

INTERIOR RENOVATION
546 BLOOMFIELD AVENUE
VERONA, NEW JERSEY 07044

RECEIVED
BUILDING DEPARTMENT
OCT 27 2023

set GOOD GO. 12/8/23

Planned and Moving Building Department
As per N.J.U.C.C. Reg. 5:23-2.16(a), released plans
approved by the Building Dept. must be kept at the
building site for inspection of the construction official
or the construction official's authorized representative
at all reasonable times.

Permit Number 0223-4632
Date Permit Issued 12/12/23
Project/Qualification Code
Approved: Date Review
Construction Official 12/12/23
Electrical 12/12/23
Plumbing 12/12/23
Fire Protection 12/12/23

546 BLOOMFIELD AVENUE
INTERIOR RENOVATION
THE ANDREWS ORGANIZATION
666 BROADWAY, 12TH FLOOR
NEW YORK, NY, 10012

DOB APPROVAL

REAL AND SIGNATURE

NEW JERSEY LEGISLATURE

12/12/23

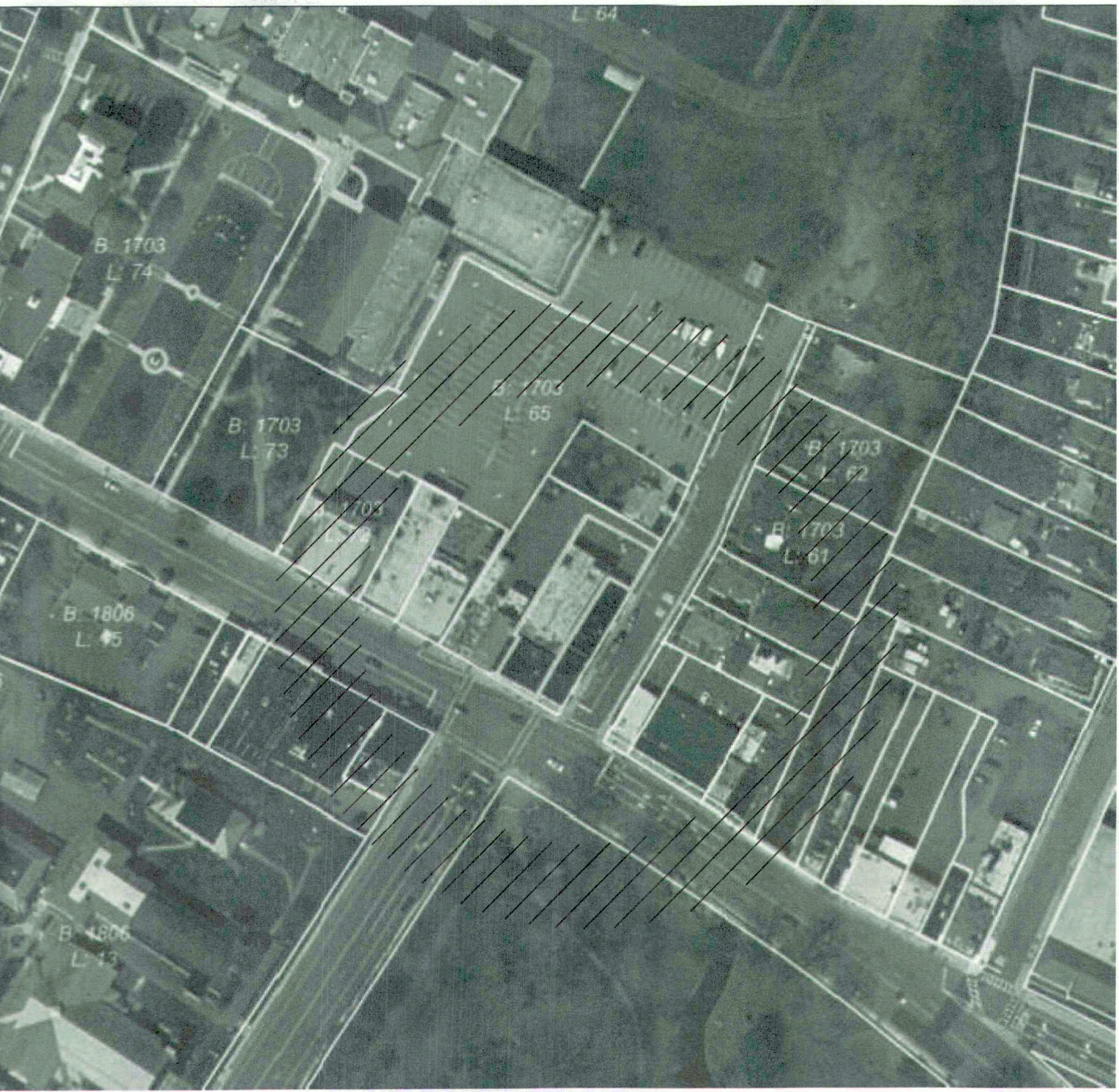
DRAWING LIST

SHEET NO.	DRAWING TITLE
GENERAL	
1 G-000.00	COVER SHEET
G-001.01	PLOT PLAN
1 G-002.00	GENERAL NOTES
G-003.01	ADA ADAPTABILITY DIAGRAMS
ARCHITECTURAL	
DM-101.00	DEMOLITION PLAN - LEVEL 01
A-101.01	PROPOSED PLAN - LEVEL 01
A-102.01	PROPOSED PLAN - LEVEL 01
A-103.01	PROPOSED PLAN - LEVEL 01
A-701.01	WALL SECTION DETAILS

PROJECT INFORMATION

OWNER:	PROJECT ADDRESS:
THE ANDREWS ORGANIZATION	546 BLOOMFIELD AVENUE
c/o	VERONA, NEW JERSEY, 07044
666 BROADWAY, 12TH FLR NEW YORK, NY, 10012	
N/A	TYPE: R-5 AND B
# OF STORIES 2	MAP: N/A
HEIGHT: N/A	BOROUGH: N/A
BIN NUMBER: N/A	LANDMARK STATUS: N/A
BLOCK: 1703	USE: MIXED USE
LOT: 68	CONSTRUCTION: MASONRY

VICINITY MAP



SCOPE OF WORK

1. THE SCOPE OF WORK AT 546 BLOOMFIELD AVENUE IS TO DO AN INTERIOR RENOVATION, WHICH INCLUDES THE RELOCATION / REPLACEMENT AND ADDITION OF NEW PLUMBING FIXTURE

3

2

1 12/28/2023 PERMIT SET REVIEW

NO DATE REVIEW RECEIVED

DOB SUBMISSION

SHEET TITLE

COVER

DATE 10/28/2023

SCALE

ROOM PROJECT NUMBER

DOB JOB NUMBER

SHEET NUMBER

G-000.00

PAGE NUMBER 1 OF 9

BLOOMFIELD AVENUE

P A R K P L A C E

EXISTING BUILDING
BLOCK: 1703
LOT: 68

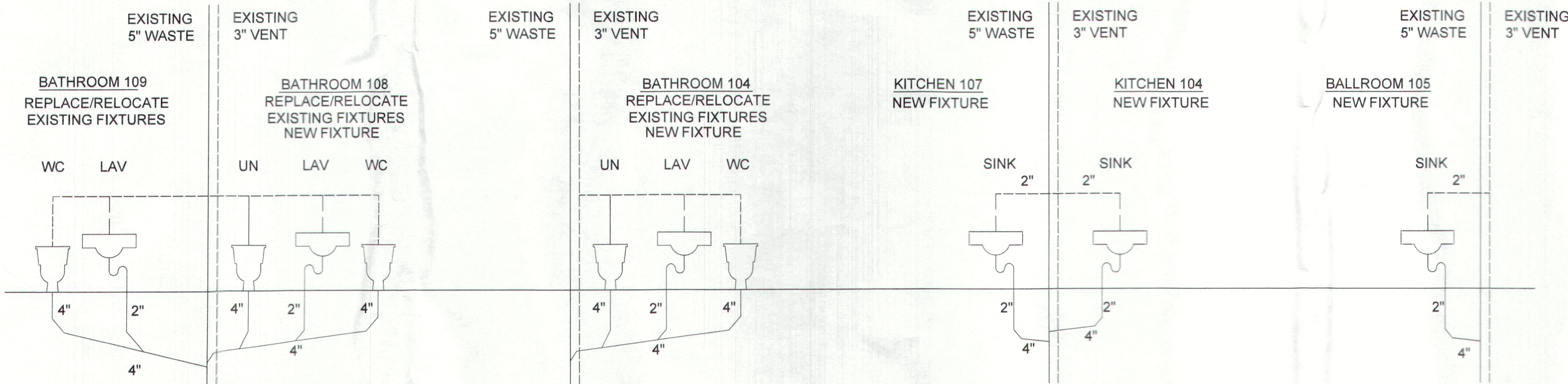
N.I.S

N.I.S

1 PLOT PLAN

1/16" = 1'-0"

SANITARY DRAINAGE DIAGRAM:



2 PLUMBING DIAGRAMS

NTS

LIST OF ABBREVIATIONS

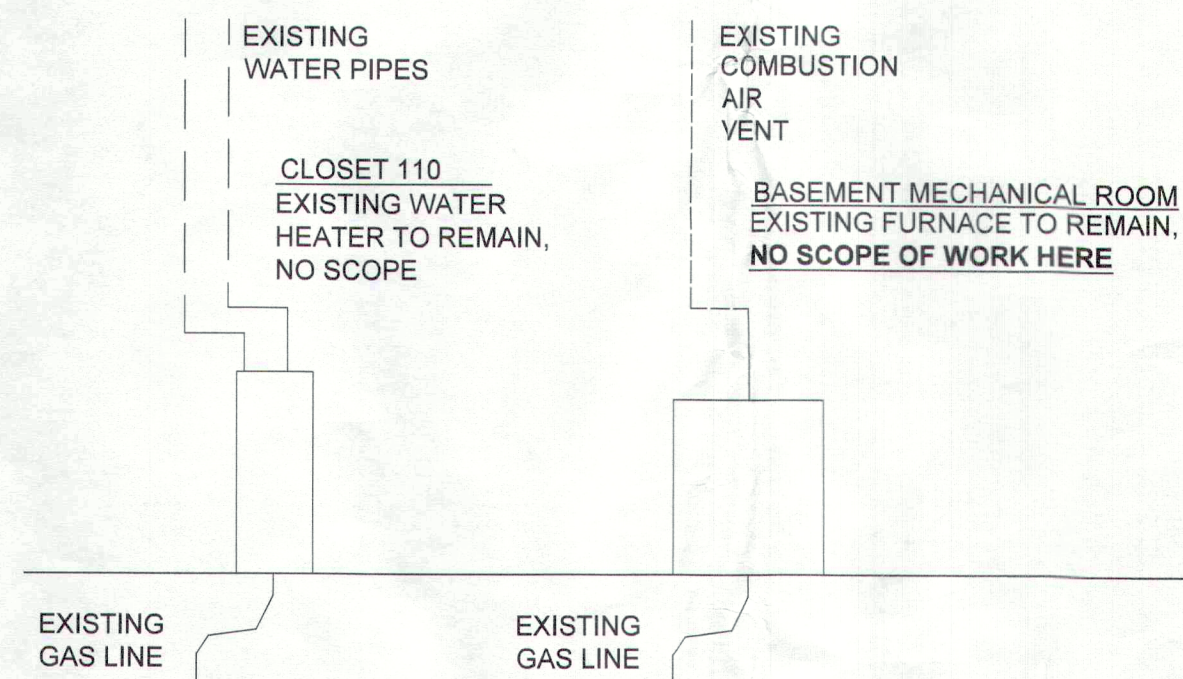
AFF	ABOVE FINISHED FLOOR	GFI	GROUND FAULT INTERRUPT	RAD	RADIUS
AP	APARTMENT PANEL	GL	GLASS	REF	REFRIGERATOR
BD	BOARD	GW	GYPSUM WALL BOARD	RD	ROOF DRAIN
BOT	BOTTOM	HC	HOLLOW CORE	REQ.	REQUIRED
BLDG	BUILDING	HCW	HOLLOW CORE WOOD	REV	REVISION(S), REVISED
CBB	CEMENT BACKER BOARD	HDW	HARDWARE	RM	ROOM
CL	CLOSET	HM	HOLLOW METAL	SAB	SOUND ATTENUATION BLANKET
CLG	CEILING	HP	HIGH POINT	SD	SMOKE DETECTOR
CLR	CLEAR(ANCE)	HR	HOUR(S)	SEC	SECTION
COL	COLUMN	HT	HEIGHT	S.F.	SQUARE FEET
CONC	CONCRETE	IN	INCH (ES)	SIM	SIMILAR
CONT	CONTINUOUS	INT	INTERIOR	SPR	SPRINKLER (HEAD)
CT	CERAMIC TILE	KIT	KITCHEN	SS	STAINLESS STEEL
DIA	DIAMETER	LAV	LAVATORY	STC	SOUND TRANSMISSION CONTROL
DIM	DIMENSION	L.C.	LINEN CLOSET	STD	STANDARD
DR	DOOR	LP	LOW POINT	STL	STEEL
DTL	DETAIL	MAX	MAXIMUM	T.C.	TOP OF CURB
DWG	DRAWING	MAS.	MASONRY	TX	TOILET EXHAUST
EL	ELEVATION	MIN	MINIMUM	TEL	TELEPHONE
EQ	EQUAL	MO	MASONRY OPENING	THK	THICK(NESS)
EXG	EXISTING	MTD.	MOUNTED	T.O.S.	TOP OF SLAB
EXH	EXHAUST	MTL	METAL	TYP	TYPICAL
EXP	EXPOSED	N/A	NOT APPLICABLE	U.O.N.	UNLESS OTHERWISE NOTED
EXT	EXTERIOR	NIC	NOT IN CONTRACT	U.O.S.	UNDERSIDE OF SLAB
FAI	FRESH AIR INTAKE	NOM	NOMINAL	U.O.B.	UNDERSIDE OF BEAM
FC	FIRE CODE	NR	NOT REQUIRED	VCT	VINYL COMPOSITION FLOOR TILE
FD	FLOOR DRAIN	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
FIN	FINISH(ED)	OC	ON CENTER(S)	WC	WATER CLOSET
FLR	FLOOR(ING)	OCC.	OCCUPANT(S)	WD	WASHER/DRYER
FPSC	FIRE PROOF SELF-CLOSING	PART.	PARTITION	WD	WOOD
FT	FOOT (FEET)	PL	PROPERTY LINE	ZR	ZONING RESOLUTION

DRAWING LEGEND

---	EXISTING PARTITION TO BE REMOVED
---	EXISTING WALL/PARTITION TO REMAIN
---	EXISTING CEILING ABOVE
---	NEW PARTITION - SEE WALL TAG AND DETAILS
---	NEW RATED PARTITION - SEE TAG AND DETAILS
---	NEW LOAD BEARING PARTITION

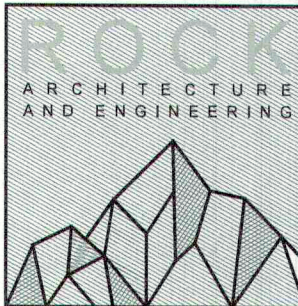
GAS RISER DIAGRAM:

NOTE: ALL EXISTING GAS LINES AND COMBUSTION AIR VENTS ARE TO REMAIN, NO SCOPE OF WORK.



2 GAS RISER

NTS



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SEAL AND SIGNATURE

Rock Architecture and Engineering
Professional Seal and Signature

10.28.2023
NO DATE
10/28/2023
SCALE
10/28/2023
SHEET NUMBER
G-001.01
PAGE NUMBER
2 OF 9

NOTE: ALL WALLS TO RECEIVE ADDITIONAL REINFORCING FOR FUTURE GRAB BARS WHERE REQUIRED.

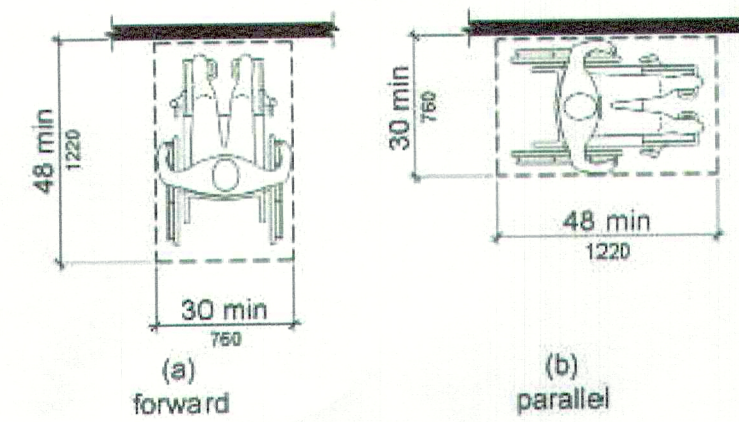


Figure 305.5
Position of Clear Floor or Ground Space

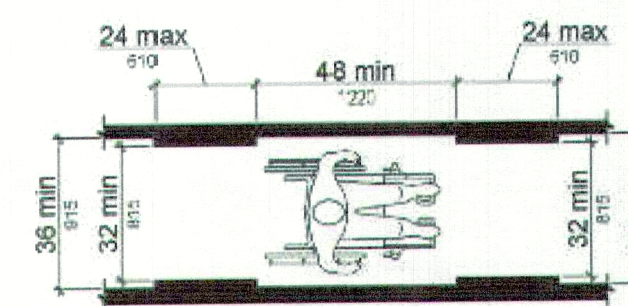


Figure 403.5.1
Clear Width of an Accessible Route

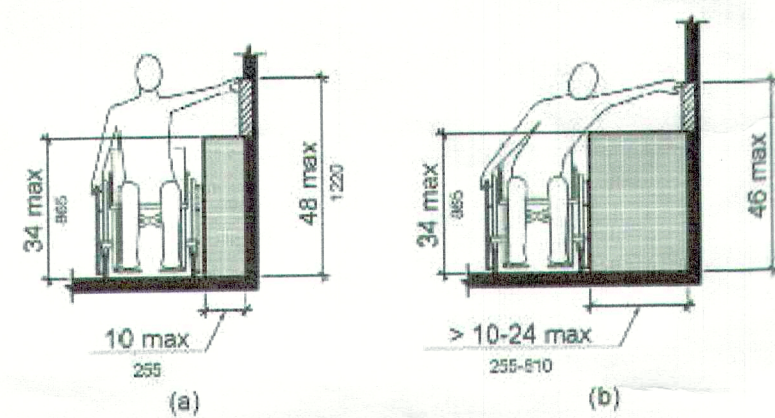


Figure 308.3.2
Obstructed High Side Reach

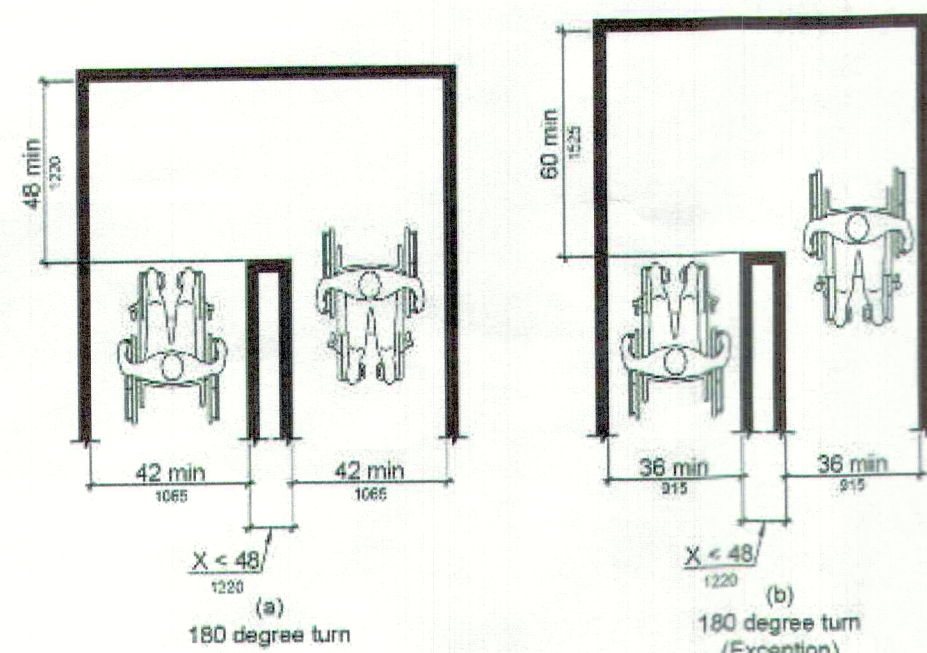


Figure 403.5.2
Clear Width at Turn

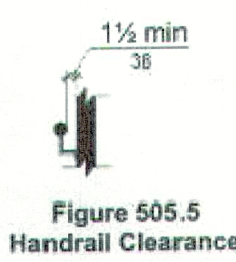


Figure 505.5
Handrail Clearance



Figure 505.6
Horizontal Projections Below Gripping Surface

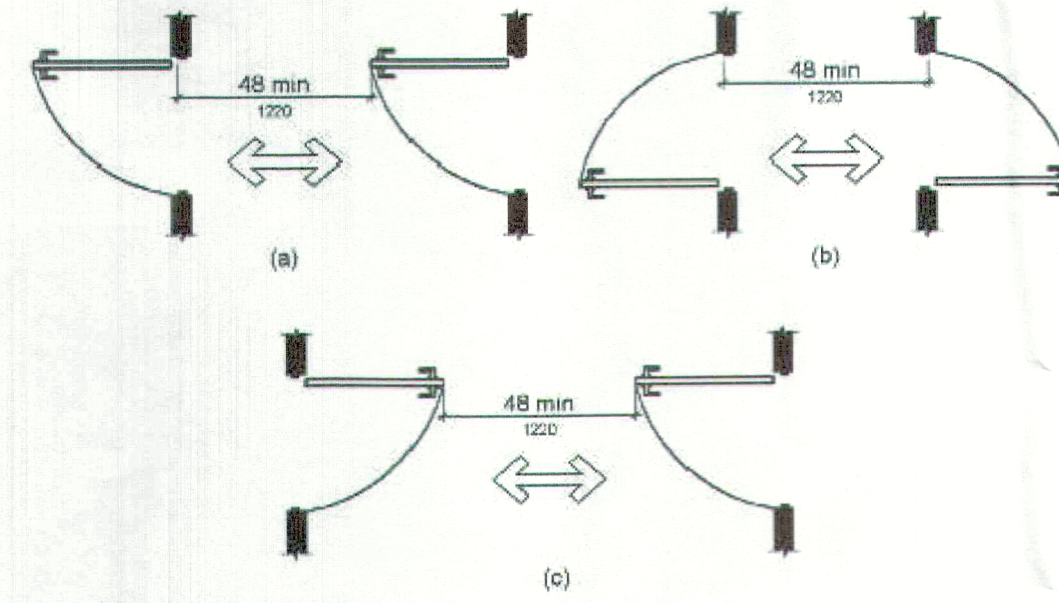
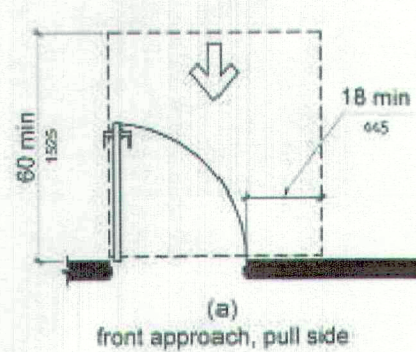
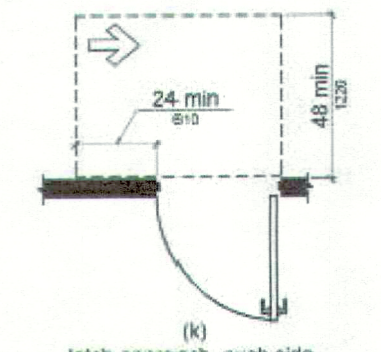


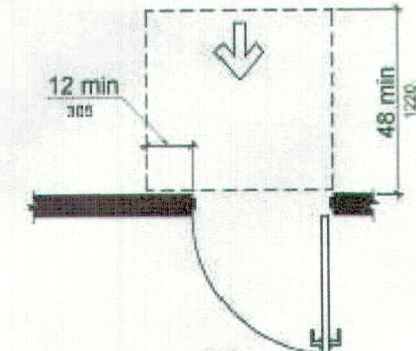
Figure 404.2.6
Doors in Series and Gates in Series



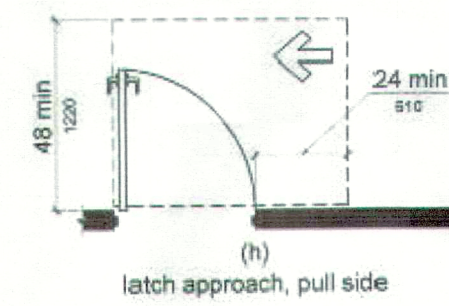
(a) front approach, pull side



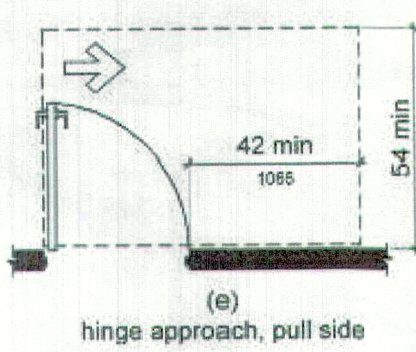
(k) latch approach, push side, door provided with closer



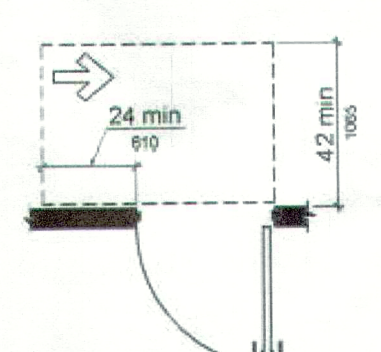
(c) front approach, push side, door provided with both closer and latch



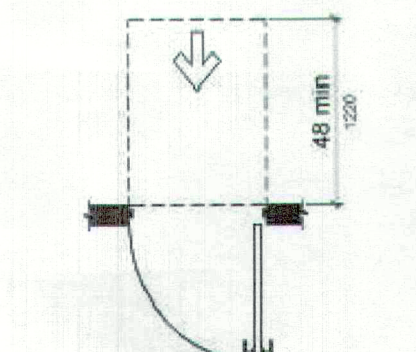
(h) latch approach, pull side



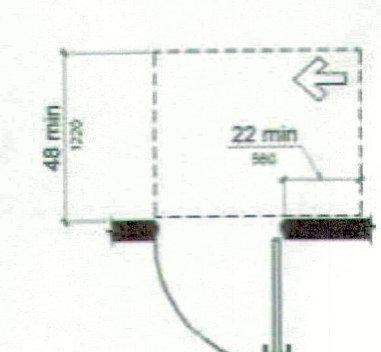
(e) hinge approach, pull side



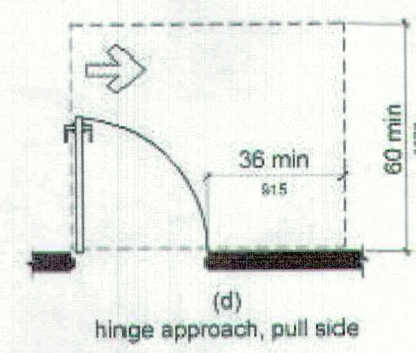
(j) latch approach, push side



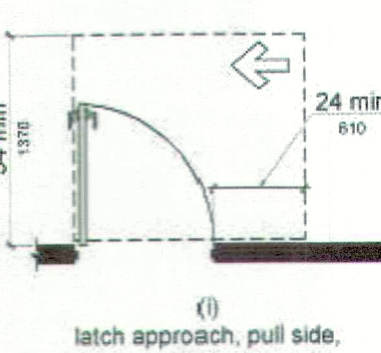
(b) front approach, push side



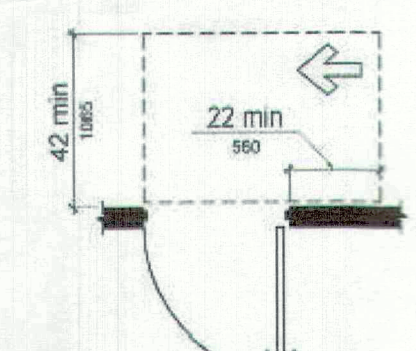
(g) hinge approach, push side, door provided with both closer and latch



(d) hinge approach, pull side



(f) latch approach, pull side, door provided with closer



(f) hinge approach, push side

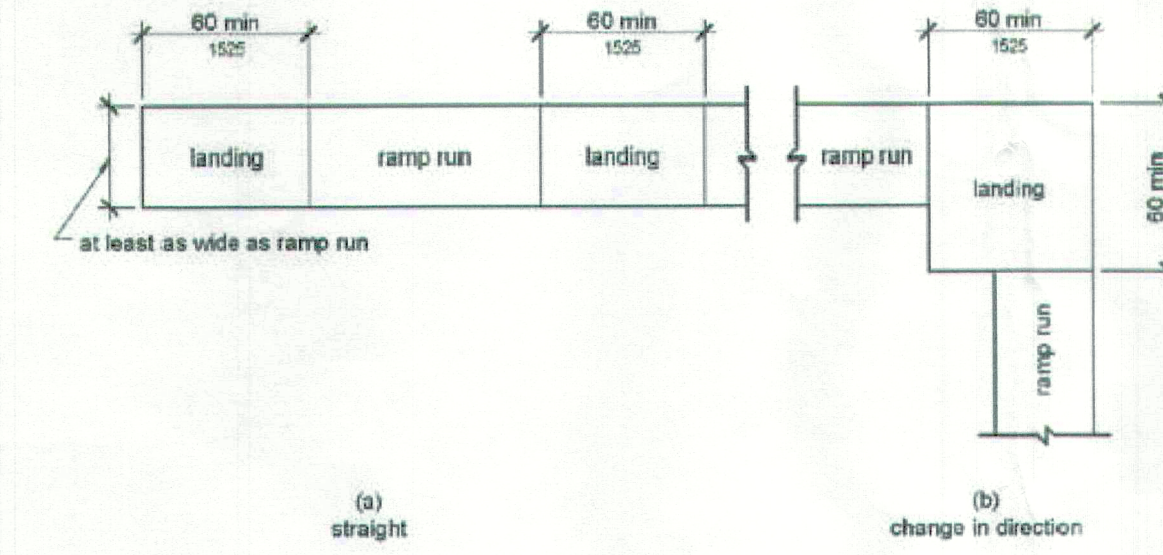


Figure 405.7
Ramp Landings

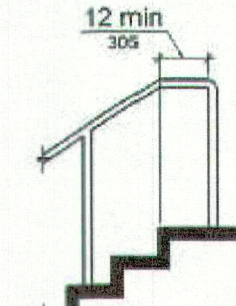


Figure 505.10.2
Top Handrail Extension at Stairs

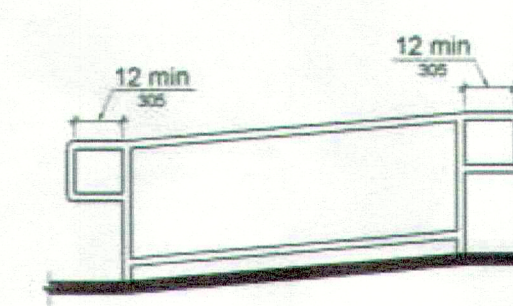


Figure 505.10.1
Top and Bottom Handrail Extension at Ramps

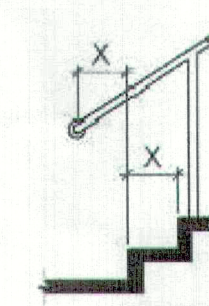


Figure 505.10.3
Bottom Handrail Extension at Stairs

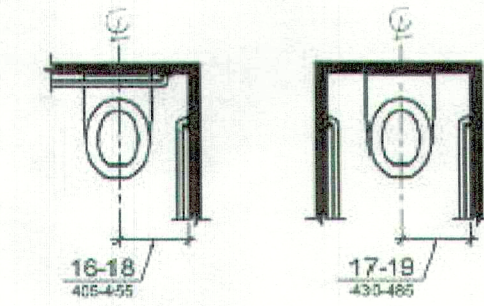


Figure 604.2
Water Closet Location

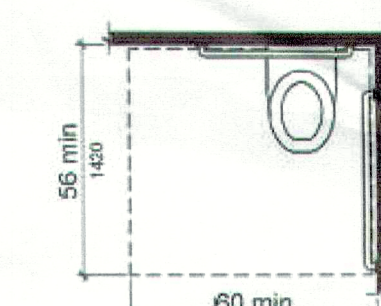


Figure 604.3.1
Size of Clearance at Water Closets

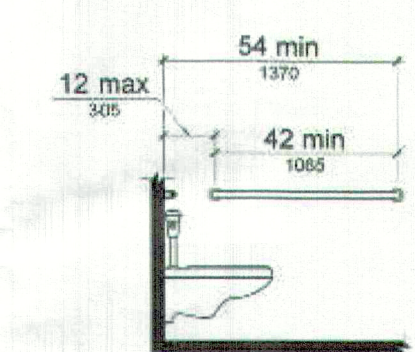


Figure 604.5.1
Side Wall Grab Bar at Water Closets

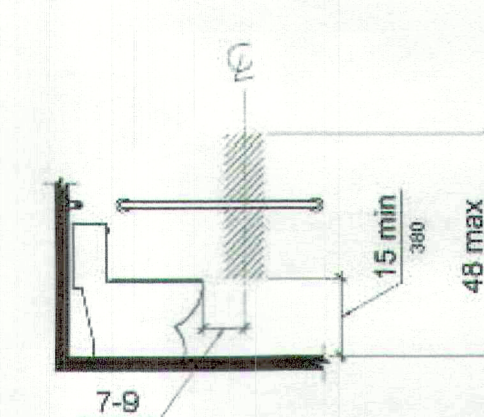


Figure 604.7
Dispenser Outlet Location

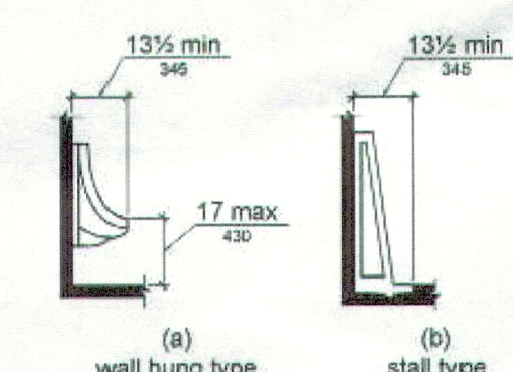


Figure 605.2
Height and Depth of Urinals

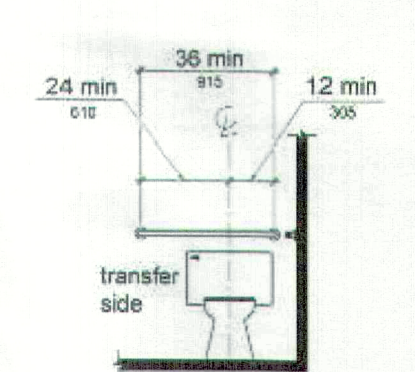


Figure 604.5.2
Rear Wall Grab Bar at Water Closets

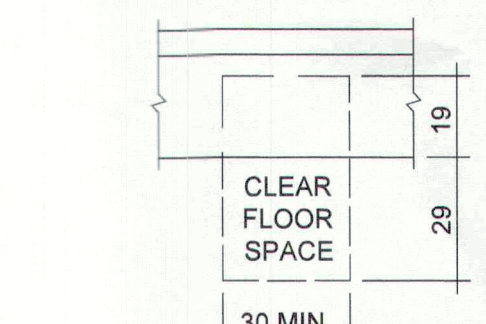
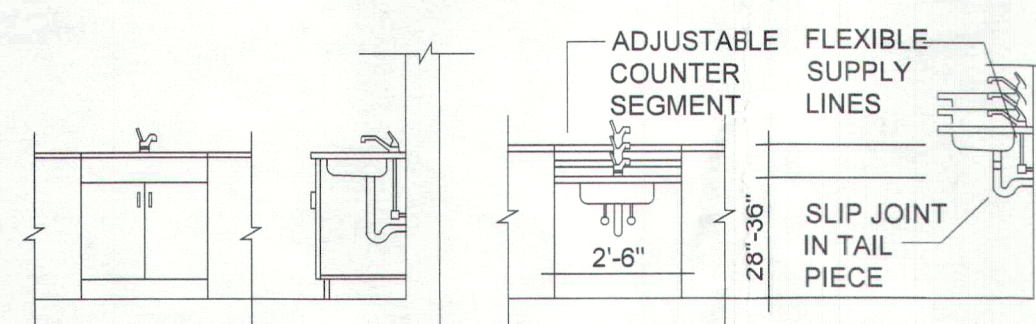
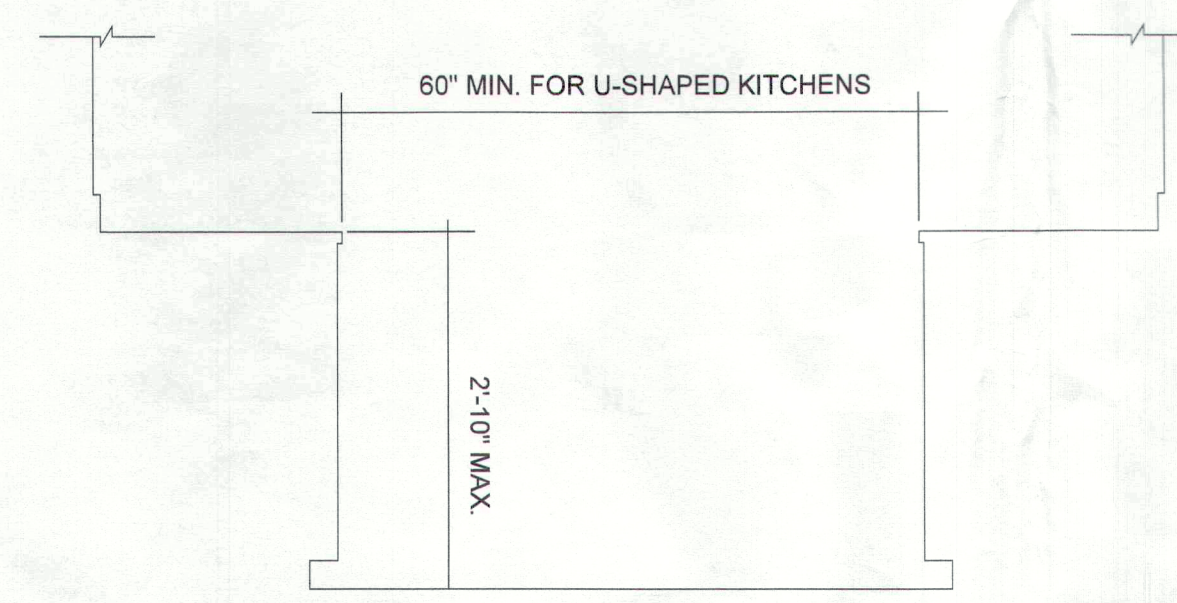


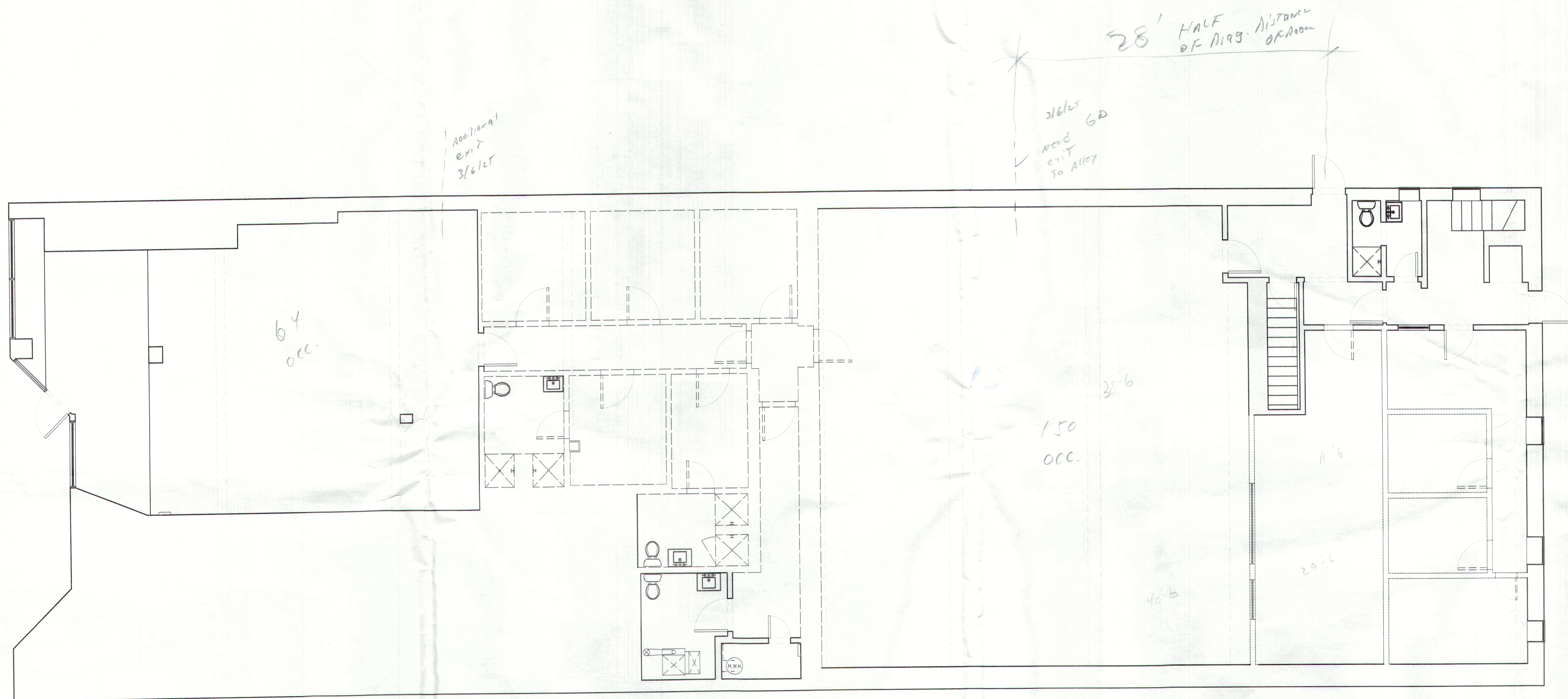
FIG. 50
COUNTER WORK SURFACE
(c) Clear Floor Space under Work Surface



(A) BEFORE REMOVAL OF CABINETS AND BASE
(B) CABINETS AND BASE REMOVED AND HEIGHT ALTERNATIVES
ADAPTABLE KITCHEN SINK

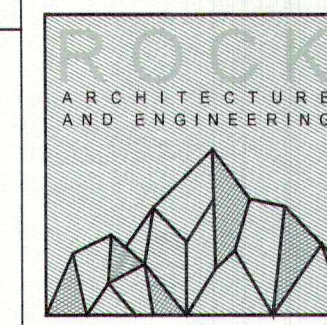


TYPICAL ADAPTABLE KITCHEN WORK SURFACE SECTION



- DRAWING LEGEND**
- EXISTING PARTITION TO BE REMOVED
 - EXISTING WALL/PARTITION TO REMAIN
 - EXISTING CEILING ABOVE
 - NEW PARTITION - SEE TAG AND DETAILS
 - NEW RATED PARTITION - SEE TAG AND DETAILS
 - NEW LOAD BEARING PARTITION
 - NEW PROPOSED DOOR

NOTE:
SCOPE OF WORK ONLY INCLUDES THE FOLLOWING:
DEMOLITION AND INSTALLATION OF NEW PARTITION WALLS,
RELOCATION & REPLACEMENT OF NEW AND EXISTING PLUMBING FIXTURES,
ALL FURNACES AND COMBUSTION AIR INTAKES ARE EXISTING TO REMAIN
AND NOT INCLUDED IN THE SCOPE OF WORK.
EXISTING BUILDING HAS NO SPRINKLER SYSTEM.

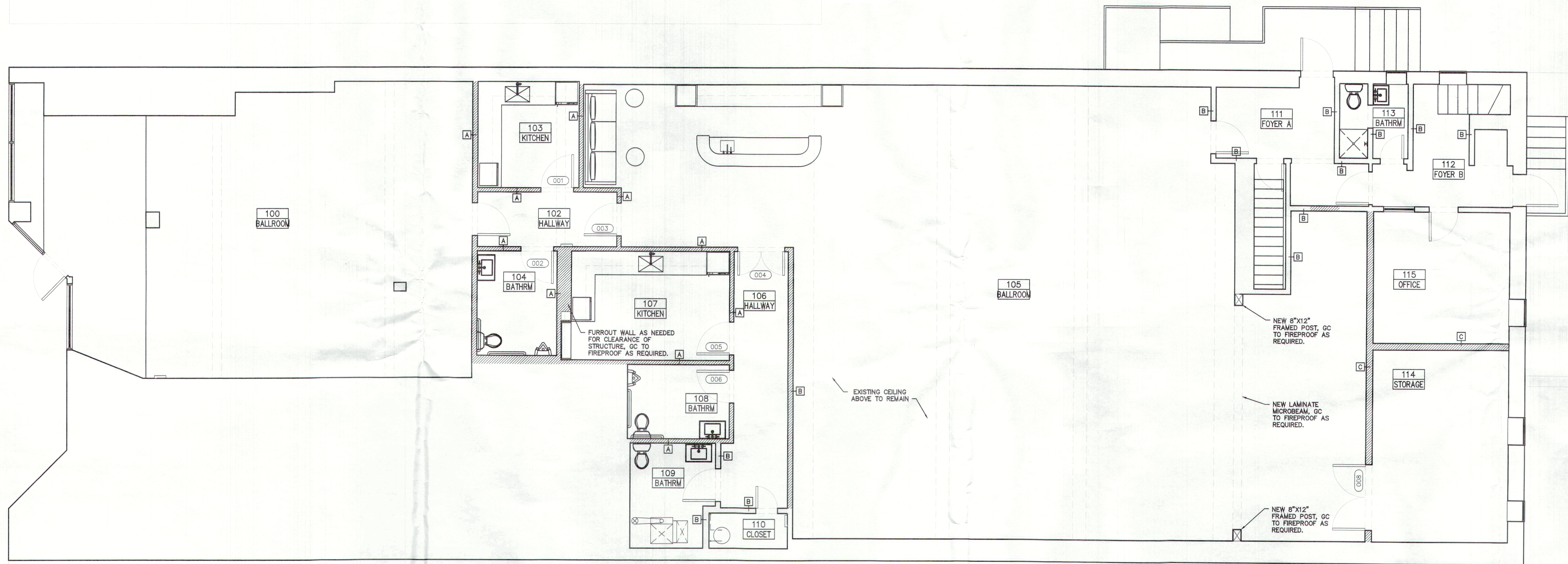


546 BLOOMFIELD AVENUE
INTERIOR RENOVATION
THE ANDREWS ORGANIZATION
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NEW YORK, NY, 10012

FOR APPROVAL

SEAL AND SIGNATURE

[Handwritten Signature]

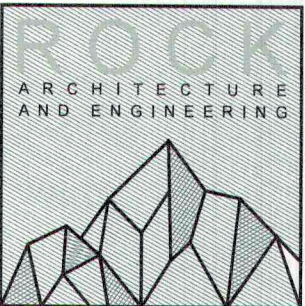


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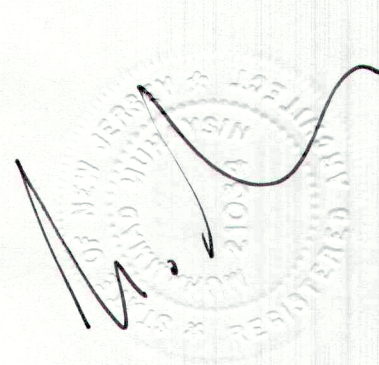
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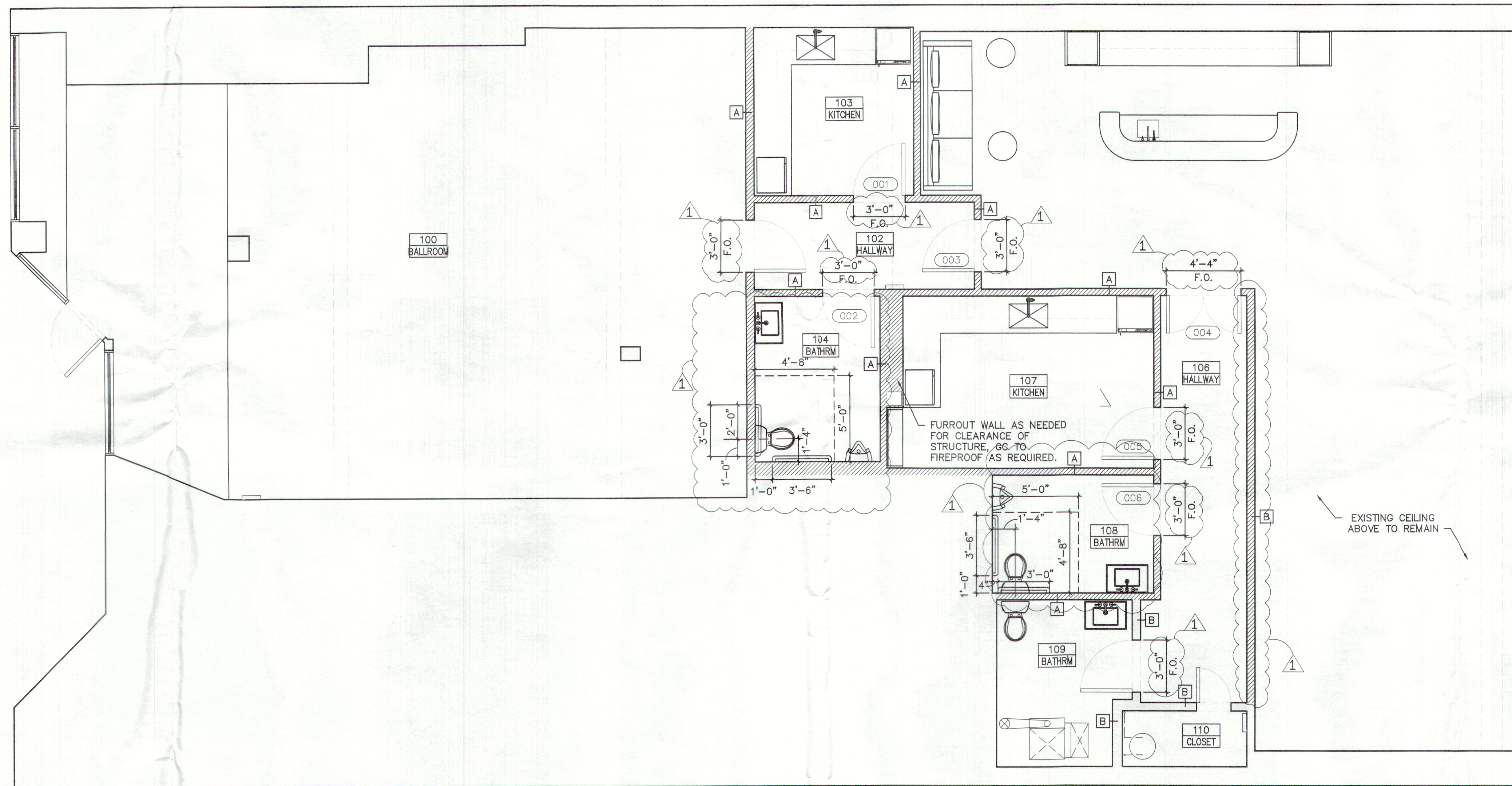


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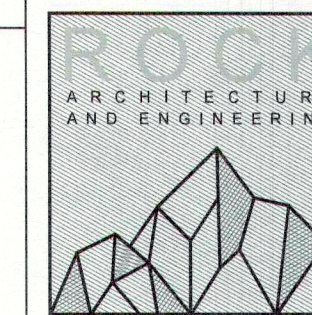


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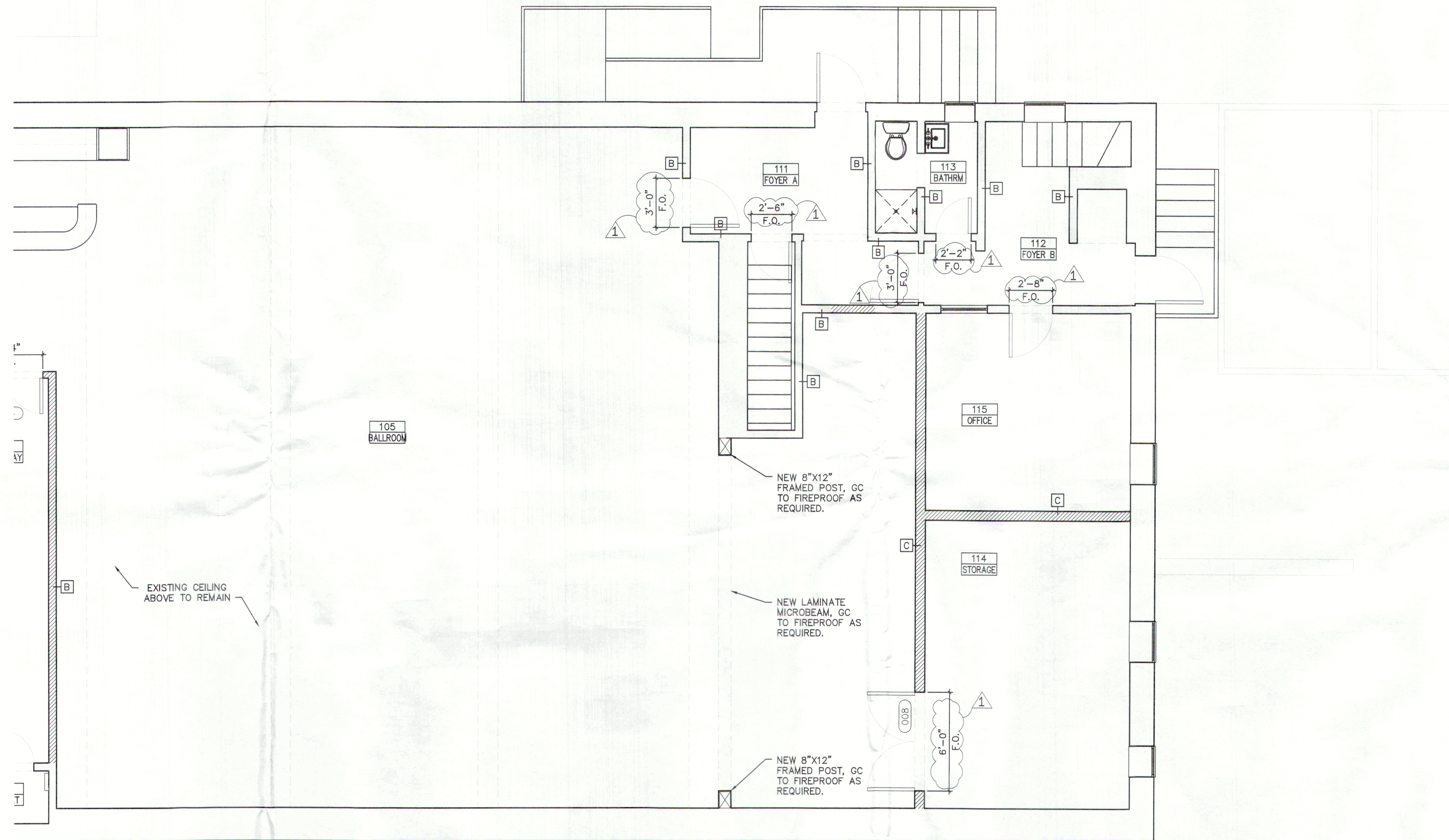


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SAL AND SIGNATURE

Handwritten signature and a circular professional seal.

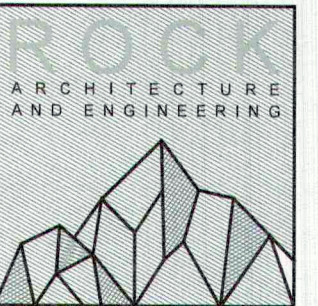


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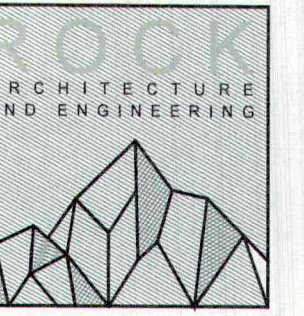


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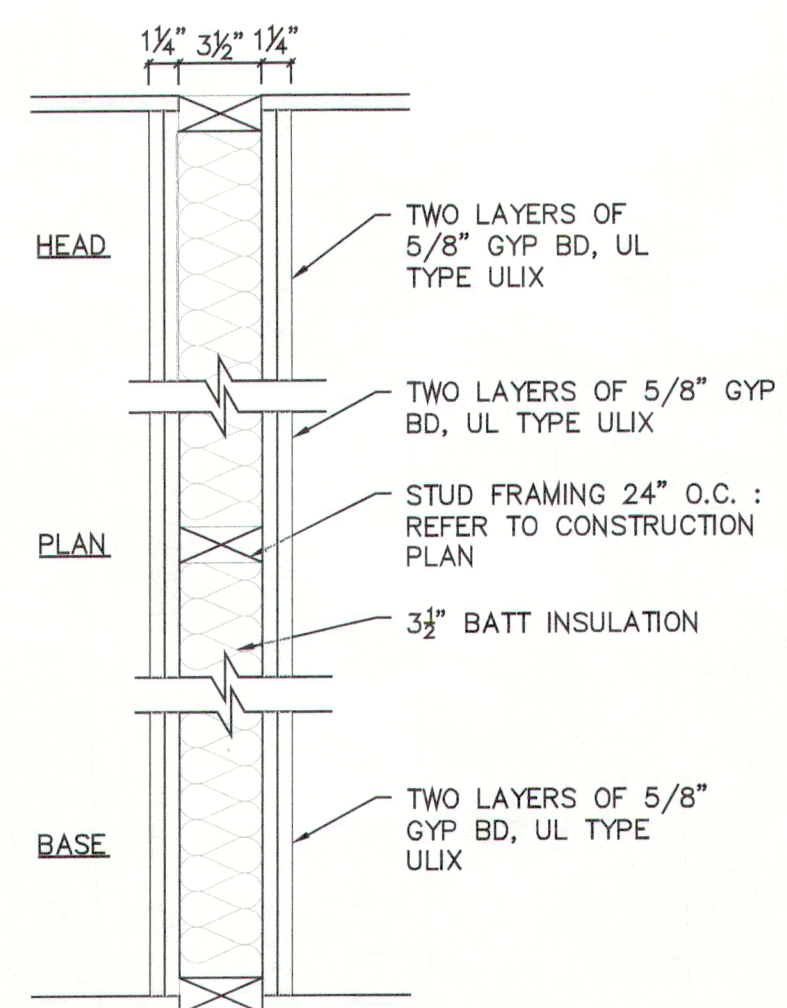


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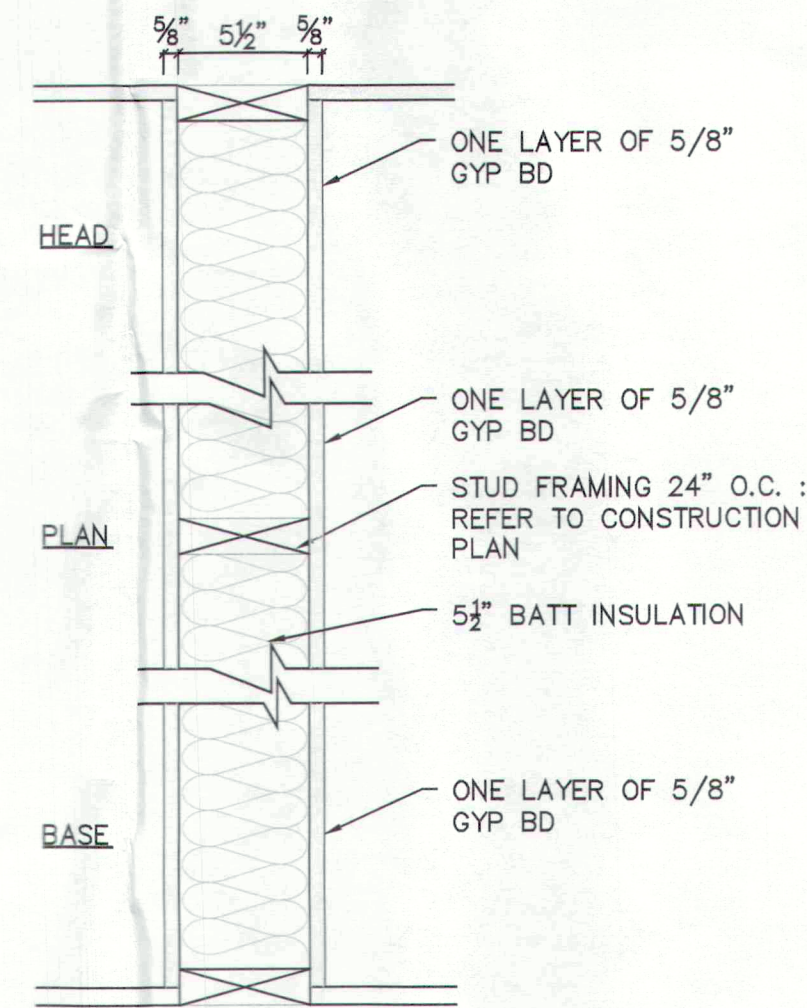
DOB APPROVAL

SEAL AND SIGNATURE

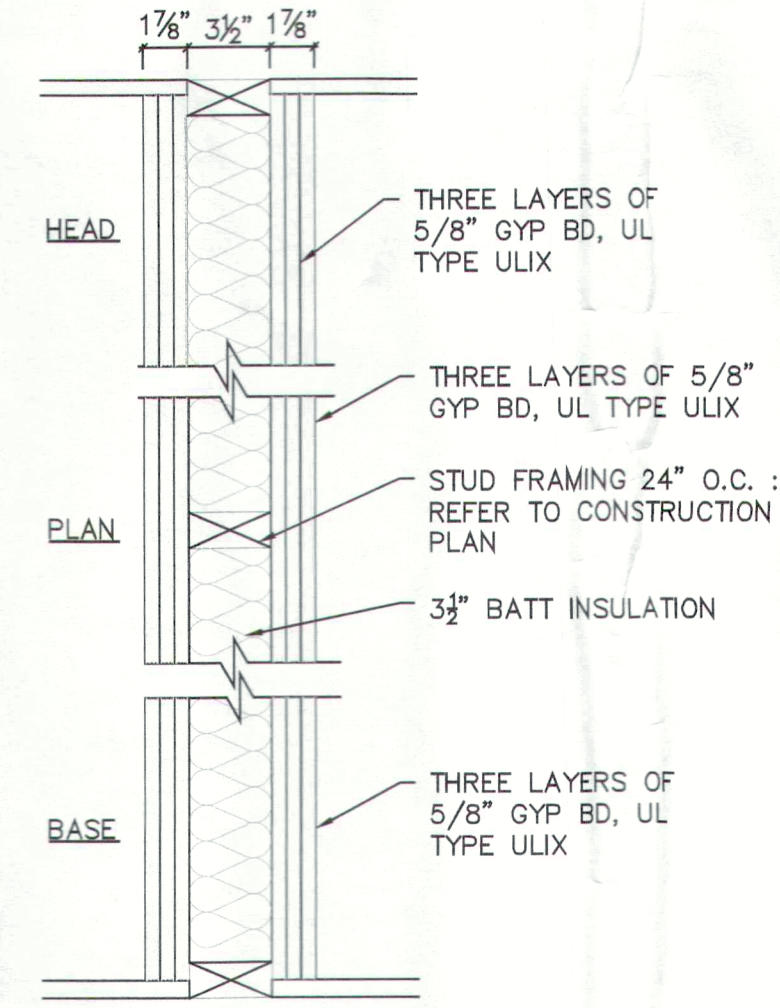
[Signature]



1 TYPE A - 2 HR FIRE RATED WALL SECTION
1 1/2" = 1'-0"



2 TYPE B - 1 HR FIRE RATED WALL SECTION
1 1/2" = 1'-0"



3 TYPE C - 3 HR FIRE RATED WALL SECTION
1 1/2" = 1'-0"

LIGHTING & POWER INSTALLATION
544 BLOOMFIELD AVENUE

VERONA

NEW JERSEY 07044

GENERAL NOTES

- 1. ALL WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE ELECTRICAL CODE OF THE STATE OF NEW JERSEY. THE COST OF ANY CHANGES IN EQUIPMENT OR THE INSTALLATION OF ANY EQUIPMENT TO MEET THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID SUBMITTED.
- 2. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS APPLIANCES, SUPERINTENDENCE, AND SERVICES REQUIRED TO CONSTRUCT, INSTALL, COMPLETE AND OPERATE THE ELECTRICAL SYSTEMS AS INDICATED ON THESE DRAWINGS.
- 3. THE ENTIRE SYSTEM OF CONDUITS, OUTLETS BOXES, LIGHTS, ETC., SHALL BE GROUNDED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THE LATEST REVISION OF THE ELECTRICAL CODE OF THE STATE OF NEW JERSEY PROVIDE EQUIPMENT GROUND CONDUCTORS IN CONDUITS FOR ALL POWER CIRCUITS.
- 4. INDIVIDUAL WIRING SHALL BE THWN/THHN, MINIMUM SIZE WIRE FOR POWER CIRCUITS SHALL BE NO. 12 AWG. MINIMUM SIZE WIRE FOR CONTROL CIRCUITS SHALL BE NO. 14 AWG. ALL NEW WIRING SHALL BE COPPER. USE #10 AWG. CONDUCTOR FOR 20A-120V BRANCH CIRCUIT HOME RUNS LONGER THAN 75 FEET.
- 5. INSTALL ALL ELECTRICAL DEVICES (PULLBOXES, JUNCTION BOXES, FITTINGS, ETC.) IN SUCH A MANNER AS TO PROVIDE FOR READY ACCESSIBILITY FOR OPERATING, SERVICE MAINTENANCE AND REPAIR.
- 6. ALL PANELBOARDS SHALL HAVE DIRECTORIES ACCURATELY SHOWING THE ASSIGNED CIRCUITRY RESULTING FROM THIS INSTALLATION, FURNISHED BY THE ELECTRICAL CONTRACTOR.
- 7. PLUG ALL UNUSED HUBS AND KNOCK-OUTS ON PANEL ENCLOSURES, JUNCTION BOXES AND OTHER DEVICES.
- 8. MINIMUM CONDUIT SHALL BE SIZE 3/4 INCH FOR POWER.
- 9. CONDUIT RUNS SHALL BE DETERMINED IN FIELD TO PREVENT INTERFERENCE WITH AIR DUCTS, PIPING OR OTHER SERVICES. CONDUITS SHALL BE SUPPORTED FROM BUILDING STRUCTURE, NOT DUCTS, PIPES, ETC.
- 10. NEW CONDUIT & CABLES SHALL BE AS FOLLOWS:
 - a. RIGID GALV. STEEL CONDUIT - OUTDOORS & WET INTERIOR LOCATIONS
 - b. EMT - INDOORS DRY LOCATIONS
 - c. FLEXIBLE LIQUID-TIGHT CONDUIT - OUTDOOR MOTOR CONNECTORS
 - d. FLEXIBLE METAL CONDUIT - INDOOR MOTOR CONNECTIONS
 - e. MC CABLE W/90°C RATED WIRING - FOR DEVICE CIRCUITS RUN CONCEALED IN WALLS AND CEILING.
- 11. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHOW THE APPROXIMATE LOCATIONS OF THE WORK TO BE INSTALLED. THE DESIGN/ BUILDER RESERVES THE RIGHT TO MAKE ANY REASONABLE CHANGES IN THE LOCATIONS INDICATED WITHOUT EXTRA COST.
- 12. ALL DEVICES SHALL BE FLUSH MOUNTED IN FINISHED AREAS AND SURFACE MOUNTED IN UNFINISHED AREAS UNLESS OTHERWISE NOTED ON PLAN. CONDUIT & WIRING TO BE RUN EXPOSED THROUGHOUT UNFINISHED AREA AND CONCEALED IN FINISHED AREAS, WHEREVER POSSIBLE.
- 13. ALL POWER DEVICES SHALL BE LABELED WITH BRANCH CIRCUIT DESIGNATION INCLUDING PANEL AND CIRCUIT NUMBER. ALL POWER CIRCUITS SHALL CONTAIN EQUIPMENT GROUND CONNECTORS.
- 14. ALL WORK SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND ALL TRADES RELATED TO THE INSTALLATION OF THIS PROJECT.
- 15. SITE VISIT AND COORDINATION
 - a. THIS CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND LIMITATIONS UNDER WHICH THIS WORK IS TO BE PERFORMED BY VISITING THE SITE PRIOR TO SUBMITTING BID.
 - b. FAILURE TO EXAMINE THE EXISTING CONDITIONS AND LIMITATIONS SHALL NOT BE CONSIDERED A BASIS FOR THE GRANTING OF ADDITIONAL COMPENSATION.
 - c. THIS CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND SPECIFICATIONS RELATING TO THE WORK OF OTHER TRADES AND BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK REQUIRED IN ITS RELATION TO ALL WORK IN THE PROJECT.
 - d. THIS CONTRACTOR SHALL COORDINATE AND SCHEDULE HIS WORK ACCORDINGLY WITH ALL OTHER TRADES AND SHALL ADVISE THE OWNER'S REPRESENTATIVE IN WRITING OF ANY CONFLICTS OR DISCREPANCIES IN THE CONTRACT DOCUMENTS PRIOR TO BID AND INSTALLATION. FAILURE TO DO SO ON THE PART OF THIS CONTRACTOR SHALL RESULT IN ALL COSTS BEING BORNE BY THIS CONTRACTOR TO CORRECT SAID DISCREPANCIES.

- 16. QUALITY ASSURANCE
 - a. ALL WORK PERFORMED AND ALL MATERIAL INSTALLED UNDER THIS CONTRACT SHALL BE IN STRICT ACCORDANCE WITH THE GOVERNING CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - (a) ELECTRIC CODE OF THE STATE OF NEW JERSEY
 - (b) UNDERWRITERS LABORATORY
 - (c) SAFETY AND HEALTH ACT (OSHA)
 - (d) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
 - (e) LOCAL CODES
- 17. SUBMITTALS
 - a. SUBMIT 3 SETS OF SHOP DRAWINGS OR CATALOG CUTS BEFORE PURCHASE AND INSTALLATION FOR THE FOLLOWING MATERIALS:
 - (a) CONDUIT
 - (b) CABLES
 - (c) WIRES
 - (d) SAFETY SWITCHES
 - (e) CIRCUIT BREAKERS
 - (f) TOGGLE SWITCHES
- 18. GUARANTEES
 - a. GUARANTEES SHALL BE PROVIDED BY THE CONTRACTOR FOR ALL LABOR AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL COMPLETION AND ACCEPTANCE OF HIS WORK BY THE OWNER. THE GUARANTEE SHALL INCLUDE AN AGREEMENT TO REPAIR AND MAKE GOOD AT THE CONTRACTOR'S EXPENSE ANY OF ALL DEFECTS WHICH MAY APPEAR IN HIS WORK OR MATERIALS.
- 19. SAFETY
 - a. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY ON THE JOB AND FOR PROVIDING AND MAINTAINING GUARDS, BARRIERS, SIGNS, AND WHATEVER SERVICES ARE REQUIRED FOR THE PROTECTION AND SAFETY OF PERSONS AND PROPERTY.
- 20. PERMITS
 - a. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL REQUIRED FEES AND OBTAINING ALL NECESSARY PERMITS, ETC. FROM LOCAL AUTHORITIES HAVING JURISDICTION IN ORDER TO PROCEED WITH THE ELECTRICAL WORK HEREIN SPECIFIED.
- 21. INSPECTION
 - a. BEFORE THE FINAL ACCEPTANCE BY THE OWNER OF THE ELECTRICAL WORK HEREIN SPECIFIED, THE CONTRACTOR MUST OBTAIN THE FINAL CERTIFICATE OF INSPECTION FOR THIS WORK FROM THE LOCAL AUTHORITIES HAVING JURISDICTION.
- 22. TEMPORARY LIGHT & POWER
 - a. ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY LIGHT & POWER IF REQUIRED DURING THE CONSTRUCTION PERIOD. PROVIDE SUFFICIENT TEMPORARY LIGHTING TO ENSURE PROPER LIGHTING CONDITIONS FOR ADEQUATE WORKMANSHIP AND SAFETY CAPABILITY. PROVIDE SUFFICIENT TEMPORARY POWER TO ALLOW ALL TRADES TO USE STANDARD 120VAC HAND TOOLS. REMOVE ALL TEMPORARY LIGHT AND POWER DEVICES AS REQUIRED AFTER CONSTRUCTION PERIOD.
- 23. MECHANICAL EQUIPMENT CONNECTIONS
 - a. ALL MOTORS, AC UNITS, HEATERS, ETC. ARE TO BE FURNISHED AND INSTALLED UNDER OTHER SECTIONS OF THE SPECIFICATION U.O.N. THIS CONTRACTOR SHALL FURNISH & INSTALL POWER AND 120V CONTROL WIRING TO ALL MECHANICAL EQUIPMENT. THE POWER SUPPLY LEADS TO THE MOTOR FROM CONTROLLER SHALL BE THE SAME SIZE AS THE FEEDS INDICATED ON THE DRAWINGS.
 - b. THIS CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS BETWEEN MOTORS AND STARTERS AND LEAVE UNITS AND EQUIPMENT READY TO OPERATE.
 - c. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.
 - d. LOW VOLTAGE CONTROL WIRING BY MECHANICAL CONTRACTOR.

EXISTING PANEL - NEW CIRCUIT									
PANEL	REB	VOLT	120/208	PH.	3	MAINS	225A	MISC	M.L.O.
						WIRE	4	MTG	SURFACE
DESCRIPTION	LOAD	TRIP	GR						
	WATTS	SIZE	NO.						
LIGHTING	400	20A	1						
LIGHTING	200	20A	5						
LIGHTING	200	20A	6						
LIGHTING	200	20A	7						
LIGHTING	200	20A	8						
EMERGENCY LIGHTS	150	20A	11						
EMERGENCY LIGHTS	150	20A	13						
OUTLETS	540	20A	15						
OUTLETS	540	20A	17						
OUTLETS	540	20A	19						
OUTLETS	540	20A	21						
OUTLETS	540	20A	23						
OUTLETS	540	20A	25						
OUTLETS	540	20A	27						
OUTLETS	540	20A	29						
OUTLETS	540	20A	31						
OUTLETS	540	20A	33						
OUTLETS	540	20A	35						
OUTLETS	540	20A	37						
OUTLETS	360	20A	39						
OUTLETS	360	20A	41						
TOTAL LOAD WATTS: 8.5 KW									
* EXISTING CIRCUIT TO BE RELOCATED									

DEMOLITION NOTES

- 1. EXISTING ELECTRICAL ITEMS NOT INDICATED ON THE DRAWING SHALL REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAINTAIN ELECTRICAL CONTINUITY TO ANY AREA OUTSIDE OF THE AREA OF DEMOLITION THAT IS AFFECTED BY THE DEMOLITION.
- 2. EXISTING ELECTRICAL ITEMS WHICH ARE TO BE REMOVED, SHALL HAVE WIRING AND CONDUIT REMOVED BACK TO POWER SOURCE UNLESS OTHERWISE INDICATED.
- 3. EXISTING ELECTRICAL ITEMS THAT BEING DISCONNECTED AND REMOVED AND ARE NOT BEING REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED.
- 4. DEMOLITION NOTES SHALL APPLY TO ALL AREA OF ELECTRIC WORK. ALL ALTERATIONS CANNOT BE COMPLETELY DETAILED ON THE DRAWINGS. REMOVE, RELOCATE OR ADJUST ELECTRICAL WIRING, CONDUIT AND EQUIPMENT AS INDICATED AND/OR REQUIRED.
- 5. DEACTIVATED CIRCUITS IN EXISTING PANELS TO BE LABELED AS SPARE.
- 6. ANY EXISTING EQUIPMENT DAMAGED DURING DEMOLITION SHALL BE REPAIRED AND/OR RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION AND APPROVAL OF THE ENGINEER.
- 7. AT THE COMPLETION OF WORK, ALL RUBBISH, DEBRIS AND WASTE MATERIALS SHALL BE REMOVED BY THE CONTRACTOR AND THE PREMISES SHALL BE LEFT IN CLEAN CONDITION.
- 8. COORDINATE ALL DEMOLITION WORK WITH MECHANICAL CONTRACTOR.

EQUIPMENT SPECIFICATIONS

- 1. SLEEVES
 - 1. EACH SLEEVE SHALL BE OF A DIAMETER THAT WILL PROVIDE 1/2" CLEARANCE OR CAULKING SPACE BETWEEN THE CONDUIT AND THE SLEEVES. SLEEVES THROUGH ELECTRICAL ROOM WALLS AND CEILINGS SHALL BE CAULKED AIRTIGHT AND WATERTIGHT. THE CONTRACTOR SHALL CAULK EACH SLEEVE TIGHT WITH OAKUM OR JUTE WITH A TWO INCH MINIMUM SPACE ON EACH EXPOSED END, WHICH SHALL BE COMPLETELY FILLED WITH THICKOL CAULKING COMPOUND. SLEEVES THROUGH FIRE RESISTANT WALLS AND CEILINGS (RATED TWO HOURS OR MORE) SHALL BE COMPLETELY PACKED WITH MINERAL WOOL, OR EQUIVALENT NON-COMBUSTIBLE MATERIAL AND SHALL BE CLOSED OFF BY CLOSE-FITTING METAL ESCUTCHEONS ON BOTH SIDES OF THE CONSTRUCTION.
- 2. CONNECTORS FOR WIRE AND CABLE
 - i. WIRE AND CABLE CONNECTORS SHALL BE SOLDERLESS, MECHANICAL, SOLID COPPER OR COPPER ALLOY TYPES. CONNECTORS FOR CONDUCTORS #8 AWG AND SMALLER SHALL BE BUCHANAN ELECTRICAL PRODUCTS COPPER SQUEEZE-ON TYPE WITH MOLDED RUBBER OR VINYL CAP, MINNESOTA MINING AN MANUFACTURING COMPANY "SCOTCHLOCK", OR IDEAL INDUSTRIES "SUPER NUT" SPRING CONNECTOR WITH MOLDED VINYL CAP. CONNECTORS FOR CONDUCTORS LARGER THAN #8 AWG SHALL BE MECHANICAL BOLTED TYPE. INSULATED WITH CLAMP-ON MOLDED COVERS. THE MANUFACTURER SHALL BE O.Z. ELECTRICAL MANUFACTURING COMPANY OR BURNDY ENGINEERING COMPANY.
- 3. EQUIPMENT IDENTIFICATION AND LABELS
 - i. ALL ELECTRICAL EQUIPMENT, SUCH AS PANELS, AND ALL OTHER SIMILAR ITEMS WHICH ARE FURNISHED UNDER THIS HEADING OF THE SPECIFICATIONS SHALL BE ADEQUATELY IDENTIFIED WITH ENGRAVED LAMINATED PLASTIC NAMEPLATE HAVING BLACK BACKGROUNDS AND WHITE LETTERS. WORDING ON THE NAMEPLATES SHALL CLEARLY INDICATE THE NAMES AND FUNCTIONS OF THE EQUIPMENT. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL, FIVE COPIES OF A LIST OF ALL EQUIPMENT TO BE IDENTIFIED TOGETHER WITH THE WORDING TO BE USED ON THE NAMEPLATE.
 - ii. THE TYPES OF NAMEPLATES AND THE CHARACTER OF LETTERS SHALL NOT BE LESS THAN 2 1/2" X 3 3/4" X 1/8" THICK WITH BEVELED EDGES, AS MANUFACTURED BY THE SETON NAMEPLATE COMPANY, NEW HAVEN, CONNECTICUT, OR AS APPROVED.
 - iii. ALL FEEDERS SHALL BE TAGGED WITH APPROVED TYPE STENCILED METAL TAGS IN ALL PANELS AND PULL BOXES THROUGH WHICH THEY ARE ROUTED. THIS TAGGING SHALL INCLUDE FEEDER NUMBER, PANEL SOURCE, CIRCUIT NUMBER, FEEDER SIZE AND EQUIPMENT SUPPLIED.
- 4. PULL BOXES AND TROUGHS
 - i. PULL BOXES AND TROUGHS WITH COVERS SHALL BE FABRICATED FROM MINIMUM #12 USSG GALVANIZED SHEET STEEL WITH ALL SEAMS AND JOINTS WELDED AND GROUND SMOOTH. COVERS SHALL BE SECURED TO PULL BOXES WITH NICKEL OR CADMIUM PLATED, OVAL HEAD SCREWS PROVIDED WITH STOP BEAD WASHERS. TROUGHS SHALL HAVE HINGED COVERS AND SHALL BE HELD CLOSED WITH EXTERNAL CLAMPS. DIMENSIONS OF BOXES AND TROUGHS SHALL BE AS REQUIRED BY THE ARRANGEMENT OF CONDUITS, EQUIPMENT OR APPLICABLE CODE REQUIREMENTS.
 - ii. PULL BOXES AND TROUGHS SHALL BE FINISHED INSIDE AND OUTSIDE WITH A SHOP-APPLIED COAT OF ASA #61 LIGHT GRAY ENAMEL.
- 5. THE CONTRACTOR SHALL PROVIDE ALL PULL BOXES REQUIRED TO PULL WIRES IN CONDUIT RUNS WHETHER INDICATED ON THE DRAWINGS OR NOT. BOXES AND TROUGHS USING CONCENTRIC OR ACENTRIC KNOCKOUTS SHALL BE GROUNDED TO THE INCOMING CONDUITS BY MEANS OF GROUNDING FITTINGS AND BONDING JUMPERS. OZ TYPE BLG INSULATED GROUNDING BUSHINGS, AS SPECIFIED ELSEWHERE, SHALL BE USED. BONDING JUMPERS SHALL BE COPPER AND AT LEAST MINIMUM CODE SIZE. A GROUND LUG SHALL BE WELDED INSIDE EACH BOX AND TROUGH.
- 6. OUTLET AND JUNCTION BOXES
 - i. RECESSED CEILING FIXTURE OUTLETS SHALL BE 4 11/16" SQUARE SHEET METAL BOX WITH BLANK COVER AND SUITABLE HANGER BAR; BOX TO BE FASTENED TO CEILING SUSPENSION MEMBERS IN AN APPROVED MANNER, NOT LESS THAN 1'-0" FROM FIXTURE OPENING.
 - ii. EXTENSION RINGS FOR FLUSH OUTLETS SHALL BE GALVANIZED, DRAWN SHEET STEEL 4" OCTAGONAL OR SQUARE, 4 11/16" SQUARE RINGS TO SUIT FLUSH OUTLETS, 1 1/2" DEEP OR DEEPER WHERE NECESSARY.
 - iii. EXPOSED (SURFACE MOUNTED) WALL OUTLETS FOR USE OUTDOORS, WET INTERIOR LOCATIONS AND AIR CONDITIONING MACHINE ROOMS SHALL MALLEABLE IRON OR ALLOY BOXES OF THE FS OR FD "UNILET" TYPE, SINGLE OR MULTI-GANG AS REQUIRED, WITH HUBS FOR THREADLESS CONNECTION TO RIGID CONDUIT. BOXES SHALL BE TREATED OVERALL WITH A CORROSION-RESISTANT COATING OF CADMIUM OR ZINC.
 - iv. EXPOSED (SURFACE MOUNTED) WALL OUTLETS FOR USE IN DRY INTERIOR LOCATIONS SHALL BE 4" SQUARE X 1 1/2" STAMPED STEEL GALVANIZED BOXES, SINGLE OR MULTI-GANG AS REQUIRED.
 - v. EXPOSED CONDUIT (SURFACE MOUNTED) CEILING OUTLETS SHALL BE ROUND MALLEABLE IRON OR ALLOY BOXES WITH THREADED HUBS FOR CONDUIT CONNECTIONS, TREATED OVERALL WITH A CORROSION RESISTANT COATING OF CADMIUM OR ZINC. BOXES SHALL BE CROUSE-HINDS COMPANY TYPE GRFX OR APPLE TON WITH FOUR (4) CONDUIT HUBS. UNUSED HUBS SHALL BE CLOSED WITH THREADED PLUGS. JUNCTION BOXES SHALL BE PROVIDED WITH BLANK COVERS.
- 7. MISCELLANEOUS MATERIALS
 - i. PIPE STRAPS FOR EXPOSED CONDUIT SHALL BE HEAVY DUTY CADMIUM OR ZINC COATED, ONE SCREW, MALLEABLE RIGID CONDUIT CLAMPS, COMPLETE WITH BACKSTRAPS (CLAMP BACKS), APPELTON ELECTRIC COMPANY # 17100 AND 27100 LINE.
 - ii. CONDUIT HANGERS FOR SINGLE RUNS OF CONDUIT SHALL BE ONE-PIECE, ELECTRO-GALVANIZED, STRAP STEEL CLEVIS TYPE HANGERS, STEEL CITY ELECTRIC COMPANY'S KINDORF C-149 LINE.
 - iii. CONDUIT RACKS FOR GROUP RUNS OF CONDUIT SHALL BE STRUCTURAL STEEL MEMBERS OF GALVANIZED CHANNEL, ANGLE OR BAR SECTION AND OF ADEQUATE SIZE AND WEIGHT FOR THE APPLICATION. APPROVED PATENTED RACK ASSEMBLIES SUCH AS "UNISTRUT", EFCOR OR STEEL CITY ELECTRIC COMPANY'S KINDORF DEVICES MAY BE USED IN LIEU OF STRUCTURAL STEEL SECTIONS.
 - iv. HANGER RODS SHALL BE GALVANIZED OR CADMIUM PLATED THREADED STEEL RODS OF ADEQUATE SIZE TO SUPPORT THE LOAD WHICH THEY CARRY. MINIMUM DIAMETER SHALL BE 1/2".
 - v. INSERTS IN CONCRETE WIRE SHALL BE EXPANSION ANCHORS WITH TAPPED STEEL OR BRASS CORE NUTS SET IN DRILLED HOLES. PIERCE PHILLIPS HEAD HEAD, STAR OR ACKERMAN-JOHNSON EXPANSION NUTS WILL BE ACCEPTABLE.
- 8. SAFETY SWITCHES
 - i. 2 OR 3 POLE AS INDICATED ON DRAWING 240V AC, FUSED OR NON-FUSED AS INDICATED ON THE DWGS. HEAVY DUTY NEMA 1 ENCLOSURE INDOORS, NEMA 3 ENCLOSURE OUTDOORS. AMPERE RATING AS INDICATED ON DRAWINGS. ACCEPTABLE MANUFACTURERS: SQUARE 'D', GENERAL ELECTRIC, ITE.
- 9. TOGGLE SWITCHES
 - i. TOGGLE TYPE SAFETY SWITCHES FOR INDOOR A/C UNITS.
 - ii. 2 POLE, 20 AMP, 120-277V SPECIFICATION GRADE. ACCEPTABLE MANUFACTURERS: HUBBEL LEVITON, GE.
- 10. CIRCUIT BREAKERS
 - i. NEW CIRCUIT BREAKER SHALL BE SIZED AS INDICATED ON THE DRAWING AND MATCH EXISTING CIRCUIT BREAKERS.

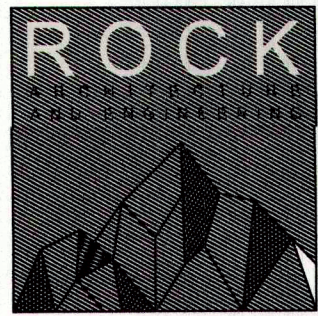
SYMBOL	SERVES	FIXTURE DESCRIPTION MANUFACT. CATALOG #	LAMP DESIGNATION	LAMP QTY	REMARKS
	SEE PLANS	2 FT. X 2 FT. 5800 LUMENS INTEGRATED LED FLAT PANEL LIGHT, 5000K DAYLIGHT 110-VOLT, 277-VOLT, FCC RATED CLASS B DRIVER DIMMABLE FROM 0% TO 100% WITH A 0-VOLT TO 10-VOLT LED DIMMER SWITCH	LED	1	45 WATT
	SEE PLANS	CLARUS 7-LIGHT CHROME GLAM EMPIRE CHANDELIER WITH CLEAR GLASS HANGING CRYSTALS, 22 IN. DIA X 27 IN. H COMPATIBLE WITH A DIMMER SWITCH AND RIGHT TYPE OF BULBS.	LED	7	8 WATT/LAMP
	SEE PLANS	6 IN. WHITE RECESSED CEILING LIGHT BAFFLE AND TRIM RING	LED	1	8 WATT/LAMP
	SEE PLANS	COMBO STEEL HOUSING, NYC 8" RED LED EXIT SIGN WITH 2-2W LAMP HEADS OR EQUIVALENT EQUAL	LED	1	4-WATT

SYMBOL LIST

- WIRING AND CONDUIT, HALF ARROW INDICATES A SINGLE-POLE HOMERUN
- WIRING AND CONDUIT, FULL ARROW INDICATES A MULTI-POLE HOMERUN
- PANELBOARD
- UNFUSED DISCONNECT SWITCH, RATINGS AS INDICATED ON DRAWINGS 3R - INDICATES NEMA 3R ENCLOSURE FOR OUTDOOR
- CONTROL PANEL W/ MOTOR STARTERS
- TOGGLE TYPE LOCAL DISCONNECT SWITCH 'M' INDICATES OCCUPANCY SENSOR
- PEDESTAL DUPLEX OUTLET, 1PHASE, 120V IN A HUBBLE BOX CATALOG NUMBER: SS309D
- DUPLEX THREE WIRE GROUNDED RECEPTACLE SUBSCRIPT 'WP' INDICATES WEATHER PROOF 'GFI' INDICATES GROUND FAULT INTERRUPTER 'C' INDICATES COUNTER HEIGHT

ABBREVIATIONS

- C. CONDUIT
- C.B. CIRCUIT BREAKER
- CKT. CIRCUIT
- C.P. CONTROL PANEL/MOTOR STARTER
- DIST. DISTRIBUTION
- DWG. DRAWING
- E.C. EMPTY CONDUIT
- G. GROUND
- MT'D MOUNTED
- N.T.S. NOT TO SCALE
- PWR. POWER
- RM. ROOM
- SW. SWITCH
- U.O.N. UNLESS OTHERWISE NOTED
- UNF. UNFUSED
- WP. WEATHERPROOF



546 BLOOMFIELD AVENUE
INTERIOR RENOVATION
THE ANDREWS ORGANIZATION
666 BROADWAY, 12TH FLOOR
NEW YORK, NY, 10012

FOR APPROVAL

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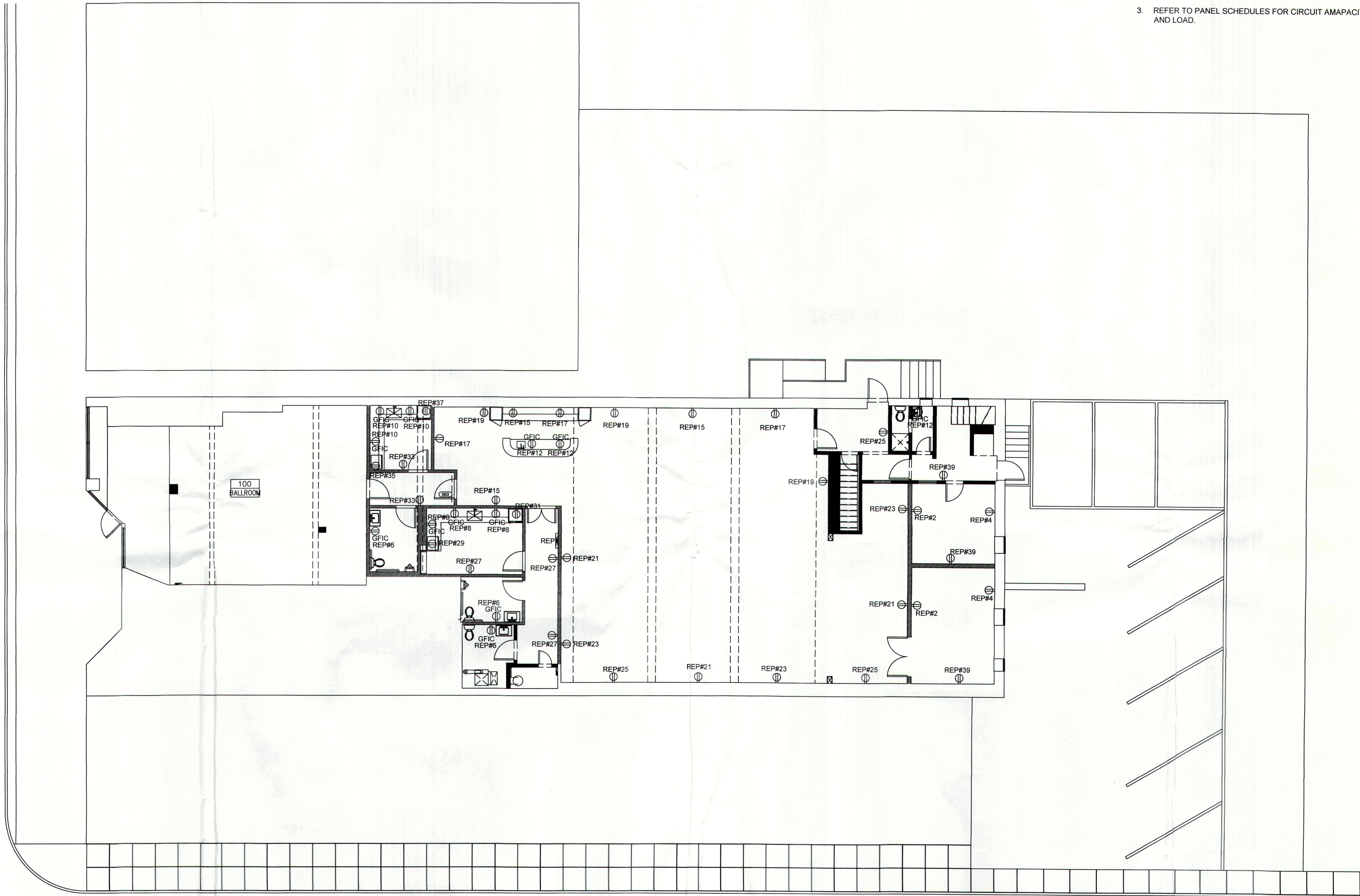
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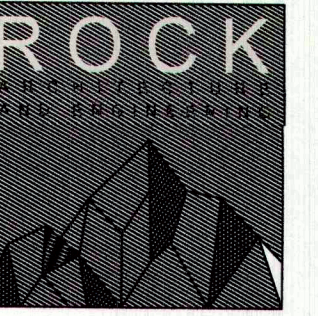
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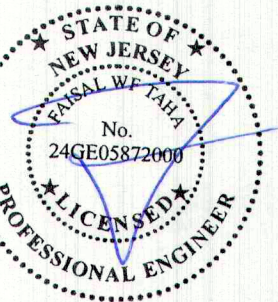
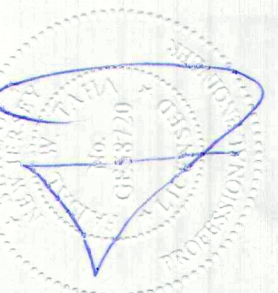
1. FOR ALL CIRCUIT, RUN 2#12, 1#12G, IN 3/4" C OR EQUIVALENT MC CABLE TO FEED OUTLET CIRCUITS UNLESS OTHERWISE NOTED.
2. FOR RUNS OVER 200 FEET, RUN 2#10, 1#10G, IN 3/4" C OR EQUIVALENT MC CABLE TO FEED OUTLET CIRCUITS.
3. REFER TO PANEL SCHEDULES FOR CIRCUIT AMPACITY AND LOAD.



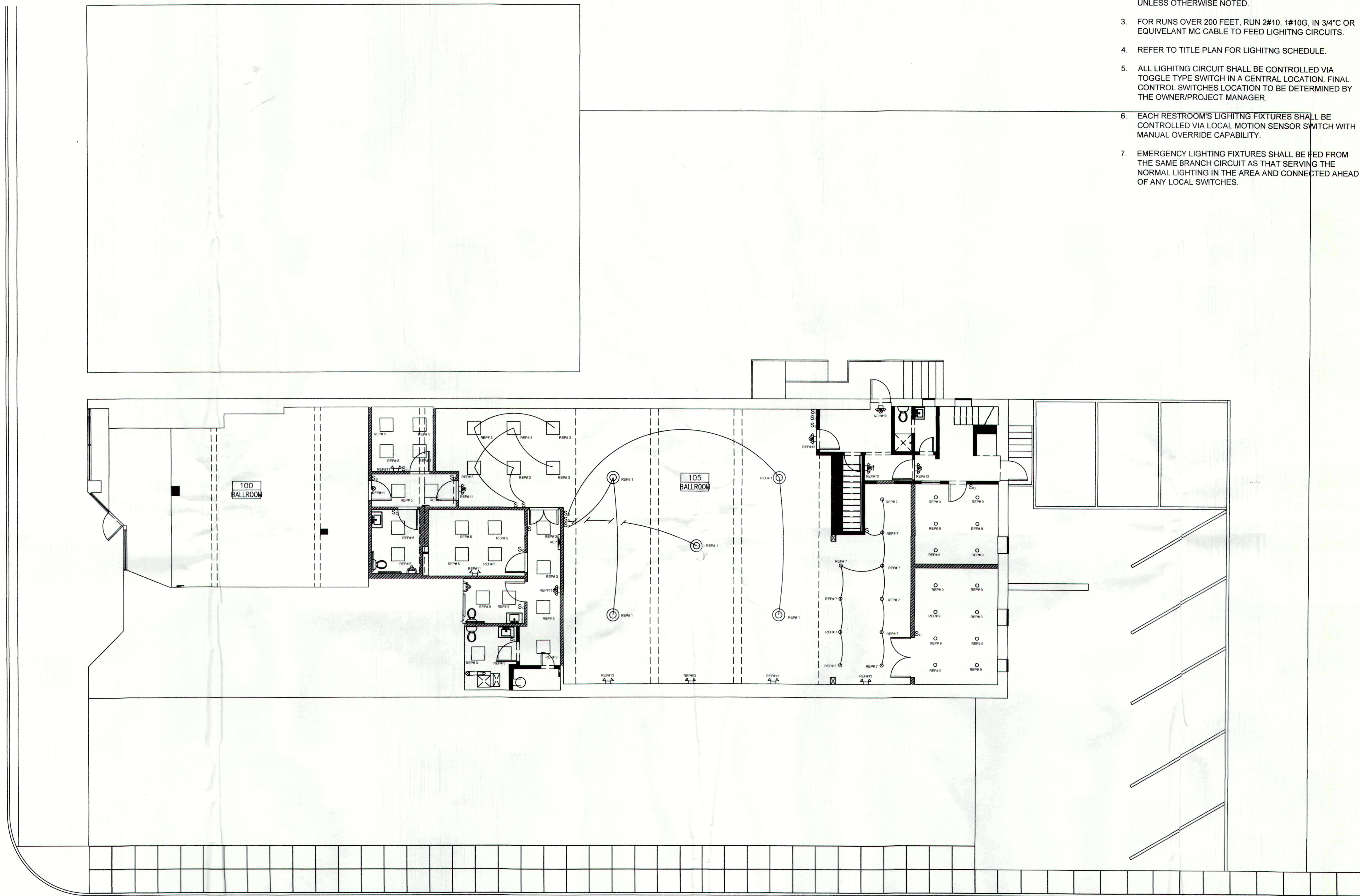
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SEAL AND SIGNATURE



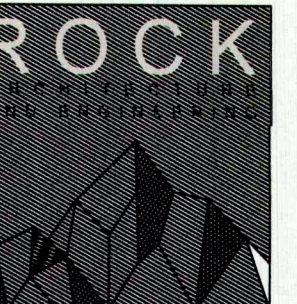
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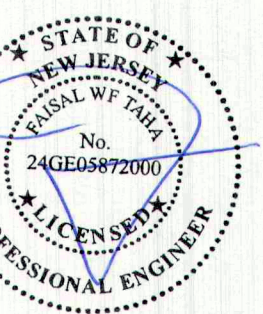
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHTING FIXTURES EXACT LOCATION.
2. FOR ALL LIGHTING CIRCUIT, RUN 2#12, 1#12G, IN 3/4" OR EQUIVELANT MC CABLE TO FEED LIGHTING CIRCUITS UNLESS OTHERWISE NOTED.
3. FOR RUNS OVER 200 FEET, RUN 2#10, 1#10G, IN 3/4" OR EQUIVELANT MC CABLE TO FEED LIGHTING CIRCUITS.
4. REFER TO TITLE PLAN FOR LIGHTING SCHEDULE.
5. ALL LIGHTING CIRCUIT SHALL BE CONTROLLED VIA TOGGLE TYPE SWITCH IN A CENTRAL LOCATION. FINAL CONTROL SWITCHES LOCATION TO BE DETERMINED BY THE OWNER/PROJECT MANAGER.
6. EACH RESTROOM'S LIGHTING FIXTURES SHALL BE CONTROLLED VIA LOCAL MOTION SENSOR SWITCH WITH MANUAL OVERRIDE CAPABILITY.
7. EMERGENCY LIGHTING FIXTURES SHALL BE FED FROM THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.



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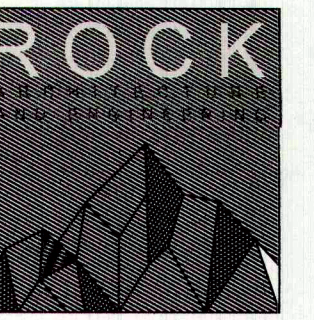


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VERONA

HVAC SYSTEM AT 546 BLOOMFIELD AVENUE

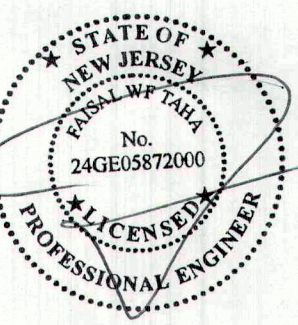
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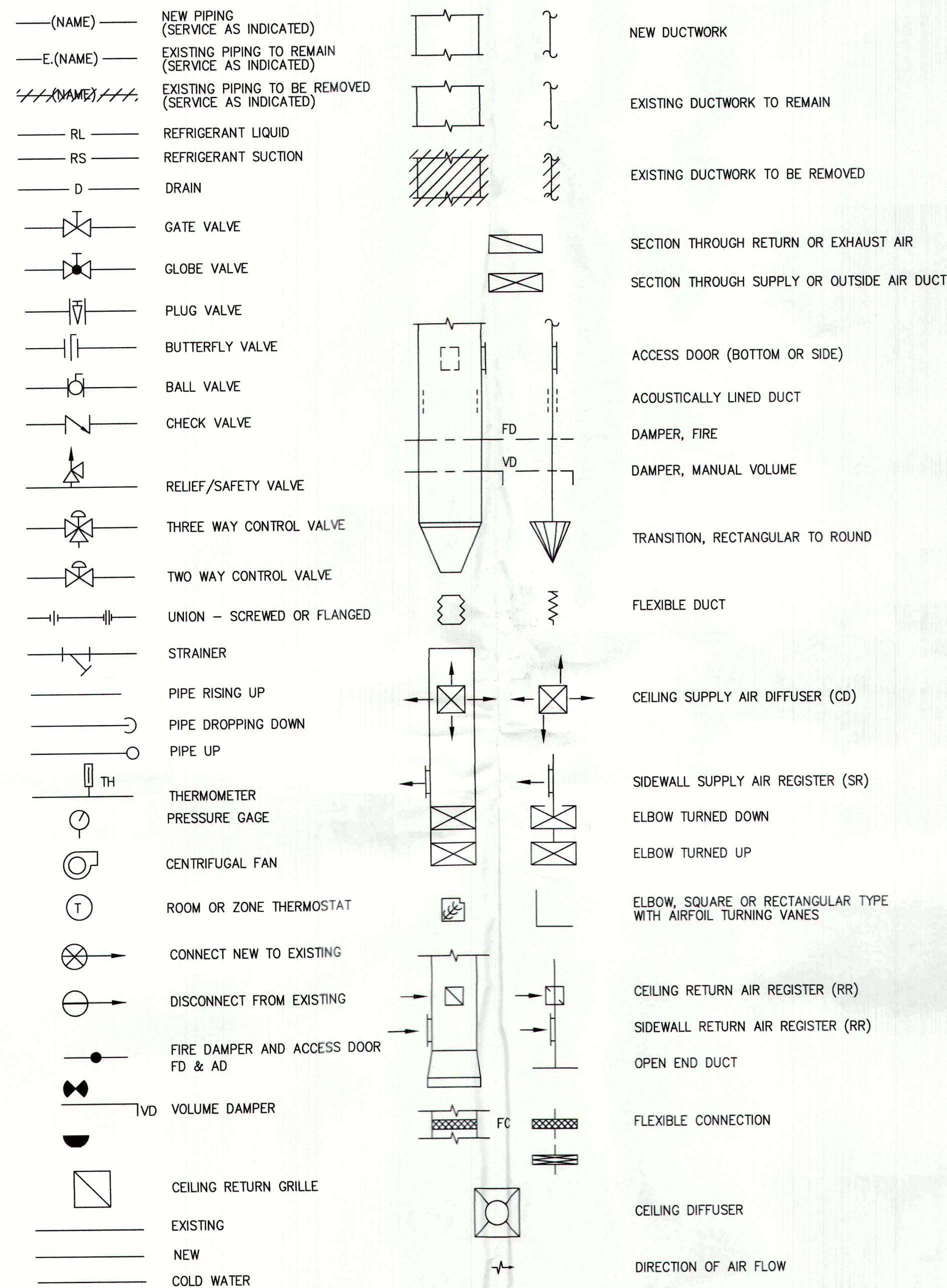
546 BLOOMFIELD AVENUE
INTERIOR RENOVATION
THE ANDREWS ORGANIZATION
666 BROADWAY, 12TH FLOOR
NEW YORK, NY, 10012

DOB APPROVAL

REAL AND SIGNATURE



MECHANICAL SYMBOLS



MECHANICAL ABBREVIATIONS

AC	AIR CONDITIONING UNIT	FD	FIRE DAMPER	RAG	RETURN AIR GRILLE
ACCU	AIR COOLED CONDENSING UNIT	GPM	GALLONS PER MINUTE	RAR	RETURN AIR REGISTER
AD	ACCESS DOOR	HP	HEAT PUMP	RCP	REFLECTED CEILING PLAN
AFF	ABOVE FINISHED FLOOR	HWR	HEATING HOT WATER RETURN	RF	RETURN FAN
AH	AIR HANDLER (SPLIT REFRIG)	HWS	HEATING HOT WATER SUPPLY	RG	RETURN GRILLE
AHU	AIR HANDLING UNIT	HZ	HERTZ	SA	SUPPLY AIR
AL	ACOUSTICAL LINING	LAT	LEAVING AIR TEMPERATURE	SAR	SUPPLY AIR REGISTER
BDD	BACK DRAFT DAMPER	LD	LINEAR DIFFUSER	SD	SMOKE DAMPER
CD	CEILING DIFFUSER	MOD	MOTOR OPERATED DAMPER	SF	SUPPLY FAN
CFM	CUBIC FEET PER MINUTE	MUA	MAKE-UP AIR UNIT	SP	STATIC PRESSURE
CUH	CABINET UNIT HEATER	NC	NORMALLY CLOSED	TG	TRANSFER GRILLE
DB	DRY BULB	NO	NORMALLY OPEN	TYP	TYPICAL
EAT	ENTERING AIR TEMPERATURE	NIC	NOT IN CONTRACT	UH	UNIT HEATER
EF	EXHAUST FAN	NK	NECK	UON	UNLESS OTHERWISE NOTED
ER	EXHAUST REGISTER	OA	OUTSIDE AIR	VAV	VARIABLE AIR VOLUME UNIT
ESP	EXTERNAL STATIC PRESSURE	OAI	OUTSIDE AIR INTAKE	VD	VOLUME DAMPER
FC	FLEXIBLE CONNECTION	OAT	OUTSIDE AIR TEMPERATURE	WB	WET BULB
FCU	FAN COIL UNIT	OBD	OPPOSED BLADE DAMPER	WMS	WIRE MESH SCREEN
		RA	RETURN AIR		

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT

TENANT SAFETY NOTES:

CONSTRUCTION DOCUMENTS FOR ALTERATIONS OF BUILDING IN WHICH ANY DWELLING UNIT WILL BE OCCUPIED DURING CONSTRUCTION SHALL INCLUDE A TENANT PROTECTION PLAN.

SUCH PLAN SHALL CONTAIN A STATEMENT THAT THE BUILDING CONTAINS DWELLING UNITS THAT WILL BE OCCUPIED DURING CONSTRUCTION AND SHALL INDICATE IN SUFFICIENT DETAIL THE SPECIFIC UNITS THAT ARE OR MAY BE OCCUPIED DURING CONSTRUCTION, THE MEANS AND METHODS TO BE EMPLOYED TO SAFEGUARD THE SAFETY AND HEALTH OF THE OCCUPANTS, INCLUDING, WHERE APPLICABLE, DETAILS SUCH AS TEMPORARY FIRE-RATED ASSEMBLIES, OPENING PROTECTIVES, OR DUST CONTAINMENT PROCEDURES. THE ELEMENTS OF THE TENANT PROTECTION PLAN MAY VARY DEPENDING ON THE NATURE AND SCOPE OF WORK BUT AT A MINIMUM SHALL MAKE DETAILED AND SPECIFIC PROVISIONS FOR:

1. EGRESS.

AT ALL TIMES IN THE COURSE OF CONSTRUCTION PROVISION SHALL BE MADE FOR ADEQUATE EGRESS AS REQUIRED BY THIS CODE AND THE TENANT PROTECTION PLAN SHALL IDENTIFY THE EGRESS THAT WILL BE PROVIDED. REQUIRED EGRESS SHALL NOT BE OBSTRUCTED AT ANY TIME EXCEPT WHERE APPROVED BY THE COMMISSIONER.

2. FIRE SAFETY.

ALL NECESSARY LAWS AND CONTROLS, INCLUDING THOSE WITH RESPECT TO OCCUPIED DWELLINGS, AS WELL AS ADDITIONAL SAFETY MEASURES NECESSITATE BY THE CONSTRUCTION SHALL BE STRICTLY OBSERVED.

3. HEALTH REQUIREMENTS.

SPECIFICATION OF METHODS TO BE USED FOR CONTROL OF DUST, DISPOSAL OF CONSTRUCTION DEBRIS, PEST CONTROL AND MAINTENANCE OF SANITARY FACILITIES, AND LIMITATION OF NOISE TO ACCEPTABLE LEVELS SHALL BE INCLUDED.

3.1 THERE SHALL BE INCLUDED A STATEMENT OF COMPLIANCE WITH APPLICABLE PROVISIONS OF LAW RELATING TO LEAD AND ASBESTOS.

4. STRUCTURAL SAFETY.

NO STRUCTURAL WORK SHALL BE DONE THAT MAY ENDANGER THE OCCUPANTS.

5. NOISE RESTRICTIONS.

WHERE HOURS OF THE DAY OR THE DAYS OF THE WEEK IN WHICH CONSTRUCTION WORK MAY BE UNDERTAKEN ARE LIMITED PURSUANT TO THE CITY AND STATE HAVING JURISDICTION.

NJDOB MECHANICAL CODE

GENERAL NOTES

- TEMPERATURE REQUIREMENTS AS PER MECHANICAL CODE (MC) 309.1 & SECTION 1204 IN NJ BUILDING CODE.
- VENTILATION OF TOILET ROOMS ACCORDING TO SECTION MC 403.3
- NOISE CONTROL OF EXTERIOR MECHANICAL EQUIPMENT AS PERTINENT TO MC 926 & LOCAL LAW 113.
- CONSTRUCTION OF DUCTS FOR VENTILATING AS PER MC 603.
- MATERIAL AND THICKNESS OF DUCTS AS PER MC 603, TABLE 603.4
- DUCT COVERING AND LINING AS PER MC 604.3 FLAME SPREAD RATING NOT OVER 25 AND SMOKE DEVELOPED RATING NOT OVER 50.
- FIRE DAMPERS WILL BE PROVIDED - AS PER MC 607 & SECTION 712 OF NJ BUILDING CODE.
- CONSTRUCTION OF FIRE DAMPERS AS PER MC 513.10
- ALL MECHANICAL PLANS WILL COMPLY WITH NJ BUILDING CODE CHAPTERS: 12, 13, 27, AND 28; AND MECHANICAL CODE CHAPTERS: 3, 4, 5, 10, AND 11
- ALL ELECTRICAL WIRING AS PER THE NEC 2008, CH.2 & CH. 3
- THE OWNER IS AWARE OF THE REQUIREMENTS INDICATED IN ARTICLE 118 OF THE ADMINISTRATIVE PROVISIONS IN THE 2008 NJ BUILDING CODE FOR OBTAINING A CERTIFICATE OF OCCUPANCY.
- FIRE STOPPING OF DUCTS, PIPES AND CONDUITS THROUGH RATED CONSTRUCTION AS PER NJ BUILDING CODE 712.3
- SPECIAL INSPECTION SHALL BE PERFORMED AS REQUIRED IN ARTICLE 115 AND ARTICLE 116 OF THE ADMINISTRATIVE PROVISION IN THE 2008 NJ BUILDING CODE AS WELL AS BC 109 AND BC 1704.15
- OPERATION AND MAINTENANCE REQUIREMENTS OUTLINES IN CH. 3 OF THE ADMINISTRATIVE PROVISIONS OF THE 2008 NJ BUILDING CODE
- ITEMS OF CONSTRUCTION REQUIRING CONTROLLED INSPECTION SHALL HAVE ALL NECESSARY FORMS FILED PRIOR TO START OF SAID WORK AND PRIOR TO OBTAINING A CERTIFICATE OF OCCUPANCY.
- INSULATION AND CLEARANCES FOR ALL PIPING CONTAINING STEAM, HOT WATER OR OTHER FLUID AS PER MC 1204.
- ALL REFRIGERANT PIPING SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 11, SECTION 1107 (NJ MC).
- THE CONTRACTOR UPON THE COMPLETION OF WORK RELATING TO REFRIGERATION INSTALLATION (AND AS REQUIRED), SHALL PREPARE A CERTIFICATE OF TEST IN ACCORDANCE WITH NJ MC SECTION 1108.4.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS IN THE FIELD.
- PROVIDE ACCESS DOORS IN ALL PLENUMS AND FOR MAINTAINING HVAC EQUIPMENT SUCH AS: AUTOMATIC DAMPERS, FIRE DAMPERS, FILTERS AND OTHER MISCELLANEOUS EQUIPMENT WHICH REQUIRES MAINTENANCE OR SERVICE.
- TESTING AND BALANCING SHALL BE PERFORMED AT COMPLETION OF WORK IN THE PRESENCE OF THE BUILDING ENGINEER.
- AC UNIT CONDENSATE LINES TO BE PUMPED TO NEAREST FLOOR DRAIN.
- STEAM LINE LOW POINTS TO BE DRIPPED & TRAPPED BE PROVIDED WITH AUTOMATIC AIR VENTS.
- CHILLED WATER, HOT WATER AND CONDENSER WATER HIGH POINTS TO BE PROVIDED WITH AUTOMATIC AIR VENTS.
- ALL DUCTWORK, PIPING, AND CONDUIT RUNS SHALL BE COORDINATED WITH ALL TRADES. CONTRACTORS SHALL ADVISE OF ANY CONFLICTS OR INTERFERENCE'S PRIOR TO INSTALLATION.

IMC 2018 TABLE 403.3.1.1 MINIMUM VENTILATION REQUIRED

OCCUPANCY CLASSIFICATION	OCCUPANT DENSITY (#/1000 SQ. FT.)	PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE R _p CFM / PERSON	AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE R _a CFM / SQ. FT.	EXHAUST AIRFLOW RATE CFM / SQ. FT.
MULTIPURPOSE ASSEMBLY	120	6	0.06	-

- OCCUPANT DENSITY IS 50 PEOPLE FOR MULTIPURPOSE ASSEMBLY SPACE OF 2,800 SQ. FT. (NET)

- BREATHING ZONE OUTDOOR AIRFLOW IS (50 PERSONS X 5 CFM/PERSON) + (2,800 SQ. FT. X 0.06 SQ. FT.) = 418 CFM

- REQUIRED OUTDOOR AIRFLOW IS 418 CFM / 0.8 (AIR DISTRIBUTION EFFECTIVENESS BASE ON CEILING SUPPLY OF WARM AIR AND CEILING RETURN) = 522.5 CFM

- PROVIDED OUTSIDE AIRFLOW IS 525 CFM > 522.5 CFM REQUIRED.

NOTE:

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

NO CHANGE IN USE EGRESS OR OCCUPANCY

RECEIVED
BUILDING DEPARTMENT
DEC 4 2023

As per N.J. U.G.C. Reg. 5:23-2.16(e), reviewed plans approved by the Building Dept. must be kept at the building site for inspection of the construction official or the construction official's authorized representative at all reasonable times.

Unit Number

Date Permit Issued

Project/Qualification Code

provided:	Date	Reviewer
Construction Official		
Building		
Electrical		
Plumbing	12/1/23	PC
Fire Protection		

DOB SUBMISSION

PLOT PLAN, NOTES, SYMBOLS AND ABBREVIATIONS

DATE: 10/26/2023

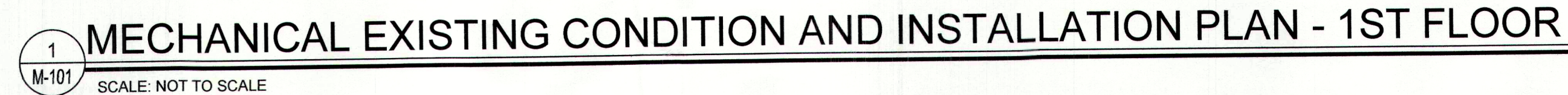
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ROCK PROJECT NUMBER: 24GE05872000

DOB JOB NUMBER: 24GE05872000

SHEET NUMBER: M-100.00

PAGE NUMBER: 1 OF 9



NUMBER 2

