTIONS.
6. PROVIDE CLEAN-CUT AT STACK BASES PER CODE REQUIREMENTS.
7. EXTEND ROOF VENTS MINIMUM 12" ABOVE ROOF.
8. AIR BUILDING WATER SUPPLY SYSTEMS SHALL BE PROVIDED WITH AIR CHAMBERS OR APPROVED MECHANICAL DEVICES OR WATER HAMMER ARRESTORS TO ABSORB PRESSURE SURGES. AN AIR CHAMBER THAT IS INSTALLED IN A FIXTURE SUPPLY SHALL BE AT LEAST 12 INCHES IN LENGTH AND THE SAME SIZE AS THE FIXTURE SUPPLY. AN AIR CHAMBER THAT IS INSTALLED IN A RISER SUPPLY SHALL BE AT LEAST 24 INCHES IN LENGTH AND THE SAME SIZE AS THE RISER.
9. PROVIDE 24" AIR CHAMBER AT ALL RISER MAINS.
10. PROVIDE SHUT-OFF VALVES AT ALL PLUMBING FIXTURES AND RISER.
11. ALL FLOOR DRAINS TO BE VENTED. 2" RE-VENT.
12. CONTRACTOR SHALL VISIT THE PROJECT SITE AND VERIFY ALL EXISTING CONDITIONS.
13. MIN. PIPE SIZE FOR SANT. WASTE LINES ABOVE GROUND IS 2".
14. MAX. LENGTH 1 1/2" VENT PIPING IS 10'.
15. ALL WORK AND MATERIAL SHALL COMPLY WITH THE STATE OF ILLINOIS PLUMBING CODE AND ALL LOCAL AMENDMENTS.
16. A MINIMUM OF R-3 INSULATION IS REQUIRED FOR ALL NEW HOT WATER PIPE WATER PIPE



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GUDAUSKAS HOUSE FIRE REBUILD

14725 HOLLY COURT
ORLAND PARK, IL. 60462

DRAWN BY: S. LEE	SHEET NO. A1
PROJECT NO: 24-141	
ISSUE DATE: AUG 19, 2024	

1. STANDARD MATERIALS, U.N.O.:

- SILL PLATES AWN 2x6 PRESSURE TREATED FOR ROT & TERMITES
- STUDS FIR (KD) STUD NO. 3
- FLOOR SHEATHING 3/4" CDX T&G FIR PLYWOOD APA RATED
- ROOF SHEATHING 5/8" CDX FIR PLYWOOD APA RATED
- SHIMS CLEAR CEDAR
- BRIDGING 1x3 NO. 2 PINE OR ROLLED PREFAB STEEL

- AND STRUCTURAL GLUE LAMINATED TIMBER TO BE IDENTIFIED BY A 10.
GRADE MARK OR CERTIFICATION OF INSPECTION ISSUED BY A U.B.G.
APPROVED AGENT. MICROLAM MANUFACTURED BY TRUS JOIST
CORP. BOISE, IDAHO OR GEORGIA PACIFIC. 19.
- TRUSS MANUFACTURER TO PROVIDE ENGINEERING FOR ALL TRUSSED
UNITS TO BE SEALED BY STRUCTURAL ENGINEER. MANUFACTURED
TRUSS UNITS TO BE INSPECTED AND APPROVED BY RECOGNIZED
QUALITY CONTROL AGENCY. 20.
- PROVIDE SOLID VERTICAL BLOCKING AND FLOOR BRACING
BENEATH COLUMN ABOVE. 21.
- ALL STRUCTURAL BEAMS SHALL FULL STUD BEARING WITH MINIMUM 2
ADJACENT STUDS FULL HEIGHT TO FORM A POCKET. ALL STUDS IN
THESE GROUPS SHALL HAVE FULL BEARING AND OR BLOCKING TO
FOUNDATION WALL OR BEAM BELOW. 22.
- MULTIPLE MICROLAMS OR 2X'S SHALL BE GLUED AND FASTENED
TOGETHER WITH 2 ROWS OF 16D. NAILS AT 10" O.C. STAGGERED OR
AS RECOMMENDED BY MFR. U.N.O. 23.
- ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
LUMBER. 24.
- BRACE ALL EXTERIOR WALLS AT CORNERS WITH 1X4 LET IN BRACING
(IN LIEU OF SHEATHING) OR 1/2" PLYWOOD. 25.
- PROVIDE 1/2" DIAMETER SILL ANCHOR BOLTS AT 4'-0" O.C. AND
LOCATED NO FURTHER THAN 12" FROM BUILDING CORNERS. THERE
SHALL BE A MINIMUM OF 2 BOLTS PER PLATE. 26.
- CUTTING AND NOTCHING OF STUDS SHALL COMPLY WITH THE
REQUIREMENTS OF IRC 606.6 27.
- CUTTING AND NOTCHING OF FLOOR AND CEILING JOISTS SHALL MEET
WITH THE REQUIREMENTS OF IRC S202.8 28.
- ALL HEADERS SHALL 2-2x12'S UNLESS NOTED OTHERWISE W/ (3) -
2x4 COLUMN AT EACH END OF ALL WOOD BEAMS & HEADERS (MAX
SPAN 1 = 4'). SEE LINTEL SCHEDULE FOR BRICK LINTEL. 29.
- HOLES BORED IN FLOOR JOISTS SHALL COMPLY WITH IRC R502.8.
ALL PLYWOOD SHEATHING IS TO BE APA APPROVED. 30.

2 SECOND FLOOR PLAN

DESIGN CRITERIA:

<u>FLOOR LOADS</u>	<u>LL</u>	<u>DL</u>
INTERIOR FLOOR LOADS	40 PSF	10 PSF
EXTERIOR DECKS	100 PSF	10 PSF
BALCONIES	100 PSF	10 PSF
INTERIOR FLOOR LOADS (SLEEPING)	40 PSF	10 PSF
 <u>CEILING LOADS</u>		
ATTIC STORAGE	20 PSF	10 PSF
 <u>ROOF LOADS</u>		
ROOF	30 PSF	20 PSF
ROOF CATHEDRAL CEILING	30 PSF	15 PSF
 <u>WALL LOADS</u>		
FRAME W/ SIDING	8 PSF	
	64 PSF FOR AN 8'-0" WALL	

1. LINTELS SHALL BE PROVIDED FOR ALL MASONRY OPENINGS AS SHOWN ON THE DRAWINGS. IN ADDITION, LINTELS ARE REQUIRED FOR ANY MECHANICAL, ELECTRICAL, OR PLUMBING OPENINGS IN MASONRY WALLS WITH A WIDTH GREATER THAN 12".

2. LINTEL SHALL HAVE A MINIMUM BEARING OF 8" FOR SPANS UP TO 8'-0" AND 16" FOR SPANS GREATER THAN 8'-0" UNLESS NOTED. LINTELS IN NON-LOAD BEARING WALLS SHALL BE OF THE SIZES LISTED BELOW.

3. MASONRY LINTEL INFORMATION LEFT BLANK MEANS A LINTEL IS REQUIRED.

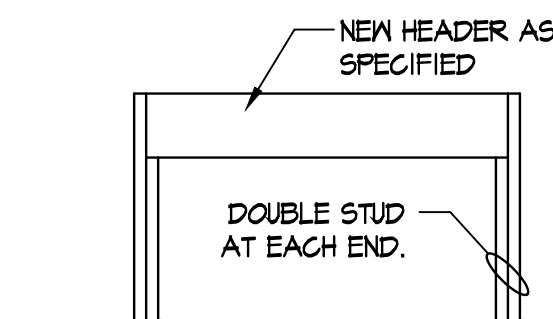
4" WALL SPAN	STEEL LINTEL
4'-0"	L 3 1/2x3 1/2x5/16
4'-0" - 6'-0"	L 5x3 1/2x3/8 (LLV)
6'-0" - 8'-0"	L 6x3 1/2x3/8 (LLV)

FRAMING NOTES:

1. EXTERIOR OR LOAD BEARING WALLS WITH PLATES CUT, DRILLED OR NOTCHED MORE THAN 50% OF THE WIDTH OF THE STUD SHALL HAVE A GALVANIZED METAL TIE 6 GAGE AND 1 1/2" WIDE FASTENED TO EACH PLATE.
(SECTION : R602.6)
2. EXTERIOR OR LOAD BEARING WALLS WITH STUDS DRILLED WITHIN 3" OF THE FACE OF THE STUD SHALL BE REINFORCED WITH A STRUCTURAL STUD SHOE. (SECTION : R602.6)
3. FIRE BLOCK ALL PENETRATIONS IN ACCORDANCE WITH SECTION R302.11.
4. ALL EXISTING EXPOSED FRAMING MEMBERS WHICH MAY BE CUT, NOTCHED OR DAMAGED BEFORE CODE SHALL BE REPAIRED OR REPLACED AT TIME OF INSPECTION.
5. ANY EXISTING WALLS OR CEILINGS THAT ARE OPENED SHALL BE PROPERLY INSULATED.
(SECTION R503.1.1)

VAPOR RETARDER NOTE:
WALL ASSEMBLIES IN THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH THE VAPOR RETARDER REQUIREMENTS OF SECTION R102.7 OF THE INTERNATIONAL RESIDENTIAL CODE OR SECTION 1404.3 OF THE INTERNATIONAL BUILDING CODE, AS APPLICABLE.

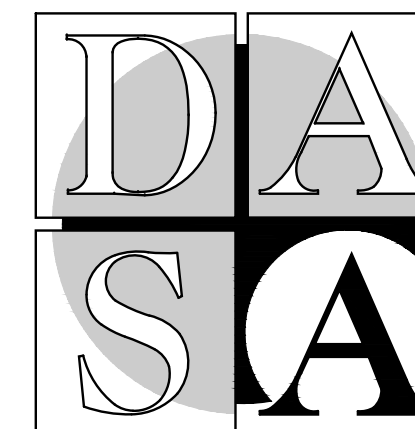
ENERGY CODE NOTE:
AIR BARRIERS SHALL BE INSTALLED BEHIND ALL ACCESSIBLE ELECTRICAL BOXES AT BUILDING THERMAL ENVELOPE. (I.E. FLOORS, CEILINGS, WALLS, SOFFITS, ETC.)



NTS

AIR LEAKAGE NOTE:
THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENT OF SECTIONS R402.4.1. THROUGH R402.4.5. OF THE 2021 IECC.

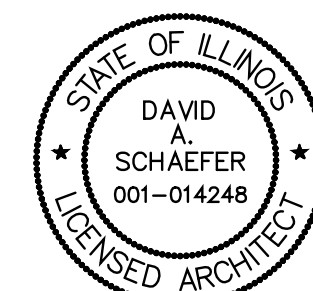
NOTE:
THE PRESCRIPTIVE REQUIREMENT
FOR WALL FENESTRATION
U-FACTOR
IS 0.30 MAX. PER TABLE R402.1.3
OF THE 2021 IECC



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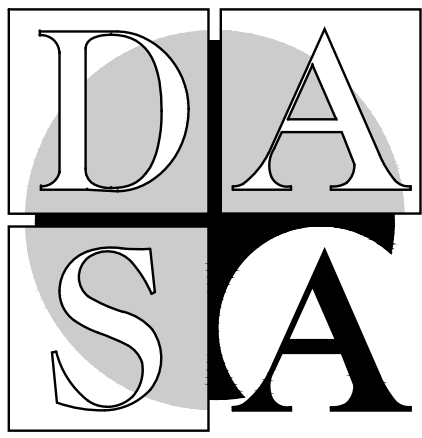
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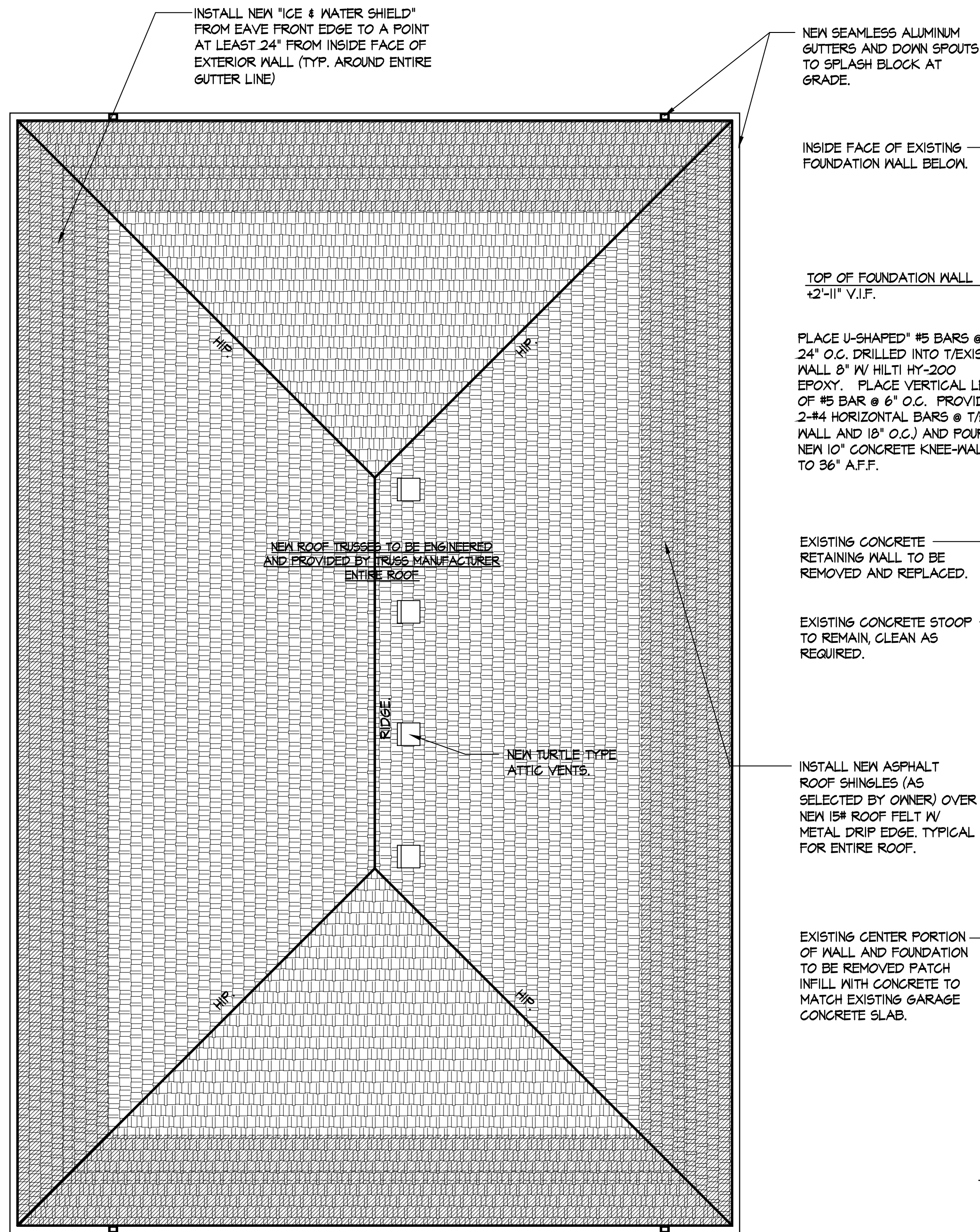
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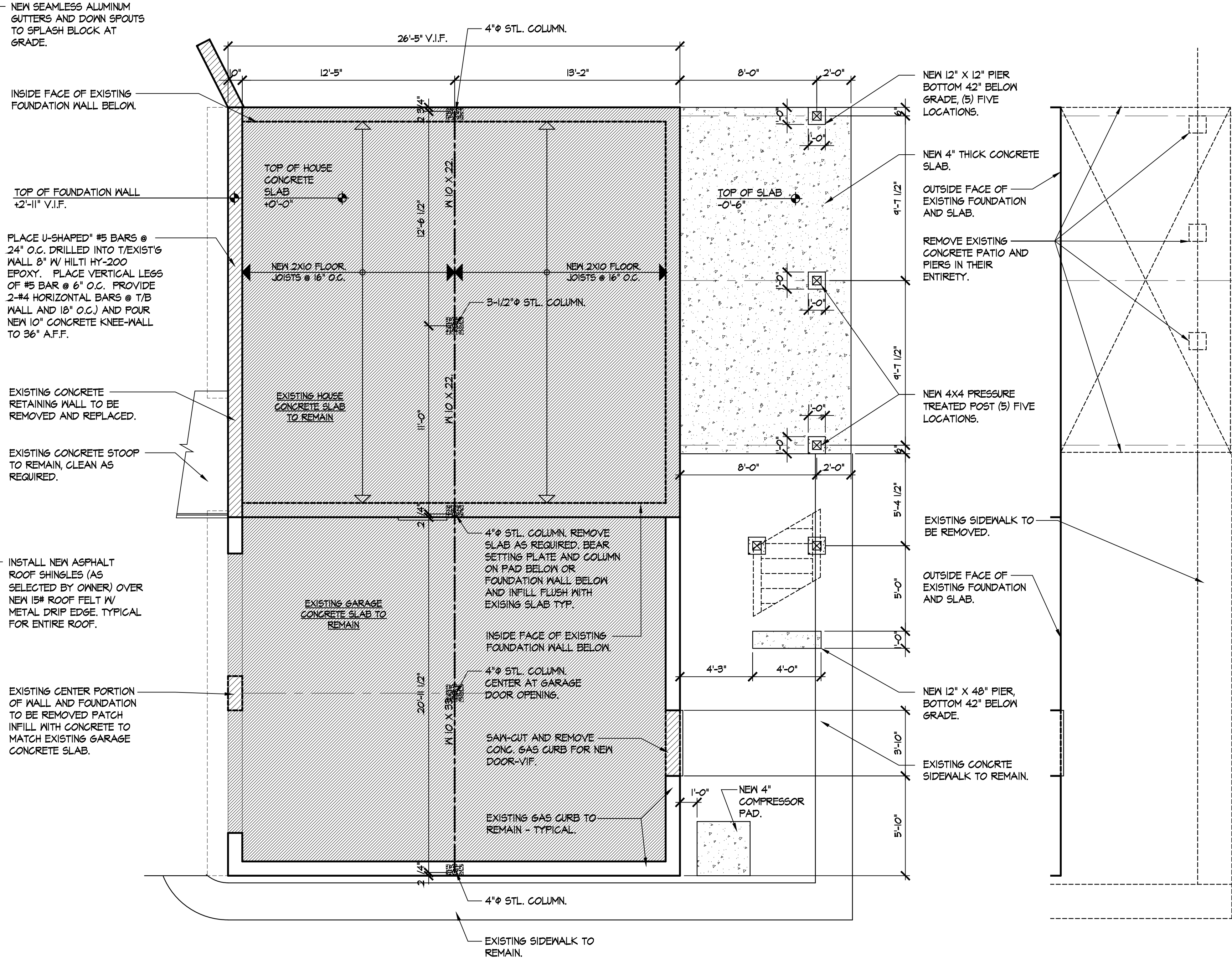
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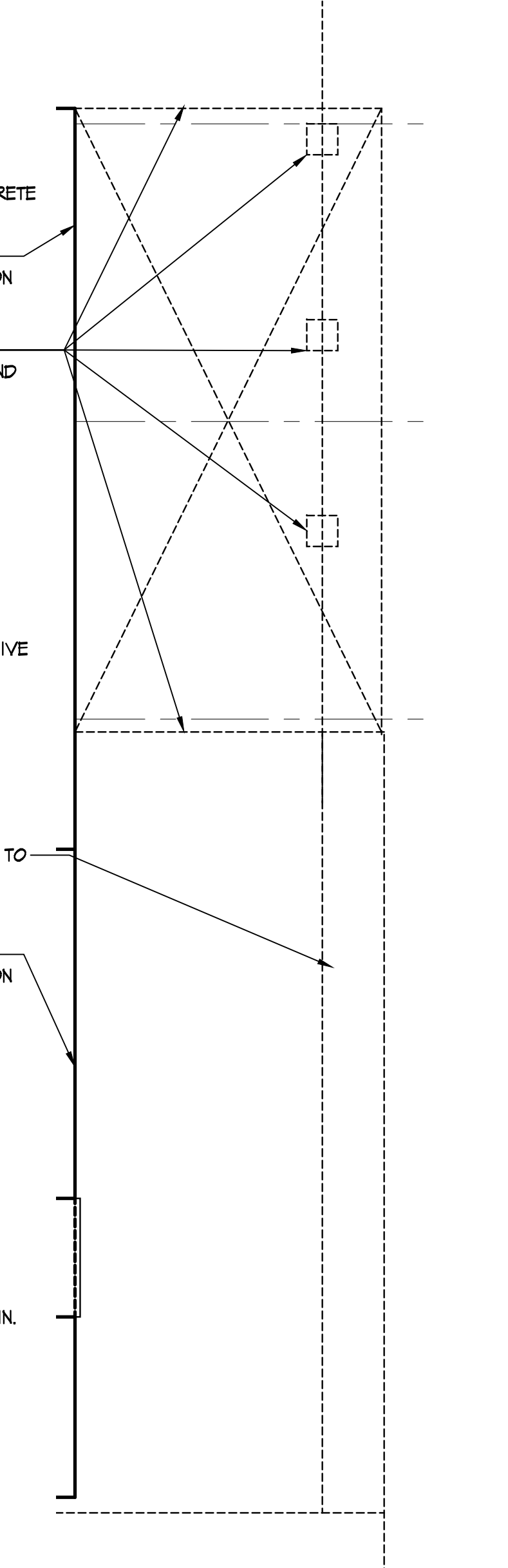
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3 ROOF PLAN
SCALE: 1/4" = 1'-0"
NORTH

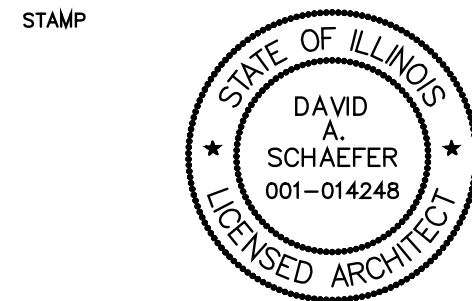


2 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
NORTH



1 PATIO DEMO PLAN
SCALE: 1/4" = 1'-0"
NORTH

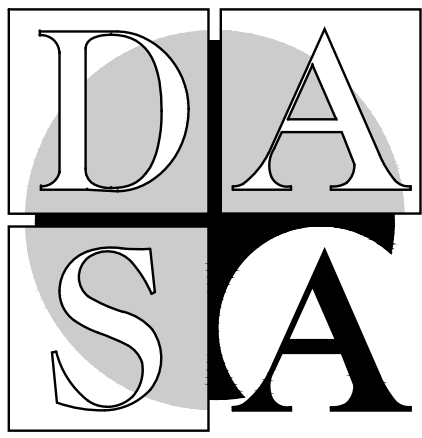
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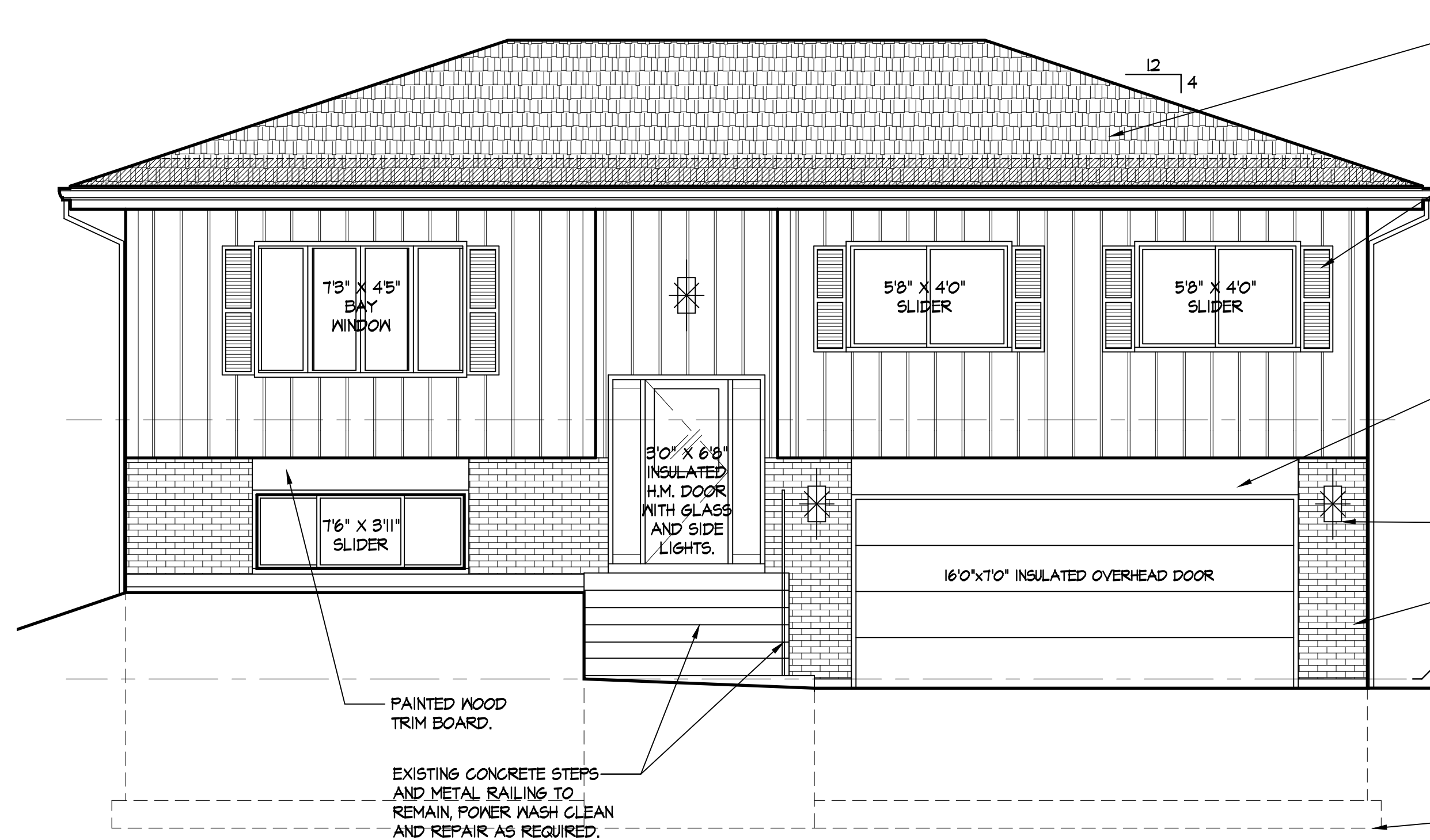
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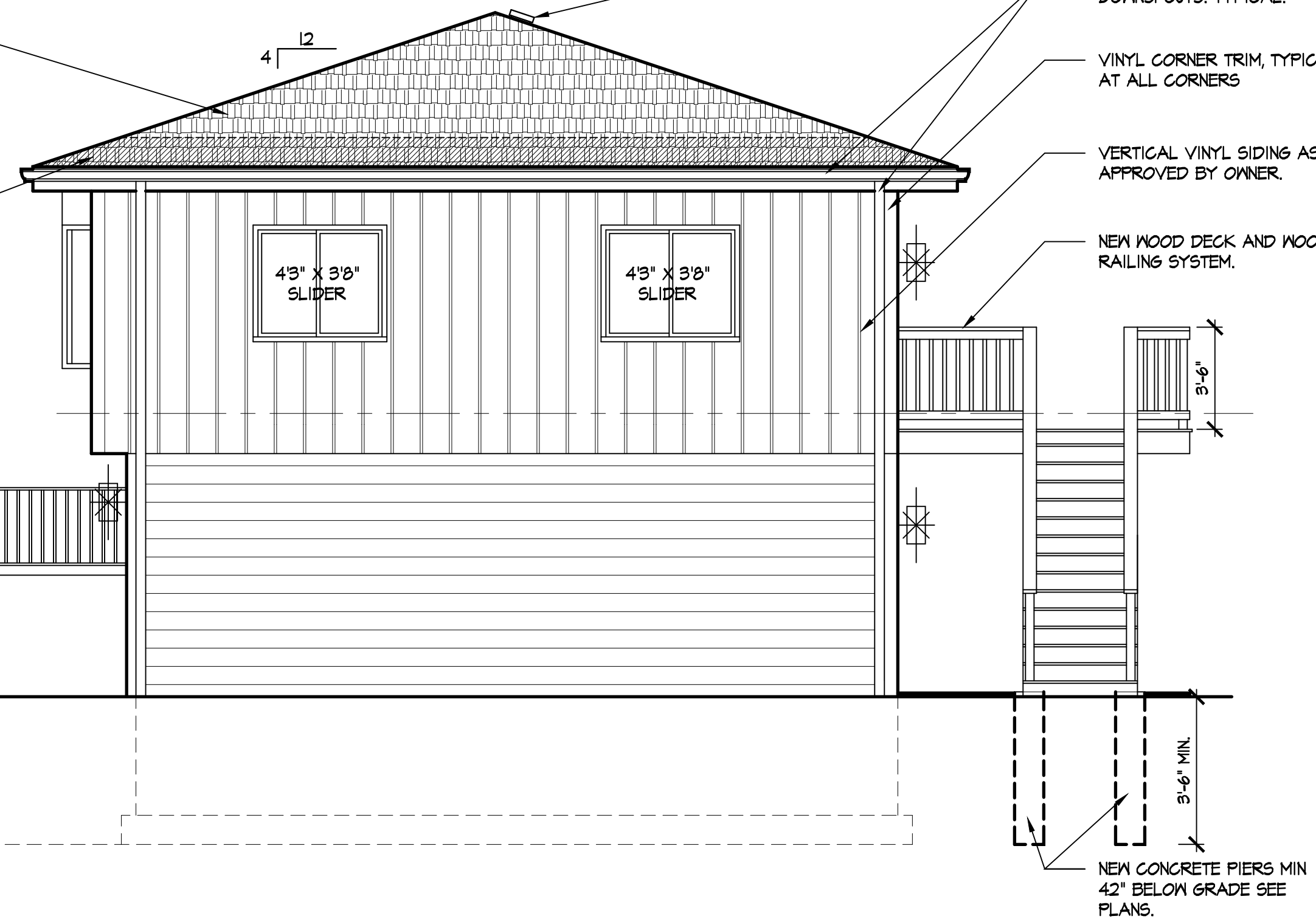


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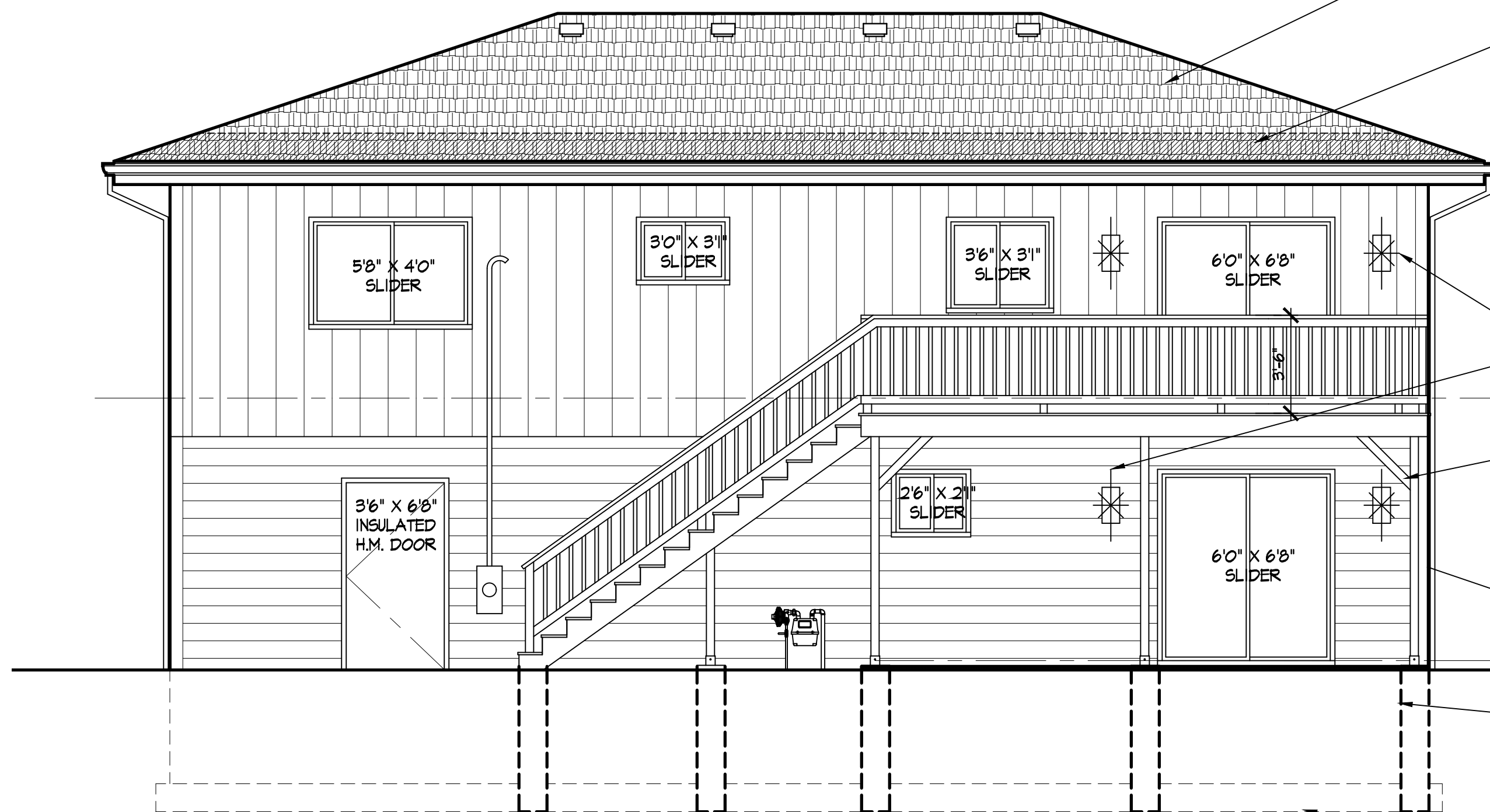
4 WEST ELEVATION
SCALE: 1/4" = 1'-0"

- NEW ASPHALT SHINGLE ROOF OVER NEW 15# ROOF FELT W/ METAL DRIP EDGE ON NEW 5/8" CDX PLYWOOD SHEATHING AND NEW PREFAB. ROOF TRUSSES.
- NEW FLUSH MOUNT DECORATIVE SHUTTERS.
- SECOND FLOOR CEILING EL: +6'-10 1/2"
- INSTALL NEW "ICE & WATER SHIELD" FROM EAVE FRONT EDGE TO A POINT AT LEAST 24" FROM INSIDE FACE OF EXTERIOR WALL (TYP.)
- PAINTED WOOD TRIM BOARD.
- SECOND FLOOR CEILING EL: +8'-10 1/2" A.F.F.
- CLEAN AND REPAINT EXISTING METAL HAND RAIL TO REMAIN.
- NEW EXTERIOR COACH LIGHTS AS SELECTED BY OWNER.
- NEW FACE BRICK AS APPROVED BY OWNER.
- GROUND FLOOR CONC. SLAB EL: 0'-0"
- GRADE / GARAGE SLAB EL: -0'-6"
- EXISTING CONCRETE STEPS TO REMAIN.
- EXISTING FOOTINGS TO REMAIN.



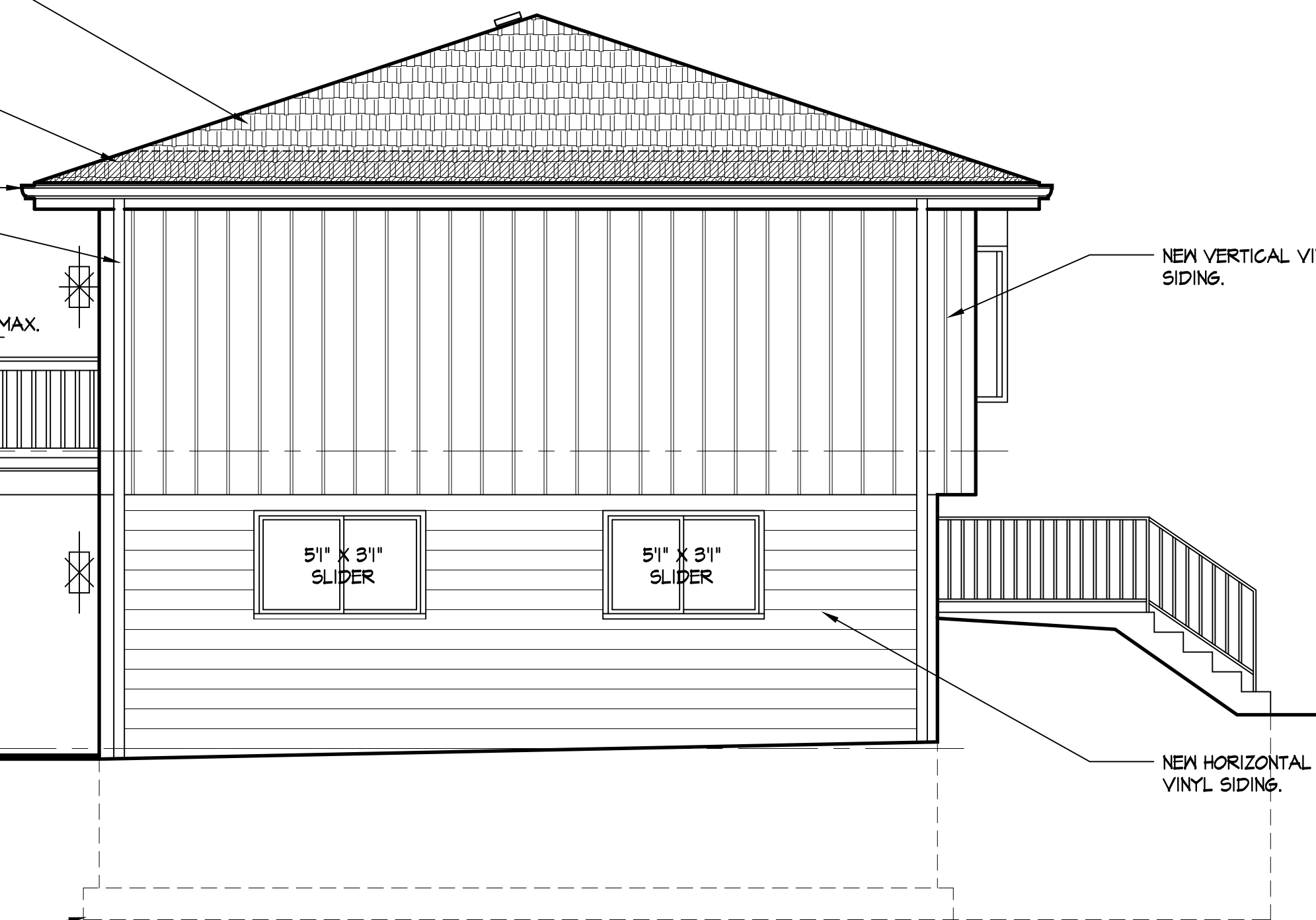
2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

- TURTLE STYLE ROOF VENTS.
- ALUMINUM GUTTERS AND DOWNSPOUTS, TYPICAL.
- VINYL CORNER TRIM, TYPICAL AT ALL CORNERS.
- VERTICAL VINYL SIDING AS APPROVED BY OWNER.
- NEW WOOD DECK AND WOOD RAILING SYSTEM.
- NEW CONCRETE PIERS MIN 42" BELOW GRADE SEE PLANS.



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

- NEW ASPHALT SHINGLE ROOF OVER NEW 15# ROOF FELT W/ METAL DRIP EDGE ON NEW 5/8" CDX PLYWOOD SHEATHING AND NEW PREFAB. ROOF TRUSSES.
- INSTALL NEW "ICE & WATER SHIELD" FROM EAVE FRONT EDGE TO A POINT AT LEAST 24" FROM INSIDE FACE OF EXTERIOR WALL (TYP.)
- ALUMINUM GUTTERS AND DOWNSPOUTS TO SPLASH-BLOCK AT GRADE.
- NEW WOOD GUARD RAIL MOUNTED 42" ABOVE DECK SURFACE WITH 2X2 WOOD SPINDLES @ 5'-1/2" O.C.
- NEW EXTERIOR COACH LIGHTS AS SELECTED BY OWNER.
- 4X4 ANGLE BRACE - TYP.
- NEW 2 X PRESSURE TREATED FRAMING.
- RETAINING WALL BEYOND.
- NEW PRESSURE TREATED FRAMING POST ATTACHED TO TOP OF CONCRETE PIER WITH METAL POST BASE ANCHOR.
- NEW CONCRETE PIER MIN 42" BELOW GRADE.
- EXISTING FOUNDATION TO REMAIN.



1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

- NEW VERTICAL VINYL SIDING.
- NEW HORIZONTAL VINYL SIDING.

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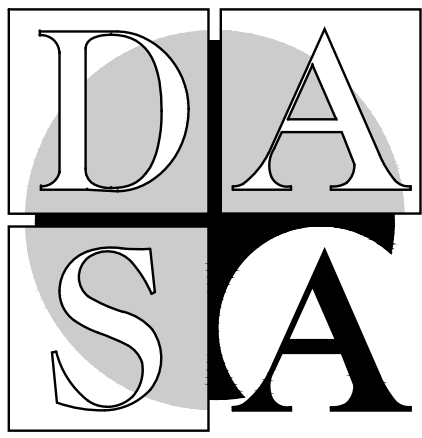


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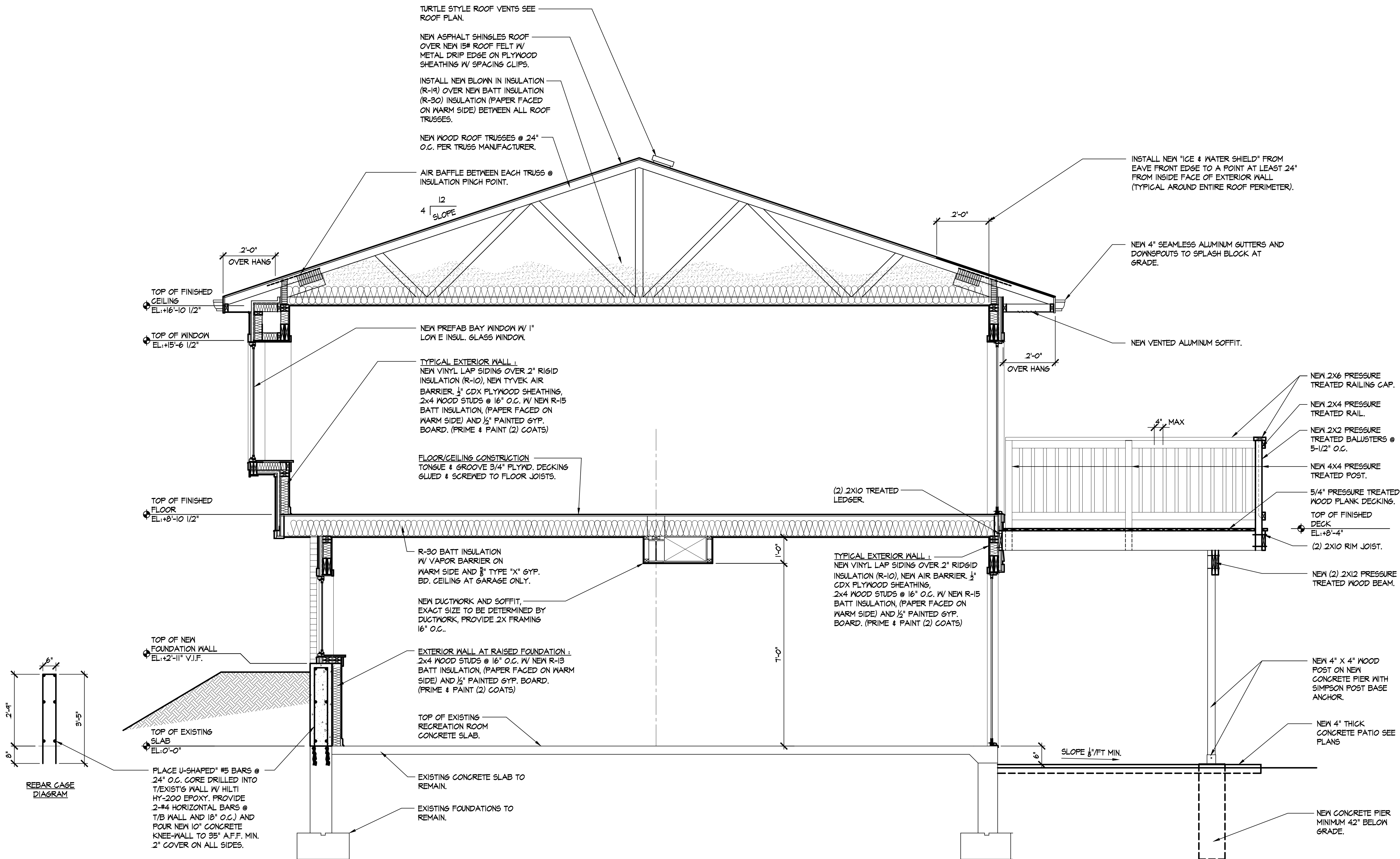
Signature: *David A. Schaefer* 8.22.2024
DATE: 8.22.2024
PROFESSIONAL DESIGN FIRM NO: 184.003216

GUDAUSKAS HOUSE FIRE REBUILD
14725 HOLLY COURT
ORLAND PARK, IL. 60462

DRAWN BY: S. LEE	SHEET NO. A4
PROJECT NO: 24-141	
ISSUE DATE: AUG 19, 2024	



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1 BUILDING SECTION
SCALE: 1/4" = 1'-0"

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GUDAUSKAS HOUSE FIRE REBUILD
14725 HOLLY COURT
ORLAND PARK, IL. 60462

DRAWN BY: S. LEE	SHEET NO. A5
PROJECT NO: 24-141	
ISSUE DATE: AUG 19, 2024	

HVAC GENERAL NOTES

1. THE MECHANICAL CONTRACTOR IS TO REVIEW AND CONFIRM THE PROPOSED FURNACE / CONDENSER CAPACITY AND DUCT LAYOUT / SIZING TO DETERMINE IF IT CAN ADEQUATELY HEAT AND COOL THE PROPOSED HOME. IF THE CONTRACTOR DETERMINES THAT THE FURNACE AND / OR DUCTWORK IS EITHER OVER OR UNDER DESIGNED THEN, THE MECHANICAL CONTRACTOR SHALL NOTIFY THE ARCHITECT, RE DESIGN AND PREPARE A COST ESTIMATE FOR THE OWNER'S APPROVAL. THE NEW DESIGN SHALL GUARANTEE THE HEATING/COOLING SYSTEM FOR 75 DEGREES F INSIDE TEMPERATURE WITH A MIN. OF -20 DEGREES F OUTSIDE WITH A 15 MPH WIND AND 72 DEGREES F INSIDE WITH A TEMPERATURE MAXIMUM OF 100 DEGREES F OUTSIDE RESPECTIVELY. ALL REGISTERS ARE TO BE LOCATED UNDER WINDOWS NOT MORE THAN 4" FROM THE EXTERIOR WALL.
2. EXHAUST AIR FROM BATHROOMS SHALL NOT BE RECIRCULATED AND MUST BE VENTED DIRECTLY TO THE EXTERIOR.
3. FIELD ROUTE AND SUPPORT REFRIGERANT LINES FROM CONDENSER TO EVAPORATOR COIL PER MANUFACTURER'S INSTRUCTIONS.
4. ROUTE COMBUSTION AIR INLET/ GAS OUTLET UP TO CONCENTRIC VENT LOCATED AT ROOF LINE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
5. FIELD ROUTE FURNACE CONDENSATE AND CONDENSER CONDENSATE TO OPEN SITE DRAIN.
6. RUN MAIN SUPPLY DUCT THROUGH OPEN CENTER SECTION OF FLOOR TRUSS.
7. AIR EXHAUST OPENINGS SHALL TERMINATE NOT LESS THAN 3 FEET FROM PROPERTY LINES; 3 FEET FROM OPERABLE AND NON-OPERABLE OPENINGS INTO THE BUILDING AND 10 FEET FROM MECHANICAL AIR INTAKES EXCEPT WHERE THE OPENING IS LOCATED 3 FEET ABOVE THE AIR INTAKE. AIR EXHAUST AND INTAKE OPENINGS THAT TERMINATE OUTDOORS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLES HAVING AN OPENING SIZE OF NOT LESS THAN 1/4 INCH AND A MAXIMUM OPENING SIZE OF 1/2 INCH IN ANY DIMENSION.
8. DUCTS AND AIR HANDLERS SHALL BE SEALED W/ ONLY APPROVED DUCT TAPE OR SEALANT. ALL JOINTS AND SEAMS SHALL COMPLY W/ IMC OR IRC AS APPLICABLE.

GAS-FIRED FURNACE SCHEDULE

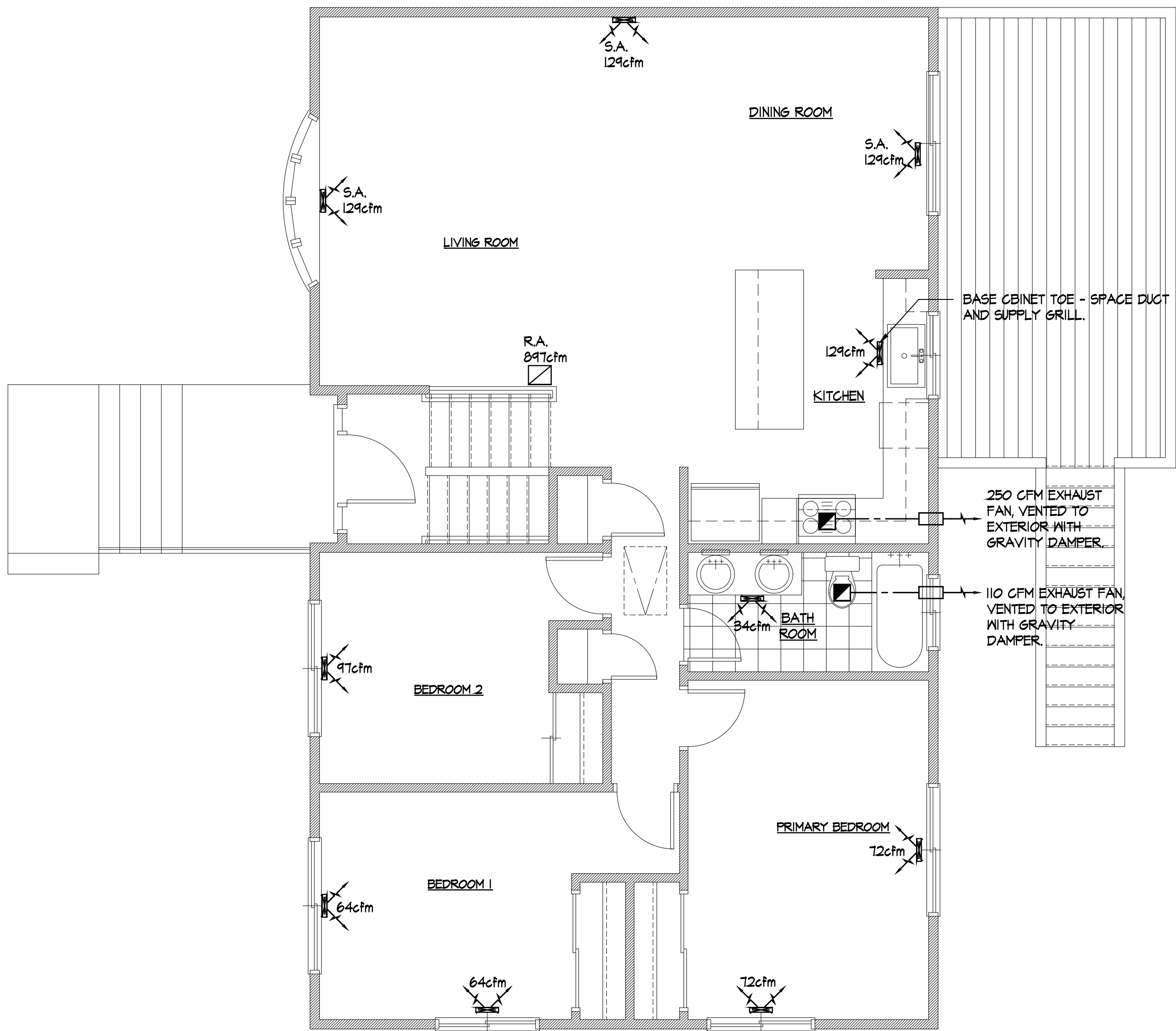
TAG NO.	SUPPLY CFM	LOCATION	NOMINAL SIZE (TONS.)	MINIMUM GAS		MIN. ESP (IN. WG.)	FAN HP	ELECTRICAL DATA (VOLT/PH/MCA/BKR)	TOTAL UNIT AMP	FUEL TYPE	AFUE	MANUFACTURER/ MODEL NO.
				INPUT HTG. CAP (BTU)	OUTPUT HTG. CAP (BTU)							
F-1	1100	GROUND FLOOR	9.5	56,000	52,000	1.0	1/2	120/10	15	NAT. GAS	92%	RHEEM-R421V0603AITM45

1. NEW UNIT SHALL BE DIRECT VENT - 92% GAS-FIRED FURNACE WITH APPROPRIATELY SIZED TYPE N' DX COOLING COIL.
2. PROVIDE PROGRAMMABLE HEATING/COOLING THERMOSTAT WITH AUTOMATIC CHANGEOVER.
3. UNITS SHALL BE ENERGY STAR RATED AND USE R410A OR EQUIVALENT REFRIGERANT.
4. UNIT SHALL HAVE 2-STAGE HEATING W/ HUMIDIFIER.
5. COORDINATE COIL SIZE WITH FURNACE FOR APPROPRIATE DISCHARGE PLENUM AND PROPER ACCESS TO COMPONENTS.

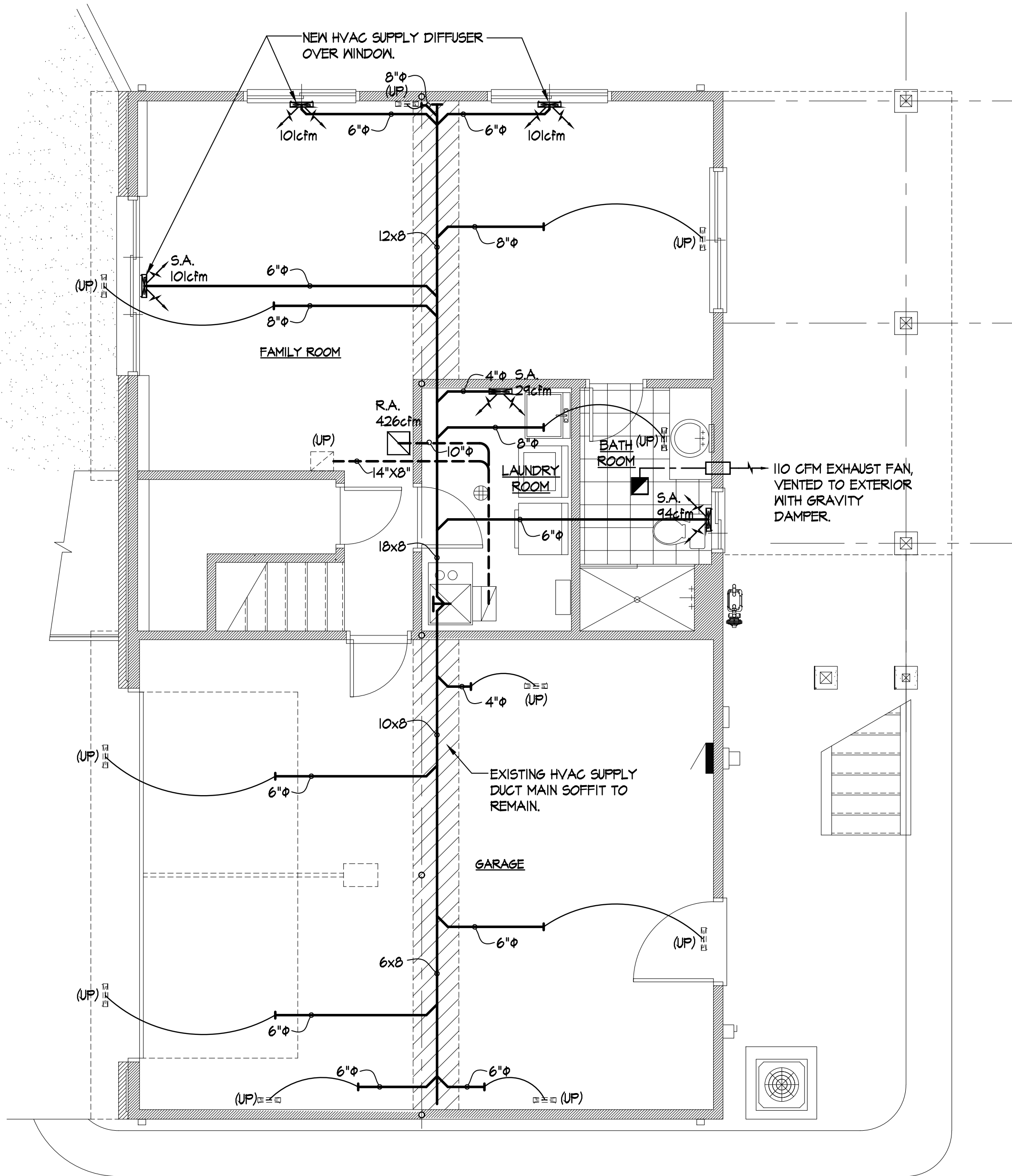
CONDENSING UNIT SCHEDULE

TAG NO.	SERVES	NOMINAL SIZE (TONS.)	REFRIG. TYPE	NOMINAL COOLING (BTU/H)	REFRIG. LINE SIZES (EACH CIRCUIT)		COMPRESSOR TYPE	MIN. COND. S.E.E.R.	ELECTRICAL DATA (VOLT/PH/MCA/MOP)	MCA	MANUFACTURER/ MODEL NO.
					LIQ. (IN.)	VAPOR (IN.)					
CU-1	F-1	3.0	R-410A	34,200	3/8	3/4	SCROLL	13.0	208/230-1-60	21	RHEEM-RA1BNZ36AJIN

- NOTES:
1. PROVIDE ALL APPROPRIATE AFFURTENANCES SUCH AS FILTER/DRYER, THERMAL EXPANSION VALVES, SITE GLASS, ETC FOR COMPLETE INSTALLATION.
2. PROVIDE 4" CONCRETE PAD UNDER EACH CONDENSING UNIT ON GRADE.
3. UNITS SHALL BE ENERGY STAR RATED AND USE R410A OR EQUIVALENT REFRIGERANT.



2 SECOND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



1 GROUND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



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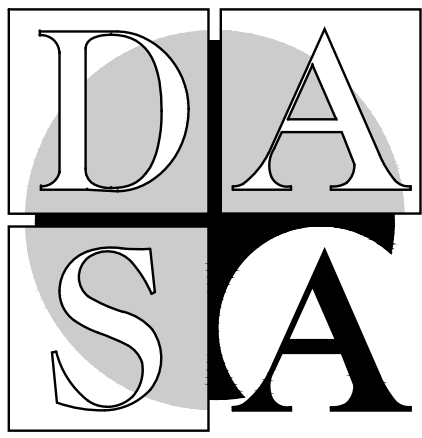
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GUDAUSKAS HOUSE FIRE REBUILD

14725 HOLLY COURT
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DRAWN BY: S. LEE	SHEET NO. M1
PROJECT NO: 24-141	
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PANEL SCHEDULE (REPLACE W/ NEW)										
CCT	LOAD TYPE	LOAD	AMPS	A ϕ	B ϕ	AMPS	LOAD	LOAD TYPE		CCT
1	RECREATION ROOM	1200	15	X		20	600	BATHROOM (GROUND FLOOR)		2
3	RECREATION ROOM	1200	15		X	15	1200	LIVING ROOM		4
5	DINING	1200	15	X		20	900	KITCHEN		6
7	UPPER FLOOR HALL BATH	600	20		X	15	1200	PRIMARY BEDROOM		8
9	BEDROOM 2	900	15	X		15	900	BEDROOM 3		10
11	STOVE MICROWAVE DEDICATED	1200	20		X	20	1200	DEDICATED - REFRIGERATOR		12
13	A/C CONDENSER	2184	30	X		20	1200	DEDICATED - DISH WASHER		14
15		2184			X	20	997	DEDICATED - FURNACE		16
17	DEDICATED - WASHER AND DRYER	1200	20	X		15	300	SMOKE DETECTOR		18
19	UTILITY	600	20			15	900	FRONT ENTRY/HALLWAY		20
21	GARAGE STORAGE ROOM	1200	20			20	600	ATTIC		22
23	OUTLETS & LIGHTS (EXTERIOR)	1200	20					SPARE		24
25	SPARE									26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
TOTAL		14,868					9,997	TOTAL		
A ϕ + B ϕ = 24.87 KW CONDUCTOR LOAD: 24.87 KW / 208 V = 68.74 AMPS LOCATION: GARAGE MOUNTING: SURFACE MTD MAIN C/B: 200A										
VOLTAGE - 120/208/1 Ø 3 WIRE FEEDER SIZE: 3/0 COPPER										

ELECTRICAL NOTES :

1. ALL OUTLETS INSTALLED AT 18" ABOVE FINISHED FLOOR (A.F.F.)
2. ALL WALL SWITCHES INSTALLED @ 48" A.F.F.
3. ALL CLOSET LIGHTS INSTALLED @ 1'-6 1/2" O.C. FROM FINISHED BACK WALL UNLESS ITS A WALK-IN CLOSET.
4. VERIFY INSTALLATION HEIGHTS SPECIFIED OF OUTLETS ABOVE COUNTERTOPS W/ CONTRACTOR.
5. VERIFY FINAL LOCATIONS OF DATA & CABLE OUTLETS WITH OWNER.
6. ALL BRANCH CIRCUITS SUPPLYING OUTLES OR DEVICES IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS REQUIRE AFCI PROTECTION.
7. ALL CONCRETE-ENCASED ELECTRODES SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM.
8. DIRECT-BURIED CABLE OR CONDUIT OR OTHER RACEWAYS SHALL BE INSTALLED TO MEET THE MINIMUM COVER REQUIREMENTS OF TABLE 300.5. LOCATION : GARAGE.
9. ALL LAMPS IN PERMANENTLY INSTALLED LIGHT FIXTURES SHALL BE HIGH EFFICIENCY LAMPS
10. PROVIDE IN USE WEATHERPROOF COVERS FOR EXTERIOR OUTLETS.

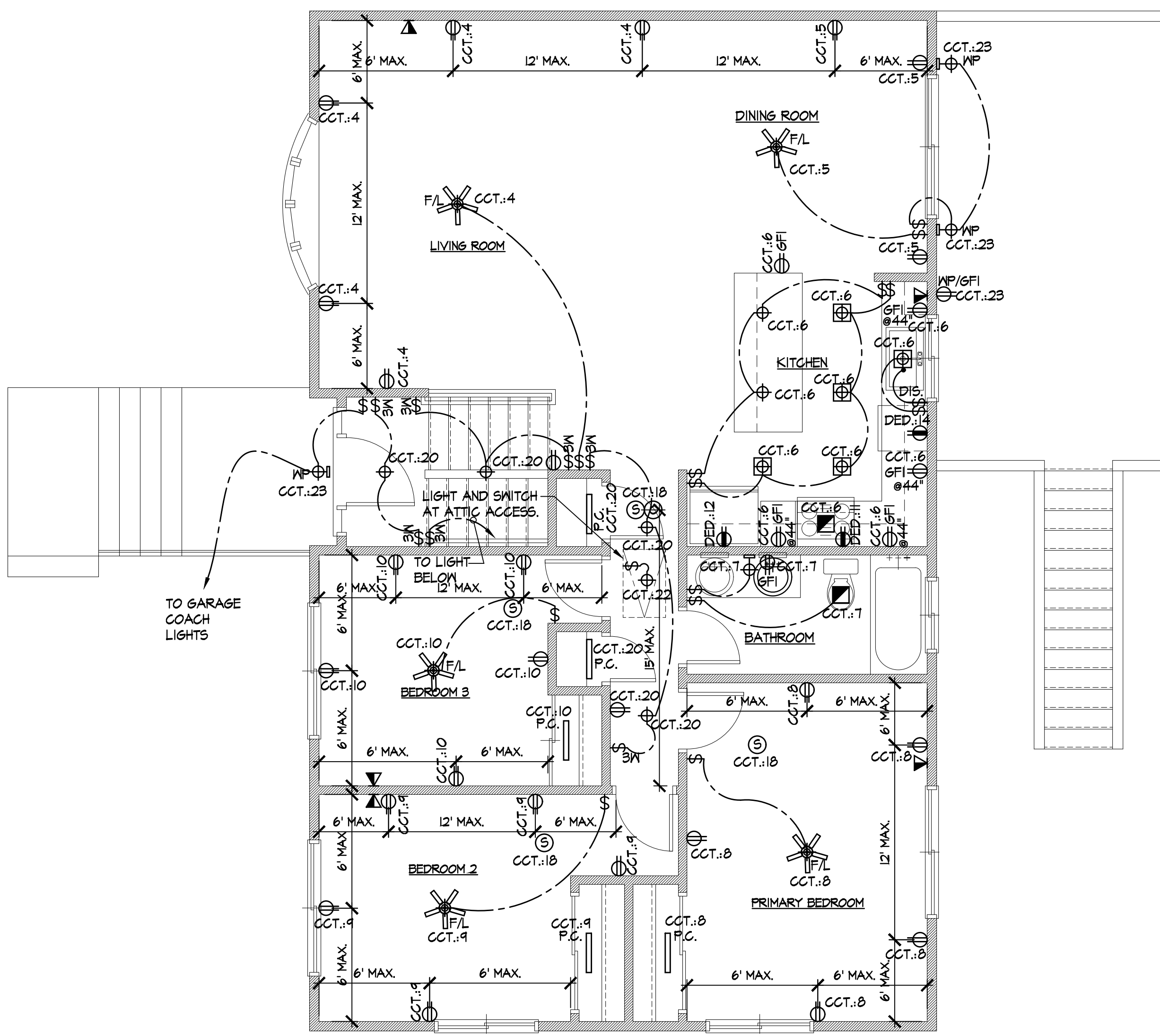
STATE OF ILLINOIS CARBON MONOXIDE ALARM REQUIREMENTS:
"EVERY DWELLING UNIT SHALL BE EQUIPPED WITH AT LEAST ONE APPROVED CARBON MONOXIDE ALARM IN AN OPERATING CONDITION WITHIN 15 FEET OF EVERY ROOM USED FOR SLEEPING PURPOSED."

NOTE:
A PERMANENT CERTIFICATE SHALL BE COMPLETED AND POSTED ON OR IN THE DISTRIBUTION PANEL PER R401.3. OF THE 2021 IECC LISTING THE INSULATION AND OTHER ENERGY CONSERVATION FEATURES INSTALLED.

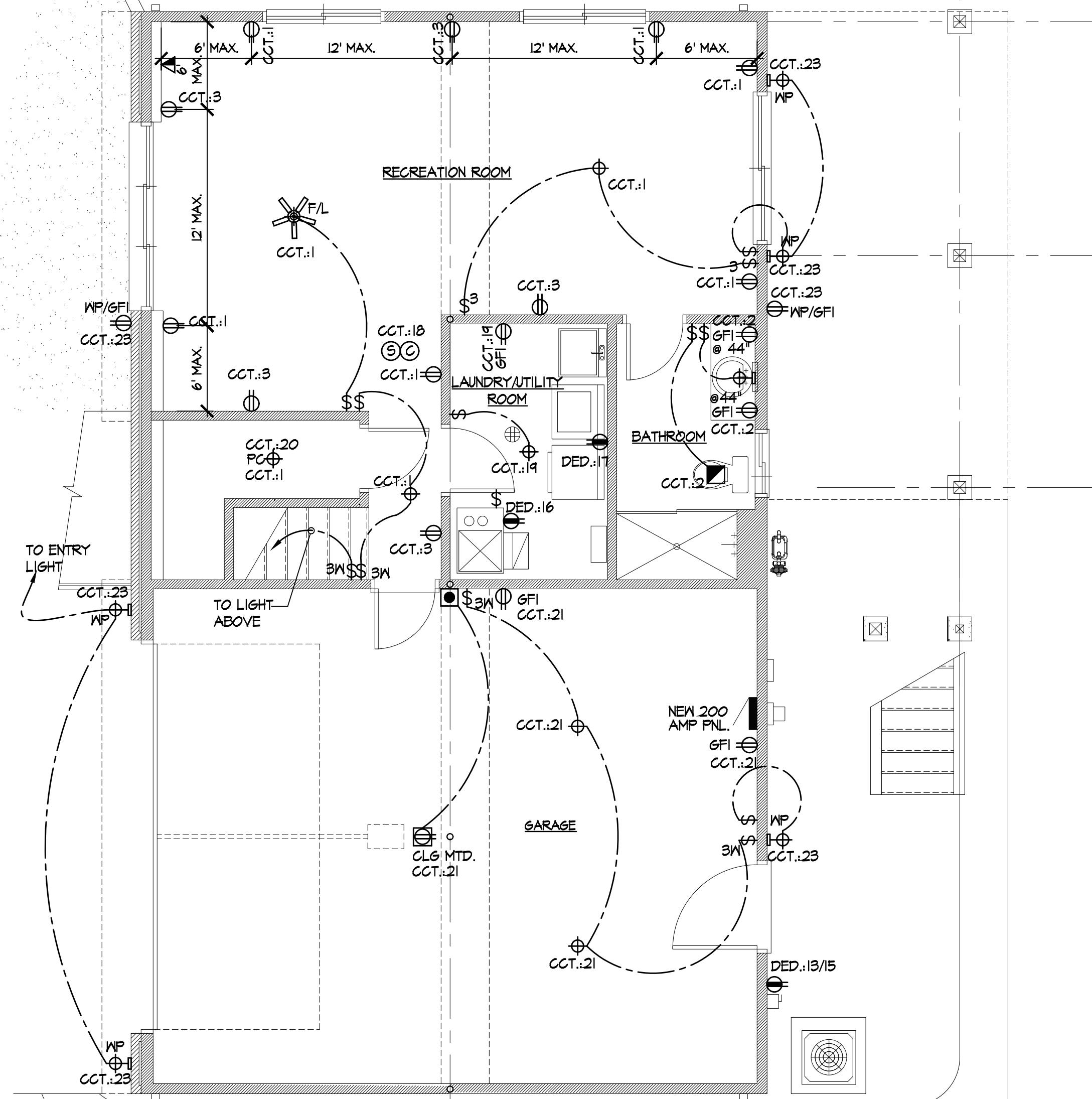
NOTE:
- PROVIDE AFCI PROTECTION FOR ALL OUTLETS.
- ALL RECEPTACLES INSTALLED ARE REQUIRED TO BE TAMPER RESISTANT.
- ALL RECEPTACLES INSTALLED IN THE GARAGE ARE REQUIRED TO BE GFCI PROTECTED.

NOTE:
A G.F.I. RECEPTACLE OUTLET SHALL BE PROVIDED WITHIN 3 FEET OF EACH LAVATORY BASIN IN THE BATHROOM.

NOTE:
SMOKE ALARM POWER SOURCE SHALL NOT BE CONNECTED TO A DEDICATED CIRCUIT PER 602.8 OF THE PALATINE CODE OF ORDINANCES.



2 SECOND FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



1 GROUND FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



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