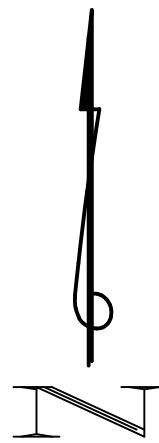
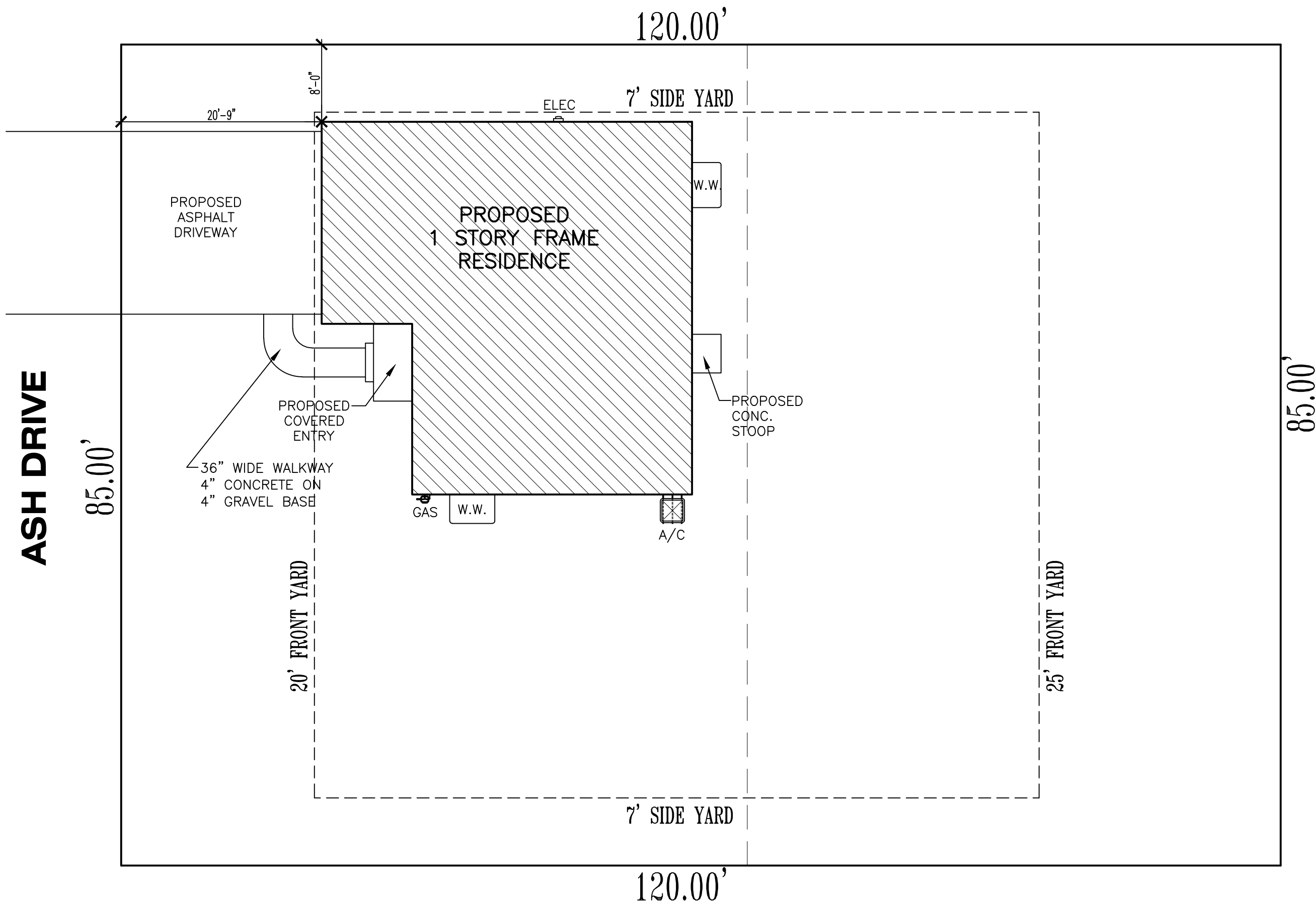


HABITAT FOR HUMANITY

7 ASH DRIVE OAKWOOD HILLS, IL



- NOTES:
- VERIFY UTILITY LOCATIONS.
 - VERIFY TREES TO BE REMOVED WITH OWNER.
 - VERIFY STRUCTURE LOCATION WITH OTHERS.

SITE PLAN DEPICTED REPRESENTS A REFERENCE LOCATION ONLY, NOT TO BE USED FOR STAKING, EXCAVATION, FOUNDATION LOCATION OR BUILDING OF ANY KIND. REFERENCE CIVIL ENGINEERING FOR ACTUAL HOUSE LOCATION AND VERIFY IN FIELD NO PORTION OF THE STRUCTURE EXTENDS OVER SETBACKS, BUILDING LINES OR EASEMENTS.

- REFER TO CIVIL ENGINEERING PLANS FOR UTILITY INFORMATION.
- BOUNDARY BASED UPON PLAT OF SURVEY FURNISHED TO ARCHITECT BY OWNER. VERIFY LOT DIMENSIONS IN FIELD.

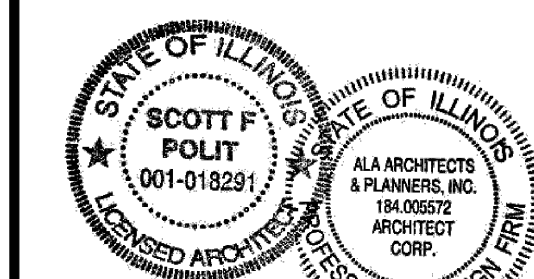
NOTE:
MAINTAIN EXISTING GRADES & DRAINAGE PATTERN. ANY DRAINAGE ISSUES THAT MAY ARISE FROM THE CONSTRUCTION ASSOCIATED WITH THIS PERMIT WILL BE ADDRESSED BY THE PERMITEE

2E
A000 SITE PLAN

1"=10'-0"

ARCHITECT'S CERTIFICATION

"I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with all applicable codes."



Scott Politi
001-018291 11/30/24 5/13/2025
Cert. No. Exp. Date

DRAWING INDEX

A000	SITE PLAN, DRAWING INDEX, GENERAL NOTES
A100	FOUNDATION PLAN
A101	FIRST FLOOR PLAN
A200	BASEMENT FLOOR PLAN
A200	FRONT ELEVATION, REAR ELEVATION, LEFT SIDE ELEVATION, RIGHT SIDE ELEVATION
A300	ROOF PLAN & STRUCTURAL NOTES, WALL SECTIONS, CONSTRUCTION SPECIFICATIONS, ATTIC VENT SCHEDULE
A301	LIGHT & VENT SCHEDULE, WASTE & SUPPLY DIAGRAM, PLUMBING FIXTURE COUNT, TYPICAL DETAILS
E101	FIRST FLOOR ELECTRICAL PLAN SECOND FLOOR ELECTRICAL PLAN

IECC - INTERNATIONAL ENERGY CONSERVATION CODE

NOTE TO PLAN REVIEWERS, OFFICIALS & CONTRACTORS--

* THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE TO THE CURRENT EDITION OF INTERNATIONAL ENERGY CONSERVATION CODE AS AMENDED BY THE STATE OF ILLINOIS AND MEET OR EXCEED ALL APPLICABLE REQUIREMENTS OF SAID CODE.

* THE ARCHITECT HAS CHOSEN TO DEMONSTRATE COMPLIANCE OF MEETING THE PROVISIONS OF THE ILLINOIS ENERGY CONSERVATION CODE COVERED BY 71 ILCS. CODE 600 SUBPART D BY SUBMITTING, AS REQUIRED BY SECTION 101.5 OPTION 3, THE SEAL OF THE ARCHITECT/ENGINEER AS REQUIRED BY SECTION 14 OF THE ILLINOIS ARCHITECTURAL PRACTICE [225 ILCS 305].

* PRESCRIPTIVE METHOD FOR COMPLIANCE, AS SPECIFIED BY THE CODE, 401.2.1 & 401.2.6, COMPLIANCE IS DEMONSTRATED BY MEETING THE REQUIREMENTS OF SECTIONS 402 TO 404 & 408.2.2

* THESE PLANS STATE CERTAIN APPLICABLE ASPECTS OF THE ENERGY CODE AND ARE NOT INTENDED TO RESTATE THE ENTIRE CODE OR ACT AS A REPLACEMENT TO THE CODE. ALL CONTRACTORS ARE TO FAMILIARIZE THEMSELVES WITH THE CODE AND FOLLOW THOSE REQUIREMENTS THAT RELATE TO THEIR PARTICULAR TRADE AND ARE RESPONSIBLE FOR SAME. CONTRACTORS SHOULD ALSO VERIFY WHICH EDITION/NEAR ENERGY CODE SHALL BE FOLLOWED BASED ON THE MUNICIPALITY IN WHICH THE PROJECT IS LOCATED IN.

NOTE TO BIDDERS & CONTRACTORS

{ IF YOU DON'T READ ANY OTHER NOTES - READ THIS ONE }

THESE PLANS HAVE BEEN PREPARED BASED ON THE DOCUMENTATION OF AVAILABLE CODES AND ORDINANCES WHICH ARE OPEN TO APPROVAL AND INTERPRETATION BY THE GOVERNING BODY AUTHORIZED TO ISSUE A BUILDING PERMIT. THE REQUIREMENTS AND BUILDING SPECIFICATIONS ARE SUBJECT TO CHANGE BASED ON THIS APPROVAL AND MAY AFFECT THE COST OF THE PROJECT OR SUCCESSFUL COMPLETION. BIDDERS ARE RESPONSIBLE FOR NOTIFYING THE OWNER(S) OR FINANCIAL INSTITUTION RESPONSIBLE FOR FUNDING THE PROJECT FOR APPROVAL PRIOR TO BEGINNING WORK.

THIS ARCHITECTURAL DOCUMENTATION IS INTENDED TO GIVE AN OVERALL SCOPE AND DESCRIPTION OF WORK, ALONG WITH GENERAL SPECIFICATIONS FOR CONSTRUCTION. NOT ALL INFORMATION REQUIRED OR PERTINENT TO THE PROJECT REQUIRED FOR SUCCESSFUL PRICING OR COMPLETION IS INCLUDED. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO FAMILIARIZE THEMSELVES WITH ALL CODES PERTAINING TO THEIR DISCIPLINES AND BE RESPONSIBLE FOR THE SUCCESSFUL COMPLETION OF THE PROJECT.

PLAN & ELEVATION SYMBOLS

55 5 SHELVES	15R 1 SHELF & 1 ROD	77% SPRINKLER HEAD
64% GAS HOOKUP	WATER HOOKUP	FLOOR DRAIN
SHOWER HEAD FAUCET	SHOWER RAIN HEAD	REBAR
PRE-FAB PREPLACE FLUE	MASONRY FIREPLACE FLUE	ROOF PITCH
CEILING DETAIL DIAGRAM	WORK POINT	REVISION MARKER
SECTION / NEW MARKER	ELEVATION MARKER	
V.I.F. VERIFY IN FIELD		
V.I.O. VERIFY WITH OWNER		
FACE BRICK	HORIZONTAL Siding	BOARD & BATT Siding
STONE	SHAKE Siding	CEDAR SHAKE Siding
FIELD STONE	STUCCO EIFS	METAL ROOFING

ELECTRICAL SYMBOLS:

1 SINGLE OUTLET (1)	1 SWITCH	1 TELEPHONE JACK
2 DUPLEX OUTLET (2)	1 DOOR ACTIVATED SWITCH	1 TELEPHONE JACK
3 QUAD OUTLET (4)	1 MOTION ACTIVATED SWITCH	1 FAN JACK
4 SWITCHED DUPLEX OUTLET (2)	1 THERMOSTAT CONTROLS	
5 CEILING MOUNTED LIGHT FIXTURE	1 EXHAUST FAN	1 110V SMOKE DETECTOR
6 RECESSED CAN LIGHT	1 EXHAUST FAN/LIGHT VENTED TO EXTERIOR	1 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO
7 DIRECTIONAL RECESSED CAN LT.	1 FLOOD LIGHT W/ MOTION DETECTOR	1 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO
8 WALL MOUNTED LIGHT FIXTURE	1 CEILING MOUNTED FAN/LIGHT	1 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO
9 RECESSED WATER PROOF LED CAN LIGHT (EXTERIOR)	1 LED LIGHT STRIP	1 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO
10 EXTERIOR LAMP W/ POST	1 P.C. = PULL CHAIN LIGHT	1 GFI = GROUND FAULT CIRCUIT INTERRUPTER
11 FLUORESCENT LIGHT FIXTURE	1 W.P. = WATER PROOF	

WALL TYPES

1 NEW FRAME WALL & FOOTING	2 NEW FOUNDATION WALL & FOOTING
2 DRYWALL, ARCHED OR CASSED OPENING	3 DEPRESSED FOUNDATION WALL
3 BEARING WALL ABOVE	4 TR. SILL PLATE @ TDIN. WALL

NOTE TO CONTRACTORS

* ALL CONTRACTORS PRIOR TO CONSTRUCTION ARE TO FAMILIARIZE THEMSELVES WITH THE PLANS AND EXISTING CONDITIONS OF THE PROJECT. ALL CONTRACTORS ARE RESPONSIBLE FOR PERFORMING WITHIN INDUSTRY STANDARDS AND TO COMPLY WITH ALL APPLICABLE CODES. NOTIFY ARCHITECT OF ANY CONDITIONS OR DISCREPANCIES ON PLANS WHICH MAY INTERFERE WITH SUCCESSFUL COMPLETION OF THE PROJECT, PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION.

* ALL NOTES SHOWN ARE TYPICAL, AND SOME MAY NOT APPLY TO THE SCOPE OF WORK.

PLUMBING NOTES:

* PROVIDE GAS SHUTOFF VALVES TO ALL GAS APPLIANCES AND FIREPLACES.

* ALL FRAMING DRILLED FOR PLUMBING VENTS OR SIMILAR HOLES TO BE IN A 2 X 6 MIN. STUD WALL.

* ALL WATER LINES TO A SECOND FLOOR TO HAVE 1/2" AIR CHAMBERS.

* ABOVE GROUND WASTE - SCHEDULE 40 P.V.C. 1120 SERIES

* BELOW GROUND WASTE - SCH. 40 P.V.C. OR CAST IRON

* ABOVE GROUND WATER - TYPE L COPPER, NO LEAD SOLDER

* BELOW GROUND WATER - TYPE K COPPER

* COLORED PRIMER AND STACK TEST REQUIRED ON ALL P.V.C. PIPING

* 75LB. AIR OR WATER PRESSURE TEST REQUIRED ON WATER PIPING

* UNDERGROUND SANITARY SHALL BE 4" MIN.

HVAC NOTES:

* HVAC CONTRACTOR TO VERIFY NEW & EXISTING HVAC SYSTEMS IN FIELD

* HVAC CONTRACTOR TO VERIFY HVAC SYSTEMS ARE CAPABLE OF PROVIDING ADEQUATE AIR FLOW TO NEW ADDITION, UPDATE, REPLACE, ADD TO OR MOVE AS REQ'D.

* FOR ANY PROPOSED ATTIC FURNACES, PROVIDE A SMOKE/CO DETECTOR, PROVIDE FLOOR DRAIN WITH PAN & AUTO SHUT OFF VALVE (FOR DRAIN BACK UP) ALONG WITH ANY OTHER REQUIREMENTS WHICH MAY BE NEEDED TO SATISFY LOCAL & NATIONAL BUILDING CODES.

* DUCT JOINTS AND SEAMS SHALL BE MADE SUBSTANTIALLY AIR TIGHT.

* DUCTS SHALL BE SUPPORTED AT 10'-0" INTERVALS MIN.

* PROVIDE MIN. 36" DEEP X 30" WIDE X 78" HIGH CLEAR WORK AREA IN FRONT OF FURNACE SERVICE PANEL.

FINISHES:

* ALL INTERIOR AND EXTERIOR FINISHES INCLUDING BUT NOT LIMITED TO MOLDINGS, DOORS, WINDOWS, SIDING, ROOFING, ETC. ARE TO MATCH EXISTING UNLESS OTHERWISE NOTED.

DESIGN LOADING VALUES:

ROOF	30 PSF LIVE LOAD (SNOW)	WALLS	20 PSF WIND FOR 0-20 FT. HEIGHT
CEILING	20 PSF LIVE LOAD		25 PSF WIND FOR 21-29 FT. HEIGHT
FLOOR	60 PSF LIVE FOR EXTERIOR BALCONY		30 PSF WIND FOR 30 FT. AND ABOVE
	40 PSF LIVE FOR FLOORS, DECKS, STAIRS	SOL	3000 PSF ASSUMED MINIMUM
			OWNER/CONTRACTOR RESPONSIBLE TO VERIFY

CONCRETE/MASONRY NOTES:

* SEE FOUNDATION PLAN AND SECTIONS FOR HEIGHT OF FOUNDATION WALLS

* FOUNDATION REINFORCING TO BE GRADE 60, LAP CONTINUOUS BARS 36" DIAMETERS

* ALL FOUNDATION WALLS WITH FULLS MASONRY VENEER ABOVE TO BE A MINIMUM OF 10" THICK

* ALL EXTERIOR WALKOUT OR FINISH BASEMENT FRAME WALLS 8" (20W 1/2" SHEATHING)

* STRENGTH OF CONCRETE AFTER 28 DAYS TO BE 3000 PSI FOR CONCRETE WALLS AND 3500 PSI FOR CONCRETE FLAT WORK AND EXTREME CONDITIONS

* ALL PORCHES, STEPS AND GARAGE FLOOR SLABS SHALL BE A MIN. OF 3500 PSI AND BETWEEN 50 & 78" OR EXTRACTED

* FOUNDATION HEIGHT TO BE AT SUCH A LEVEL SO NEW TOP OF FINISHED FLOOR MATCHES EXISTING TOP OF FINISHED FLOOR, UNLESS OTHERWISE NOTED

* PROVIDE SAW CUTS IN EXISTING FOUNDATION TO PROVIDE FOR ADEQUATE ACCESS EITHER TO NEW FOUNDATION SPACE OR EXISTING PER PLANS AND LOCAL CODES

* PROVIDE SAW CUTS IN EXISTING FOUNDATION FOR HVAC ACCESS TO NEW ADDITION AS REQ'D

* CONTRACTOR IS RESPONSIBLE TO PROVIDE VERIFICATION OF EXISTING STRENGTH AND DEPTH OF EXISTING FOUNDATION AND FOOTING

* MASONRY MORTAR TO BE TYPE N

WINDOW NOTES:

* VERIFY ALL NEW WINDOW SIZES IN FIELD PRIOR TO PURCHASE

* NEW WINDOWS TO MATCH EXISTING WINDOW TYPE & STYLE, UNLESS OTHERWISE NOTED

* TOP OF WINDOWS IN REMODELED AREAS OF ADDITIONS TO MATCH EXISTING

* FOR BASEMENTS, TOP OF WINDOWS 8'-0" (80") ABOVE FLOOR SLAB, UNLESS OTHERWISE NOTED

* FOR 10'-0" PLATES, TOP OF WINDOWS 8'-0" (80") ABOVE SUB-FLOOR, UNLESS OTHERWISE NOTED

* FOR 8'-0" PLATES, TOP OF WINDOWS 8'-0" (80") ABOVE SUB-FLOOR, UNLESS OTHERWISE NOTED

* ALL WINDOWS ARE DESIGNATED IN ROUGH OPENING, SHOWN IN FEET AND INCHES

* EXAMPLES: 2'-0" X 4'-0" OR 2'-0" X 4'-0" TO BE MET WITH 2" OR EXCEEDED

* PROVIDE (2) 2 X 12 HEADERS ABOVE ALL NEW WINDOWS AND OPENINGS UNLESS OTHERWISE NOTED

* VERIFY ALL EXISTING HEADERS WHICH BEARING WILL BE INCREASED AS A RESULT OF THE REMODELING TO BE MIN. (2) 2 X 12 UNLESS OTHERWISE NOTED

* MASONRY UNBUILT SAFETY GLAZING IN ALL NEW WINDOWS WITHIN 24" OF ANY DOOR, WITHIN 18" OF FLOOR, IN TUB & SHOWER ENCLOSURES, & IN STAIR WELLS

* PROVIDE WINDOW GUARDS THAT COMPLY WITH ASTM F2006 OR F2009 WHEN NEW WINDOW SILLS ARE LESS THAN 24" ABOVE FINISHED FLOOR

* ALL NEW PENETRATIONS SHALL HAVE A MAXIMUM U-VALUE AS FOLLOWS:
WINDOWS & DOORS = (0.30), SKYLIGHTS = (0.55)

* WINDOW & DOOR TAGS: FIXED WINDOW = (F), GLASS WINDOW = (G), TEMPERED GLASS = (T)

STRUCTURAL NOTES:

* PROVIDE DOUBLE JOISTS UNDER ALL BEARING PARALLEL PARTITIONS, KITCHEN ISLANDS & POINT LOADS

* ALL INTERIOR PARTITIONS 3/4" (2 X 4 STUD) UNLESS OTHERWISE NOTED

* ALL EXTERIOR WALLS 4/4" (2 X 4 STUD W/ 1" SHEATHING)

* ALL EXTERIOR FRAME WALLS W/ MASONRY VENEER = 8/4" (2 X 4 STUDS W/ 1" SHEATHING + 1" AIR SPACE + 4" MASONRY VENEER)

* ALL EXTERIOR WALLS 6" (2 X 6 STUDS W/ 1/2" SHEATHING)

* ALL EXTERIOR FRAME WALLS W/ MASONRY VENEER = 11" (2 X 6 STUDS W/ 1/2" SHEATHING + 1" AIR SPACE + 4" MASONRY VENEER)

* ALL EXTERIOR DIMENSIONS ARE SHAPED TO EXTERIOR OF WALL SHEATHING OR FULL MASONRY VENEER & ALSO CONCLUDES WITH EXTERIOR OF FOUNDATION EDGE (DIMENSIONS ARE NEVER SHAPED TO TRIM-OUT MASONRY VENEERS, THEY ARE DEPICTED AS A TYPE OF EXTERIOR SODS/GLAZING) ALL STEEL TO BE A-36 & STRUCTURAL STEEL BOLTS TO BE A-325

* PROVIDE (5" X 3/4" X 3/4") ST. ANGLE L.L.V. ABOVE OPENINGS UP TO 9'-0" WIDE W/ MASONRY VENEER ABOVE

* PROVIDE (6" X 4" X 1/2") ST. ANGLE L.L.V. ABOVE OPENINGS FROM 9'-0" TO 16'-0" WIDE W/ MASONRY VENEER ABOVE

* PROVIDE (7" X 4" X 3/4") ST. ANGLE L.L.V. ABOVE 16'-0" & 18'-0" WIDE OVERHEAD DOORS W/ UP TO 2' OF MASONRY VENEER ABOVE

* PROVIDE (5" X 4" X 3/4") ST. ANGLE L.L.V. ABOVE 16'-0" & 18'-0" WIDE OVERHEAD DOORS W/ MORE THAN 2' OF MASONRY VENEER ABOVE

* STEEL FABRICATOR SHALL PROVIDE ALL MISCELLANEOUS CONNECTORS AND SHIMS FOR A COMPLETE INSTALLATION

* STEEL FLUTCH PLATE BEAMS TO BE CONNECTED WITH 3/4" BOLTS @ 20" O.C. AND (2) @ EACH END

* WALLS SHALL BE BRACED AT EACH END AND 25' O.C. MAX

* ALL JOISTS, STUDS & RAFTERS TO BE SPF #1/2 (CANADIAN) UNLESS OTHERWISE NOTED

* ALL HEADERS TO BE (2) 2 X 12 SPF #1/2 (CANADIAN) UNLESS OTHERWISE NOTED

* THE DIAMETER OF HOLES BORED INTO SOLID SAWN MEMBERS SHALL NOT EXCEED 1/2 THE DEPTH OF THE MEMBER AND SHALL NOT BE CLOSER THAN 2" FROM THE TOP OR BOTTOM OF THE MEMBER OR TO ANY OTHER HOLE

* THE DIAMETER OF HOLES BORED INTO PRE-ENGINEERED FRAMING MEMBERS SHALL FOLLOW MFG. APPROVED SPECIFICATIONS

* PROVIDE PRE-ENGINEERED FLOOR JOIST MANUFACTURER'S INSTALLATION INSTRUCTIONS ON THE JOIST AT THE TIME OF INSPECTIONS

* PRE-ENGINEERED FLOOR JOIST TO BE BY TRUSJOIST MANUFACTURER OR EQUIVALENT PER MANUFACTURER'S RECOMMENDATIONS

* PRE-ENGINEERED FLOOR JOIST SUPPLIER SHALL PROVIDE JOIST LAYOUT FROM MANUFACTURER PRIOR TO FRAMING

* (2) 2X STUDS IN INTERIOR PARTITIONS W/ DBL. JST. BELOW UNLESS OTHERWISE NOTED

* (2) 2X STUDS IN EXTERIOR WALLS, UNLESS OTHERWISE NOTED

* 2" POINT LOAD FROM ABOVE WITH DOUBLE JOIST BELOW, UNLESS OTHERWISE NOTED

* ALL EXTERIOR WALLS OVER 10'-0" TALL TO BE 2X6 @ 16" O.C. STUD WALLS

* ADD 2" X HORIZONTAL BLOCKING, SAME WIDTH AS STUDS, BETWEEN STUDS IN EXTERIOR WALLS OVER 8'-0" IN HEIGHT. FASTEN EXTERIOR SHEATHING TO BLOCKING AND TO STUDS

* HALF WALLS TO BE MIN. 36" TALL, UNLESS OTHERWISE NOTED

* FIREPROOFING SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:
- CONCEALED SPACES: STUD WALLS AND PARTITIONS, INCLUDING STAGGERED OR PARALLEL ROWS OF STUDS, VERT. AT CEILING AND FLOOR LEVELS AND HORIZ. AT 10'-0" INTERVALS
- ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS CORNERS AT SOFFITS, DROP CEILING AND GIVE CEILING
- CONCEALED SPACES BETWEEN STAIR STRINGERS AT TOP AND BOTTOM OF THE RUN
- CONCEALED SPACES AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVEL, WITH NONCOMBUSTIBLE MATERIALS

ELECTRICAL NOTES:

* WHEN REMODELING OR ADDING A KITCHEN, LAUNDRY ROOM OR GARAGE, THE FOLLOWING NOTES APPLY:

** ALL OUTLETS ABOVE KITCHEN COUNTERTOP TO BE GFI & MAXIMUM 48" O.C.

** ALL OUTLETS WITHIN 72" OF ANY SINK OR WATER FEATURE TO BE GFI

** ALL OUTLETS IN GARAGE TO BE GFI

** ALL EXISTING ELECTRICAL COMPONENTS WHICH ARE EFFECTED BY THE REMODELING OR ADDITION ARE TO BE ADJUSTED, UPDATED, MOVED OR MODIFIED AS REQ'D TO CONFORM TO CURRENT LOCAL AND NATIONAL ELECTRICAL CODES

** WHEN MODIFYING AN EXISTING RESIDENCE (ALTERATIONS, REPAIRS OR MODIFICATIONS) THE ENTIRE BUILDING SHALL BE PROVIDED WITH SMOKE & CARBON MONOXIDE DETECTORS PER LOCAL CODE & LOCATED AS REQUIRED FOR A NEW DWELLING

** (1) COMBO. SMOKE/CARBON MONOXIDE DETECTOR @ EACH FLOOR LEVEL

** (1) SMOKE DETECTOR IN EACH BEDROOM

** (1) COMBO. SMOKE/CARBON MONOXIDE DETECTOR WITHIN 15'-0" OF EACH BEDROOM DOOR/ENTRANCE

** ALL TYPICAL ROOM OUTLETS TO BE SPACED MAX. 12'-0" APART, UNLESS OTHERWISE NOTED

** VERIFY THAT NO POINT ALONG ANY WALL 2'-0" LONG OR LONGER IN ANY HABITABLE ROOM TO BE MORE THAN 6'-0" FROM AN OUTLET

** ALL ELECTRICAL CONDUCTORS ARE TO BE SOLID COPPER IN ELECTRICAL METALLIC TUBING

** ALL OUTLETS SHALL BE W/ GFI PROTECTED

** ALL 15 & 20 AMP OUTLETS SHALL BE TAMPER RESISTANT

** ALL CEILING OUTLET ELECTRICAL BOXES SHALL BE CAPABLE OF SUPPORTING A CEILING FAN

** RECESSED INCANDESCENT OR SURFACE MOUNTED FLUORESCENT LIGHT FIXTURES IN CLOSETS SHALL BE LOCATED A MIN. OF 6" IN FRONT OF THE TOP SHED AND SURFACE MOUNTED INCANDESCENT LIGHT FIXTURES IN WALK-IN CLOSETS SHALL BE AT LEAST 12" IN FRONT OF TOP SHELF AND SHALL BE FULLY ENCLOSED WITH A GLOBE. SURFACE MOUNTED INCANDESCENT LIGHT FIXTURES ARE NOT PERMITTED IN CLOSETS OTHER THAN WALK-IN

** PROVIDE SEPARATE 20 AMP CIRCUITS FOR KITCHEN REFRIGERATORS, MICROWAVES, GARAGE DISPOSALS & DISHWASHERS

** PROVIDE SEPARATE LOCAL DISCONNECTS FOR KITCHEN GARAGE DISPOSALS & DISHWASHER

** PROVIDE MIN. 36" DEEP X 30" WIDE X 78" HIGH CLEAR WORK AREA IN FRONT OF ELECTRICAL PANEL

** PROVIDE 200 AMP ELECTRICAL SERVICE FOR BUILDINGS UP TO 6,000 SF

** PROVIDE 400 AMP ELECTRICAL SERVICE FOR BUILDINGS OVER 6,000 SF

CODE CONFORMANCE

THE DRAWINGS AND RELATED CONSTRUCTION TO CONFORM WITH THE FOLLOWING:

- 2021 INTERNATIONAL RESIDENTIAL CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 INTERNATIONAL FUEL GAS CODE
- 2021 INTERNATIONAL FIRE CODE
- 2020 NATIONAL ELECTRICAL CODE
- CURRENT STATE OF ILLINOIS PLUMBING CODE
- 2021 ILLINOIS ENERGY CONSERVATION CODE
- MILLAGE OF OAKWOOD HILLS CODE OF ORDINANCES

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
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86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

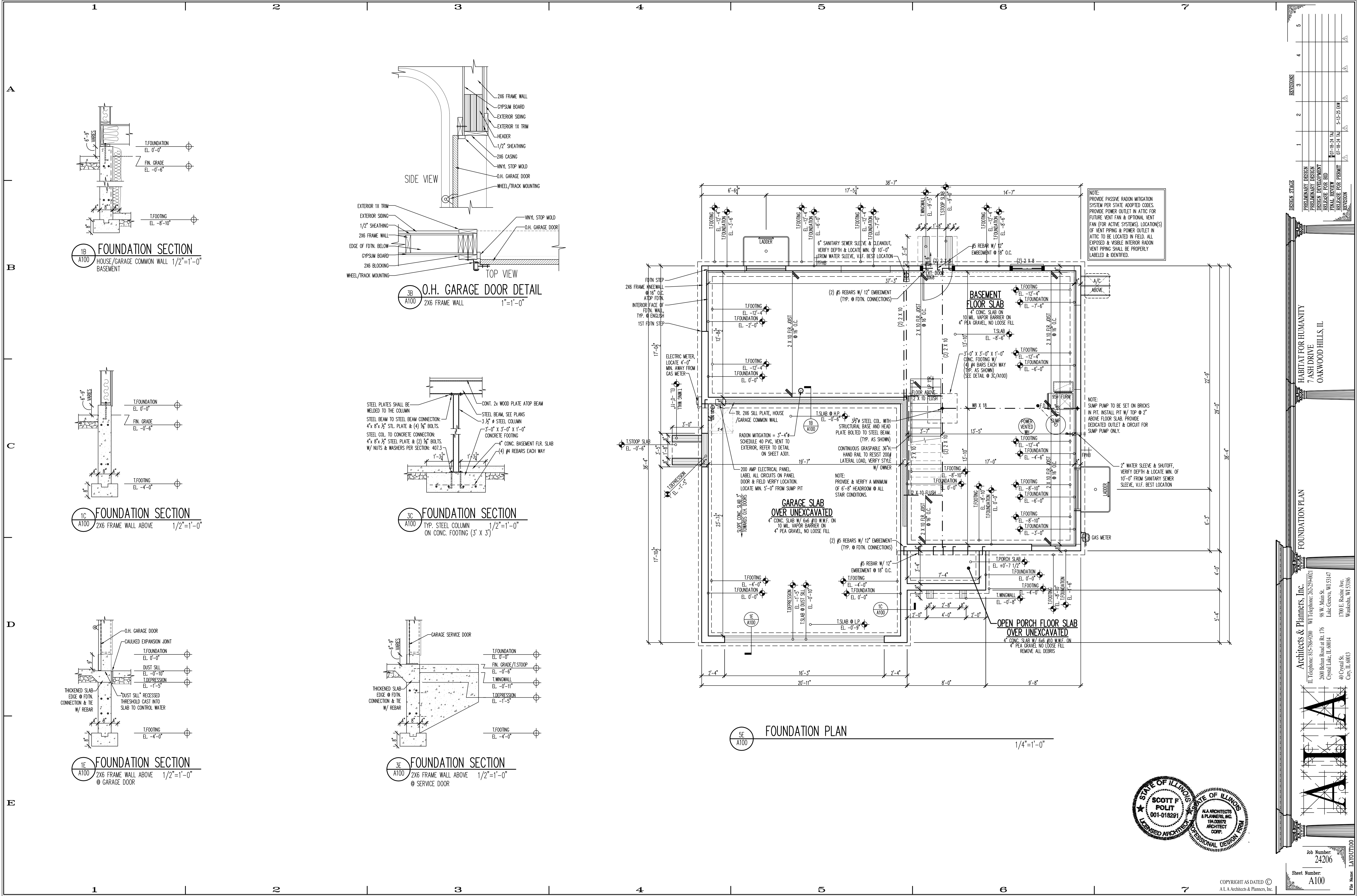
DESIGN STAGE
PRELIMINARY DESIGN
DESIGN DEVELOPMENT
RELEASE FOR BID
FINAL REVIEW
RELEASE FOR PERMIT
5-13-25 DM
07-16-24 TM
07-16-24 TM

SITE PLAN
DRAWING INDEX
GENERAL NOTES

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40 Crystal St.
Cory, IL 60013

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Cory, IL 60013

Job Number: 24206
Sheet Number: A000



REVISIONS	1	2	3	4	5
DESIGN STAGE	PRELIMINARY DESIGN	DESIGN DEVELOPMENT	RELEASE FOR BID	FINAL REVIEW	RELEASE FOR PERMIT
DATE	07-10-24	07-10-24	07-10-24	07-10-24	07-10-24
BY	ALA	ALA	ALA	ALA	ALA

FOUNDATION PLAN

Architects & Planners, Inc.
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2600 Behm Road at Rt. 176
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Waukegan, WI 53196

STATE OF ILLINOIS
SCOTT F. POLIT
001-018291
REGISTERED ARCHITECT

STATE OF ILLINOIS
ALA ARCHITECTS & PLANNERS, INC.
19400572
ARCHITECT CORP.
PROFESSIONAL DESIGN FIRM

Job Number: 24206
Sheet Number: A100
File Name: LAYOUT100

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ENTIRE ROOF TO BE CONTINUOUSLY SHEATHED WITH $\frac{1}{2}$ " PLYWOOD SHEATHING OR OSB (REFER TO CONSTRUCTION SPECIFICATIONS) OR SHEET A300 (BRACING METHOD: "CS-WSP")

* "CS-WSP" = CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL BRACING

* REQUIRED FASTENERS FOR "CS-WSP" = 60 COMMON NAILS SPACED 6" O.C. @ EDGE & 12" O.C. FIELD

* MINIMUM PANEL WIDTH FOR "CS-WSP" PER ADJACENT OPENING HEIGHT LISTED IN INC. TABLE

* "CS-G" = CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL ADJACENT TO GARAGE DOOR OPENINGS

* "CS-PF" = CONTINUOUS SHEATHED PORTAL FRAME PANEL

* "GB" = GYPSUM BOARD BRACING

* REQUIRED FASTENERS FOR "GB" ($\frac{5}{8}$ ") = 1- $\frac{1}{2}$ " NAILS OR SCREWS @ 7" O.C. @ ALL PANEL EDGES & FIELD

* REQUIRED FASTENERS FOR "GB" ($\frac{1}{2}$ ") = 1- $\frac{1}{2}$ " NAILS OR 1- $\frac{1}{8}$ " SCREWS @ 7" O.C. @ ALL PANEL EDGES & FIELD

* "ABW" = ALTERNATE BRACED WALL PANEL

* "PGF" = PORTAL FRAME & GARAGE DOOR

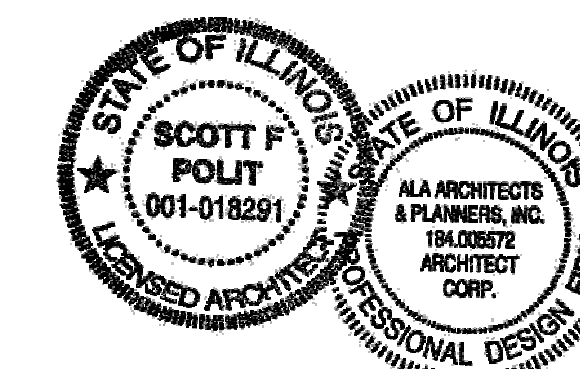
* "PFH" = PORTAL FRAME WITH HOLD DOWNS

* "SSW" = SIMPSON STEEL STRONG WALL

* "WSW" = SIMPSON WOOD SHEAR WALL

* SIMPSON BRACING PANEL FASTENERS & HOLD DOWN PER MANUFACTURERS SPECIFICATIONS

ALA SQUARE FOOTAGE	
FIRST FLOOR	812
FINISHED BASEMENT	812
RESIDENCE TOTAL	1624
GARAGE	518



HABITAT FOR HUMANITY
7 ASH DRIVE
OAKWOOD HILLS, IL

FIRST FLOOR PLAN
BASEMENT FLOOR PLAN

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Job Number:
24206

Sheet Number:
A101

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DESIGN STAGE		1	2	3	4	5
PRELIMINARY DESIGN	DESIGN DEVELOPMENT					
DESIGN DEVELOPMENT	RELEASE FOR BID					
FINAL REVIEW	RELEASE FOR PERMIT					
REVISION						

HABITAT FOR HUMANITY
7 ASH DRIVE
OAKWOOD HILLS, IL

FRONT ELEVATION
REAR ELEVATION
LEFT SIDE ELEVATION
RIGHT SIDE ELEVATION

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ALA

Job Number: 24206
Sheet Number: A200

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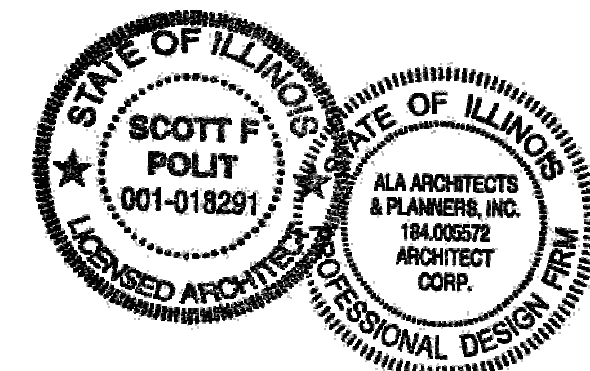
ELEVATION NOTES

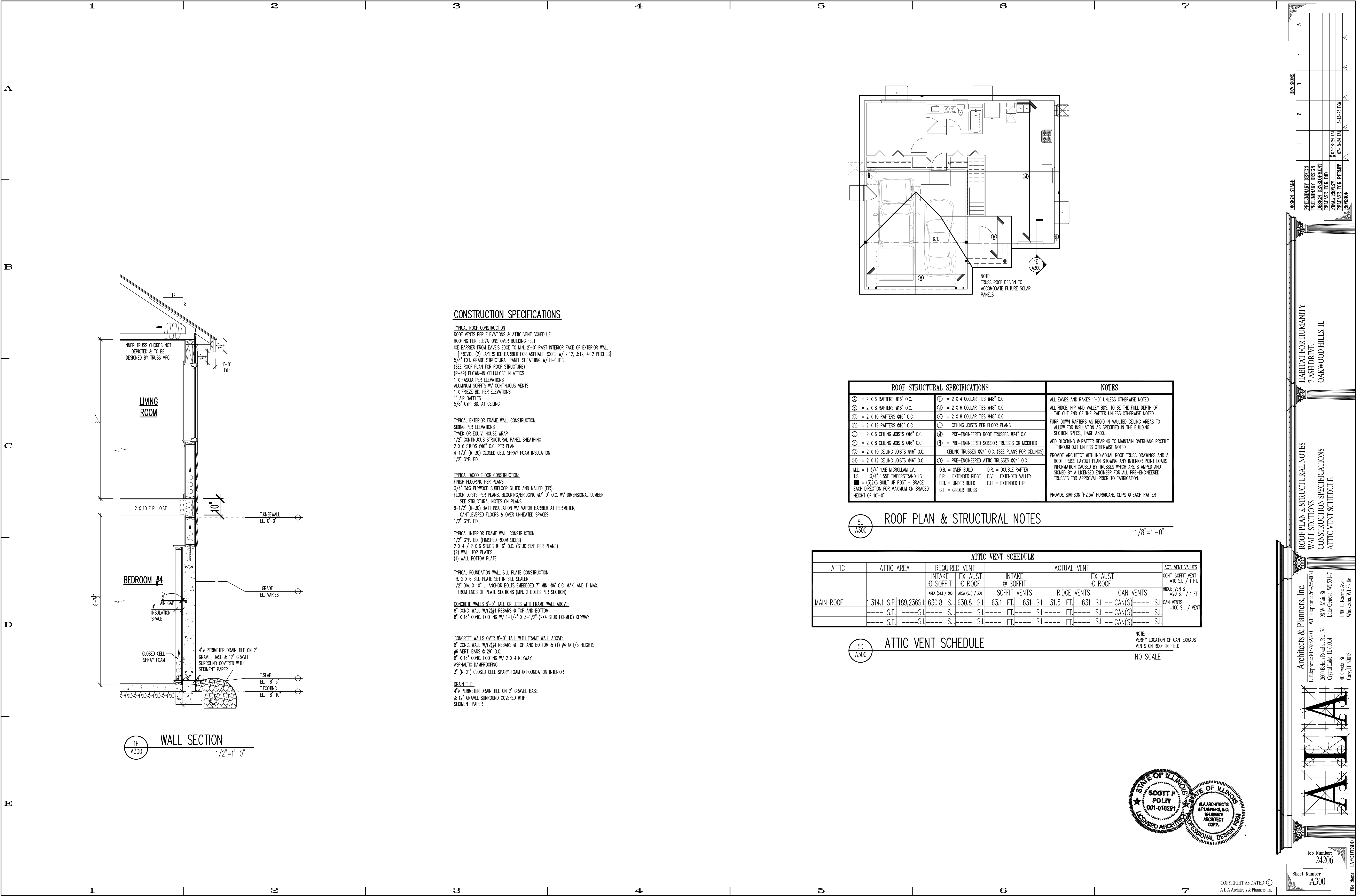
- * DO NOT SCALE ELEVATIONS. VERIFY WALL HEIGHTS WITH PLANS, CONTACT ARCHITECT WITH ANY DISCREPANCIES
- * WHEN INTERSECTING TWO ROOF PLANES WITH DIFFERENT ROOF PITCHES, BLOCK TOP OF STUD WALL OR BEAM AS REQUIRED TO ALLOW FASCIAS TO LINE UP RETAINING A COMMON EAVE DISTANCE.
- * SEE ROOF PLAN FOR TYPICAL EAVE AND RAKE DISTANCES UNLESS OTHERWISE NOTED ON ELEVATIONS
- * IF RIDGE AND SOFFIT VENTS PROVIDE LESS THAN THE CODE MINIMUM, ADD CAN VENTS AS NEEDED TO THE REAR AND SIDE ELEVATIONS

WINDOW NOTES

- * ALL WINDOWS ARE DESIGNATED IN ROUGH OPENING, SHOWN IN FEET & INCHES TO BE MET WITHIN 2" OR EXCEEDED, DEPENDING ON MFG.
- EXAMPLE: 2555 = 2'-5" X 5'-5"
- EXAMPLE: 3068 = 3'-0" X 6'-8"
- EXAMPLE: 18080 = 18'-0" X 8'-0"

TEMPERED GLASS = (1)
FIXED WINDOW = (2)
EGRESS WINDOW = (3)
EGRESS WINDOW BREAKDOWN =
MIN. CLEAR OPEN AREA OF 5.7 S.F.
MIN. CLEAR OPEN WIDTH OF 20"
MIN. CLEAR OPEN HEIGHT OF 24"
MAX. SILL HEIGHT OF 44"

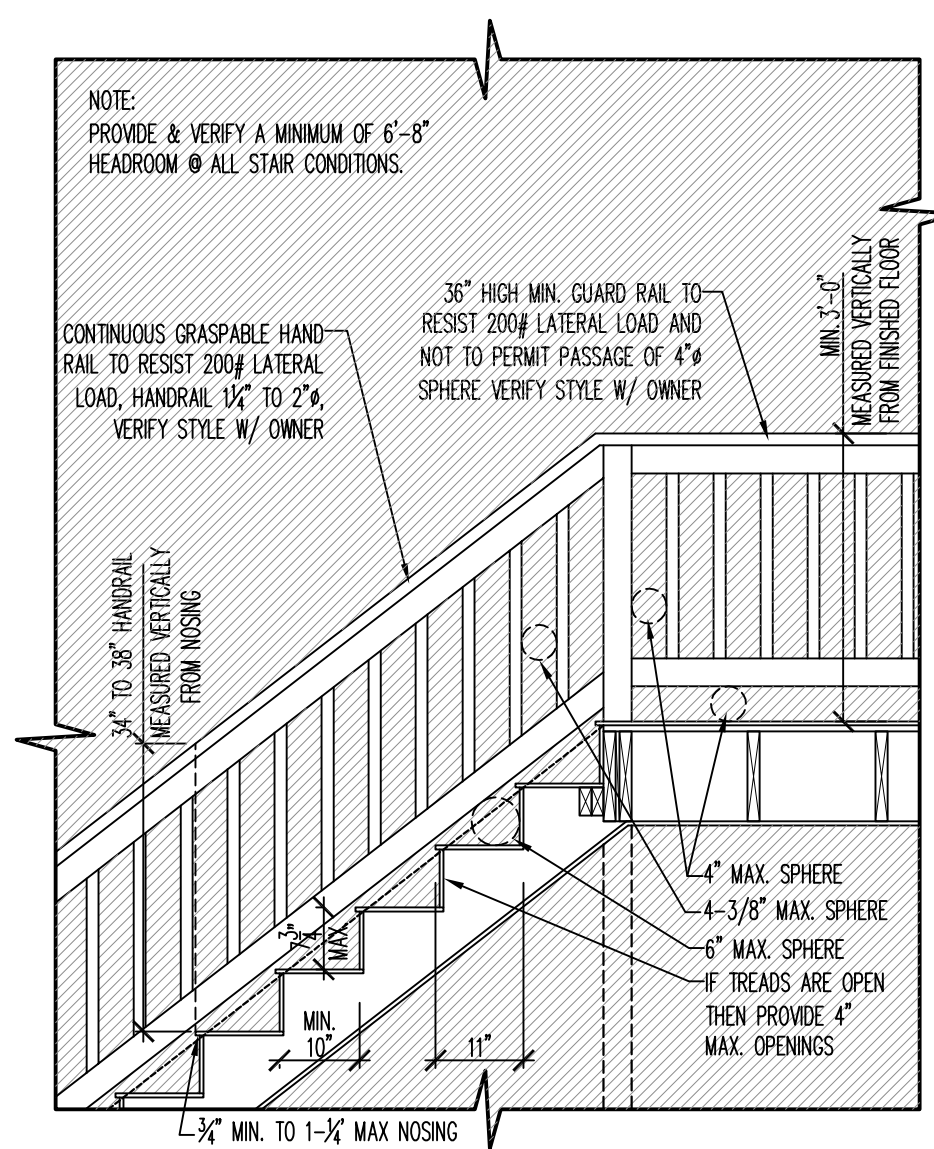




LIGHT & VENT SCHEDULE

NOTE:
THE DETAILS AND SECTIONS SHOWN
ARE FOR REFERENCE ONLY.
PROVIDED TO AID IN THE
CONSTRUCTION IN STANDARD AND
OPTIONAL CONDITIONS. SEE PLANS
FOR SPECIFICS AND ACTUAL
CONSTRUCTION DETAILS.

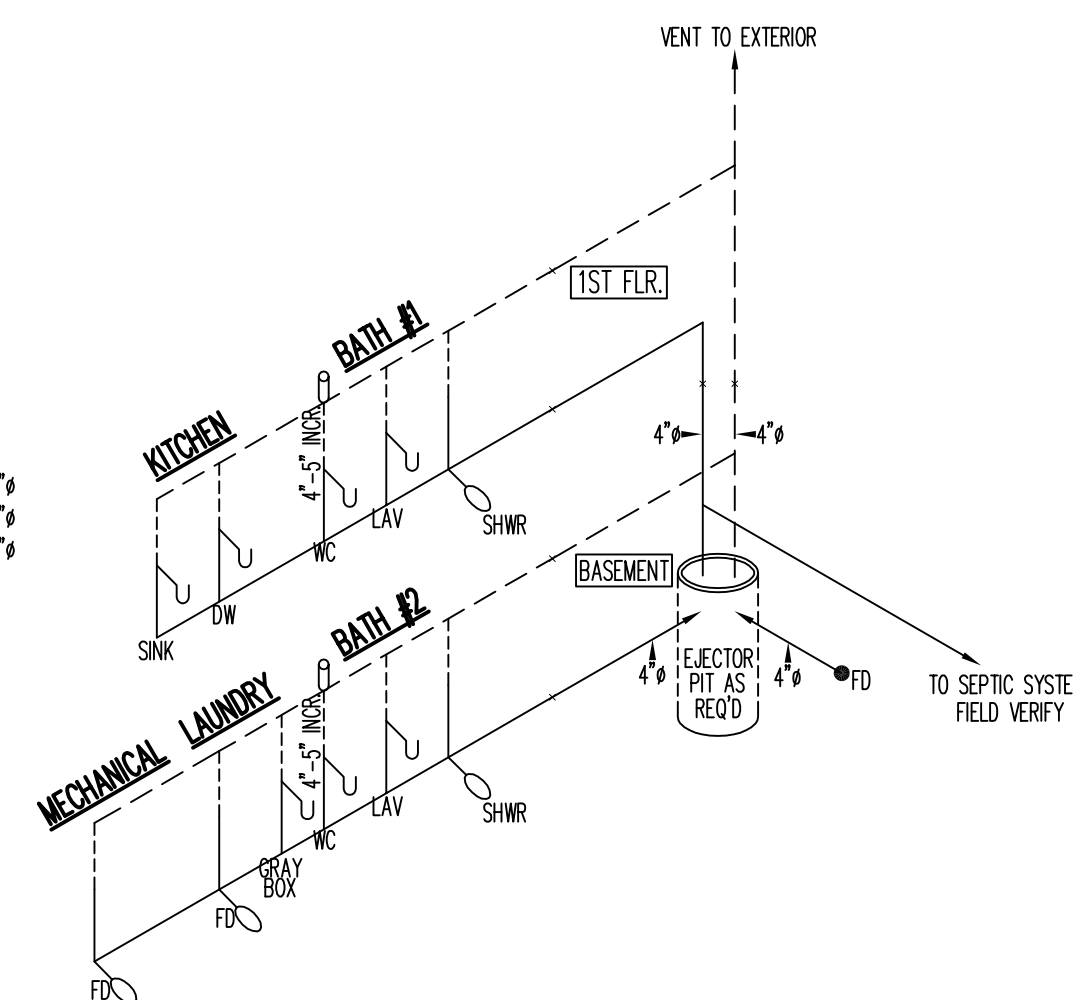
NOTE:
ACTUAL STAIR LAYOUT PER PLANS.
DIAGRAM SHOWS GUARDRAIL,
HANDRAIL, HEADROOM, ETC.
SPECIFICATIONS NOT FOR STAIR RUN
CONSTRUCTION. INSTALL THIRD
STRINGER IF TREADS ARE MORE THAN
3'-0" WIDE. PROVIDE HANDRAIL WITH
STAIR RUNS WITH 4 RISERS OR MORE.



TYPICAL STAIR & RAIL DETAIL

$$1/2^n = 1' - 0^n$$

NOTE:
ALL UNDERGROUND WASTE
LINES TO BE 4" MIN.
MIN. TRAP SIZES:
SHOWER
BATHTUBS & SHOWERS
KITCHEN SINK
LAVATORIES
WATER CLOSETS
LAUNDRY WASH TUB
2" FLOOR DRAIN
3" FLOOR DRAIN



WASTE DIAGRAM

NO SCALE

PLUMBING FIXTURE COUNT

NO SCALE

NOTE:
PROVIDE PASSIVE RADON MITIGATION SYSTEM PER
STATE ADOPTED CODES. PROVIDE POWER OUTLET
IN ATTIC FOR FUTURE VENT FAN & OPTIONAL
VENT FAN (FOR ACTIVE SYSTEMS). LOCATION(S)
OF VENT PIPING & POWER OUTLET IN ATTIC TO BE
LOCATED IN FIELD. ALL EXPOSED & VISIBLE
INTERIOR RADON VENT PIPING SHALL BE
PROPERLY LABELED & IDENTIFIED.

1. ALL CONCRETE SLABS THAT COME IN CONTACT WITH THE GROUND SHALL BE LAID OVER A GAS PERMEABLE MATERIAL MADE UP OF EITHER A MIN. 4" THICK UNIFORM LAYER OF CLEAN AGGREGATE, OR A MIN. 4" THICK LAYER OF SAND, OVERLAIN WITH A LAYER OR STRIPS OF MANUFACTURED MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.

2. ALL CONCRETE FLOOR SLABS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL BUILDING CODES, ADDITIONAL REFS: AMERICAN CONCRETE INSTITUTE PUBLICATION, "ACI302.1R" & "ACI332R", OR THE POST TENSIONING INSTITUTE MANUAL, "DESIGN AND CONSTRUCTION OF POST-TENSIONED SLAB ON GROUND".

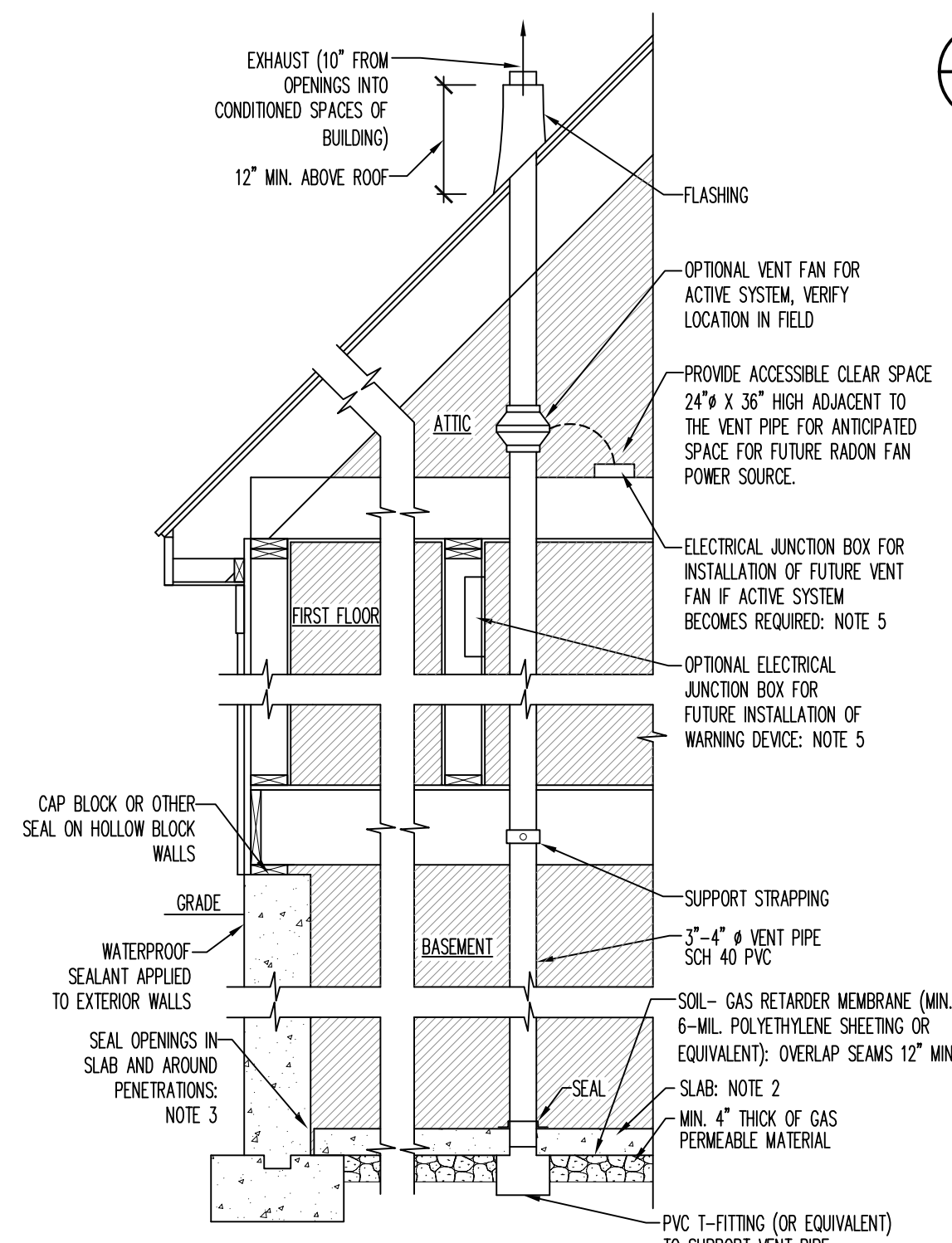
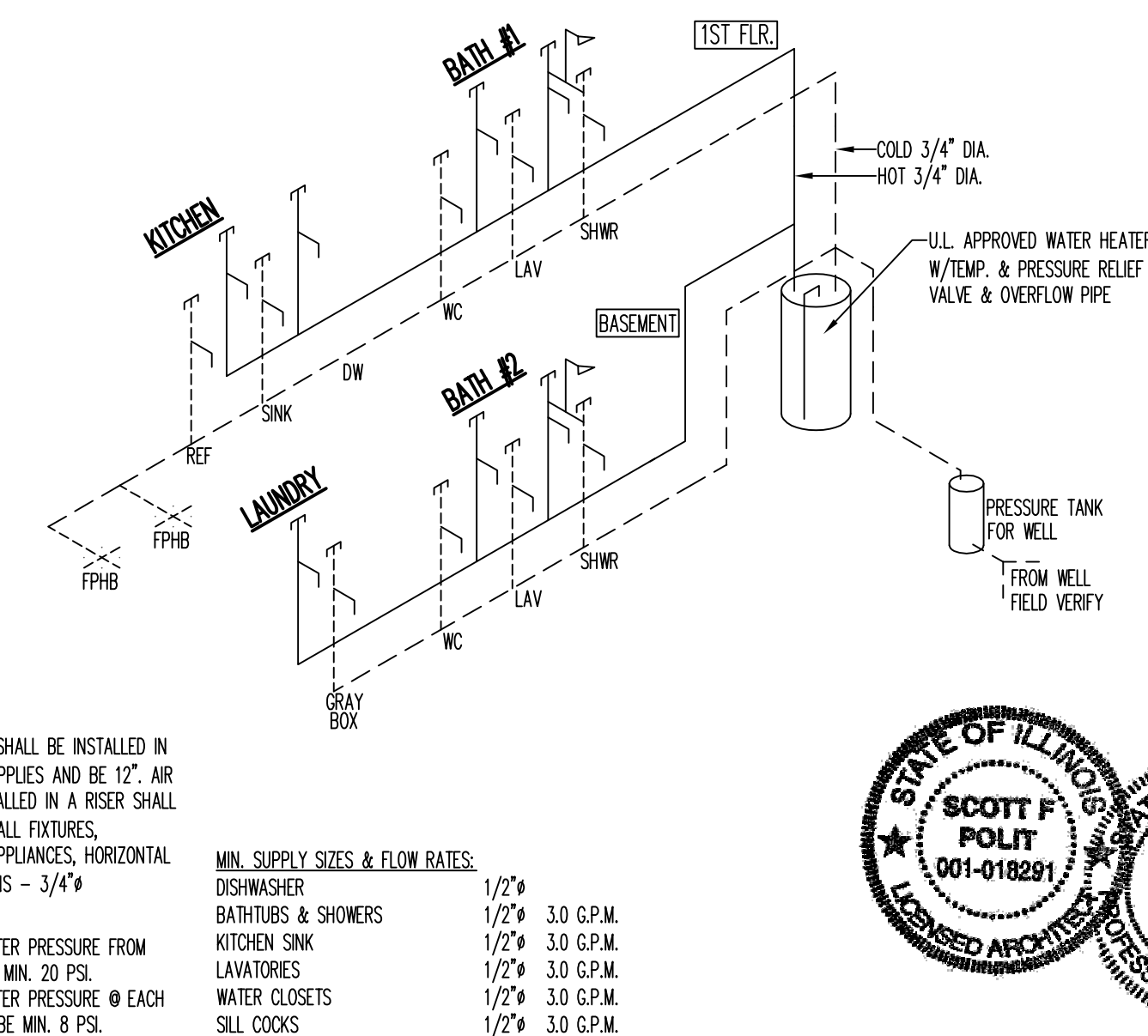
3. ALL OPENINGS, GAPS AND JOINTS IN FLOOR AND WALL ASSEMBLIES IN CONTACT WITH SOIL OR GAPS AROUND PIPES, TOILETS, BATHTUBS OR DRAINS PENETRATING THESE ASSEMBLIES SHALL BE FILLED OR CLOSED WITH MATERIAL THAT PROVIDES A PERMANENT AIR TIGHT SEAL. SEAL LARGE OPENINGS WITH NON-SHRINK MORTAR, GROUTS OR EXPANDING FOAM MATERIALS AND SMALLER GAPS WITH AN ELECTROMETRIC JOIST SEALANT. AS DEFINED IN ASTM C920-87.

4. VENT PIPES SHALL BE INSTALLED SO THAT ANY RAINWATER OR CONDENSATION DRAINS DOWNWARD INTO THE GROUND BENEATH THE SLAB OR SOIL-GAS-BETARDER MEMBRANE.

5. CIRCUITS SHOULD BE A MIN. 15 AMP, 115 VOLT

6. THE PASSIVE RADON SUB-SLAB DEPRESSURIZATION SYSTEM TEE OR APPROVED CONNECTION SHALL BE FITTED WITH NOT LESS THAN 5' OF PERFORATED PIPE EXTENDING FROM EACH HORIZONTAL OPENING OF THE TEE.

TYPICAL RADON VENT DETAIL


$$1/2^n = 1' - 0'$$


NOTE:
AIR CHAMBERS SHALL BE INSTALLED IN ALL FIXTURE SUPPLIES AND BE 12". AIR CHAMBERS INSTALLED IN A RISER SHALL BE 24". VALVE ALL FIXTURES, EQUIPMENT & APPLIANCES, HORIZONTAL & VERTICAL RUNS - 3/4"

NOTE:
-CONSTANT WATER PRESSURE FROM
TANK SHALL BE MIN. 20 PSI.
-CONSTANT WATER PRESSURE @ EACH
FIXTURE SHALL BE MIN. 8 PSI.

SUPPLY DIAGRAM

NO SCALE

DESIGN STAGE		REVISIONS				
		1	2	3	4	5
	PRELIMINARY DESIGN					
	PRELIMINARY DESIGN					
	DESIGN DEVELOPMENT					
	RELEASE FOR BID					
	FINAL REVIEW					
	RELEASE FOR PREP					
	CONSTRUCTION					

HABITAT FOR HUMANITY
7 ASH DRIVE
OAKWOOD HILLS, IL

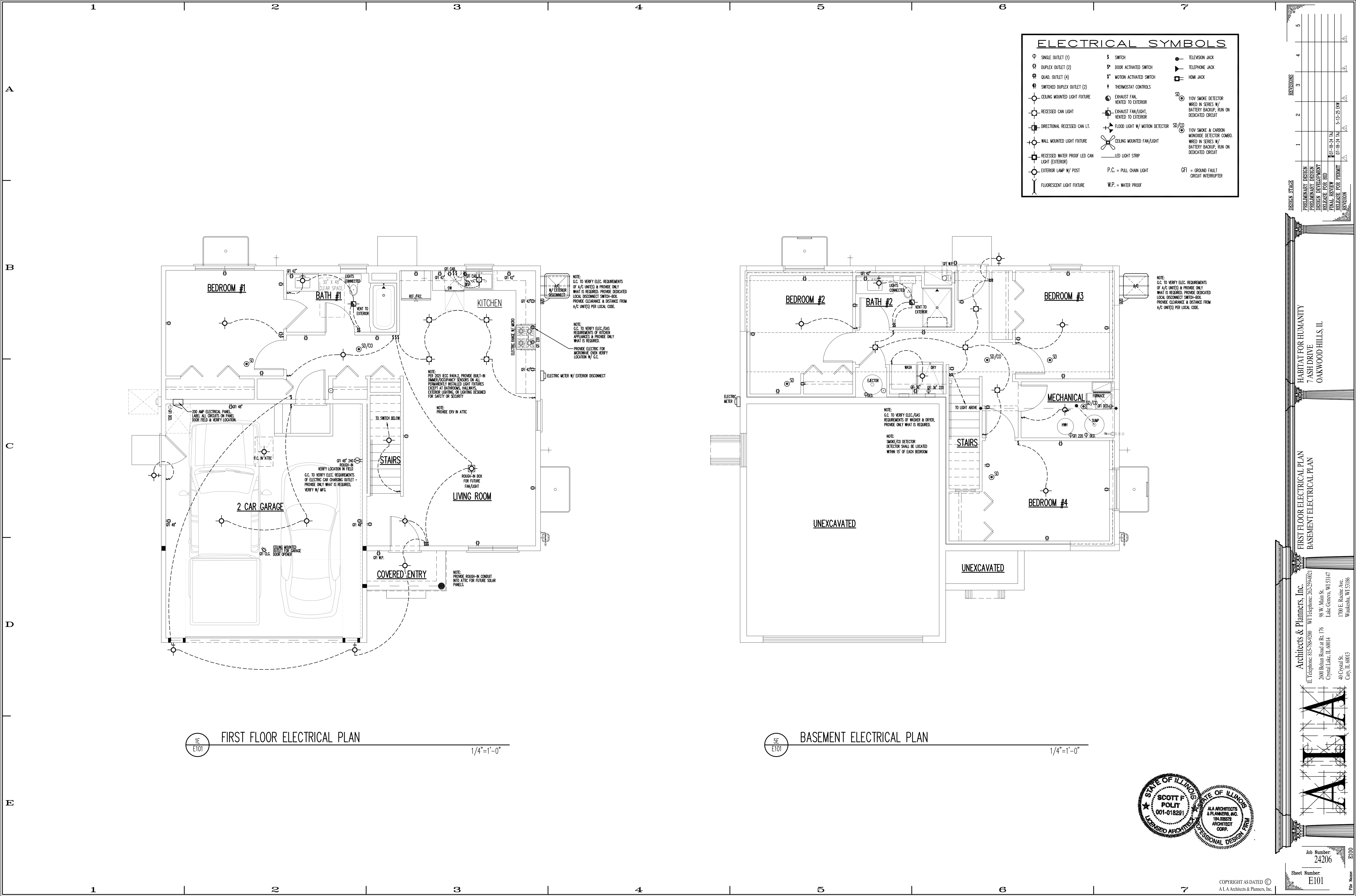
**LIGHT & VENT SCHEDULE
WASTE & SUPPLY DIAGRAM
PLUMBING FIXTURE COUNT
TYPICAL DETAILS**

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ALFA

Job Number: 24206
Sheet Number: A301

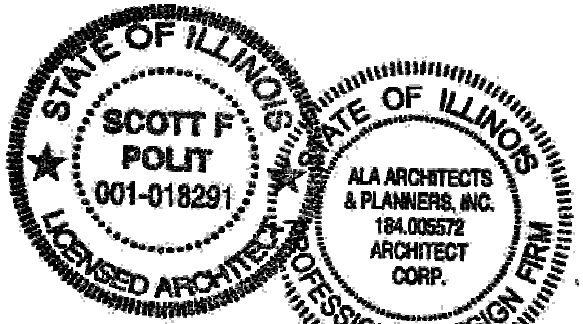
NAME: 1A VOT 1174200



ELECTRICAL SYMBOLS		
⊕ SINGLE OUTLET (1)	⌘ SWITCH	⬮ TELEVISION JACK
⊕ DUPLEX OUTLET (2)	⌘ DOOR ACTIVATED SWITCH	⬮ TELEPHONE JACK
⊕ QUAD. OUTLET (4)	⌘ MOTION ACTIVATED SWITCH	⬮ HDMI JACK
⊕ SWITCHED DUPLEX OUTLET (2)	⌘ THERMOSTAT CONTROLS	
⊕ CEILING MOUNTED LIGHT FIXTURE	⊕ EXHAUST FAN, VENTED TO EXTERIOR	⊕ 110V SMOKE DETECTOR W/ BATTERY BACKUP, RUN ON DEDICATED CIRCUIT
⊕ RECESSED CAN LIGHT	⊕ EXHAUST FAN/LIGHT, VENTED TO EXTERIOR	⊕ 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO. W/ BATTERY BACKUP, RUN ON DEDICATED CIRCUIT
⊕ DIRECTIONAL RECESSED CAN LT.	⊕ FLOOD LIGHT W/ MOTION DETECTOR	⊕ 110V SMOKE & CARBON MONOXIDE DETECTOR COMBO. W/ BATTERY BACKUP, RUN ON DEDICATED CIRCUIT
⊕ WALL MOUNTED LIGHT FIXTURE	⊕ CEILING MOUNTED FAN/LIGHT	⊕ LED LIGHT STRIP
⊕ RECESSED WATER PROOF LED CAN LIGHT (EXTERIOR)		
⊕ EXTERIOR LAMP W/ POST	P.C. = PULL CHAIN LIGHT	GFI = GROUND FAULT CIRCUIT INTERRUPTER
⊕ FLUORESCENT LIGHT FIXTURE	W.P. = WATER PROOF	

1E E101 FIRST FLOOR ELECTRICAL PLAN 1/4"=1'-0"

SE E101 BASEMENT ELECTRICAL PLAN 1/4"=1'-0"



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ARCHITECT
CORP.

Job Number: 24206
Sheet Number: E101
File Name: E100

DESIGN STAGE

PRELIMINARY DESIGN	1	2	3	4	5
DESIGN DEVELOPMENT					
RELEASE FOR BID					
FINAL REVIEW					
RELEASE FOR PERMIT					
REVISION					

HABITAT FOR HUMANITY
7 ASH DRIVE
OAKWOOD HILLS, IL

FIRST FLOOR ELECTRICAL PLAN
BASEMENT ELECTRICAL PLAN