

BUILDING DATA

SCOPE: ADD A SECOND FLOOR TO AN EXISTING CATERING BUSINESS. THE EXISTING ROOFING SHALL REMAIN INTACT WITH A NEW FLOOR BUILT ABOVE THE EXISTING ROOF STRUCTURE AND SUPPORTED BY CURBS. USE GROUP: M (MERCANTILE) (LESS THAN 50 OCCUPANTS)

CONSTRUCTION CLASS: 5B UNPROTECTED
NON-SPRINKLERED

EXISTING ENTIRE BUILDING FOOTPRINT: 2,181 S.F.
PROPOSED ADDITION IN THIS SCOPE: 1,580 S.F. OF NEW LIGHT STORAGE
MAXIMUM TRAVEL DISTANCE AT PROPOSED TENANT FIT-OUT: 75'
MAXIMUM PROPOSED OCCUPANCY OF ADDITION: 5 OCCUPANTS
VOLUME OF ADDITION: 22,120 CU/ FT
MAXIMUM BUILDING HEIGHT: 28'-6"

CODE CRITERIA:
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODES AND STANDARDS AS ADOPTED AND AMENDED BY THE LOCAL DEPARTMENT OF CODE ENFORCEMENT:
THE NJ EDITION OF THE 2015 INTERNATIONAL RESIDENTIAL CODE
2014 NATIONAL ELECTRIC CODE 2015 INTERNATIONAL MECHANICAL CODE, 2015 NATIONAL STANDARD PLUMBING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
AND ALL BULLETINS SET FORTH BY THE NJ UNIFORM CONSTRUCTION CODE.

STRUCTURAL CRITERIA

1. DESIGN LIVE LOADS: EXISTING AND NEW FLOORS = 100 p.s.f.
GROUND SNOW = 30 p.s.f.
WIND = 110 MPH 3 SECOND BURST / EXPOSURE CATEGORY C
2. DESIGN DEAD LOADS: 15 p.s.f. AT EACH AREA THROUGHOUT

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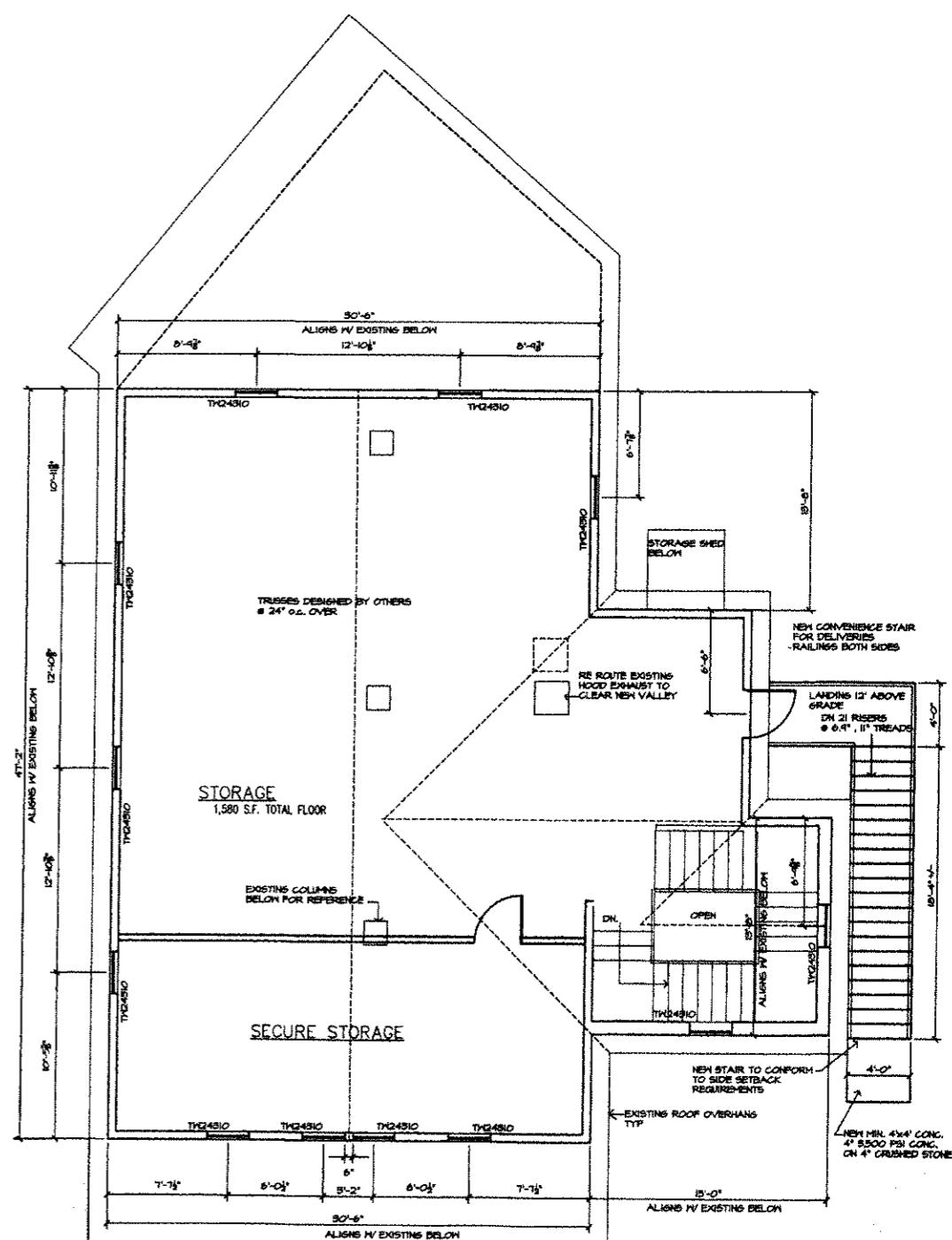
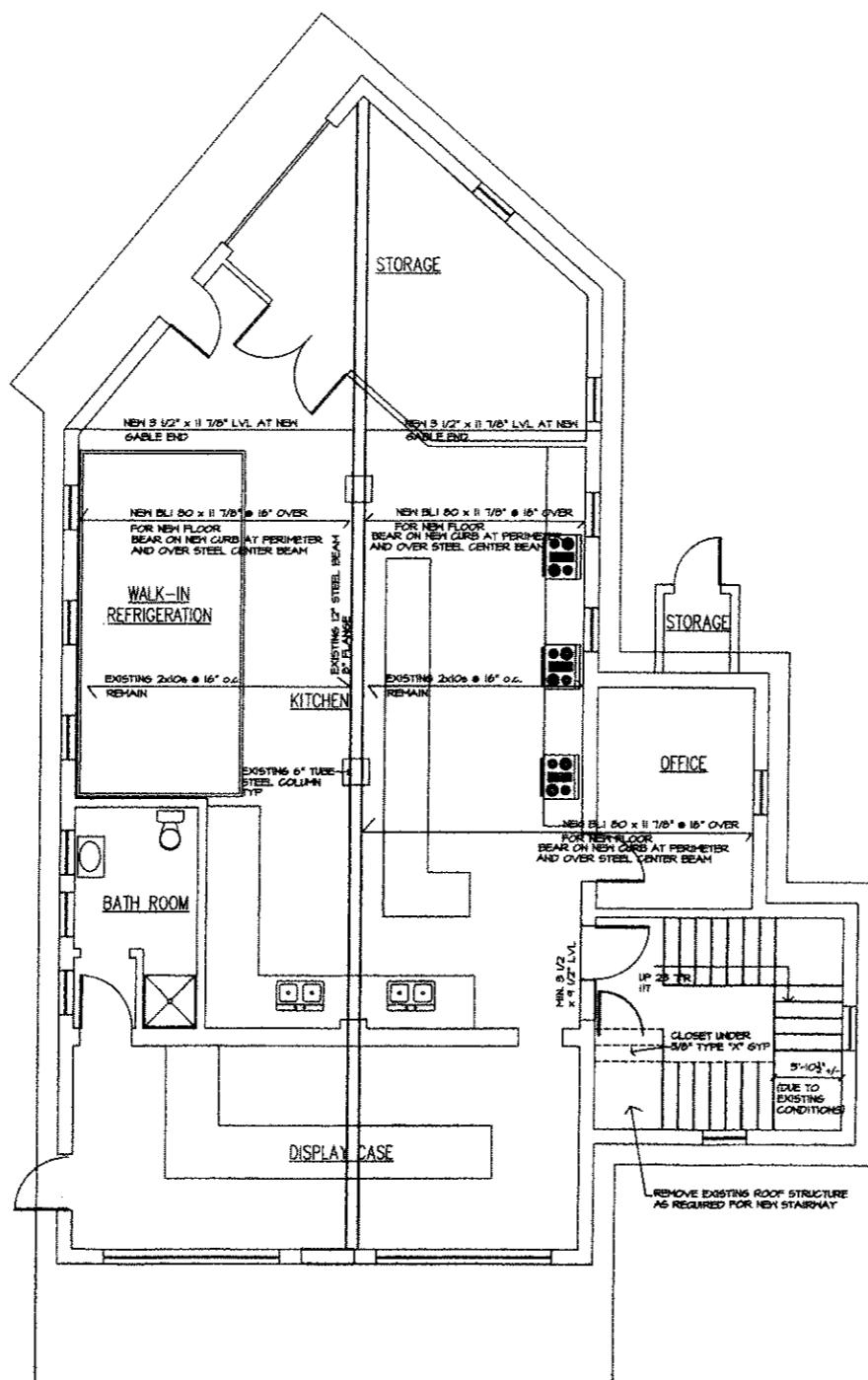
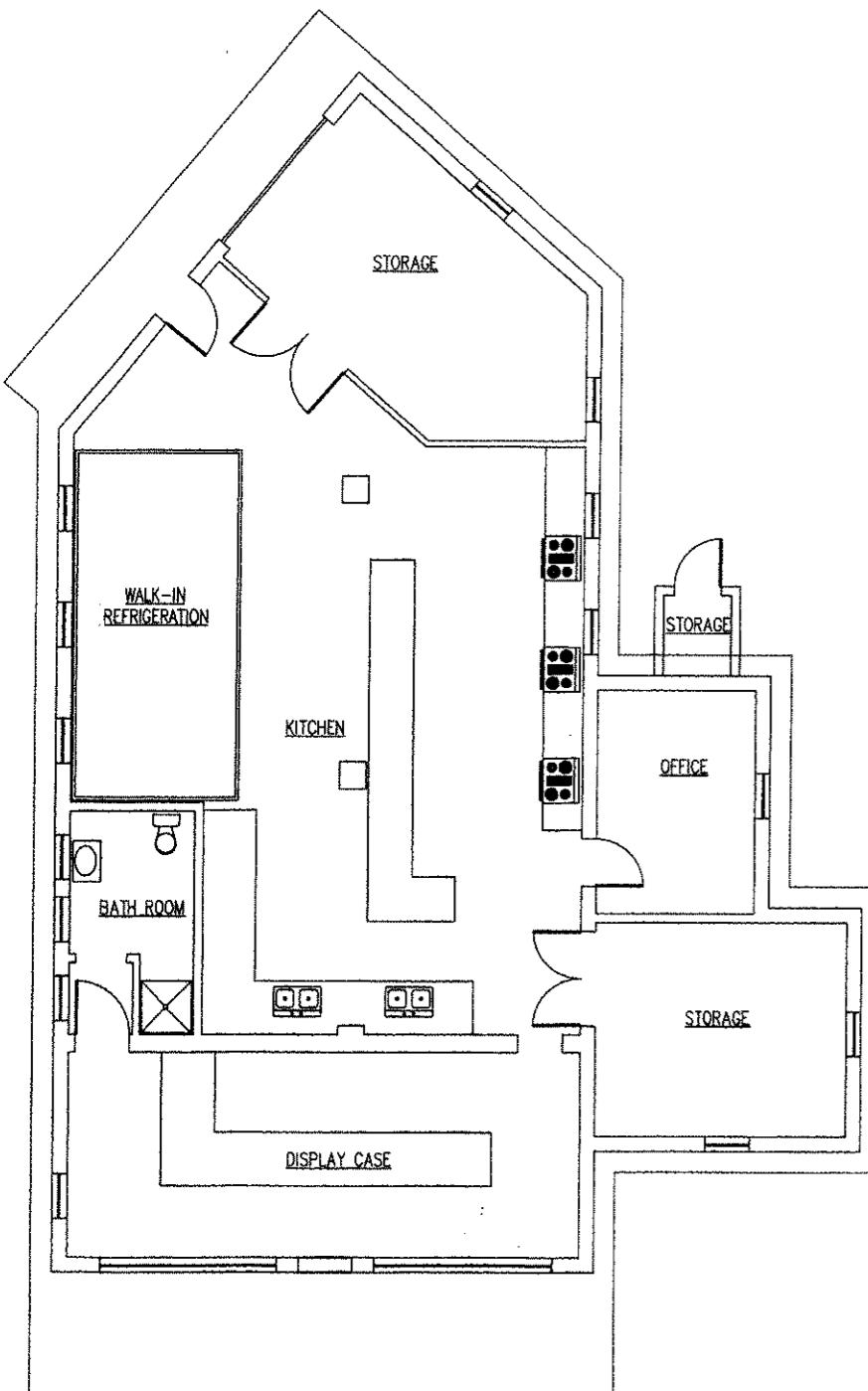
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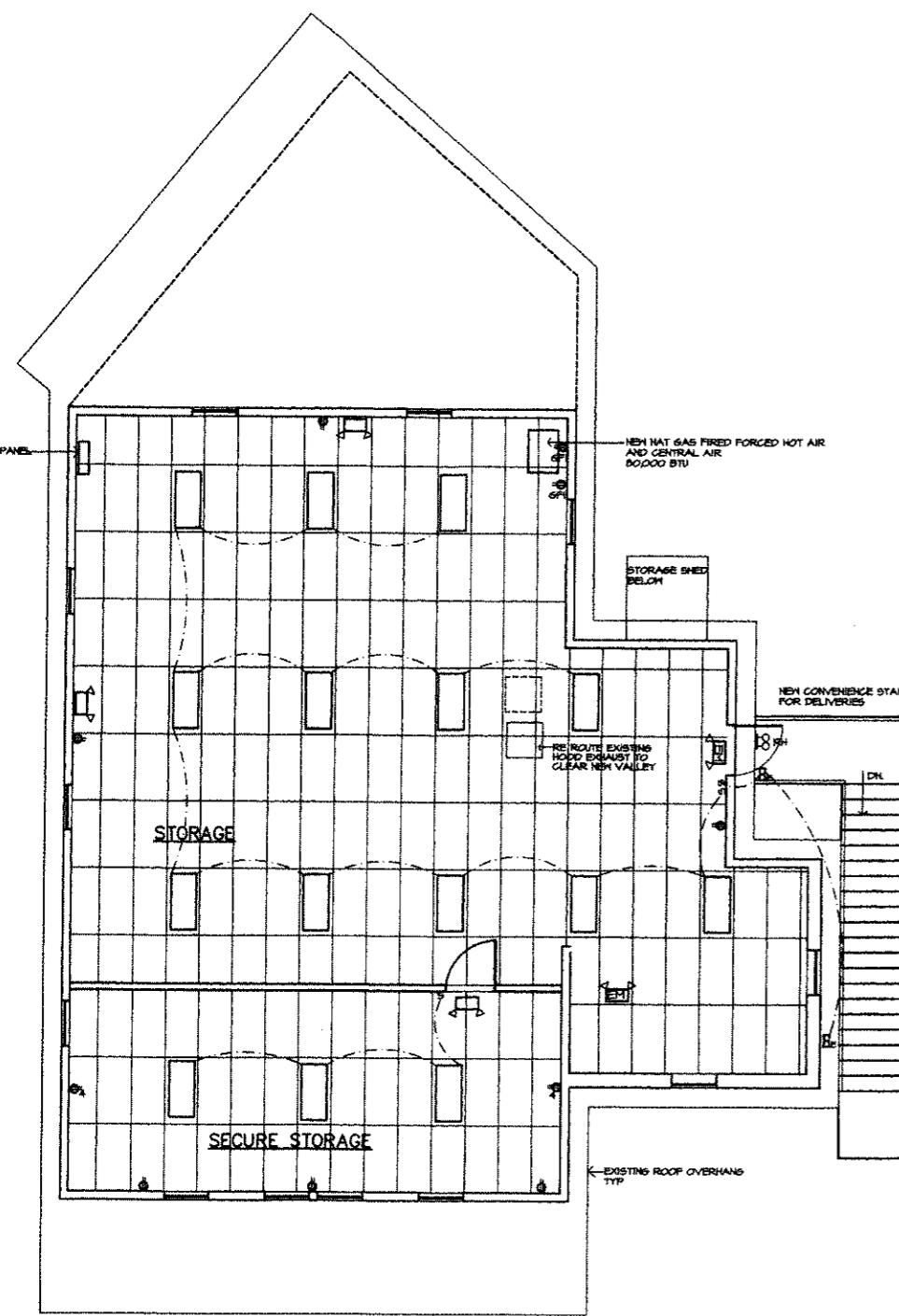
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1 EXISTING GRADE LEVEL PLAN
A2 SCALE 1/4" = 1'-0"

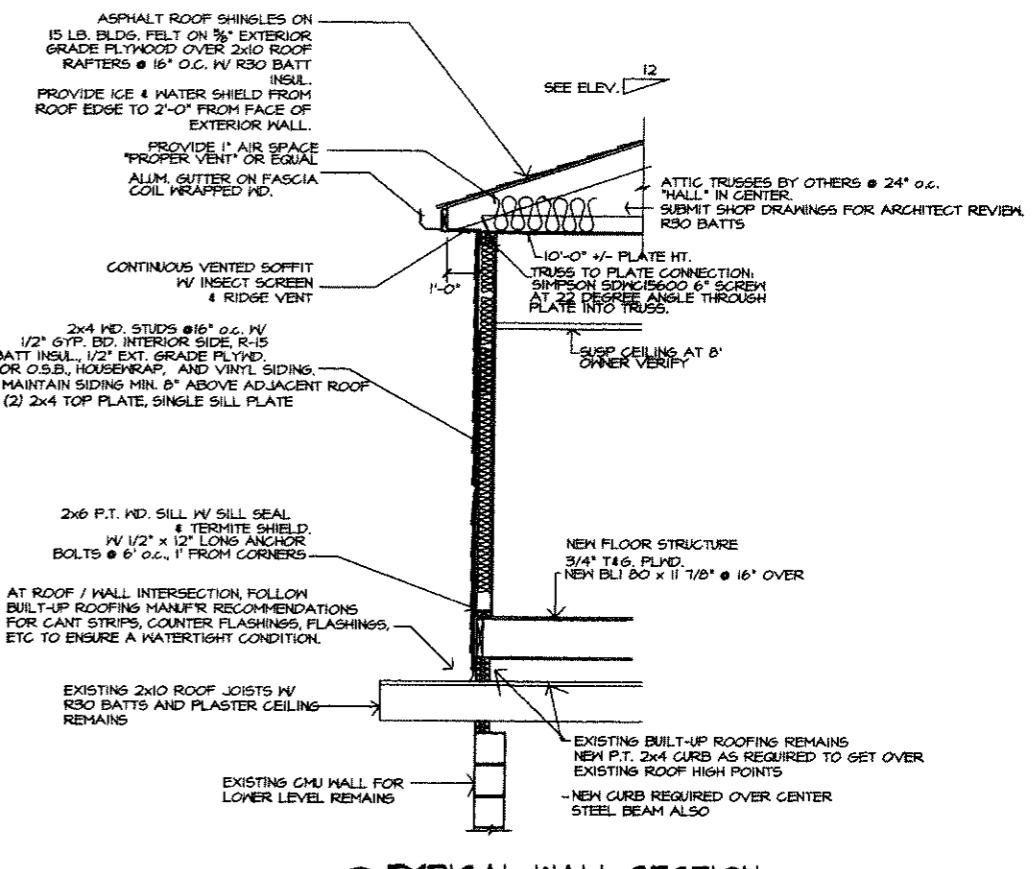
2 PROPOSED GRADE LEVEL PLAN
A3 SCALE 1/4" = 1'-0"

3 PROPOSED NEW UPPER LEVEL PLAN
A2 SCALE 1/4" = 1'-0"

LIGHTING/SYMBOL LEGEND - SELECTION BY TYPE	
SYMBOL	TYPE
A	2' X 4' LAY-IN LED W/ ACRYLIC LENS
B	EXTERIOR WALL MOUNTED LIGHT ON NIGHT LIGHT CIRCUIT
C	DUPLEX OUTLET
DA	DUPLEX OUTLET W/ GROUND FAULT INTERRUPT
OHM	SMOKE / HEAT DETECTOR COMB. HARD WIRED W/ BATTERY BACKUP
S	SWITCH
SD	DIMMER SWITCH
TD	THREE WAY DIMMER SWITCH
TW	THREE WAY SWITCH
WD	GUARD DUPLEX OUTLET GFI
EM	EMERGENCY LIGHT W/ BATTERY BACKUP CHLORIDE SELF CONTAINED LCD EXIT LIGHT 120VAC. CONNECT TO UNBRAKED LOCAL LIGHTING CIRCUIT WITH BATTERY BACKUP. MINIMUM 1 FC IS TO BE MAINTAINED
ES	EMERGENCY LIGHTS W/ BATTERY BACKUP AND INTERNALLY ILLUMINATED EXIT SIGN FOR REMOTE HEADS 2 BATTERY BACKUP UNIT WITH TWO 18 WATT, 12V DC HEADS, CAPACITY FOR REMOTE HEADS CONNECTED TO UNBRAKED LOCAL LIGHTING CIRCUIT ON SEPARATE BREAKER
ER	REMOTE EMERGENCY HEAD, SOFFIT MOUNTED, WEATHER PROOF WHERE USED OUTDOORS, WITH 12WATT, 12V DC LAMP, MAINTAIN 1 FC.



PROPOSED NEW UPPER LEVEL PLAN
W/ LIGHTING AND POWER



TYPICAL WALL SECTION
A3
SCALE: 1/2" = 1'-0"

GENERAL NOTES

- CONTRACTORS ARE RESPONSIBLE FOR VERIFICATION AND COORDINATION OF ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- CONTRACTORS SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE CONSTRUCTION IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL DEBRIS TO A LEGAL DISPOSAL AREA.
- ALL LUMBER IN CONTACT WITH MASONRY AND EXPOSED TO WEATHER SHALL BE PRESSURE TREATED ROT RESISTANT, NOTED AS "P.T." ON PLANS. PRESSURE TREATED WOOD SHALL BE VULCANIZED ALKALINE COPPER QUAT (ACQ) OR MCQ.
- THE ARCHITECT'S SERVICES ARE LIMITED TO THESE CONTRACT DOCUMENTS. THE ARCHITECT IS NOT RESPONSIBLE FOR DOCUMENTS BY OTHERS, SUCH AS SITE PLANS, SITE SURVEYS, TRUSS DESIGN, ETC.
- THE CONTRACTOR SHALL STORE ALL MATERIALS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- DRAFTSTOP/FIRESTOP WITH APPROVED NON-COMBUSTIBLE MATERIAL AT CHUTES, PORCHES, ETC. AT ALL FLOOR AND CEILING INTERSECTIONS WHERE APPPLICABLE. WHERE PLATES ARE CUT FOR DUCTWORK, PROVIDE STRAP AROUND DUCTWORK AT OPPOSITE SIDE FROM SHEATHING TO STRENGTHEN PLATE. PROVIDE SOLID BLOCKING AND FIRE SAFING.
- ALL FASTENERS IN CONTACT WITH TREATED WOOD SHALL BE AS FOLLOWS: ANCHOR BOLTS: TRIPLE DIPPED GALVANIZED OR GALVANIZED WASHERS AND GALVANIZED NUTS. NAILS: ELECTRO-SALVANIZED FULL ROUND HEAD NAILS OR TRIPLE DIPPED GALVANIZED. TECO CONNECTIONS: Z MAX TRIPLE DIPPED GALVANIZED. TERMITE SHIELD AND DECK FLASHING: ASPHALT IMPREGNATED COPPER.
- ROOFING AND FLASHINGS SHALL BE INSTALLED BY NJ LICENSED CONTRACTOR. ALL MANUFACTURER'S RECOMMENDATIONS FOR MIN. FLASHINGS, BASE SHEETS, COMPATIBILITY OF DISIMILAR MATERIALS, INSTALLATION PROCEDURES, ETC. SHALL BE INCORPORATED TO MAINTAIN FULL ROOFING WARRANTY THROUGHOUT.
- ALL GUARDS SHALL BE 42" HIGH AT HORIZONTAL AREAS. ALL HANDRAILS SHALL BE 1/2" DIAMETER AND 36" HIGH AT HORIZONTAL AREAS, AND BETWEEN 34" AND 36" HIGH FROM STAIR NOISING AT INCLINED AREAS. BALUSTERS SHALL BE PLACED AS TO NOT ALLOW A 4" SPHERE TO PASS BETWEEN. 1/2" SPACE REQUIRED BETWEEN GUARD AND HANDRAIL.
- ALL STAIRS HAVE MAX. 7" CLOSED RISER AND MIN. 6" CLOSED RISER. ALL STAIRS SHALL HAVE A MIN. 10 1/4" TREAD PLUS 3 1/4" NOISING FOR 11" TOTAL.

ELECTRICAL NOTES:

- ALL WORK SHALL BE DONE BY A NJ LICENSED ELECTRICIAN.
- PROVIDE AND INSTALL SMOKE DETECTORS AS INDICATED ON DRAWINGS AND AS DIRECTED BY MUNICIPAL OFFICIAL SMOKE DETECTORS SHALL BE HARDWIRED TO PANEL.
- DESIGN OF DISTRIBUTION PANELS, FEEDERS, ETC. BY OTHERS.
- GROUND FAULT INTERRUPT OUTLETS AND / OR BREAKERS AT KITCHEN, BATHS, MECHANICAL ROOMS, AND OUTSIDE OUTLETS.
- BRANCH CIRCUIT HIRING IN DAMP, WET, OR EXPOSED AREAS SHALL BE INSTALLED IN CONDUIT.
- CONTRACTOR TO PROVIDE TEMPORARY POWER FOR CONSTRUCTION AS REQUIRED.
- LIGHTING ELECTRICAL APPLIANCES AND EQUIPMENT SHALL BE UL LISTED, LABELED AND APPROVED.
- HIRING METHODS AND ALL ELECTRICAL WORK SHALL COMPLY WITH INSTRUCTIONS INCLUDED AS PART OF SUCH LISTING.
- 120 VOLT SINGLE PHASE 20A OUTLET IS REQUIRED WITHIN 25 FEET OF NEW AIR HANDLERS.
- ALL LOADS NOT TO EXCEED 100% OF BREAKER SIZE.
- ALL ELECTRICAL APPARATUS SHALL BE UL LABELED AND INSTALLED IN ACCORDANCE WITH ALL INSTRUCTIONS INCLUDED AS PART OF SUCH LISTING PER NEC 10.3(B).
- HIRE SIZES: 15A CIRCUITS SHALL BE #14 COPPER WIRE. 20A CIRCUITS SHALL BE #12 COPPER WIRE. 220V CIRCUITS SHALL BE #10 COPPER WIRE.
- VERIFY ALL MOUNTING HEIGHTS OF SWITCHES AND OUTLETS W/ OWNER PRIOR TO INSTALLING.
- GROUNDING SHALL COMPLY W/ NEC ARTICLE 250.

PLUMBING NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLUMBING WORK FROM THE CONNECTION WITH THE EXISTING SUPPLY LINES TO THE CONNECTION WITH THE EXISTING WASTE LINE.
- MATERIALS: DOMESTIC HOT AND COLD WATER: TYPE L HARD DRAWN COPPER, WITH SOLDER AND LEAD FREE FLUX JOINTS PROTECTED AGAINST GALVANIC ACTION. WASTE AND VENT: SCHEDULE 40 PVC. INTERIOR: THROUGHOUT, USE MATERIAL SUITABLE FOR GROUND CONTACT AND PROTECTION PER APPLICABLE PLUMBING CODE.
- ALL DOMESTIC HOT AND COLD WATER LINES IN THE WALLS OR CEILINGS SHALL BE INSULATED WITH 1 1/2" FIBERGLASS MITER VAPOR BARRIER.
- ALL NEW PORTIONS OF DOMESTIC SUPPLY SYSTEM SHALL BE SIZED FOR VELOCITY OF 8 FEET PER SECOND AND AVAILABLE PRESSURE OF 40 PSI MIN.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR DIRECT VENT FURNACE AND 2" PVC EXHAUST AND INTAKE LINES, NATURAL GAS PIPING, ETC.
- ALL WORK SHALL BE DONE BY A NJ LICENSED PLUMBER.

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