

MONTE NIDO - ROCKLAND

290 PHILLIPS HILL ROAD
NEW CITY, NY 10956

CODE SUMMARY

NAME OF PROJECT: MONTE NIDO - ROCKLAND
ADDRESS: 290 PHILLIPS HILL ROAD
NEW CITY, NY 10956
PROPOSED USE: R-4, RESIDENTIAL CONDITION 1
OWNER: MONTE NIDO & AFFILIATES
CODE ENFORCEMENT: ROCKLAND COUNTY, NY
CATEGORY: ALTERATIONS, LEVEL 3
PROJECT SCOPE:

THE WORK EXTENDS TO AN ADDITION AND LEVEL 3 ALTERATIONS FOR THE CHANGE OF USE FROM A SINGLE-FAMILY RESIDENCE TO A 14-BED GROUP HOME FOR THE TREATMENT OF EATING DISORDERS. THE NEW USE WILL BE R-4 RESIDENTIAL, CONDITION 1. MANY OF THE ALTERATIONS INCLUDE REVISIONS TO MAKE THE HOME MORE ACCESSIBLE AND MEET THE NEEDS OF PROGRAM REQUIREMENTS. THE ENTIRE BUILDING WILL BE PROVIDED WITH A 13D SPRINKLER SYSTEM COMPLYING WITH NFPA 101. THE FIRST FLOOR WILL BE MADE ACCESSIBLE BY THE INSTALLATION OF A RAMP TO THE PRIMARY ENTRANCE INTO THE BUILDING. ALL PRIMARY FUNCTIONS FOR THE FACILITY ARE ACCOMMODATED ON THE FIRST FLOOR ALONG AN ACCESSIBLE ROUTE. AN ACCESSIBLE BEDROOM AND IN-SUITE BATHROOM ARE INCLUDED ON THE FIRST FLOOR. THE EXISTING PRIMARY BEDROOM SUITE WILL BE CONVERTED TO A GROUP/MOVEMENT THERAPY ROOM, A NURSE OFFICE, A STAFF OFFICE, AND A STAFF TOILET ROOM. ANOTHER FIRST FLOOR BEDROOM WILL BE USED FOR A FAMILY THERAPY ROOM. AN EXISTING POWDER ROOM WILL BE RENOVATED TO PROVIDE AN ADA COMPLIANT TOILET ROOM. THE EXISTING DINING ROOM WILL BE ENCLOSED TO CREATE A LARGE OFFICE AND AN EXISTING BAR AREA WILL BE ENCLOSED AND USED AS AN INDIVIDUAL THERAPY ROOM. THE FLOOR OF THE CURRENT SUN ROOM WILL BE RAISED AND THE ROOM RENOVATED TO SERVE AS THE DINING ROOM. A BAR HEIGHT COUNTER AT THE KITCHEN ISLAND WILL BE LOWERED TO PROVIDE AN ACCESSIBLE WORK SURFACE FOR THE CLIENTS. ONE OF THE GARAGE BAYS WILL BE USED TO CREATE AN ACCESSIBLE LAUNDRY ROOM AND ALSO A FIRE PUMP ROOM. THE LOWER LEVEL (BASEMENT) IS CURRENTLY UNFINISHED AND WILL BE PARTIALLY FINISHED TO PROVIDE FOR A REDUNDANT GROUP/MOVEMENT THERAPY ROOM, THREE ADDITIONAL INDIVIDUAL THERAPY ROOMS, AN ADDITIONAL STAFF OFFICE SPACE, AND TWO TOILET ROOMS. THE REMAINDER OF THE SPACE WILL BE USED FOR STORAGE. THE LOWER LEVEL HAS AN ACCESSIBLE ENTRY/EXIT AT GRADE. SECOND FLOOR CHANGES INCLUDE BISECTING AN UPSTAIRS LIVING ROOM AND CONVERTING THE AREA TO TWO BEDROOMS. A LARGE BEDROOM SUITE WILL BE REORGANIZED AND A DORMER ADDITION WILL BE CONSTRUCTED TO ACCOMMODATE AN ADDITIONAL BEDROOM AND AN UPSTAIRS LAUNDRY. TWO EXISTING BEDROOMS WITH A JACK-AND-JILL BATHROOM WILL REMAIN AND AN ADDITIONAL BATHROOM WILL BE ADDED IN THE LARGE, OPEN SITTING AREA AT THE BALCONY.

BUILDING CODES & ORDINANCES

BUILDING CODE: 2020 BUILDING CODE OF NYS
PLUMBING CODE: 2020 EXISTING BUILDING CODE OF NYS
ELECTRICAL CODE: 2020 PLUMBING CODE OF NYS
MECHANICAL CODE: 2020 BUILDING CODE OF NYS, CHAPTER 27 (MUST COMPLY W/ EC 2008 & NFPA 70)
FIRE PROTECTION: 2020 MECHANICAL CODE OF NYS
ENERGY CODE: 2020 FIRE CODE OF NYS
ACCESSIBILITY CODE: 2009 A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
FUEL GAS: 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS
2020 FUEL GAS CODE OF NYS

CODE CLASSIFICATION

OCCUPANCY GROUP: R-4, CONDITION 1
CONSTRUCTION CLASSIFICATION: TYPE VB
AUTOMATIC FIRESUPPRESSION SYSTEM: YES,13D
NUMBER OF STORIES: 2 (PLUS WALK-OUT BASEMENT)
CLIMATE ZONE: 5A

AREA BREAKDOWN

	EXISTING	PROPOSED
LOWER LEVEL	3,208 SF.	3,208 SF.
FIRST FLOOR (GARAGE SF)	3,774 SF. (874 SF.)	3,904 SF. (745 SF.)
SECOND FLOOR	1,968 SF.	2,154 SF.
TOTAL:	8,938 SF.	9,266 SF.

THE BUILDING FOOTPRINT REMAINS UNCHANGED.
FIRST FLOOR: ADDITIONAL FLOOR AREA IS GENERATED BY UTILIZING APPROXIMATELY 129 SF. OF THE EXISTING GARAGE SPACE.
SECOND FLOOR: ADDITIONAL FLOOR AREA IS GENERATED BY THE ADDITION OF A DORMER OVER THE EXISTING FIRST FLOOR BELOW. THIS CREATES APPROXIMATELY 198 SF. OF NEW SECOND FLOOR AREA.

MAX. LENGTH OF EXIT TRAVEL

ALLOWED TRAVEL DISTANCE: 250 FT. MAX (125 FT. MAX COMMON PATH OF TRAVEL)
ACTUAL TRAVEL DISTANCE: 99'-5" FT MAX (16 FT. COMMON PATH OF TRAVEL)

DESIGN LOADS

SLEEPING ROOMS: 30 UNIFORM (PSF) - LIVE LOAD
ROOM OTHER THAN SLEEPING ROOMS: 40 UNIFORM (PSF) - LIVE LOAD
ROOF LOAD: 30 UNIFORM (PSF) - GROUND SNOW LOAD

OCCUPANT LOAD

FUNCTION OF SPACE: RESIDENTIAL
LOAD FACTOR: 200 SF PER PERSON

LOWER LEVEL:	3,208 SF / 200 = 17
FIRST FLOOR:	3,904 SF / 200 = 20
SECOND FLOOR:	2,154 SF / 200 = 11
TOTAL	9,266 SF 48 TOTAL OCCUPANT LOAD

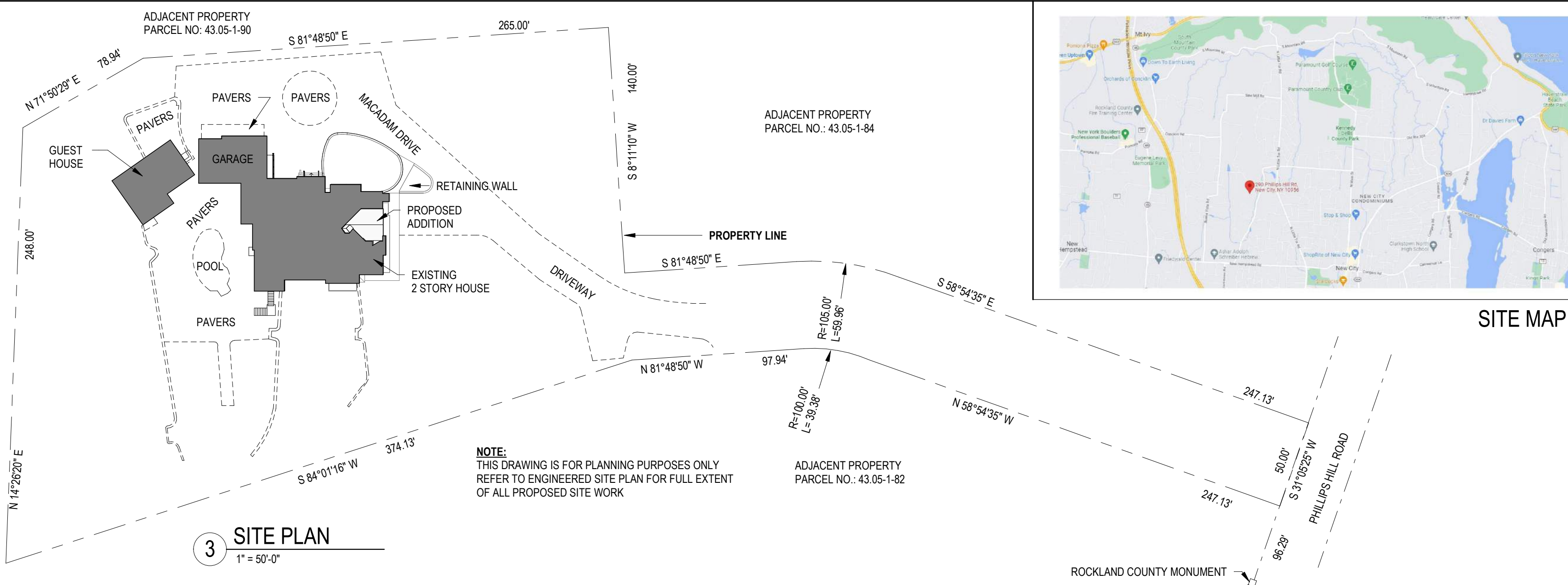
NOTES

ACCESSIBLE PATH OF TRAVEL SLOPES NOT TO EXCEED RUNNING SLOPE OF 1:20 (5%) MAX AND CROSS SLOPE OF 1:50 (2%) MAX.
ACCESSIBLE PARKING SPACES AND AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.

- PROVIDE FIRE EXTINGUISHERS THROUGHOUT SPACE AS REQUIRED BY NFPA 10 AND THE CODE OFFICIAL.
- FIRE EXTINGUISHER SPECIFICATION: "AMEREX" ABC MULTIPURPOSE DRY CHEMICAL
MODEL: B500T FIRE EXTINGUISHER FM APPROVED, YES
CAPACITY: 5 LB MOUNTING: WALL/BRACKET
APPLICATION: HOSE & NOZZLE RANGE: 10-16'
UL RATING: 2A: 10B: C DISCHARGE TIME: 14 SEC
- MANUFACTURED AND TESTED TO ANSI/UL STANDARDS, ISO-9001:2000/ISO-14001:2004
CERTIFIED UL LISTED, FM AND USCG APPROVED
- OWNER APPROVED ALTERNATE MANUFACTURER MAY BE PROVIDED, SO AS LONG AS ALL SPECIFICATIONS AND CERTIFICATIONS ARE EQUAL OR GREATER.



2 PERSPECTIVE VIEW



ISSUE LOG

LEGEND: T - TENANT L - LANDLORD C - CONTRACTOR V - VENDOR P - PERMIT (BUILDING & HEALTH DEPARTMENTS)

DATE	DESCRIPTION	AFFECTED SHEETS	REMARKS
08/28/2022	PERMIT SUBMISSION	ENTIRE SET, SEE SHEET INDEX	O.P

SHEET INDEX

GENERAL	
G001	COVER SHEET
G002	SYMBOLS & ABBREVIATIONS, NOTES & SPECS.
G003	ACCESSIBILITY GUIDELINES
G101	LIFE SAFETY PLANS
ARCHITECTURAL DEMOLITION	
AD101	LOWER LEVEL - DEMOLITION PLAN
AD102	FIRST FLOOR - DEMOLITION PLAN
AD103	SECOND FLOOR - DEMOLITION PLAN
AD105	LOWER LEVEL - RCP - DEMOLITION
AD106	FIRST FLOOR - RCP - DEMOLITION
AD107	SECOND FLOOR - RCP - DEMOLITION
ARCHITECTURAL	
A101	LOWER LEVEL FLOOR PLAN
A102	FIRST FLOOR PLAN
A103	SECOND FLOOR PLAN
A104	LOWER LEVEL - RCP
A105	FIRST FLOOR - RCP
A106	SECOND FLOOR - RCP
A107	ROOF PLAN
A201	ELEVATIONS
A401	ENLARGED PLANS & SECTIONS AT ENTRY
A402	INTERIOR ELEVATIONS
A502	DETAILS, SECTIONS, SCHEDULES
A503	BUILDING SECTIONS/ DETAILS
A601	UL DETAILS - WALL AND ROOF ASSEMBLIES
A602	FIRESTOPPING DETAILS
A603	FIRESTOPPING DETAILS
INTERIORS DEMOLITION	
ID1001	GENERAL/INTERIOR FINISH NOTES
ID1002	INTERIOR FINISH SPECIFICATIONS
INTERIORS	
ID101	LOWER LEVEL - FLOOR FINISH PLAN
ID102	FIRST FLOOR - FLOOR FINISH PLAN
ID103	SECOND FLOOR - FLOOR FINISH PLAN
ID201	LOWER LEVEL - WALL FINISH PLAN
ID202	FIRST FLOOR - WALL FINISH PLAN
ID203	SECOND FLOOR - WALL FINISH PLAN
ID701	INTERIOR ELEVATIONS
ID801	INTERIOR DETAILS
ELECTRICAL DEMOLITION	
E001	REMOVALS
ELECTRICAL	
E101	LOWER LEVEL
E102	FIRST FLOOR
E103	SECOND FLOOR
FIRE PROTECTION	
F101	FIRE PROTECTION SPRINKLER
MECHANICAL DEMOLITION	
M001	REMOVALS
MECHANICAL	
M101	LOWER LEVEL
M102	FIRST FLOOR
M103	SECOND FLOOR
PLUMBING DEMOLITION	
P001	REMOVALS
PLUMBING	
P101	LOWER LEVEL
P102	FIRST FLOOR
P103	SECOND FLOOR
Grand total:	48

CONTACT LIST

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ROCKLAND COUNTY - OFFICE OF BUILDINGS AND CODES
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> project



revision schedule

no.	description	date
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> drawing information

project #: 22-027
date: 06.28.2022
drawn by: DMD/JPB
checked by: EES
scale: As indicated

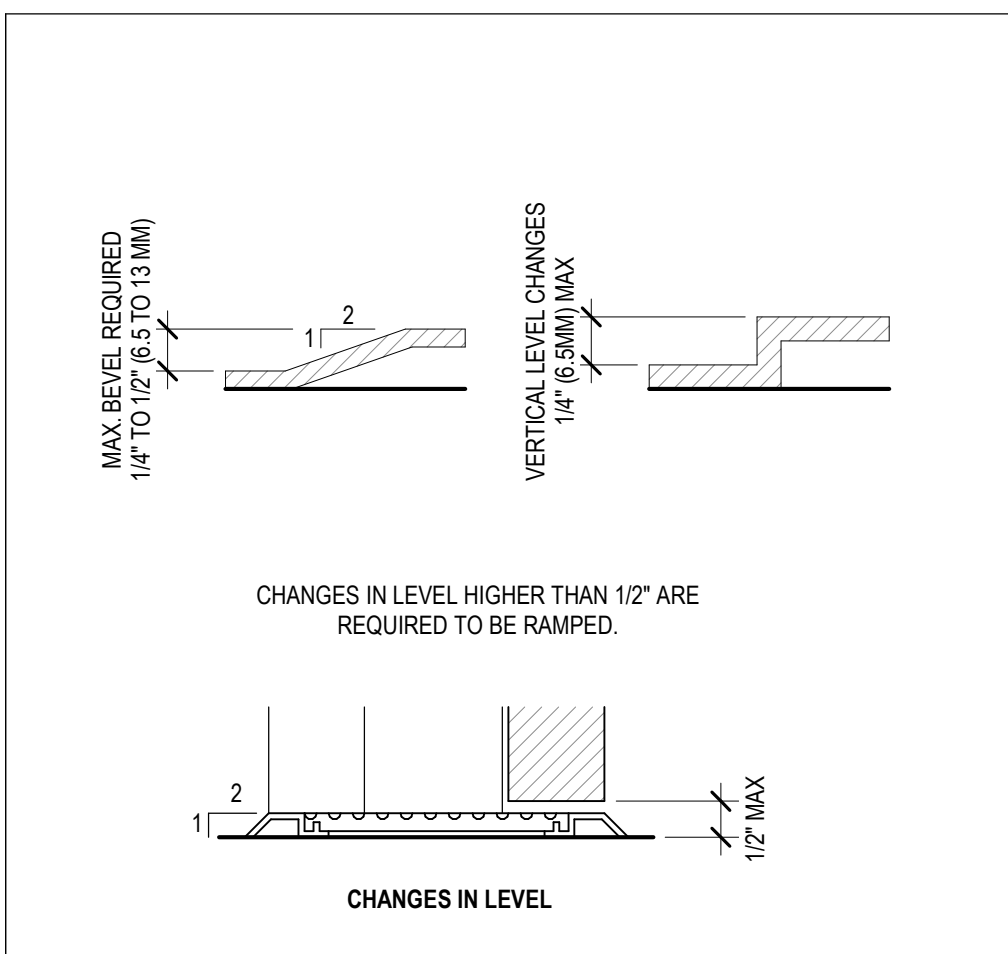
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COVER SHEET

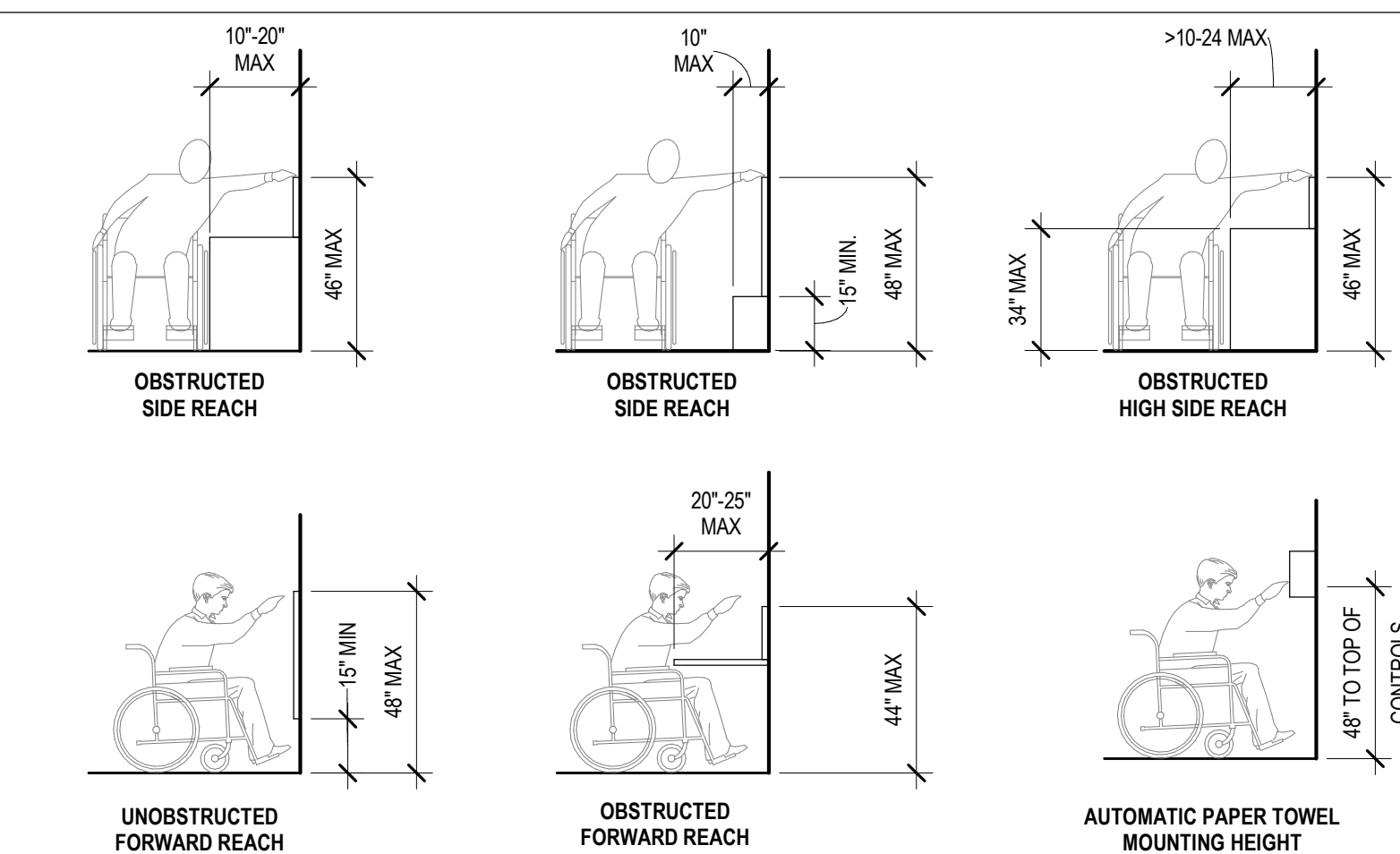
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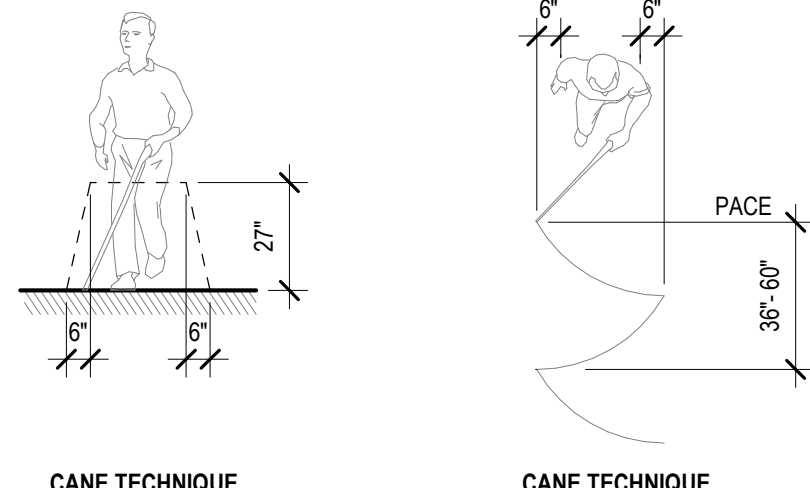
SECTION 303 CHANGES IN LEVEL

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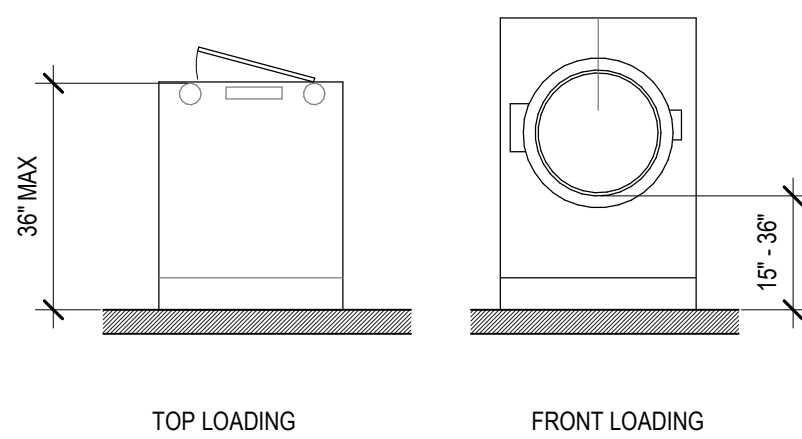
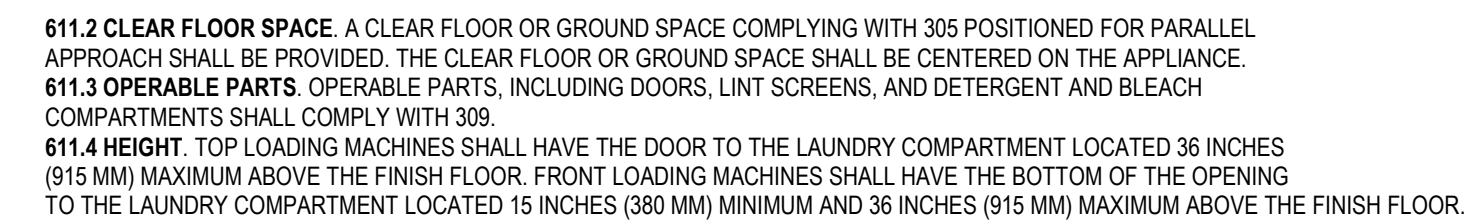
SEC. 308 REACH RANGES

SCALE: NTS



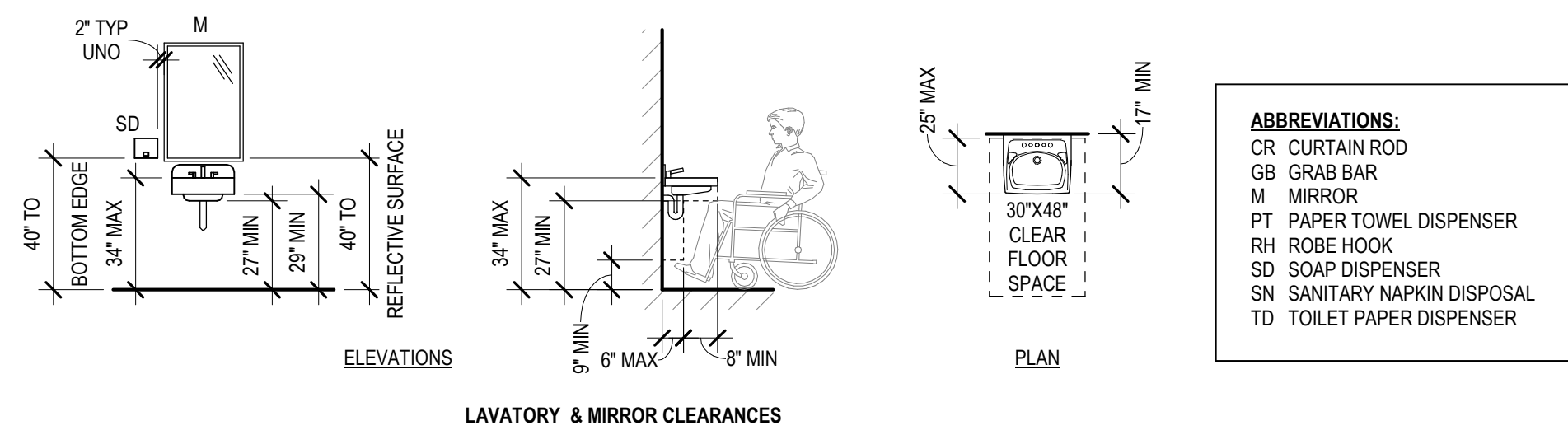
SECTION 402 ACCESSIBLE ROUTE

SCALE: NTS



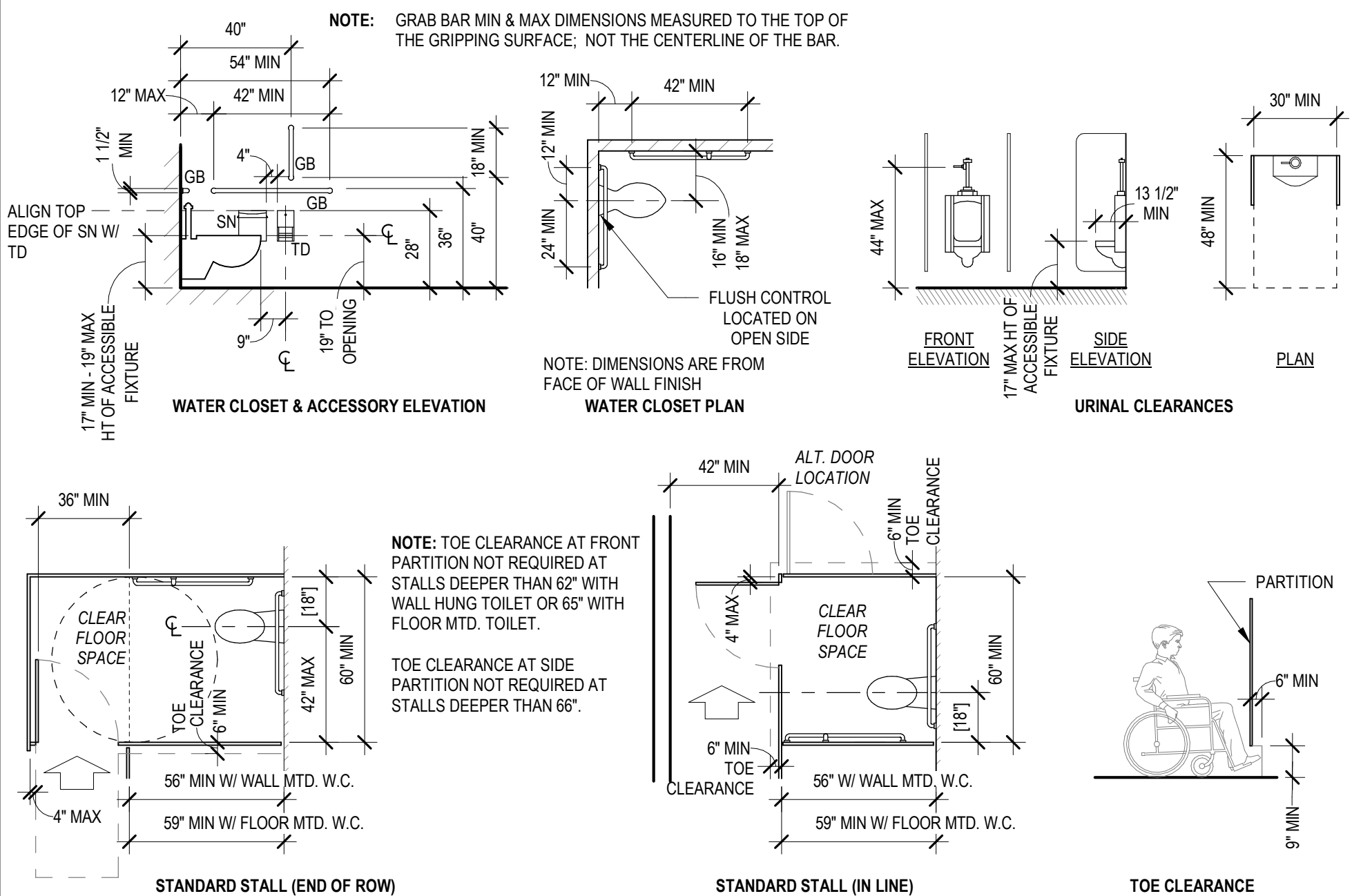
SEC. 611 WASHING MACHINES AND CLOTHES DRYERS

SCALE: NTS



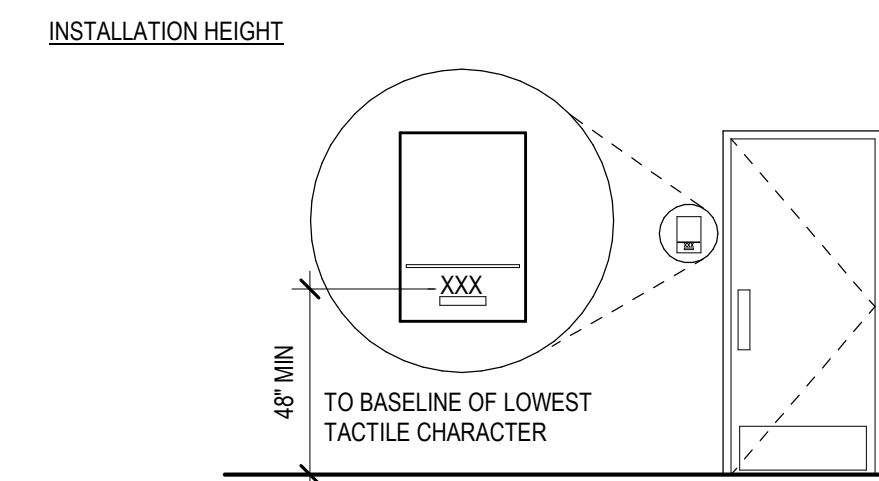
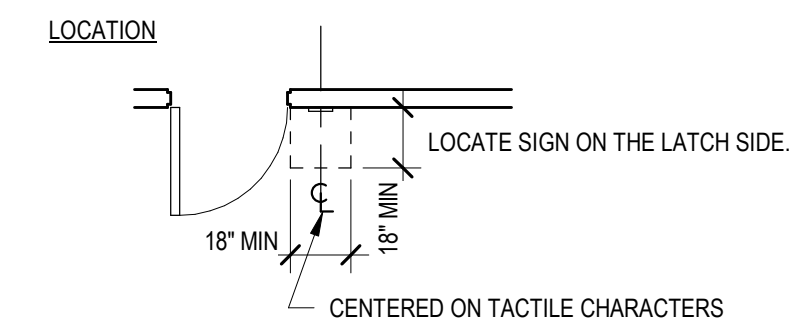
SEC. 603.3 & 606 MIRROR & LAVATORIES

SCALE: NTS



SECTION 604 WATER CLOSETS AND TOILET COMPARTMENTS & 605 URINALS

SCALE: NTS



SECTION 703 TACTILE SIGNS

SCALE: NTS



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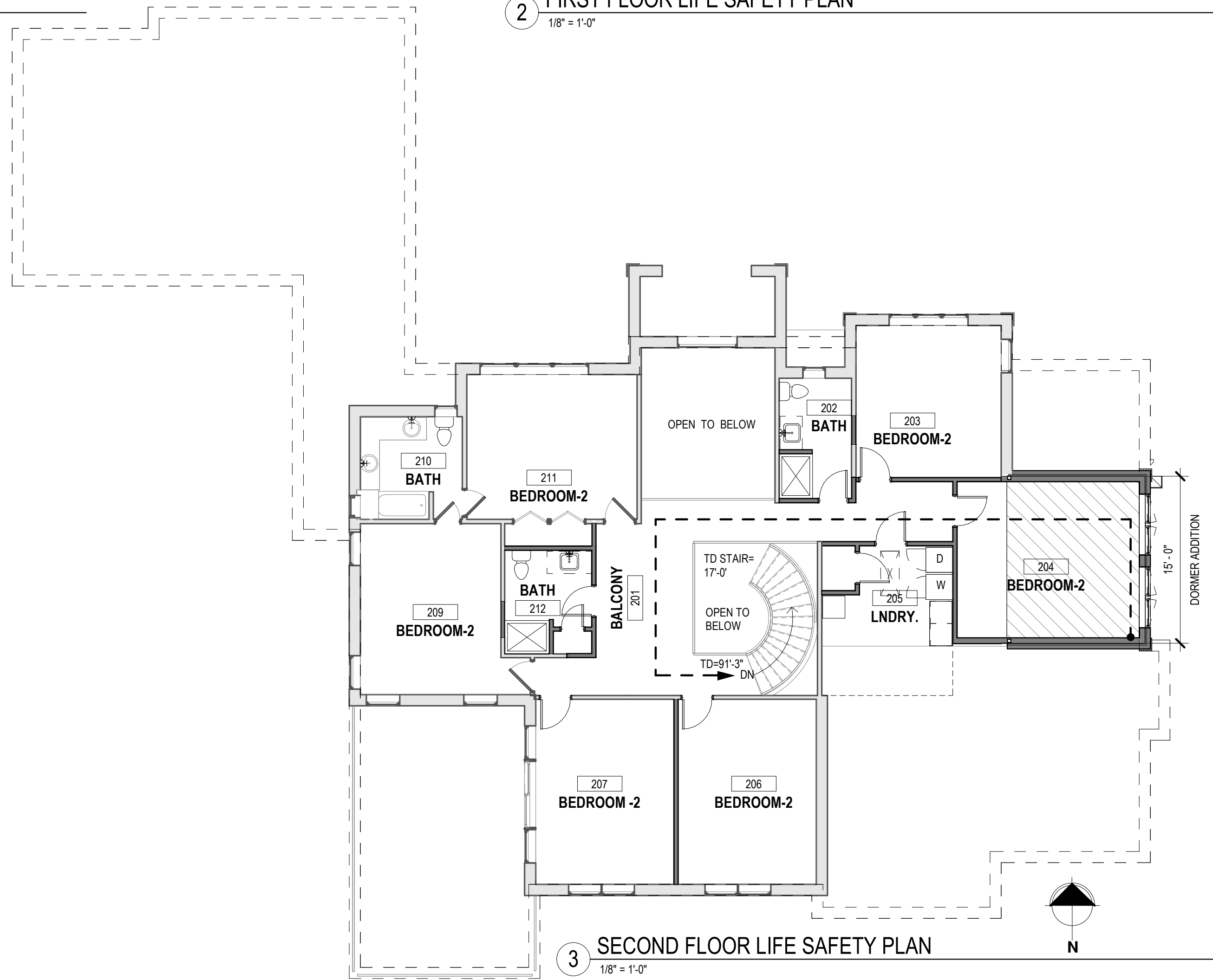
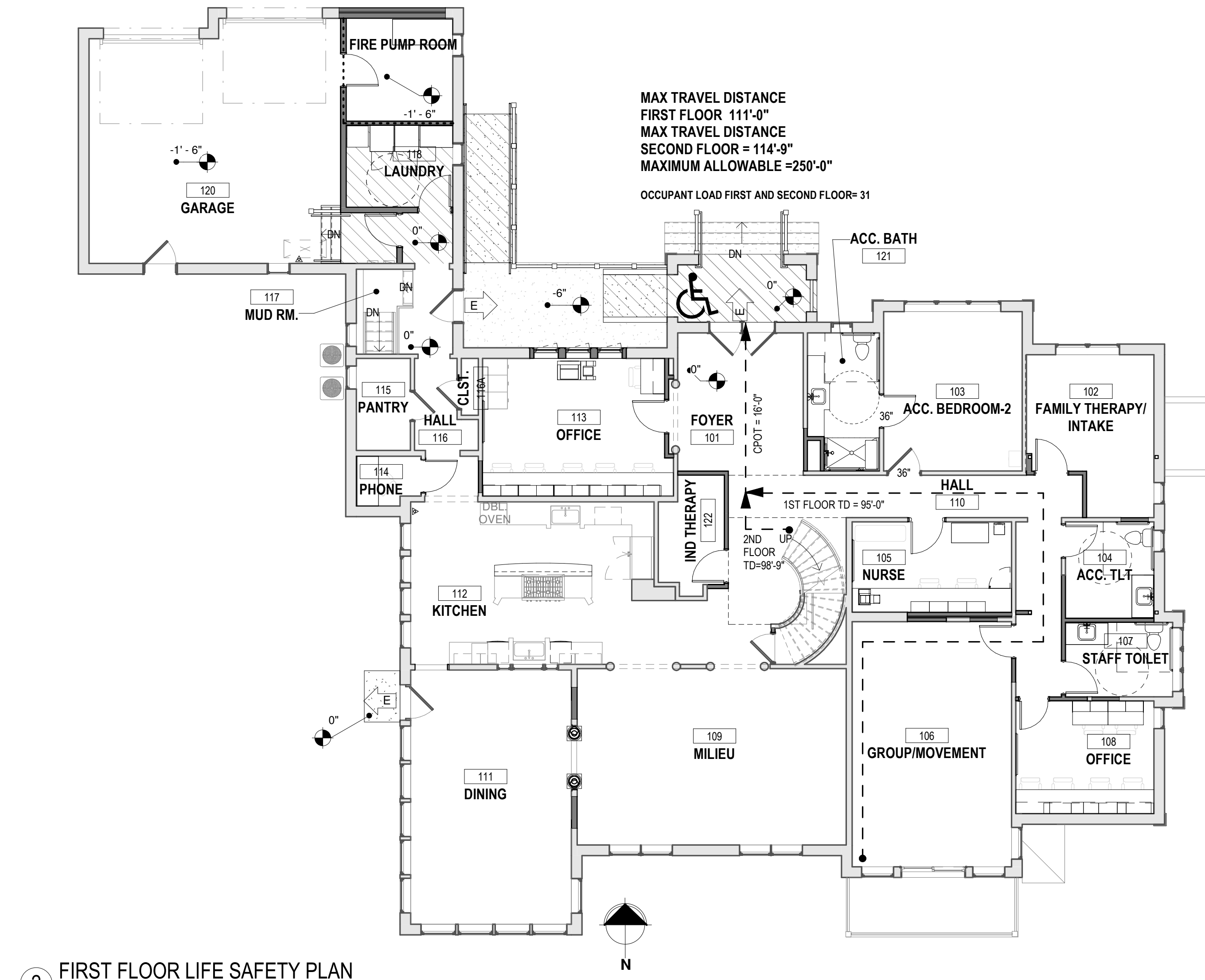
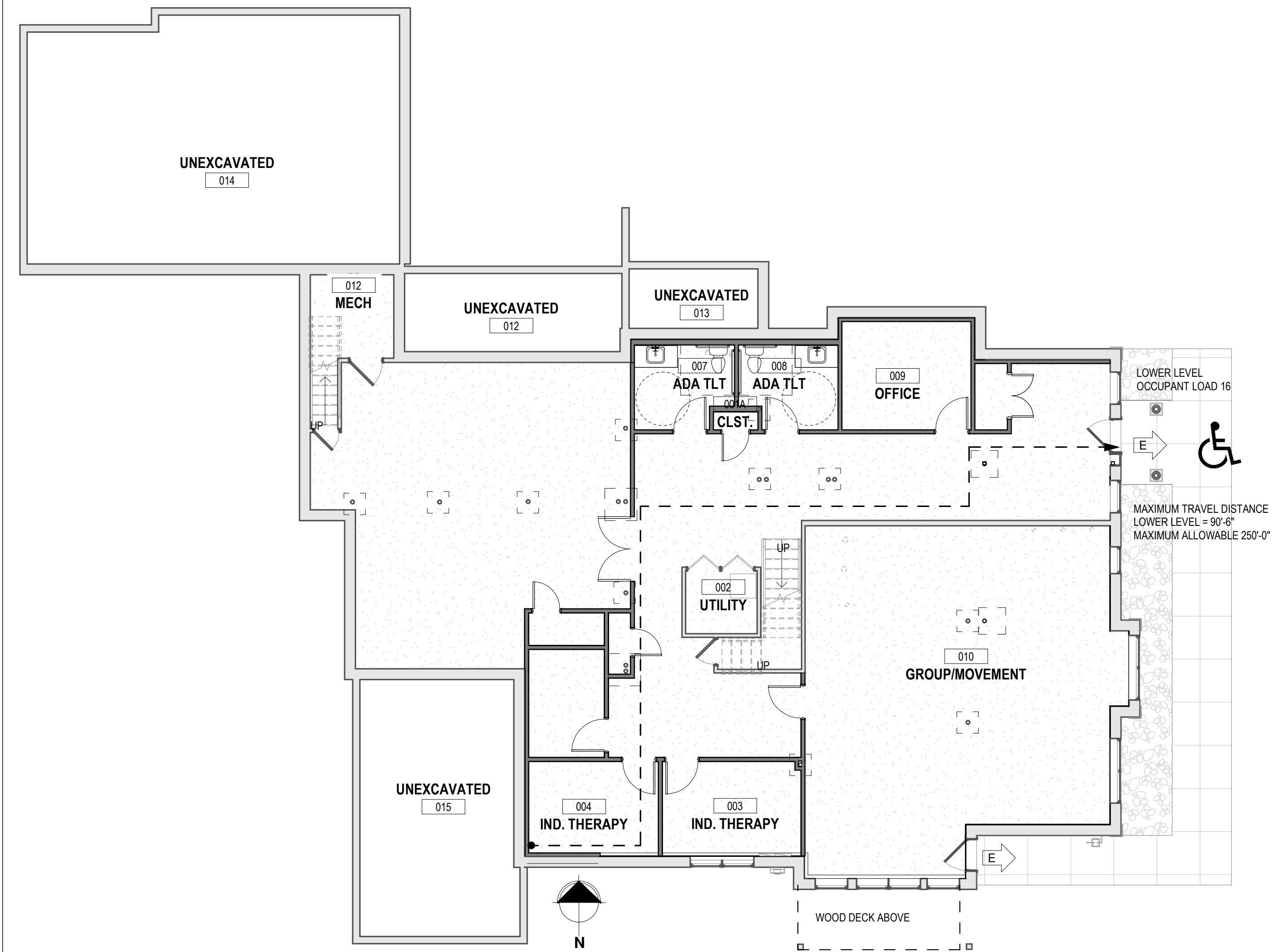
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ACCESSIBILITY GUIDELINES

G003

sheet number

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FIRE AND LIFE SAFETY LEGEND	
1 HOUR FIRE RATED PARTITION	-----
PATH OF TRAVEL TRAVEL DISTANCE (IN FEET) (250' MAX)	← ACTUAL TD: 248'
ACCESSIBLE EXIT	♿
EXIT (NOT ALL EXITS ARE ACCESSIBLE)	← E

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NEW CITY, NY 10956

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REGISTERED ARCHITECT

EDWIN E. SMART

029717

STATE OF NEW YORK

revision schedule		
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drawn by:

DMD

checked by:

EES

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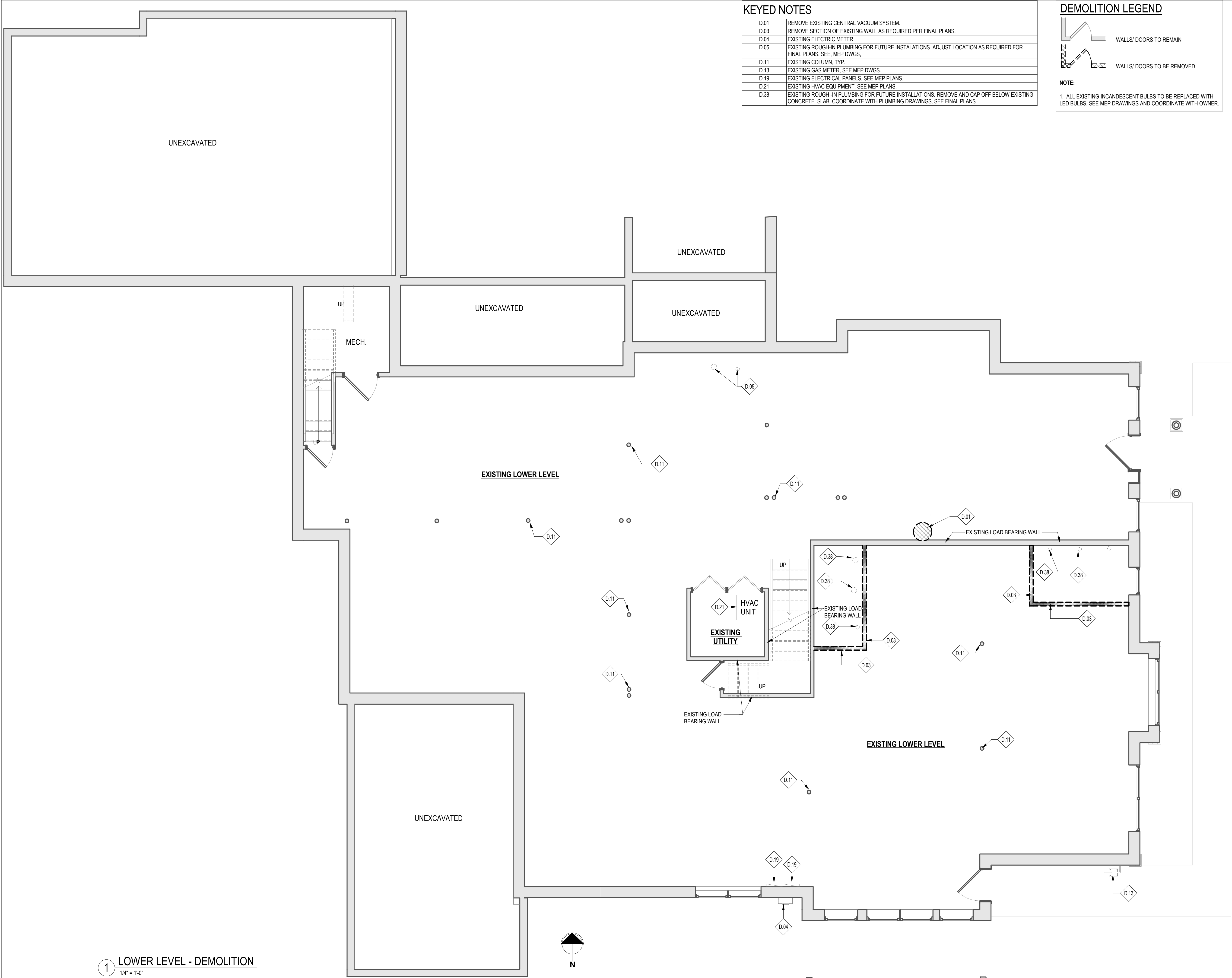
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LIFE SAFETY PLANS

G101

sheet number

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KEYED NOTES	
D.01	REMOVE EXISTING CENTRAL VACUUM SYSTEM.
D.03	REMOVE SECTION OF EXISTING WALL AS REQUIRED PER FINAL PLANS.
D.04	EXISTING ELECTRIC METER
D.05	EXISTING ROUGH-IN PLUMBING FOR FUTURE INSTALLATIONS. ADJUST LOCATION AS REQUIRED FOR FINAL PLANS. SEE, MEP DWGS.
D.11	EXISTING COLUMN, TYP.
D.13	EXISTING GAS METER, SEE MEP DWGS.
D.19	EXISTING ELECTRICAL PANELS, SEE MEP PLANS.
D.21	EXISTING HVAC EQUIPMENT. SEE MEP PLANS.
D.38	EXISTING ROUGH-IN PLUMBING FOR FUTURE INSTALLATIONS. REMOVE AND CAP OFF BELOW EXISTING CONCRETE SLAB. COORDINATE WITH PLUMBING DRAWINGS, SEE FINAL PLANS.

DEMOLITION LEGEND

WALLS/ DOORS TO REMAIN

WALLS/ DOORS TO BE REMOVED

NOTE:

1. ALL EXISTING INCANDESCENT BULBS TO BE REPLACED WITH LED BULBS. SEE MEP DRAWINGS AND COORDINATE WITH OWNER.

- GENERAL DEMOLITION NOTES:
- ALL DIRECTIVES ONLY AS REQUIRED BY FINAL PLANS:
- A. ALL DEMOLITION WORK SHALL BE DONE CAREFULLY. ALL DISTURBED SURFACES TO BE REPAIRED APPROPRIATELY. ALL SALVAGEABLE ITEMS SHALL BE TURNED OVER TO THE OWNER.
- B. PROVIDE TEMPORARY SUPPORT AND STABILIZE ANY STRUCTURE AND OR PARTITIONS THAT BECOME UNBRACED DUE TO SELECTIVE OR PARTIAL DEMOLITION.
- C. PATCH OUT FLOORS AND WALLS AT REMOVED PARTITIONS TO MATCH EXISTING ADJACENT FINISHES WHERE NEW FINISHES ARE NOT SCHEDULED.
- D. FILL AND LEVEL FLOORS AT REMOVED PARTITIONS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION. SLOPE NOT TO EXCEED 1/16" PER FOOT.
- E. REMOVE ALL CARPETING, RUGS, SHEET FLOORING, AND OTHER FINISHES COMPLETELY TO EXISTING SUBFLOOR. REPLACE ALL CARPETING W/ OWNER SELECTED CARPET. ONLY AS REQUIRED BY FINAL PLANS.
- F. REMOVE ALL PLUMBING FIXTURES AND SUPPLY/ DRAIN LINES TO BELOW SUBFLOOR. TERMINATE LINES LOCALLY FOR RE-USE, OR AT MAIN AS REQUIRED BY FINAL PLANS.
- G. REMOVE ALL ELECTRICAL FIXTURES, OUTLETS, SUPPLY BOXES, AND WIRES AT WALLS AND CEILINGS AS REQUIRED BY FINAL PLANS. TERMINATE LINES BELOW SUBFLOOR (MINIMUM) OR AT MAIN PANEL.
- H. ALL WOOD FLOORS TO REMAIN UNLESS DIRECTED BY OWNER. COORDINATE WITH OWNER REGARDING EXISTING TILE FLOORS. ANY EXISTING FLOORING TO REMAIN SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.
- I. ALL EXISTING WINDOW TREATMENTS TO REMAIN UNLESS DIRECTED OTHERWISE.
- J. REMOVE ALL EXISTING BUILT-IN STEREO SPEAKERS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- K. REMOVE ALL CORNER SENSORS AND ALARM PANELS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- L. REMOVE ALL EXISTING TELEPHONE AND COAXIAL CABLES. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- M. WHERE REQUIRED FOR NEW CONSTRUCTION ON FINAL PLANS, CAREFULLY REMOVE WAINSCOTING AND CROWN, CHAIR, AND BASE MOLDING AND STORE FOR REUSE.
- N. REMOVE ALL APPLIANCES REQUIRED BY FINAL PLANS AND TURN OVER TO OWNER. GC TO STORE AND REINSTALL SELECT APPLIANCES AS DIRECTED BY OWNER.
- O. REMOVE ALL CENTRAL VAC SYSTEMS. REMOVE EXISTING INLETS/ RECEPTACLES. PATCH/REPAIR OPENINGS AND DAMAGED SURFACES.

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revision schedule

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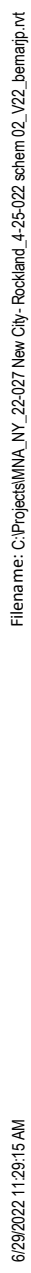
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LOWER LEVEL -
DEMOLITION PLAN

AD101
sheet number



DEMOLITION LEGEND

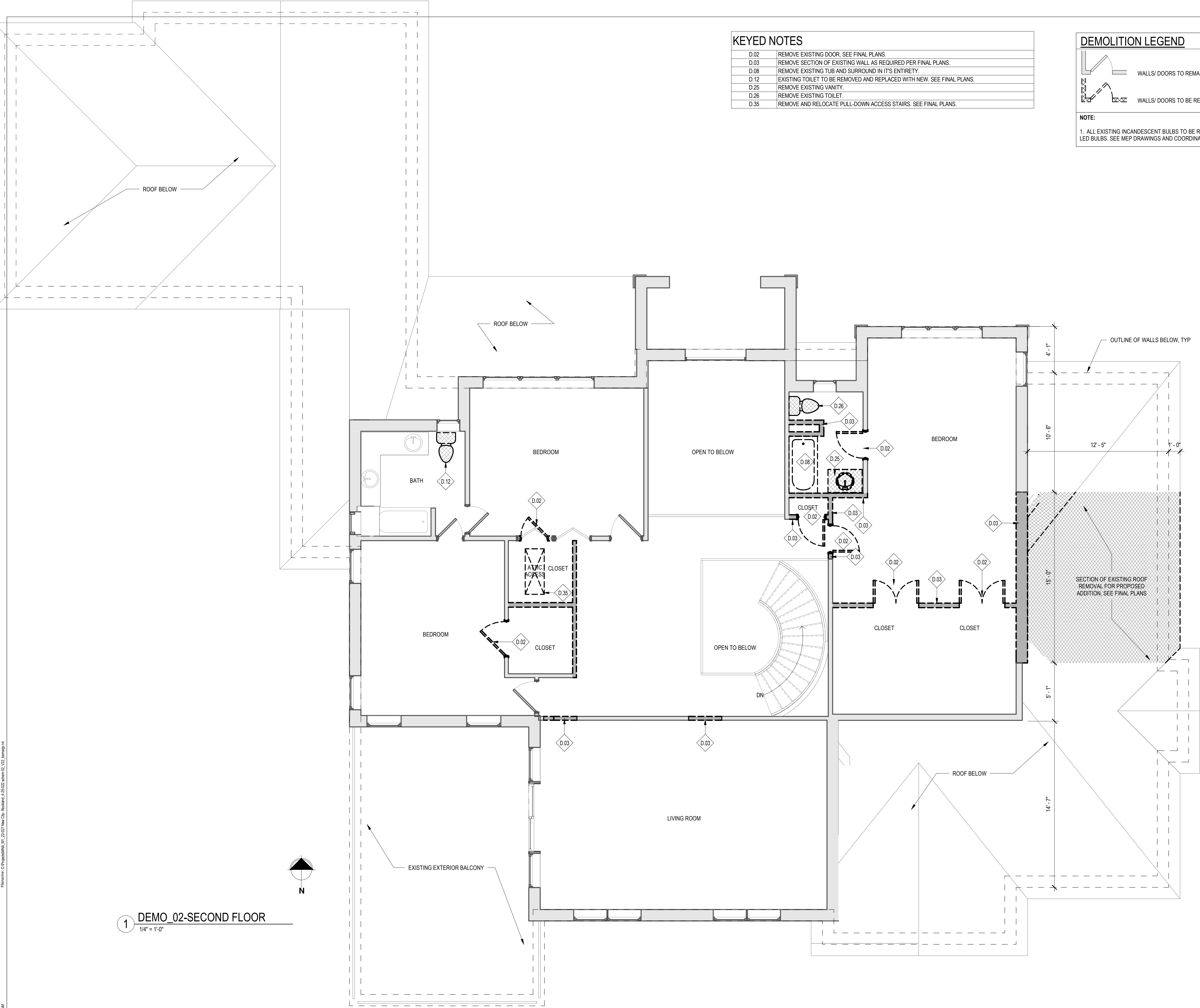
	WALLS/ DOORS TO REMAIN
	WALLS/ DOORS TO BE REMOVED

NOTE:

1. ALL EXISTING INCANDESCENT BULBS TO BE REPLACED WITH LED BULBS. SEE MEP DRAWINGS AND COORDINATE WITH OWNER.

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

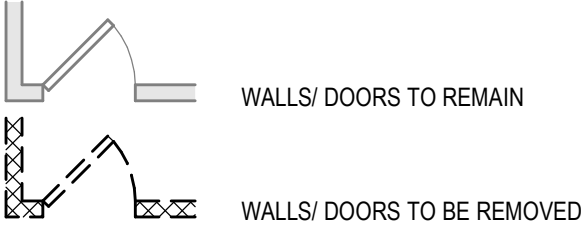
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KEYED NOTES

D.02	REMOVE EXISTING DOOR. SEE FINAL PLANS.
D.03	REMOVE SECTION OF EXISTING WALL AS REQUIRED PER FINAL PLANS.
D.08	REMOVE EXISTING TUB AND SURROUND IN IT'S ENTIRETY.
D.12	EXISTING TOILET TO BE REMOVED AND REPLACED WITH NEW. SEE FINAL PLANS.
D.25	REMOVE EXISTING VANITY.
D.26	REMOVE EXISTING TOILET.
D.35	REMOVE AND RELOCATE PULL-DOWN ACCESS STAIRS. SEE FINAL PLANS.

DEMOLITION LEGEND



NOTE:
1. ALL EXISTING INCANDESCENT BULBS TO BE REPLACED WITH LED BULBS. SEE MEP DRAWINGS AND COORDINATE WITH OWNER.

GENERAL DEMOLITION NOTES:
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- C. PATCH OUT FLOORS AND WALLS AT REMOVED PARTITIONS TO MATCH EXISTING ADJACENT FINISHES WHERE NEW FINISHES ARE NOT SCHEDULED.
- D. FILL AND LEVEL FLOORS AT REMOVED PARTITIONS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION, SLOPE NOT TO EXCEED 1/16" PER FOOT.
- E. REMOVE ALL CARPETING, RUGS, SHEET FLOORING, AND OTHER FINISHES COMPLETELY TO EXISTING SUBFLOOR. REPLACE ALL CARPETING W/ OWNER SELECTED CARPET. ONLY AS REQUIRED BY FINAL PLANS.
- F. REMOVE ALL PLUMBING FIXTURES AND SUPPLY/ DRAIN LINES TO BELOW SUBFLOOR. TERMINATE LINES LOCALLY FOR RE-USE, OR AT MAIN AS REQUIRED BY FINAL PLANS.
- G. REMOVE ALL ELECTRICAL FIXTURES, OUTLETS, SUPPLY BOXES, AND WIRES AT WALLS AND CEILINGS AS REQUIRED BY FINAL PLANS. TERMINATE LINES BELOW SUBFLOOR (MINIMUM) OR AT MAIN PANEL.
- H. ALL WOOD FLOORS TO REMAIN UNLESS DIRECTED BY OWNER. COORDINATE WITH OWNER REGARDING EXISTING TILE FLOORS. ANY EXISTING FLOORING TO REMAIN SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.
- I. ALL EXISTING WINDOW TREATMENTS TO REMAIN UNLESS DIRECTED OTHERWISE.
- J. REMOVE ALL EXISTING BUILT-IN STEREO SPEAKERS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- K. REMOVE ALL CORNER SENSORS AND ALARM PANELS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- L. REMOVE ALL EXISTING TELEPHONE AND COAXIAL CABLES. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.
- M. WHERE REQUIRED FOR NEW CONSTRUCTION ON FINAL PLANS, CAREFULLY REMOVE WAINSCOTING AND CROWN, CHAIR, AND BASE MOLDING AND STORE FOR REUSE.
- N. REMOVE ALL APPLIANCES REQUIRED BY FINAL PLANS AND TURN OVER TO OWNER. GC TO STORE AND REINSTALL SELECT APPLIANCES AS DIRECTED BY OWNER.
- O. REMOVE ALL CENTRAL VAC SYSTEMS. REMOVE EXISTING INLETS/ RECEPTACLES. PATCH/REPAIR OPENINGS AND DAMAGED SURFACES.

> design team

> interior design:



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> project



revision schedule		
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> drawing information

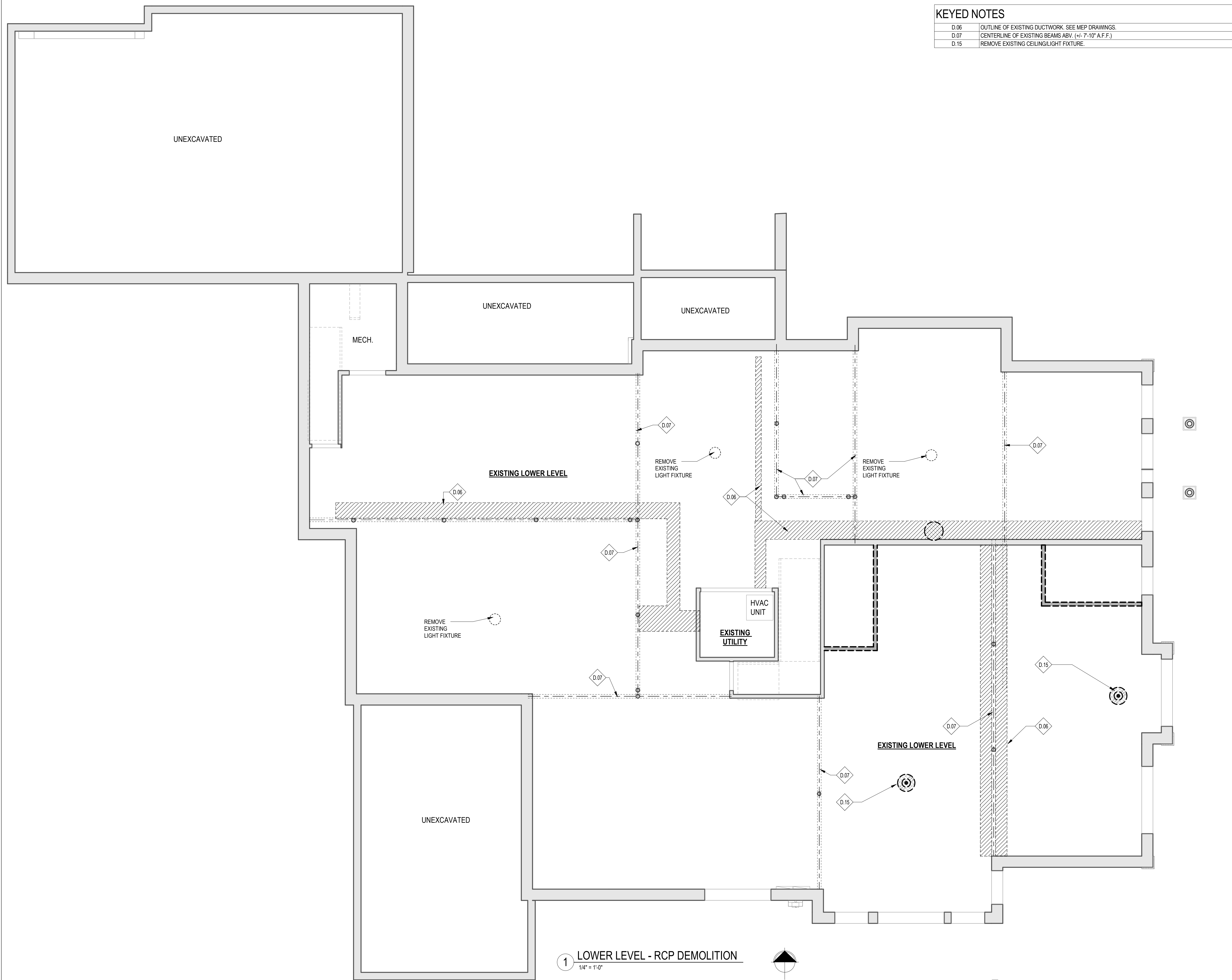
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SECOND FLOOR -
DEMOLITION PLAN

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Filename: C:\ProgramData\NY 22027 New City - Rockland_4-25-02.rvt
User: EES
Sheet: 105 - Lower Level - RCP Demolition



KEYED NOTES	
D.06	OUTLINE OF EXISTING DUCTWORK. SEE MEP DRAWINGS.
D.07	CENTERLINE OF EXISTING BEAMS ABV. (+/- 7'-10" A.F.F.)
D.15	REMOVE EXISTING CEILING/LIGHT FIXTURE.

GENERAL DEMOLITION NOTES:	
ALL DIRECTIVES ONLY AS REQUIRED BY FINAL PLANS:	
A. ALL DEMOLITION WORK SHALL BE DONE CAREFULLY. ALL DISTURBED SURFACES TO BE REPAIRED APPROPRIATELY. ALL SALVAGEABLE ITEMS SHALL BE TURNED OVER TO THE OWNER.	
B. PROVIDE TEMPORARY SUPPORT AND STABILIZE ANY STRUCTURE AND OR PARTITIONS THAT BECOME UNBRACED DUE TO SELECTIVE OR PARTIAL DEMOLITION.	
C. PATCH OUT FLOORS AND WALLS AT REMOVED PARTITIONS TO MATCH EXISTING ADJACENT FINISHES WHERE NEW FINISHES ARE NOT SCHEDULED.	
D. FILL AND LEVEL FLOORS AT REMOVED PARTITIONS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION. SLOPE NOT TO EXCEED 1/16" PER FOOT.	
E. REMOVE ALL CARPETING, RUGS, SHEET FLOORING, AND OTHER FINISHES COMPLETELY TO EXISTING SUBFLOOR. REPLACE ALL CARPETING W/ OWNER SELECTED CARPET. ONLY AS REQUIRED BY FINAL PLANS.	
F. REMOVE ALL PLUMBING FIXTURES AND SUPPLY/ DRAIN LINES TO BELOW SUBFLOOR. TERMINATE LINES LOCALLY FOR RE-USE, OR AT MAIN AS REQUIRED BY FINAL PLANS.	
G. REMOVE ALL ELECTRICAL FIXTURES, OUTLETS, SUPPLY BOXES, AND WIRES AT WALLS AND CEILINGS AS REQUIRED BY FINAL PLANS. TERMINATE LINES BELOW SUBFLOOR (MINIMUM) OR AT MAIN PANEL.	
H. ALL WOOD FLOORS TO REMAIN UNLESS DIRECTED BY OWNER. COORDINATE WITH OWNER REGARDING EXISTING TILE FLOORS. ANY EXISTING FLOORING TO REMAIN SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.	
I. ALL EXISTING WINDOW TREATMENTS TO REMAIN UNLESS DIRECTED OTHERWISE.	
J. REMOVE ALL EXISTING BUILT-IN STEREO SPEAKERS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.	
K. REMOVE ALL CORNER SENSORS AND ALARM PANELS. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.	
L. REMOVE ALL EXISTING TELEPHONE AND COAXIAL CABLES. PATCH IN ANY EXPOSED OR DAMAGED AREAS TO MATCH/BLEND WITH ADJACENT FINISHES.	
M. WHERE REQUIRED FOR NEW CONSTRUCTION ON FINAL PLANS, CAREFULLY REMOVE WAINSCOTING AND CROWN, CHAIR, AND BASE MOLDING AND STORE FOR REUSE.	
N. REMOVE ALL APPLIANCES REQUIRED BY FINAL PLANS AND TURN OVER TO OWNER. GC TO STORE AND REINSTALL SELECT APPLIANCES AS DIRECTED BY OWNER.	
O. REMOVE ALL CENTRAL VAC SYSTEMS. REMOVE EXISTING INLETS/ RECEPTACLES. PATCH/REPAIR OPENINGS AND DAMAGED SURFACES.	

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revision schedule

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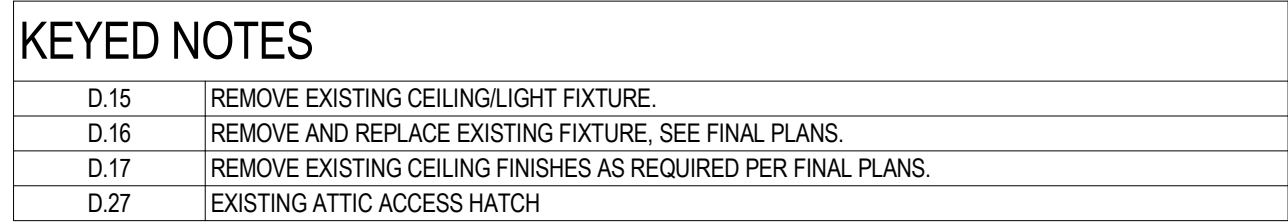
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LOWER LEVEL - RCP - DEMOLITION

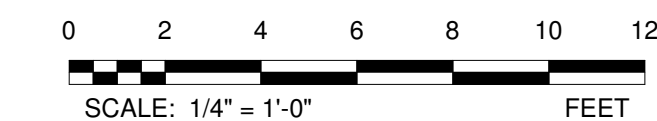
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sheet number



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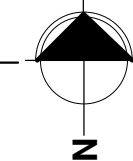
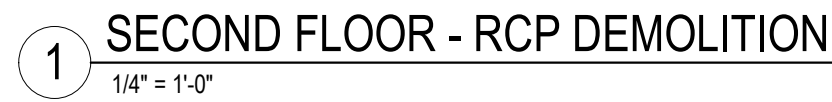
O. REMOVE ALL CENTRAL VAC SYSTEMS. REMOVE EXISTING INLETS/ RECEPTACLES. PATCH/REPAIR OPENINGS AND DAMAGED SURFACES.

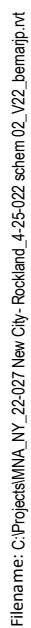


D.15	REMOVE EXISTING CEILING/LIGHT FIXTURE.
D.16	REMOVE AND REPLACE EXISTING FIXTURE, SEE FINAL PLANS.
D.33	REMOVE EXISTING ATTIC ACCESS HATCH

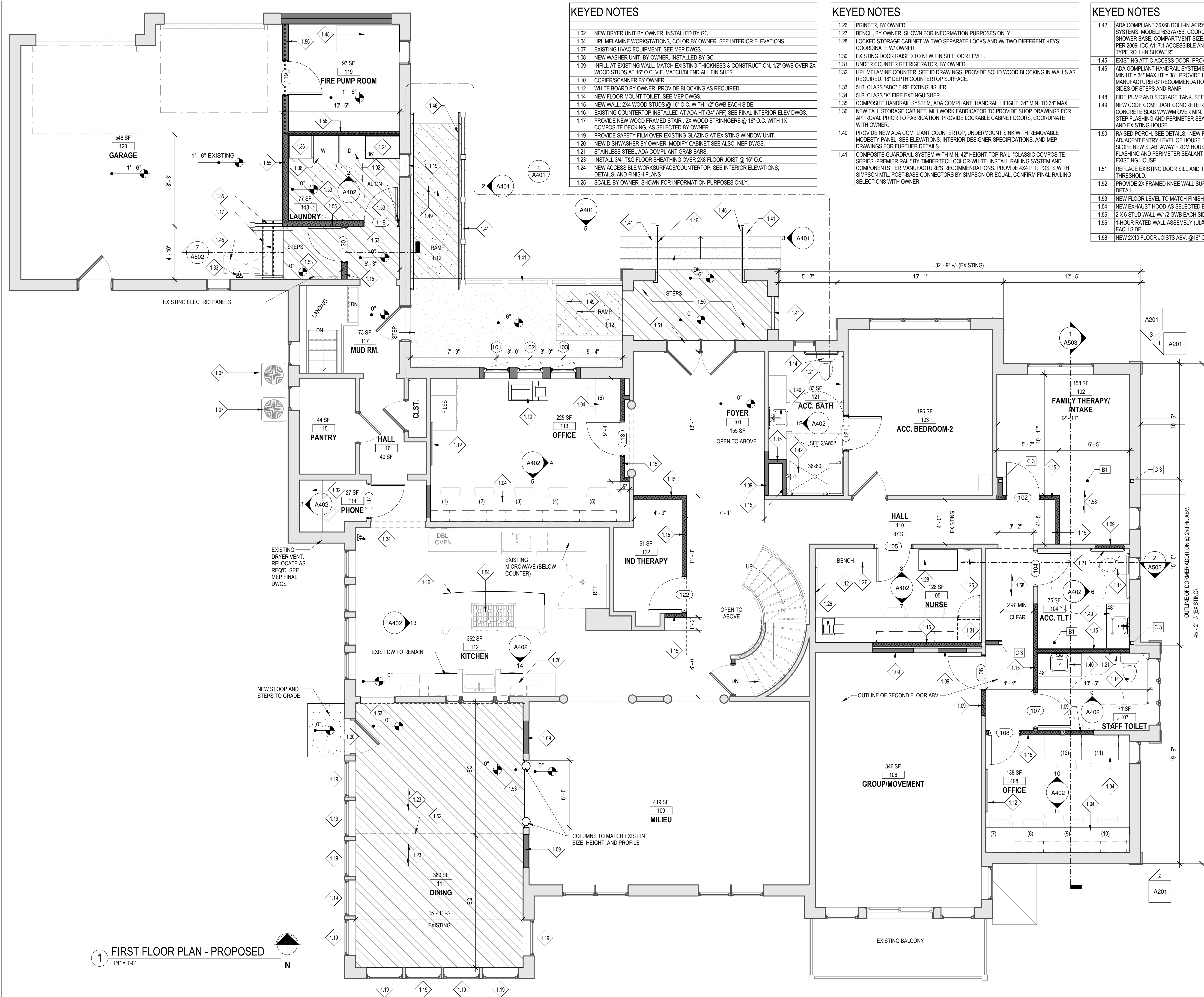
ALL DIRECTIVES ONLY AS REQUIRED BY FINAL PLANS.

O. REMOVE ALL CENTRAL VAC SYSTEMS. REMOVE EXISTING INLETS/ RECEPTACLES. PATCH/REPAIR OPENINGS AND DAMAGED SURFACES.





sheet number



1 FIRST FLOOR PLAN - PROPOSED
1/4" = 1'-0"

TYPICAL HEADER SCHEDULE

UNLESS OTHERWISE NOTED		
OPENING	2X6 WALL	2X4 WALL
UP TO 4'-0"	(3) 2X6	(2) 2X6
5'-0"	(3) 2X6	(2) 2X6
6'-0"	(3) 2X10	(2) 2X10
7'-0"	(3) 2X10	(2) 2X12
8'-0"	(3) 2X12	(2) 2X12

NOTE:
- PROVIDE (2) 1/2" PLY. WD. GUSSETS -2X6 WALL
- PROVIDE (1) 1/2" PLY. WD. GUSSETS -2X4 WALL
- GLUE AND NAIL ALL HEADERS

BEAM SCHEDULE

BEAM #	BEAM DESCRIPTION	BEAM LOCATION
B1	(3) 1-3/4" x 14" MICROLAM FINAL LVL BEAM SIZING BY MFR/SUPPLIER. PROVIDE METAL POST-BEAM CONNECTOR.	FIRST FLOOR
B2	(3) 1-3/4" x 14" MICROLAM FINAL LVL BEAM SIZING BY MFR/SUPPLIER. PROVIDE METAL POST-BEAM CONNECTOR.	SECOND FLOOR

COLUMN SCHEDULE

COL. #	COL. DESCRIPTION	LOCATION
C 1	3" DIAMETER ADJUSTABLE STEEL COLUMN ON MINIMUM 30"X30"X12" CONCRETE ISOLATED FOOTING. SEE DETAILS.	LOWER LEVEL
C 2	3" DIAMETER ADJUSTABLE STEEL COLUMN ON MINIMUM 30"X30"X12" CONCRETE ISOLATED FOOTING. DO NOT DISTURB OR UNDERMINE ADJACENT EXISTING CONCRETE FOOTING.	LOWER LEVEL
C 3	PROVIDE MIN. (3) 2x4x2x6 BUILT-UP SUPPORT COLUMN (SPIKED AND GLUED) AT BEAM END W/ METAL POST-BEAM CONNECTOR (SIMPSON OR EQUAL). TYPICAL. SOLID CONTINUOUS BEARING AT ALL MICROLAM BEAM ENDS. VERTICAL SUPPORT MUST BE CONTINUOUS FROM BEAM TO FOUNDATION BELOW.	FIRST & SECOND FLR.

GENERAL NOTES

- ALL ROOM/WALL DIMENSIONS ARE FROM FINISH FACE OF EXISTING WALLS TO FACE OF FRAMING OF NEW WALLS. ALL FOUNDATION WALL DIMENSIONS ARE FROM OUTSIDE FACE TO OUTSIDE FACE OF CMU/CONCRETE WALL, OR FROM OUTSIDE FACE OF CMU/CONCRETE WALL TO CENTERLINE OF SUPPORT BEAM OR SUPPORT POST.
- ALL INTERIOR FRAMED WALLS TO BE 2x4 WOOD STUDS @ 16" O.C. UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PROVIDE SOLID WOOD BLOCKING FOR ALL CABINETS, COUNTERS, GRAB BARS, SHELVING, ETC.
- PROVIDE ACOUSTIC SOUND-ATTENUATING BATT INSULATION IN ALL NEW BATHROOM, OFFICE, AND THERAPY ROOM WALLS AND IN ANY EXISTING WALLS WHERE THE FRAMING IS EXPOSED.
- ALL EXISTING STAIRS & HANDRAILS ARE TO REMAIN U.N.O.
- ALL NEW DOORS, TRIM, AND MOLDINGS TO MATCH EXISTING STYLE, PROFILES, AND FINISHES.
- ALL EXISTING ACCESS HATCHES TO ATTIC SPACES TO BE SECURED SHUT WITH FOUR SCREWS.
- FABRICATOR TO PROVIDE SHOP DRAWINGS FOR ALL MILLWORK PRIOR TO FABRICATION.
- TOILET ROOM ACCESSORIES (i.e. TOILET PAPER DISPENSER, SOAP DISPENSER, MIRRORS, ETC.) TO BE SELECTED BY OWNER AND INSTALLED BY CONTRACTOR. ACCESSORIES FOR ACCESSIBLE TOILET ROOMS TO BE INSTALLED PER 2009 ICC A117.1 ACCESSIBILITY CODE REQUIREMENTS.
- PATCH IN AND REPAIR ANY EXPOSED OR DAMAGED AREAS (TO MATCH/BLEND WITH ADJACENT FINISHES) AT LOCATIONS OF REMOVED EXISTING ALARM SYSTEMS, DEVICES, SMOKE DETECTORS, BUILT-IN STEREO SPEAKERS, AND CENTRAL-VAC RECTANGLES.

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> drawing information

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scale: As indicated

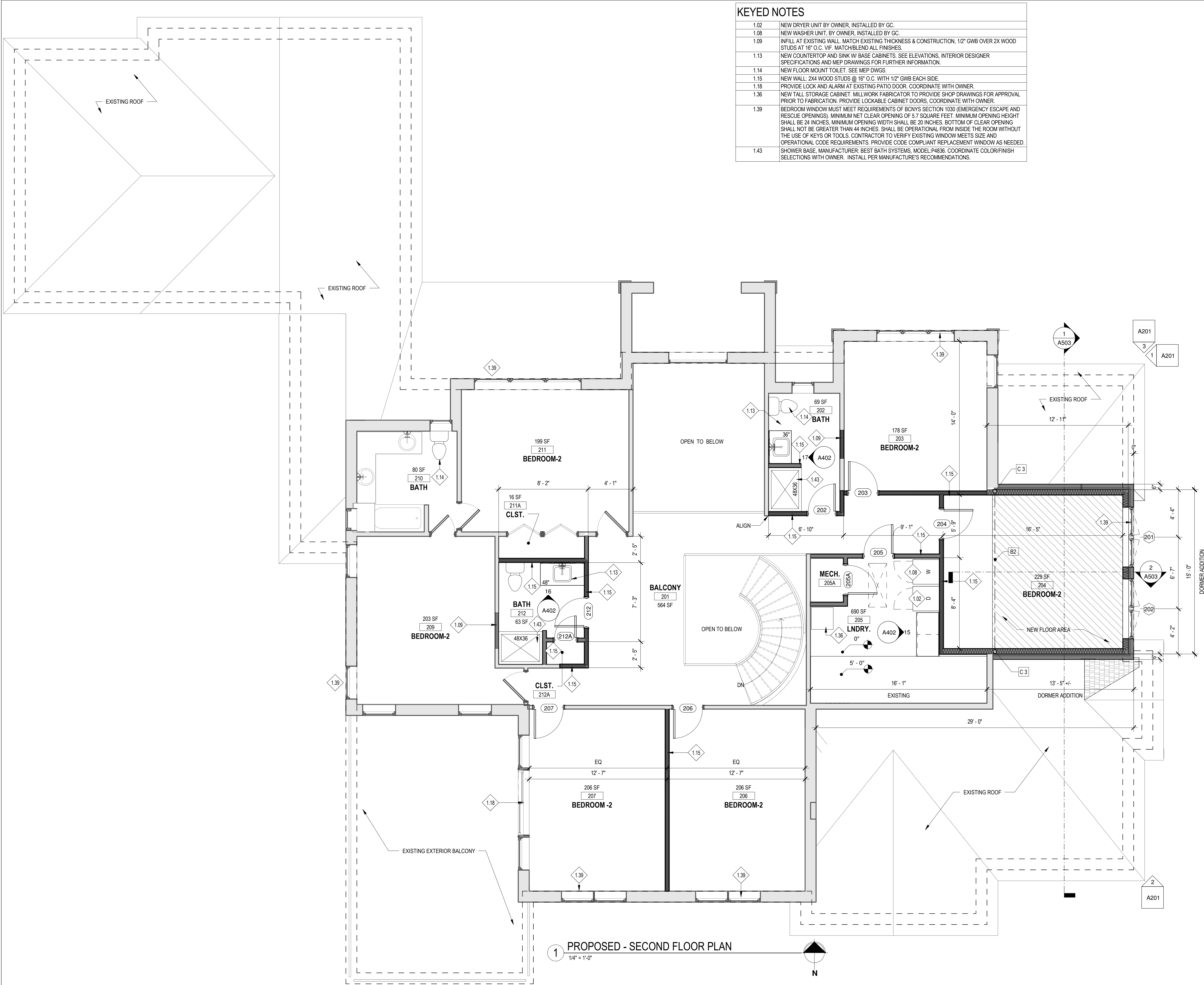
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FIRST FLOOR PLAN

A102
sheet number

0 2 4 6 8 10 12
SCALE: 1/4" = 1'-0" FEET



KEYED NOTES	
1.02	NEW DRYER UNIT BY OWNER. INSTALLED BY GC.
1.08	NEW WASHER UNIT BY OWNER. INSTALLED BY GC.
1.09	INFILL AT EXISTING WALL. MATCH EXISTING THICKNESS & CONSTRUCTION, 1/2" GWB OVER 2X WOOD STUDS AT 16" O.C. VIF. MATCH/BLEND ALL FINISHES.
1.13	NEW COUNTERTOP AND SINK W/ BASE CABINETS. SEE ELEVATIONS, INTERIOR DESIGNER SPECIFICATIONS AND MEP DRAWINGS FOR FURTHER INFORMATION.
1.14	NEW FLOOR MOUNT TOILET. SEE MEP DWGS.
1.15	NEW WALL: 2X4 WOOD STUDS @ 16" O.C. WITH 1/2" GWB EACH SIDE.
1.18	PROVIDE LOCK AND ALARM AT EXISTING PATIO DOOR. COORDINATE WITH OWNER.
1.36	NEW TALL STORAGE CABINET. MILLWORK FABRICATOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. PROVIDE LOCKABLE CABINET DOORS, COORDINATE WITH OWNER.
1.39	BEDROOM WINDOW MUST MEET REQUIREMENTS OF BCNYS SECTION 1030 (EMERGENCY ESCAPE AND RESCUE OPENINGS). MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. MINIMUM OPENING HEIGHT SHALL BE 24 INCHES. MINIMUM OPENING WIDTH SHALL BE 20 INCHES. BOTTOM OF CLEAR OPENING SHALL NOT BE GREATER THAN 44 INCHES. SHALL BE OPERATIONAL FROM INSIDE THE ROOM WITHOUT THE USE OF KEYS OR TOOLS. CONTRACTOR TO VERIFY EXISTING WINDOW MEETS SIZE AND OPERATIONAL CODE REQUIREMENTS. PROVIDE CODE COMPLIANT REPLACEMENT WINDOW AS NEEDED.
1.43	SHOWER BASE, MANUFACTURER: BEST BATH SYSTEMS, MODEL P4836. COORDINATE COLOR/FINISH SELECTIONS WITH OWNER. INSTALL PER MANUFACTURE'S RECOMMENDATIONS.

GENERAL NOTES	
1.	ALL ROOM/WALL DIMENSIONS ARE FROM FINISH FACE OF EXISTING WALLS TO FACE OF FRAMING OF NEW WALLS. ALL FOUNDATION WALL DIMENSIONS ARE FROM OUTSIDE FACE TO OUTSIDE FACE OF CMU/CONCRETE WALL, OR FROM OUTSIDE FACE OF CMU/CONCRETE WALL TO CENTERLINE OF SUPPORT BEAM OR SUPPORT POST.
2.	ALL INTERIOR FRAMED WALLS TO BE 2x4 WOOD STUDS @ 16" O.C. UNLESS NOTED OTHERWISE.
3.	CONTRACTOR TO PROVIDE SOLID WOOD BLOCKING FOR ALL CABINETS, COUNTERS, GRAB BARS, SHELVING, ETC.
4.	PROVIDE ACOUSTIC SOUND-ATTENUATING BATT INSULATION IN ALL NEW BATHROOM, OFFICE, AND THERAPY ROOM WALLS AND IN ANY EXISTING WALLS WHERE THE FRAMING IS EXPOSED.
5.	ALL EXISTING STAIRS & HANDRAILS ARE TO REMAIN U.N.O.
6.	ALL NEW DOORS, TRIM, AND MOLDINGS TO MATCH EXISTING STYLE, PROFILES, AND FINISHES.
7.	ALL EXISTING ACCESS HATCHES TO ATTIC SPACES TO BE SECURED SHUT WITH FOUR SCREWS.
8.	FABRICATOR TO PROVIDE SHOP DRAWINGS FOR ALL MILLWORK PRIOR TO FABRICATION.
9.	TOILET ROOM ACCESSORIES (I.E. TOILET PAPER DISPENSER, SOAP DISPENSER, MIRRORS, ETC.) TO BE SELECTED BY OWNER AND INSTALLED BY CONTRACTOR. ACCESSORIES FOR ACCESSIBLE TOILET ROOMS TO BE INSTALLED PER 2009 ICC A117.1 ACCESSIBILITY CODE REQUIREMENTS.
10.	PATCH IN AND REPAIR ANY EXPOSED OR DAMAGED AREAS (TO MATCH/BLEND WITH ADJACENT FINISHES) AT LOCATIONS OF REMOVED EXISTING ALARM SYSTEMS, DEVICES, SMOKE DETECTORS, BUILT-IN STEREO SPEAKERS, AND CENTRAL-VAC RECEPTACLES.

TYPICAL HEADER SCHEDULE		
UNLESS OTHERWISE NOTED		
OPENING	2X6 WALL	2X4 WALL
UP TO 4'-0"	(3) 2X8	(2) 2X8
5'-0"	(3) 2X8	(2) 2X8
6'-0"	(3) 2X10	(2) 2X10
7'-0"	(3) 2X10	(2) 2X12
8'-0"	(3) 2X12	(2) 2X12
NOTE:		
- PROVIDE (2) 1/2" PLY. WD. GUSSETS - 2X6 WALL		
- PROVIDE (1) 1/2" PLY. WD. GUSSETS - 2X4 WALL		
- GLUE AND NAIL ALL HEADERS		

BEAM SCHEDULE		
BEAM #	BEAM DESCRIPTION	BEAM LOCATION
B1	(3) 1-3/4" x 14" MICROLAM FINAL LVL BEAM SIZING BY MFR./SUPPLIER. PROVIDE METAL POST-BEAM CONNECTOR.	FIRST FLOOR
B2	(3) 1-3/4" x 14" MICROLAM FINAL LVL BEAM SIZING BY MFR./SUPPLIER. PROVIDE METAL POST-BEAM CONNECTOR.	SECOND FLOOR
B#		

COLUMN SCHEDULE		
COL. #	COL. DESCRIPTION	LOCATION
C 1	3" DIAMETER ADJUSTABLE STEEL COLUMN ON MINIMUM 30"x30"x12" CONCRETE ISOLATED FOOTING. SEE DETAILS.	LOWER LEVEL
C 2	3" DIAMETER ADJUSTABLE STEEL COLUMN ON MINIMUM 30"x30"x12" CONCRETE ISOLATED FOOTING. DO NOT DISTURB OR UNDERMINE ADJACENT EXISTING CONCRETE FOOTING.	LOWER LEVEL
C 3	PROVIDE MIN. (3) 2x4/2x6 BUILT-UP SUPPORT COLUMN (SPIKED AND GLUED) AT BEAM END W/ METAL POST-BEAM CONNECTOR (SIMPSON OR EQUAL, TYPICAL). SOLID CONTINUOUS BEARING AT ALL MICROLAM BEAM ENDS. VERTICAL SUPPORT MUST BE CONTINUOUS FROM BEAM TO FOUNDATION BELOW.	FIRST & SECOND FLR.

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> drawing information

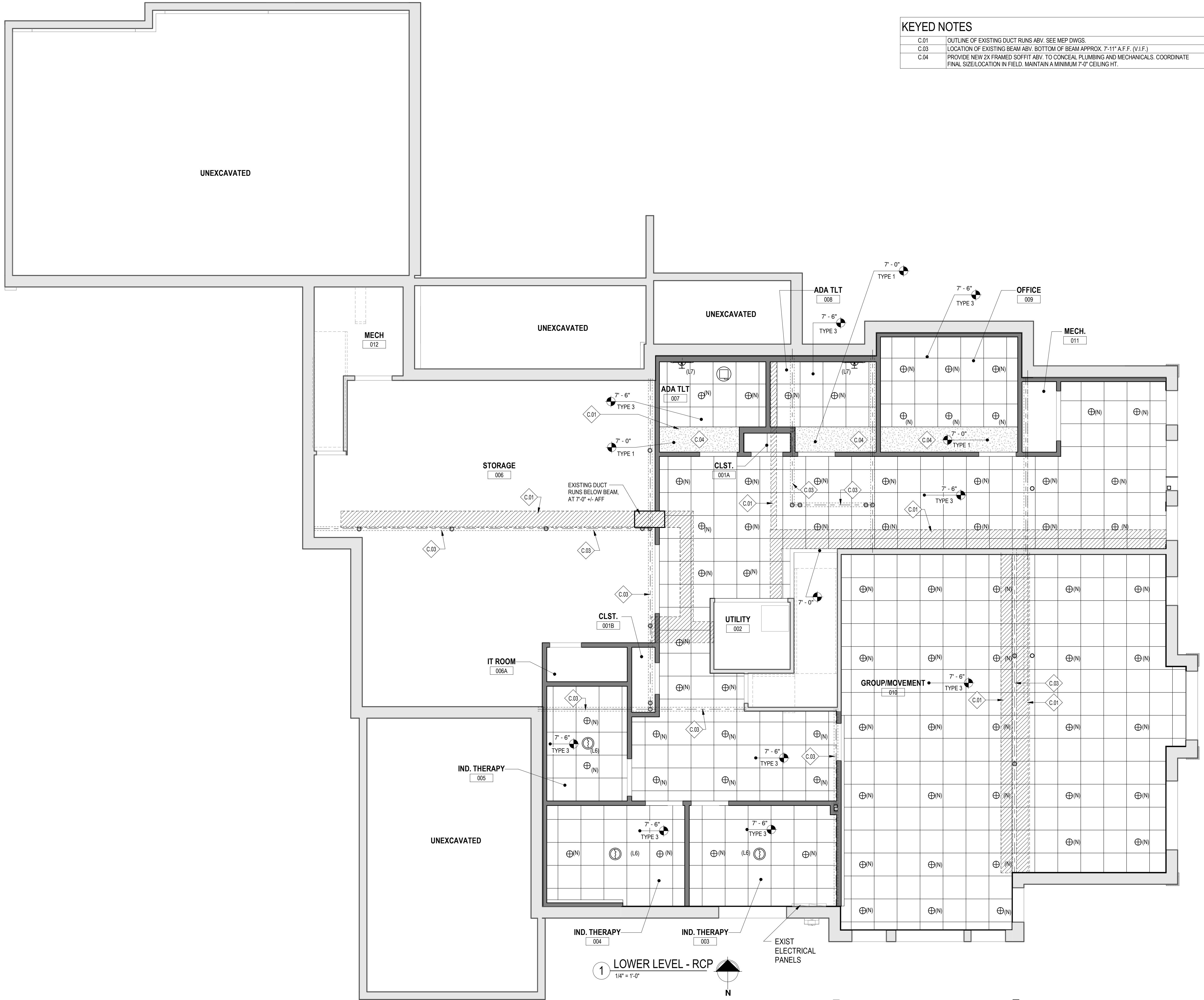
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SECOND FLOOR PLAN

A103
sheet number

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KEYED NOTES	
C.01	OUTLINE OF EXISTING DUCT RUNS ABV. SEE MEP DWGS.
C.03	LOCATION OF EXISTING BEAM ABV. BOTTOM OF BEAM APPROX. 7'-11" A.F.F. (V.I.F.)
C.04	PROVIDE NEW 2X FRAMED SOFFIT ABV. TO CONCEAL PLUMBING AND MECHANICALS. COORDINATE FINAL SIZE/LOCATION IN FIELD. MAINTAIN A MINIMUM 7'-0" CEILING HT.

LIGHT FIXTURE LEGEND	
	CAN LIGHT FIXTURE
	CAN LIGHT FIXTURE, APPROVED FOR WET LOCATIONS
	1'x4' LIGHT FIXTURE
	DECORATIVE WALL SCONCE
	DECORATIVE PENDANT LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	EXHAUST FAN
	EXHAUST FAN W/ LIGHT

NOTE:
1. ALL FIXTURES LABELED "N" ARE NEW FIXTURES, REFER TO MEP DRAWINGS FOR SPECIFICATIONS.
2. ALL FIXTURES LABELED "L" ARE NEW FIXTURES, SEE LIGHTING SPECIFICATIONS PROVIDED BY INTERIOR DESIGNER AND REFER TO MEP DRAWINGS.
3. ALL EXISTING INCANDESCENT BULBS TO BE REPLACED WITH LED BULBS. COORDINATE WITH OWNER EXTEND OR EXISTING CAN LIGHT FIXTURES TO BE RETROFITTED WITH REPLACEMENT LED LENSES AND TRIM.

CEILING LEGEND	
	TYPE 1 NEW GWB CEILING FINISH
	TYPE 2 REPAIR/INFILL SECTION TO MATCH/BLEND WITH ADJACENT FINISHES.
	TYPE 3 2' X 2' SUSPENDED CEILING SYSTEM. FINAL SELECTION BY OWNER.
	TYPE 4 1-HOUR RATED ASSEMBLY (GA-FC-5406 AND RC-2601) (2) LAYERS 5/8" TYPE X GWB OI STRUCTURE ABV.

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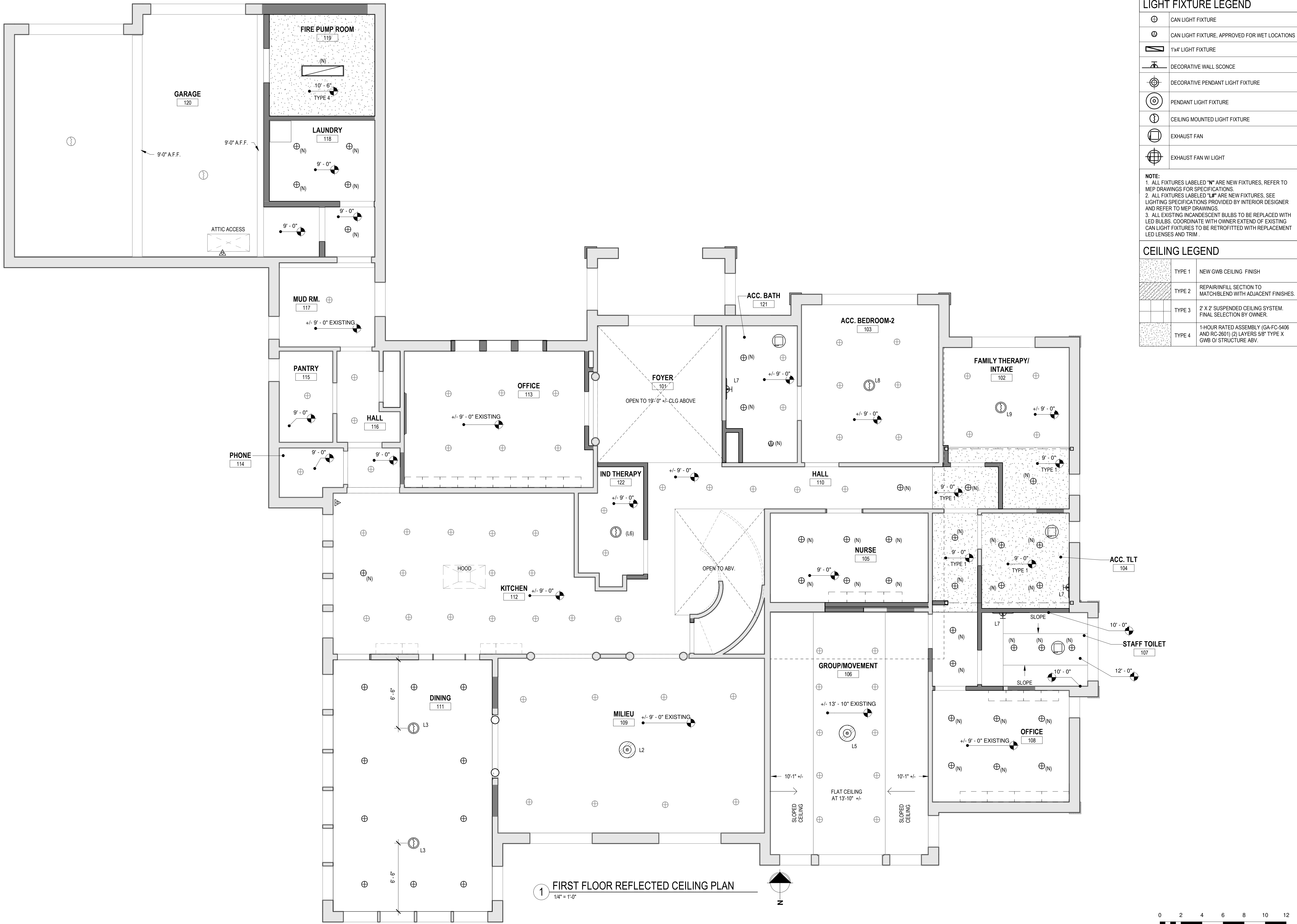
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LOWER LEVEL - RCP

A104

sheet number



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checked by: EES
scale: 1/4" = 1'-0"

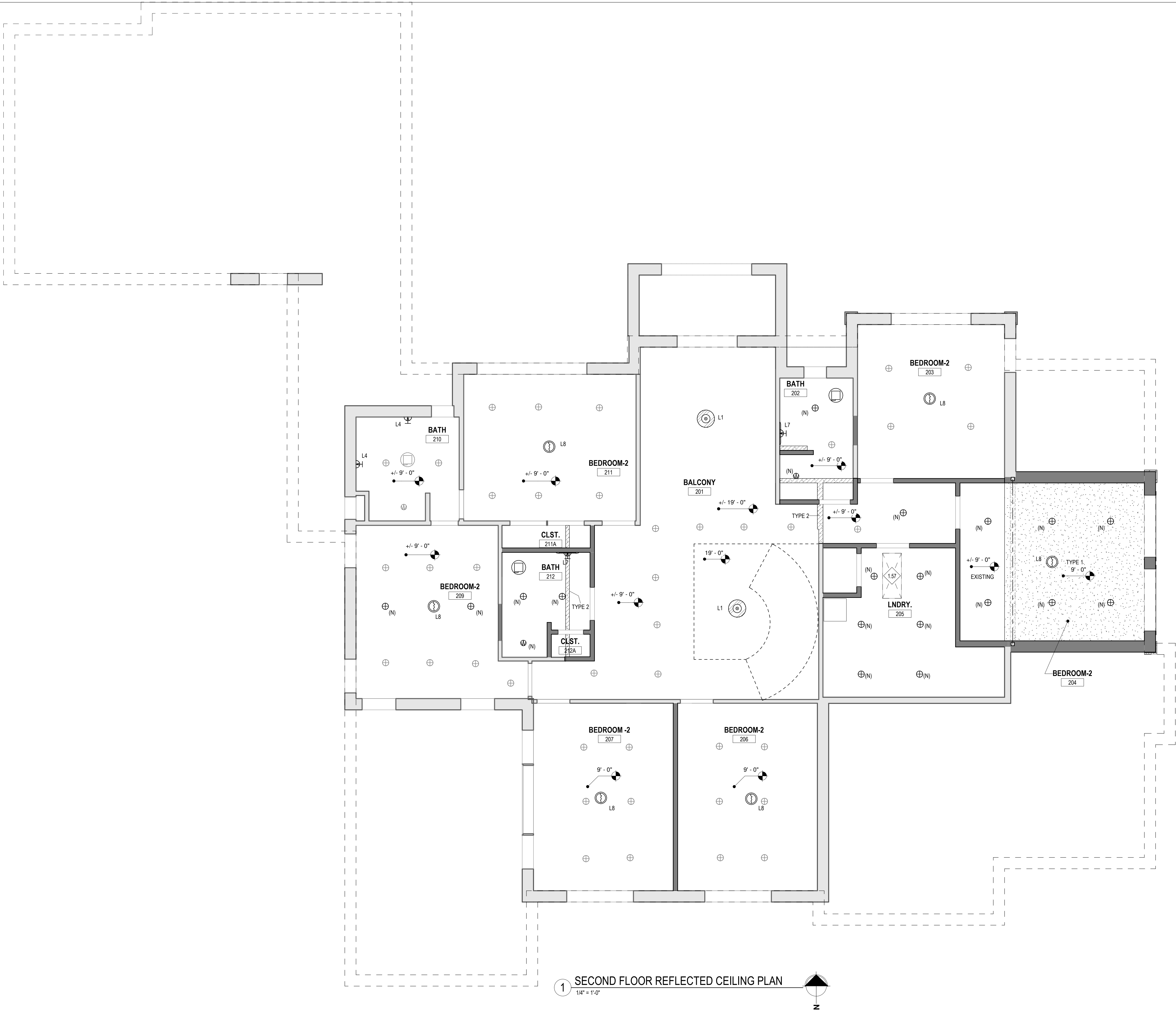
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FIRST FLOOR - RCP

A105
sheet number

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LIGHT FIXTURE LEGEND	
	CAN LIGHT FIXTURE
	CAN LIGHT FIXTURE, APPROVED FOR WET LOCATIONS
	1'x4' LIGHT FIXTURE
	DECORATIVE WALL SCONCE
	DECORATIVE PENDANT LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	EXHAUST FAN
	EXHAUST FAN W/ LIGHT
NOTE: 1. ALL FIXTURES LABELED "N" ARE NEW FIXTURES, REFER TO MEP DRAWINGS FOR SPECIFICATIONS. 2. ALL FIXTURES LABELED "L" ARE NEW FIXTURES, SEE LIGHTING SPECIFICATIONS PROVIDED BY INTERIOR DESIGNER AND REFER TO MEP DRAWINGS. 3. ALL EXISTING INCANDESCENT BULBS TO BE REPLACED WITH LED BULBS. COORDINATE WITH OWNER EXTEND OF EXISTING CAN LIGHT FIXTURES TO BE RETROFITTED WITH REPLACEMENT LED LENSES AND TRIM.	
CEILING LEGEND	
	TYPE 1 NEW GWB CEILING FINISH
	TYPE 2 REPAIR/INFILL SECTION TO MATCH/BLEND WITH ADJACENT FINISHES.
	TYPE 3 2' X 2' SUSPENDED CEILING SYSTEM, FINAL SELECTION BY OWNER.
	TYPE 4 1-HOUR RATED ASSEMBLY (GA-FC-5406 AND RC-2601) (2) LAYERS 5/8" TYPE X GWB O/ STRUCTURE ABV.

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> project



revision schedule		
no.	description	date

> drawing information

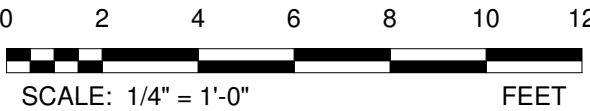
project #: 22-027
date: 06.28.2022
drawn by: DMD/JPB
checked by: EES
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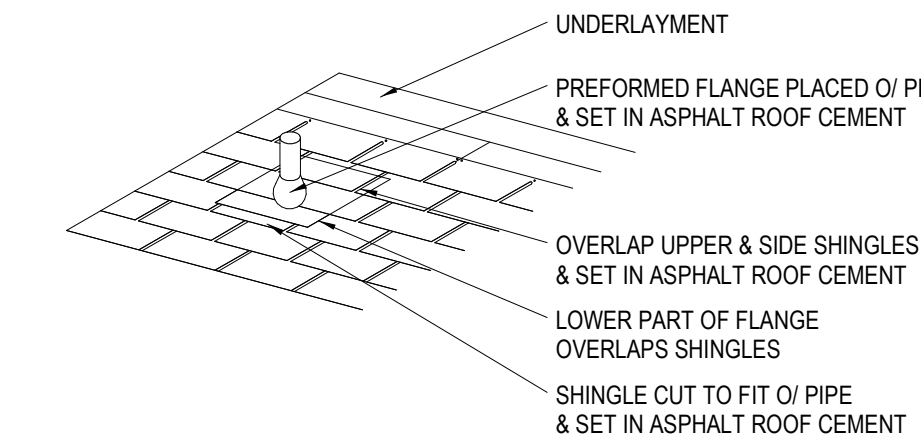
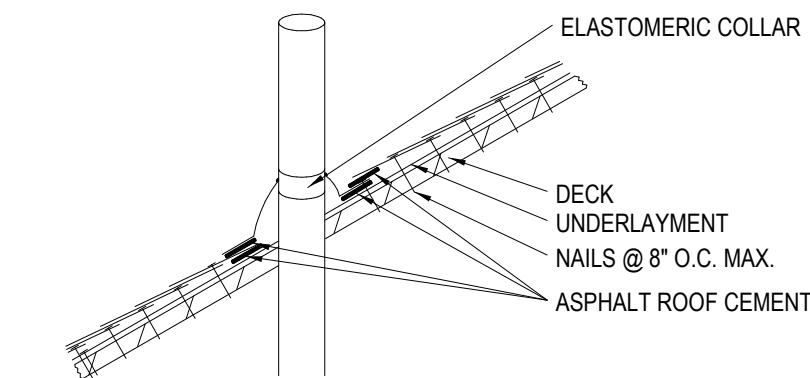
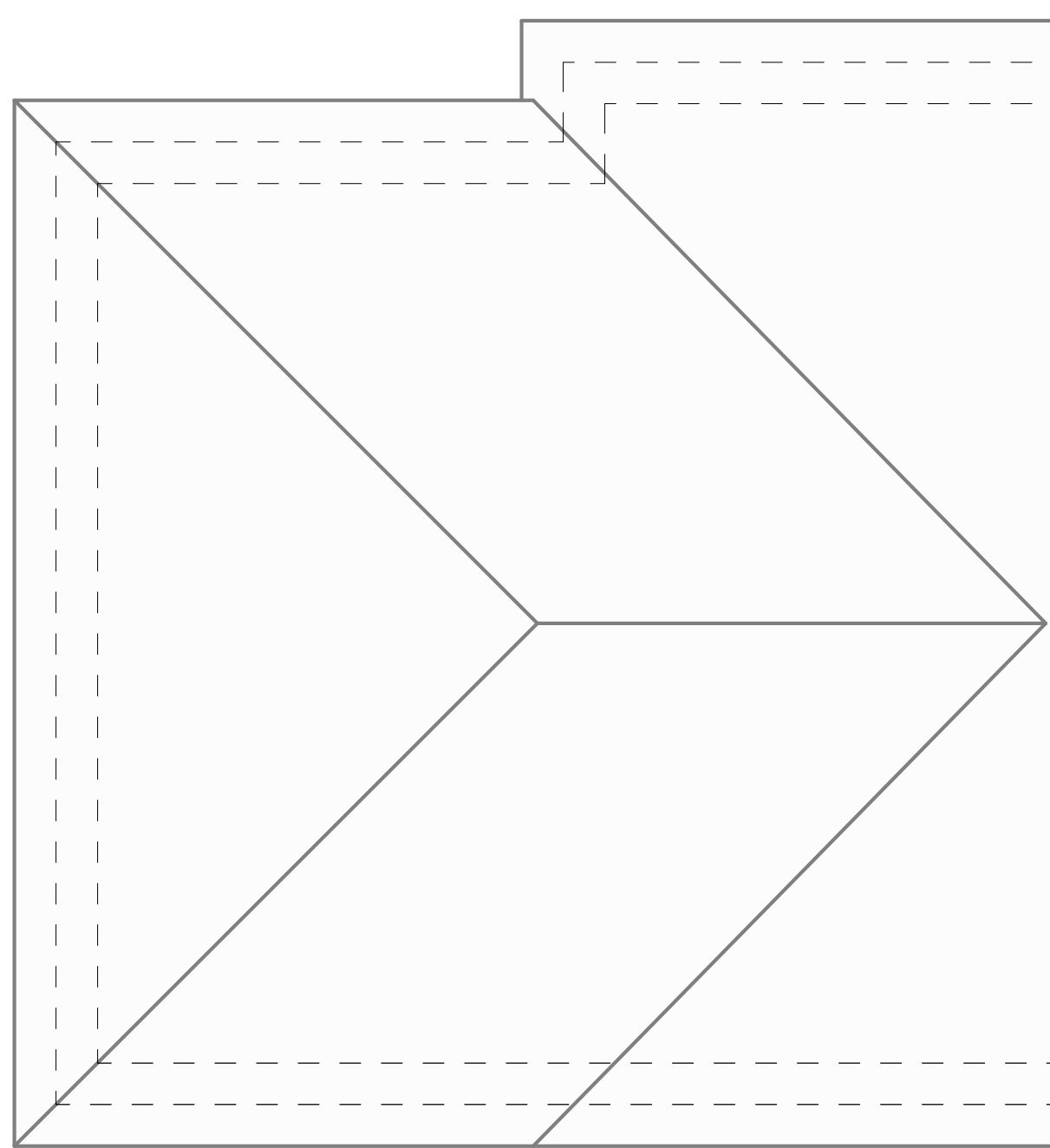
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SECOND FLOOR - RCP

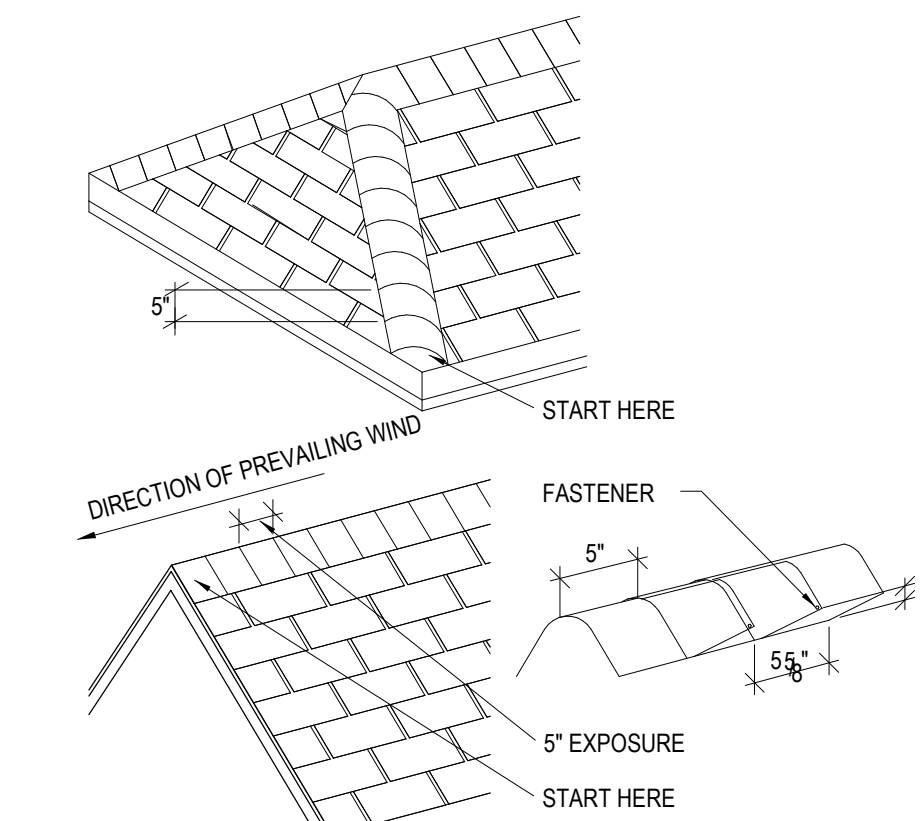
A106
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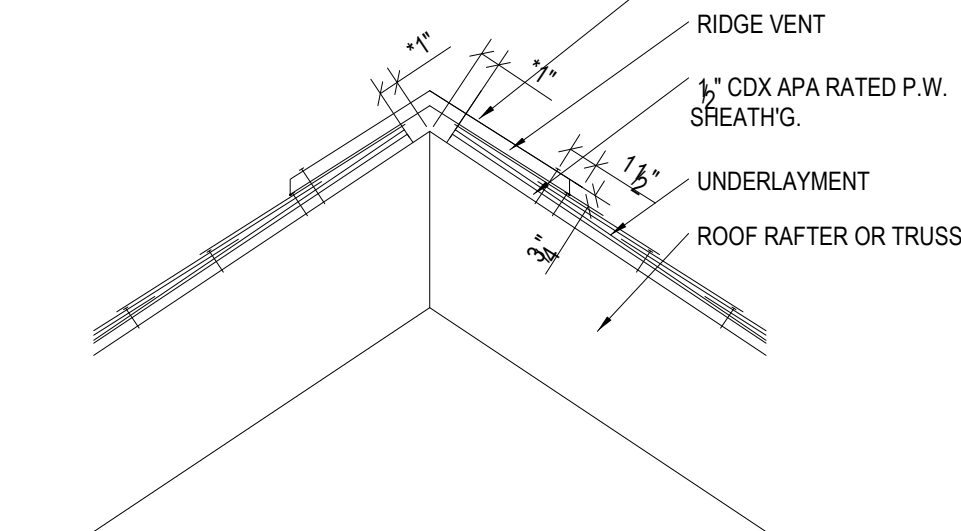
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2 SHINGLES AROUND ROOF VENT



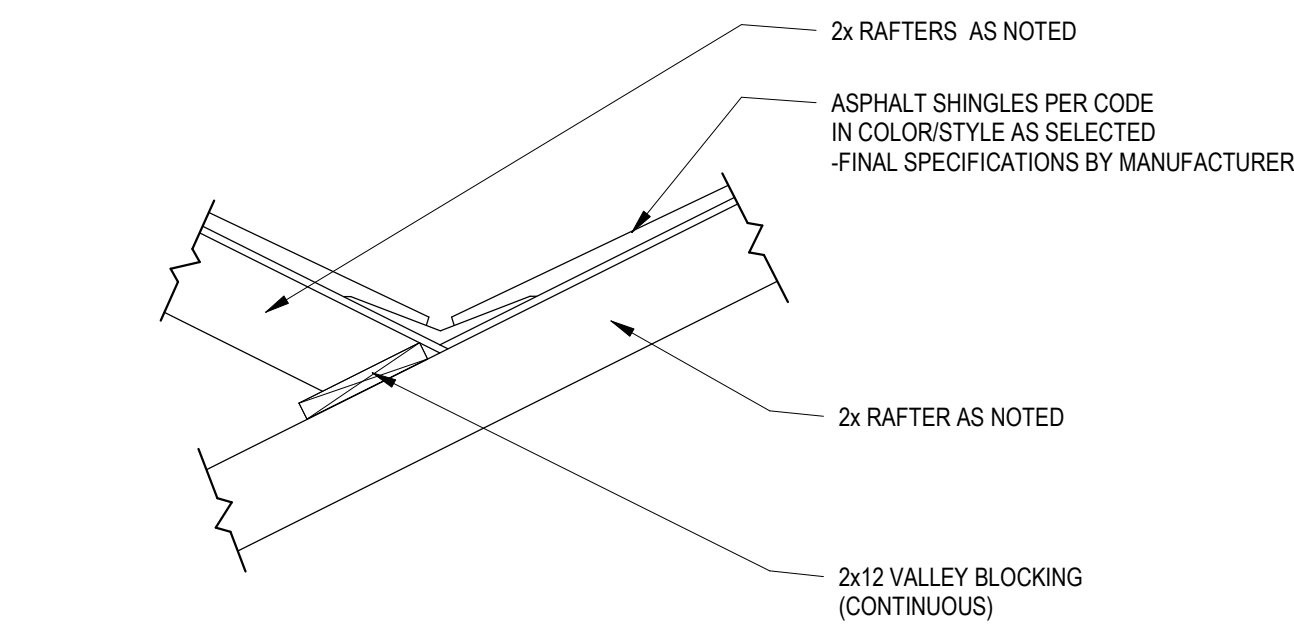
3 HIP AND RIDGE SHINGLES



* WITH A RIDGE BOARD, CUT A 3-1/2" SLOT, 1-3/4" EACH SIDE. DO NOT CUT CLOSER THAN 6" FROM EACH END OF THE RIDGE.

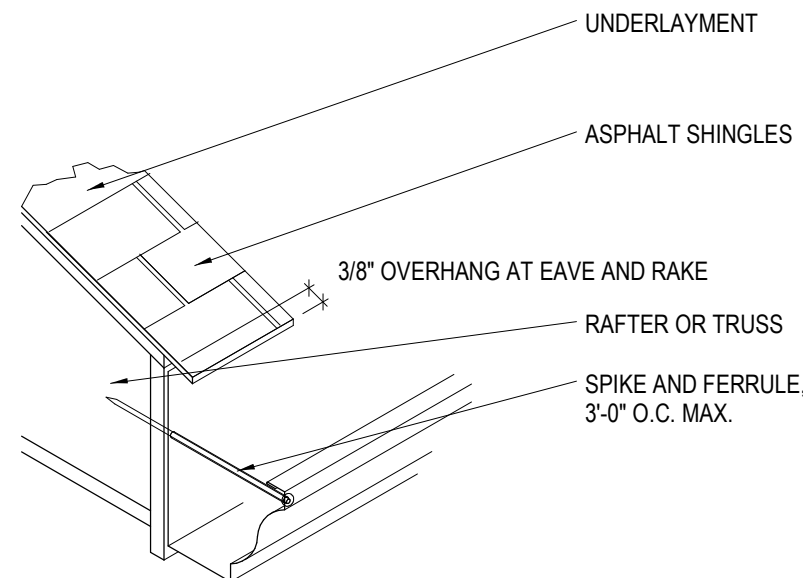
4 RIDGE VENT DETAIL

3/4" = 1'-0"



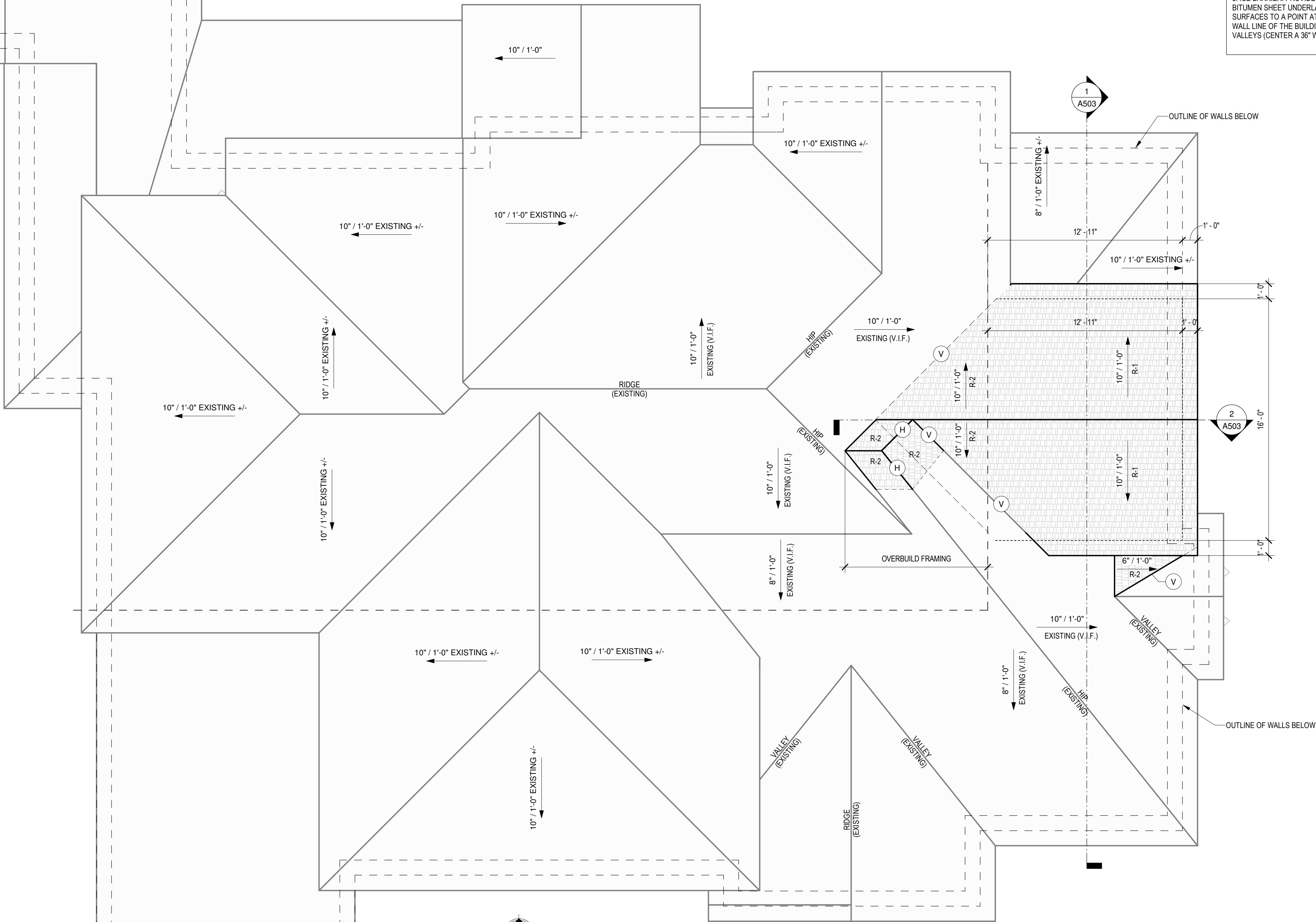
5 APPLIED VALLEY DETAIL

3/4" = 1'-0"



6 GUTTER INSTALLATION

3/4" = 1'-0"



ROOF LEGEND

#12 R-1	ROOF SLOPE 2x10 RAFTERS @ 16" O.C.
#12 R-2	ROOF SLOPE (OVERBUILD FRAMING) 2x6 RAFTERS @ 16" O.C.
(H) HIP	(V) APPLIED VALLEY (SEE DETAIL SHEET A-4.2)

1. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ORDERING ROOF MATERIALS. NOTIFY ARCHITECT OF ANY CHANGES OR DISCREPANCIES BETWEEN WRITTEN DIMENSIONS AND ACTUAL CONDITIONS.
2. PROVIDE MINIMUM SOFFIT AND RIDGE VENTILATION PER BCNYS 1202.2(1/300 REQ. VENT AREA PER S.F. ATTIC AREA)

RIDGE VENT:
- "SHINGLE-VENT II" OR EQUAL

SOFFIT VENT:
- CONTINUOUS VENTED SOFFIT PANELS OR CONTINUOUS STRIP VENT
3. 30 YR. MIN ASPHALT SHINGLE, COLOR/STYLE TO MATCH EXISTING. USE 15-LB FELT PAPER UNDERLAYMENT WITH ICE AND WATER SHIELD STARTER COURSE.
4. ADHERE TO ALL MICROLAM MFR'S. INSTRUCTIONS FOR INSTALLATION OF ENGINEERED WOOD COMPONENTS AND ATTACHMENT TO ALL DIMENSION LUMBER AND FRAMING.
5. ICE BARRIER: PROVIDE SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET UNDERLAYMENT AT LOWEST EDGES OF ALL ROOF SURFACES TO A POINT AT LEAST 24 INCHES INSIDE THE EXTERIOR WALL LINE OF THE BUILDING (PER BCNYS 1507.1.2) AND AT ALL VALLEYS (CENTER A 36" WIDE STRIP AT EACH LOCATION).

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> project



revision schedule

no.	description	date
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> drawing information

project #: 22-027
date: 06.28.2022
drawn by: JPB
checked by: EES
scale: As indicated

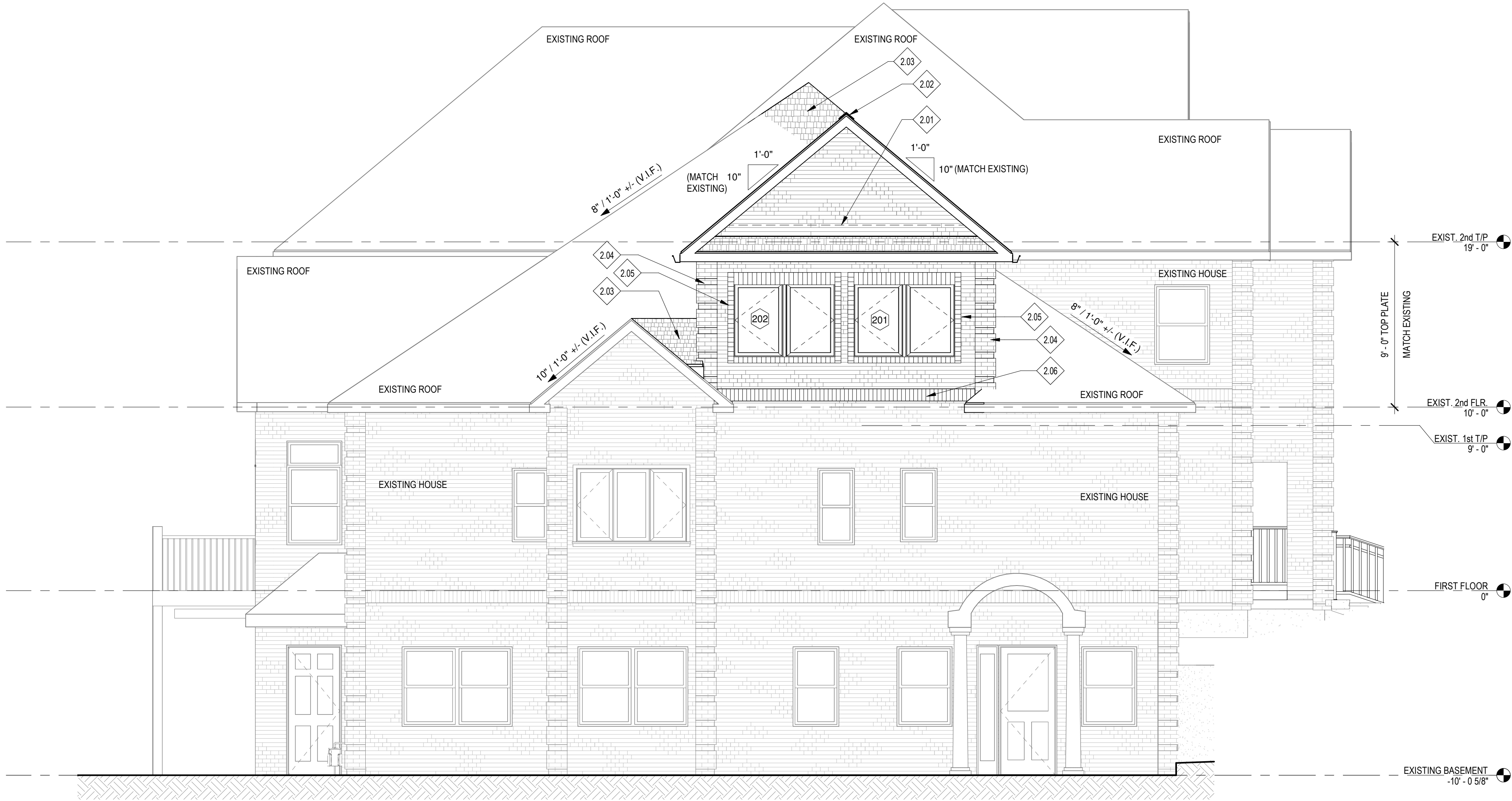
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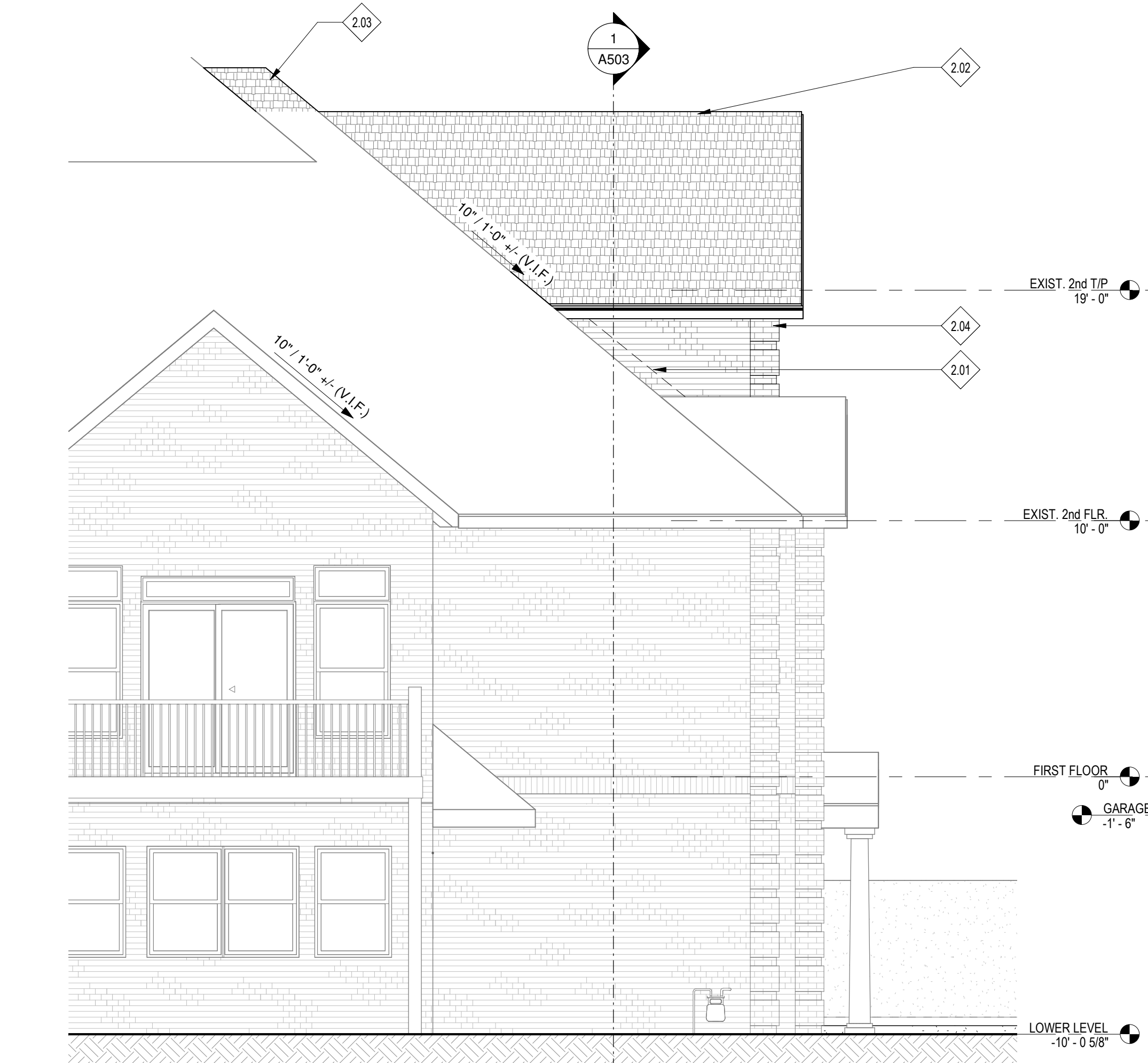
ROOF PLAN

A107
sheet number

0 2 4 6 8 10 12
SCALE: 1/4" = 1'-0" FEET



1 EAST ELEVATION - PROPOSED
1/4" = 1'-0"



2 SOUTH ELEVATION - PROPOSED
1/4" = 1'-0"



3 NORTH ELEVATION - PROPOSED
1/4" = 1'-0"

KEYED NOTES	
2.01	CONCEALED FLASHING
2.02	CONTINUOUS RIDGE VENT
2.03	NEW SECTION OF OVERBUILD ROOF FRAMING
2.04	BRICK QUOIN DETAILING TO MATCH EXISTING.
2.05	TRIM BRICK AT WINDOW TO MATCH EXISTING.
2.06	PROVIDE SOLDIER COURSE BANDING, TO MATCH EXISTING.
2.07	PVC TRIM BOARDS AND PANEL.

NOTES: TRIM, FINISHES, DETAILS	
UNLESS OTHERWISE NOTED	
FASCIA	MATCH EXISTING
CORNER BOARDS/DETAILS	BRICK QUOIN (MATCH EXISTING)
FRIEZE BOARDS/DETAILS	MATCH EXISTING
EAVE OVERHANGS	MATCH EXISTING
RAKE OVERHANGS	MATCH EXISTING
EXTERIOR FINISH (UNLESS NOTED OTHERWISE)	4" BRICK VENEER (ASSUMED), TO MATCH EXISTING. CONTRACTOR TO VERIFY AVAILABILITY. BRICK TO MATCH EXISTING PRIOR TO CONSTRUCTION. COORDINATE W/ OWNER/ARCHITECT
ROOFING	30 YR. MIN ASPHALT SHINGLE. COLOR AND STYLE TO MATCH EXISTING. USE 15-LB FELT PAPER UNDERLAYMENT WITH ICE AND WATER SHIELD STARTER COURSE.
GUTTERS/ DOWNSPOUTS	6" SEAMLESS ALUMINUM GUTTER WITH LEADERS AND DOWNSPOUTS (SITE DRAINAGE TBD BY OWNER). GUTTER TO MATCH EXISTING PROFILE AND COLOR.
WINDOW HEAD HEIGHT:	
FIRST FLOOR	MATCH EXISTING (6'-8" ABOVE SUBFLOOR, ASSUMED)
SECOND FLOOR	MATCH EXISTING (6'-8" ABOVE SUBFLOOR, ASSUMED)
WINDOW MANUFACTURER	TBD, AS APPROVED BY OWNER
ROOF VENTING	RIDGE VENT - "COR-A-VENT" CONTINUOUS SOFFIT VENT - FULLY VENTED VINYL SOFFIT

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REGISTERED ARCHITECT

EDWIN E. SMART

029717

STATE OF NEW YORK

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ELEVATIONS

A201

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ENLARGED PLANS & SECTIONS AT ENTRY

A401

sheet number





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A402

sheet number

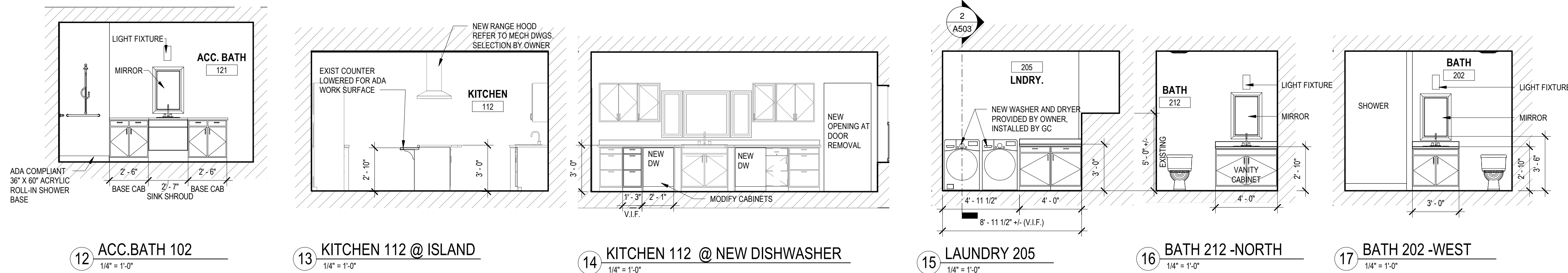
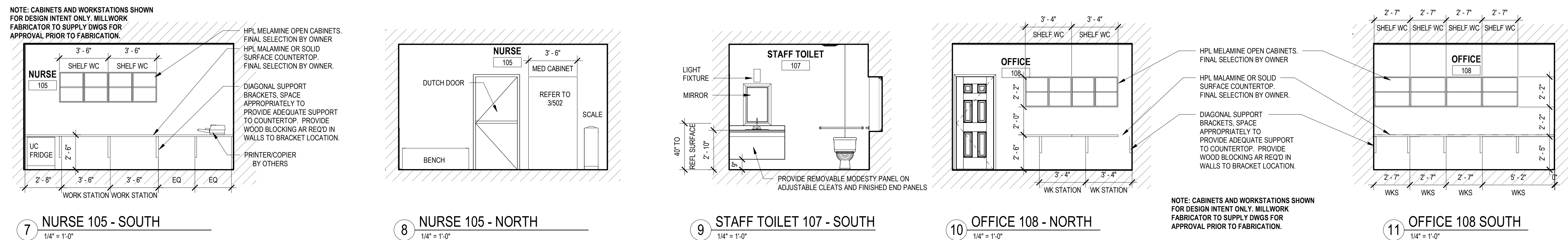


Diagram illustrating the required clearances and components for a shower stall:

- Clearances:**
 - 5'-0" MIN. CLEAR FLOOR SPACE (top and bottom)
 - 2'-6" MIN. CLEAR (left side)
 - 2'-6" MIN. CLEAR (right side)
 - 6" MAX. (left side, near door)
 - 6" MAX. (right side, near door)
 - 6" MAX. (bottom, near door)
 - 1 1/2" MAX. (right side, near door)
- Components and Requirements:**
 - 1/2" HIGH MAX. THRESHOLD PER 608.6
 - GRAB BARS PER 608.3
 - SHOWER SPRAY UNIT PER 608.5 WITH MIN. 59" LONG HOSE
 - SHOWER CONTROL PER 608.4
 - SEAT
- Labels:** SIDE WALL, BACK WALL, FLOOR SPACE, CLEAR, PLAN.

Diagram of the back wall elevation showing dimensions for the back wall, door, and window.

- Back wall width: 2' - 3" MAX.
- Back wall height: 1' - 4" MIN.
- Door width: 6" MAX.
- Door height: 17" MIN. to 19" MAX.
- Window width: 19" MAX.
- Window height: 17" MIN.

GRAB BARS
PER 608.3

CONTROL UNIT PER 608.4

SEAT
PER 610

MAX.

Diagram of a vertical storage unit. The top width is labeled "1' - 8\"". The depth is labeled "DEPTH". The unit has a top section and a bottom section, both with multiple horizontal compartments. The bottom section is labeled "1' - 8\"".

PROVIDE ADJUSTABLE
SHELVING IN LOWER CABINETS

MOVABLE MODESTY PANEL.
ADJUSTABLE CLEATS.
WIDE FINISHED END
FASLS AT EXPOSED ENDS.

NOTE:
SHOWN FOR DESIGN INTENT ONLY.
MILLWORK FABRICATOR TO SUPPLY SHOP DWGS
FOR APPROVAL PRIOR TO FABRICATION.

—HPL MELAMINE OPEN UPPER CABTS.
FINAL SELECTIONS TDB BY OWNER

—HPL MELAMINE OR SOLID SURFACE COUNTERTOP.
FINAL SELECTIONS TDB BY OWNER

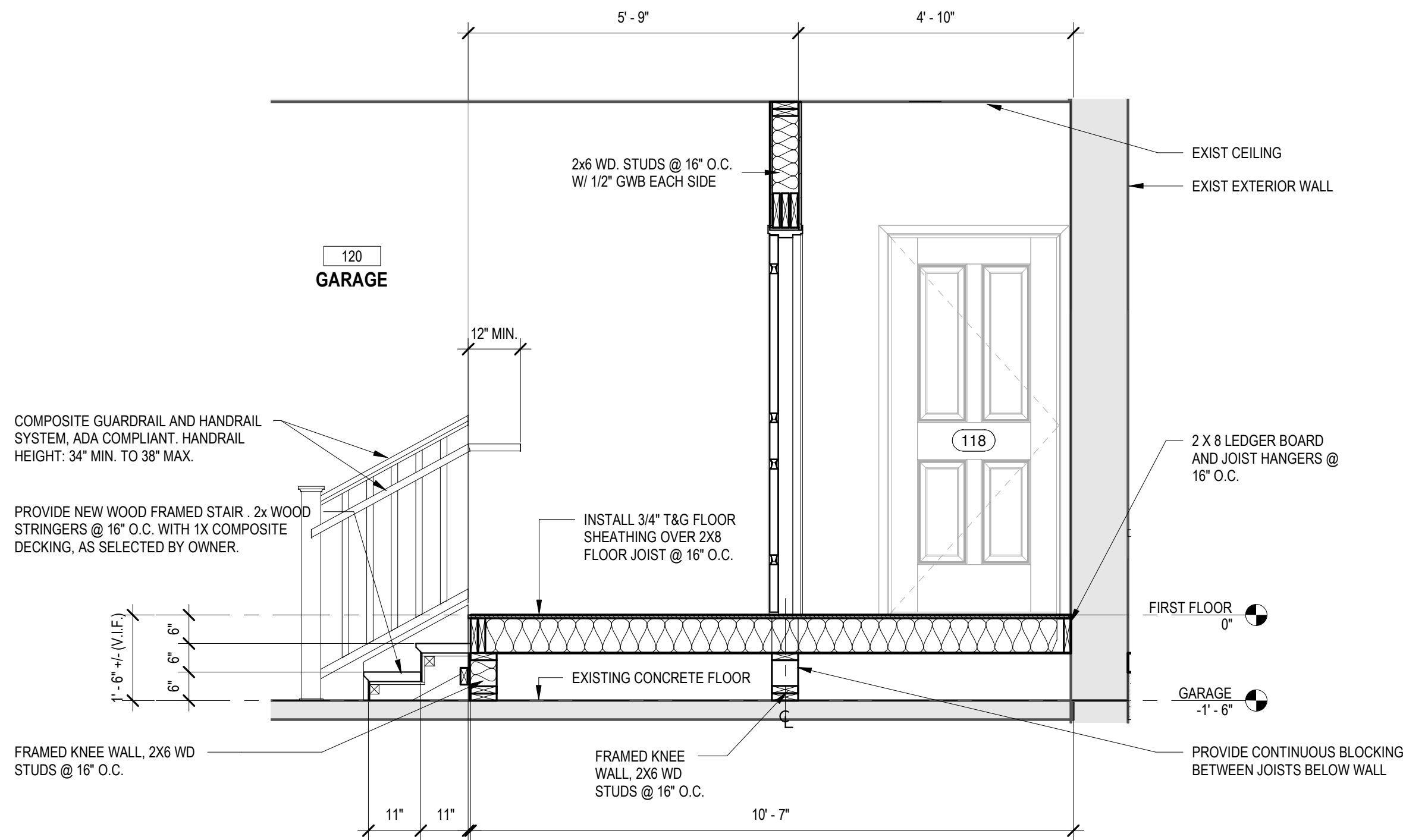
—DIAGONAL SUPPORT BRACKETS, SPACE
APPROPRIATELY TO PROVIDE ADEQUATE SUPPORT
TO COUNTERTOP. PROVIDE WOOD BLOCKING AS
REQUIRED IN WALLS AT BRACKET LOCATIONS.

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

3 $1/2'' = 1'-0''$

4 $1/2^8 = 1'-0''$

1/2" = 1'-0"



1/2" = 1'-0"

DOOR - GENERAL NOTES

1. ALL NEW DOORS, TRIM, AND MOLDINGS TO MATCH EXISTING STYLE, PROFILES, AND FINISHES.
2. REFER TO DOOR HARDWARE NOTES ON SHEET G06. PROVIDE HARDWARE AS REQUIRED FOR BOTH NEW AND EXISTING DOORS.
3. COORDINATE WITH OWNER THE REUSE IF ANY SALVAGED DOOR. DOOR MUST MATCH PROPOSED SIZE AND HINGE/SWING OF SCHEDULED DOOR.
4. COORDINATE WITH OWNER THE REPLACEMENT OF ANY EXISTING INTERIOR DOOR SLABS AND HARDWARE.
5. NEW DOORS TO MEET 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS REQUIREMENTS.
REFER TO SECTION C402 BUILDING ENVELOPE REQUIREMENTS
 - PENETRATION CRITERIA: SEE TABLE C402.4 CLIMATE ZONE 4A, MAXIMUM U FACTOR CRITERIA
 - AIR LEAKAGE/ THERMAL ENVELOPE: SEE TABLE C402.5.2, AIR LEAKAGE OF PENETRATION, MAXIMUM AIR LEAKAGE RATE

NUMBER	WIDTH	HEIGHT	DESCRIPTION	COMMENTS
101	2' - 4"	4' - 0"	CASEMENT	SEE EXTERIOR ELEVATION-PVC TRIM BOARD AND PANELS
102	2' - 4"	4' - 0"	CASEMENT	SEE EXTERIOR ELEVATION-PVC TRIM BOARD AND PANELS
103	2' - 4"	4' - 0"	CASEMENT	SEE EXTERIOR ELEVATION-PVC TRIM BOARD AND PANELS
201	5' - 6"	4' - 0"	MULLED UNIT, (2) CASEMENTS	RESCUE WINDOW
202	5' - 6"	4' - 0"	MULLED UNIT, (2) CASEMENTS	RESCUE WINDOW

1. ALL NEW WINDOWS, TRIM, AND MOLDINGS TO MATCH EXISTING STYLE, PROFILES, AND FINISHES.
2. NEW WINDOWS TO MEET 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS REQUIREMENTS. REFER TO SECTION C402 BUILDING ENVELOPE REQUIREMENTS
- FENESTRATION CRITERIA: SEE TABLE C402.4: CLIMATE ZONE 4A, MAXIMUM U FACTOR CRITERIA
- AIR LEAKAGE/ THERMAL ENVELOPE: SEE TABLE C402.5.2, AIR LEAKAGE OF FENESTRATION, MAXIMUM AIR LEAKAGE RATE

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DETAILS, SECTIONS, SCHEDULES

A502

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3 SECTION AT EAVE
1" = 1'-0"



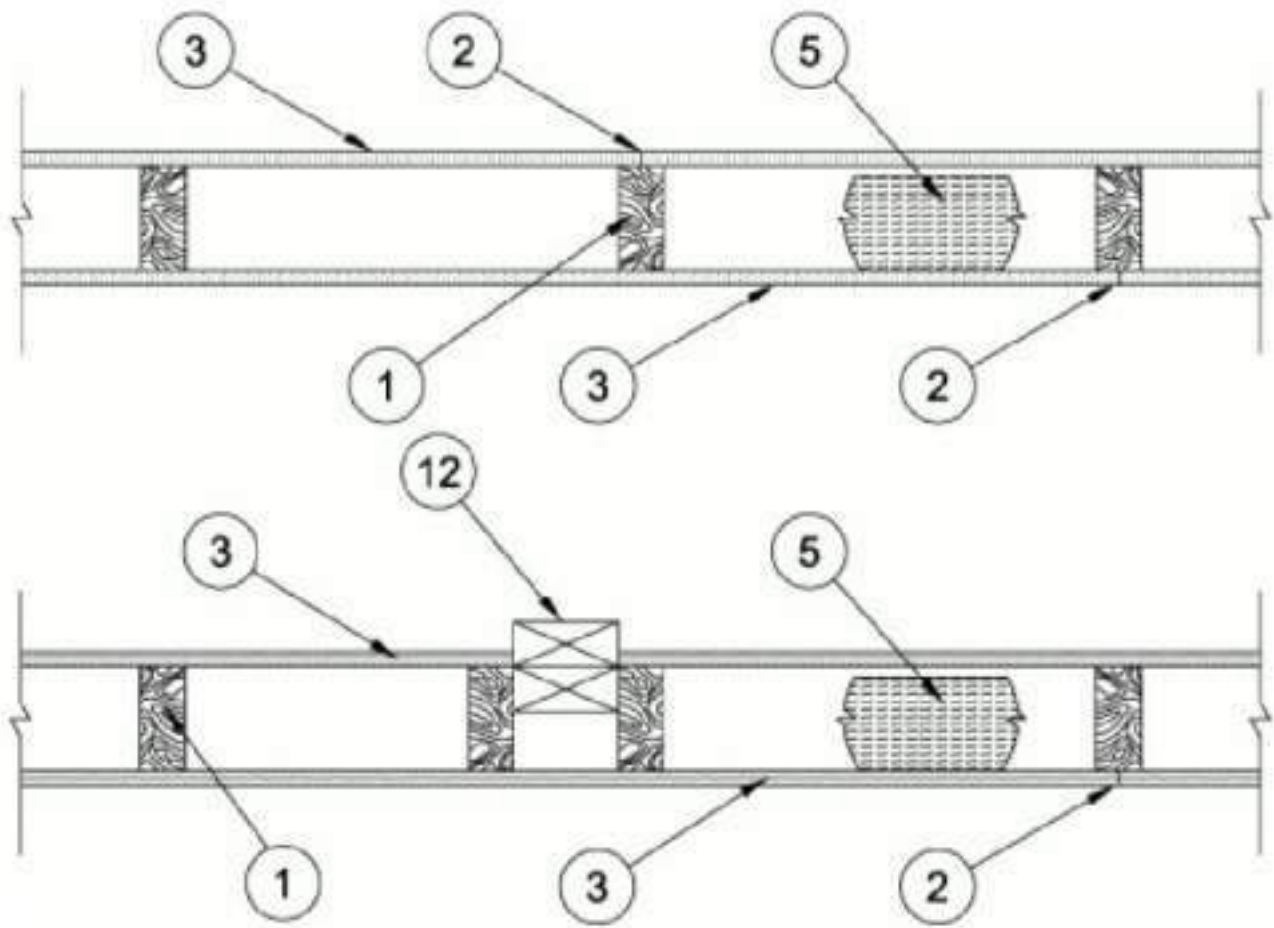
Design No. U305

June 28, 2019

Bearing Wall Rating — 1 Hr

Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3J and 3L.

STC Rating - 56 (See Item 9)



1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.

2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads: exposed or covered with joint compound.

3. Gypsum Board* — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3B. Gypsum Board* — (As an alternate to Item 3) — Nom 3/4 in. thick, installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A.

3C. Gypsum Board* — (As an alternate to Items 3, 3A and 3B) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.

3D. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, or 3C — Not Shown) — For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

3E. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, and 3D) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed horizontally.

3F. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) — 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC thereafter.

3G. Gypsum Board* — (As an alternate to Items 3 through 3F) — 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

3H. Gypsum Board* — (As an alternate to Items 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

3J. Gypsum Board* — (As an alternate to Item 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically or horizontally. Gypsum panels secured per item 3 or 3A.

3K. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 8 in. OC with the last screw 1 in. from the edge of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3L. Gypsum Board* — (As an alternate to Item 3) — For Direct Application to Studs Only — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 0.140 in. thick, compression fitted or adhered over the screw heads. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".

3M. Gypsum Board* — (As an alternate to Items 3) — For Direct Application to Studs Only — For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4.

3N. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick, 4 ft. wide, applied horizontally or vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 3 or 3A.

3O. Wall and Partition Facings and Accessories* — (As an alternate to Item 3, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound.

3P. Gypsum Board* — (As an alternate to Item 3, Not Shown) — Two layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by wood studs. Horizontal joints on the same side between face and base layers need not be staggered. Base layer gypsum panels fastened to studs with 1-1/4 in. long drywall nails spaced 8 in. OC. Face layer gypsum panels fastened to studs with 1-7/8 in. long drywall nails spaced 8 in. OC starting with a 4" stagger.

3Q. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3R. Gypsum Board* — (As an alternate to Item 3. For use with Item 5H) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied either horizontally or vertically, and screwed to panels with 1-5/8 in. long Type W coarse thread steel screws at 8 in. OC at perimeter and in the field with the last two screws 4 and 3/4 in. from the edges of the board when applied as the base layer. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3S. Gypsum Board* — 3/4 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels secured as described in Item 3 with nail length increased to 2 in.

3T. Wall and Partition Facings and Accessories* — (As an alternate to 5/8 in. thick board as outlined in Item 3) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field.

4. Steel Corner Fasteners — (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. Batts and Blankets* — (Optional — Required when Item 6A is used (RC-1)) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.

5D. Glass Fiber Insulation — (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

5E. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.

8. Caulking and Sealants — (Not Shown, Optional) — A bead of acoustical sealant applied around the partition perimeter for sound control.

11. Cementitious Backer Units* — (Optional Item Not Shown — For Use On Face Of 1 Hr Systems With All Standard Items Required) - 7/16 in., 1/2 in., 5/8 in., 3/4 in. or 1 in. thick, min. 32 in. wide. Applied vertically or horizontally with vertical joints centered over studs. Fastened to studs and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.

12. Non-Bearing Wall Partition Intersection — (Optional) —Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC, vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC, vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2019-06-28

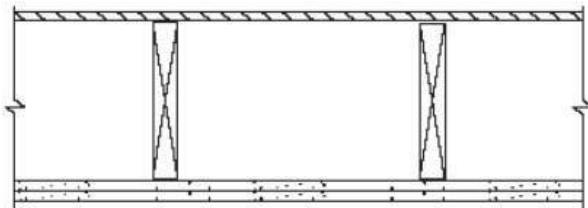
GA FILE NO. RC 2601

GENERIC

1 HOUR FIRE

GYPSUM WALLBOARD, WOOD JOISTS, ROOF COVERING

Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 11/4" Type W or S drywall screws 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 17/8" Type W or S drywall screws 12" o.c. at joints and intermediate joists and 11/2" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting 1/2" plywood with exterior glue applied at right angles to joists with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for framing, including trusses.



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98

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> project



revision schedule		
no.	description	date

> drawing information

project #: 22-027
date: 06.28.2022
drawn by: DMD/JPB
checked by: EES
scale: 1/2" = 1'-0"

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> sheet name

UL DETAILS - WALL
AND ROOF
ASSEMBLIES

A601

sheet number

1. GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR FIRE-RATING) (2-HR. SHOWN)
2. (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. (OPTIONAL): MAXIMUM 18" DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40 OR HEAVIER).
4. PENETRATING ITEM TO BE ANY OF THE FOLLOWING:
 - A. MAXIMUM 12" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 40 OR HEAVIER).
 - B. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
5. MAXIMUM 2" THICK GLASS-FIBER PIPE INSULATION.
6. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.
7. MINIMUM 1/2" BEAD HILTI FS-TWO INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

1. MAXIMUM DIAMETER OF OPENING:
A. 18" FOR STEEL STUD WALLS.
B. 14-1/2" FOR WOOD STUD WALLS.
2. ANNULAR SPACE FOR INSULATED STEEL PIPE =0", MAXIMUM 1/2".
3. ANNULAR SPACE FOR INSULATED COPPER PIPE =0", MAXIMUM 1-7/8"

The drawing consists of two views of a composite beam:

- FRONT VIEW:** Located on the left, it shows a cross-section of the beam. It features a central core of 16 circular rods arranged in a 4x4 grid, surrounded by a thick, shaded outer layer. A section line 'A-A' is indicated at the top and bottom with arrows pointing to the right.
- SECTION A-A:** Located on the right, it shows a longitudinal section of the beam. It reveals the internal structure of the rods and the surrounding material. Numbered callouts identify the following components:
 - 1: Points to the top vertical reinforcement bar.
 - 2: Points to the top horizontal reinforcement bar.
 - 3: Points to the top horizontal reinforcement bar.
 - 4: Points to the top horizontal reinforcement bar.
 - 5: Points to the top horizontal reinforcement bar.
 - 6: Points to the bottom horizontal reinforcement bar.

At the bottom right of the section view, a dimension line indicates a length of **MAXIMUM 18"**.

1. GYPSUM WALL ASSEMBLY (UL/CUL CLASSIFIED U300, U400, OR V400) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).

2. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.

3. [OPTIONAL] MAXIMUM 4" NOMINAL DIAMETER EMT, STEEL PIPE (SCHEDULE 50 HEAVIER) OR 28 GA. GALVANIZED STEEL SLEEVE, CAST INTO WALL WITH JOINT COMPOUND FLUSH WITH WALL SURFACES (SEE NOTE NO.5 BELOW).

4. CABLE BUNDLE TO CONSIST OF ANY COMBINATION OF THE FOLLOWING:

- A. MAXIMUM 7/8" NO.12 AWG POWER CABLE WITH PVC JACKET.
- B. MAXIMUM 25 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC JACKET.
- C. RG/Q COAXIAL CABLE WITH PVC JACKET.
- D. MAXIMUM 3/8" NO. 8 AWG METAL-CLAD CABLE.
- E. MAXIMUM 3" (+GROUND) NO. 4 AWG COPPER CONDUCTOR CABLE (ROMEX).
- F. MAXIMUM 5/8" DIAMETER FIBER-OPTIC CABLE WITH PVC JACKET.
- G. MAXIMUM 3/4" DIAMETER CORDING CORD CABLE WITH OR WITHOUT PVC JACKET.
- H. MAXIMUM 1-1/4" DIAMETER SINGLE OR MULTIPLE CONDUCTOR TYPE MI CABLE (SEE NOTE NO. 4 BELOW).

ANY CABLES, METAL-CLAD CABLES, OR ARMORED CABLES CURRENTLY LISTED UNDER THE THROUGH PENETRATING PRODUCTS CATEGORY.

1. MAXIMUM DIAMETER OF OPENING WITH SLEEVE =5-1/2".
2. MAXIMUM DIAMETER OF OPENING WITHOUT SLEEVE ="4".
3. ANNULAR SPACE ="MINIMUM 0", MAXIMUM 1".
4. A MINIMUM 1/8" SEPARATION SHOULD BE MAINTAINED BETWEEN MI CABLES AND ANY OTHER TYPES OF CABLE.
5. CABLES TO FILL MAXIMUM 45% OF CROSS-SECTIONAL AREA OF OPENING.
6. WHEN SCHEDULE 5 STEEL PIPE OR EMT IS USED, SLEEVE MAY EXTEND UP TO 18" BEYOND WALL SURFACE.

[illegible]

1. GYPSUM WALL ASSEMBLY (VULCAN CLASSIFIED U300, U400 OR V400 SERIES) (1 HR OR 2 HR FIRE-RATING) (2 HR SHOWN) TO INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

- A. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER/SPACED MAXIMUM 16" OC) STEEL STUDS TO BE MINIMUM 3-1/2" WIDE (SPACED MAXIMUM 24" OC)
- B. NOMINAL 5/8" THICK GYPSUM WALL BOARD. TYPE, NUMBER OF LAYERS AND SHEET ORIENTATION AS SPECIFIED IN THE INDIVIDUAL UL DESIGN.

2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 - A. MAXIMUM 4" NOMINAL DIAMETER PVC PLASTIC PIPE (CELLULAR OR SOLID CORE)
 - B. MAXIMUM 4" NOMINAL DIAMETER ABX PLASTIC PIPE (CELLULAR OR SOLID CORE)
 - C. MAXIMUM 4" NOMINAL DIAMETER CPVC PLASTIC PIPE (CLOSED PIPING SYSTEM ONLY)
 - D. MAXIMUM 4" NOMINAL DIAMETER FRPP PLASTIC PIPE.
3. [OPTIONAL] PIPE COUPLING TO BE SAME SIZE AND TYPE OF PIPE (SEE NOTE NO 4 BELOW).
4. MINIMUM 1/4" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT REQUIRED WHEN COUPLING IS RECESSED INTO OPENING.
5. HILTI CP 648E WRAP STRIP (SIZE SHOWN IN THE TABLE BELOW) CONTINUOUSLY WRAPPED AROUND THE OUTER CIRCUMFERENCE OF THE PIPE, COVERING TWO TIMES, AND HELD IN PLACE WITH TAPE.
6. HILTI RETAINING COLLAR (SIZED TO MATCH WRAP STRIP) WRAPPED OVER WRAP STRIPS, OVERLAPPING MINIMUM 1".
7. HILTI COLLAR CLAMP(S) FASTENED AT MID-HEIGHT OF RETAINING COLLAR.
8. FASTEN EVERY OTHER TAB OF RETAINING COLLAR TO GYPSUM WALL WITH 1-1/2" LONG STEEL DRYWALL OR LAMINATE SCREWS AND 3/4" STEEL WASHERS.

PIPE SIZE	FIRESTOP PRODUCT
2" OR SMALLER	CP 648E W25/1"
GREATER THAN 2"	CP 648E W45/1-3/4"

1. MAXIMUM DIAMETER OF OPENING = 5".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2".
3. CLOSED OR VENTED PIPING SYSTEMS (PVC, ABS, FRPP = SCHEDULE 40, CPVC = SDR 13.5).
4. PIPE COUPLING MAY BE INSTALLED FLUSH WITH EITHER SIDE OF WALL OR RECESSED SUCH THAT THE COUPLING EXTENDS 1/4" BEYOND THE RETAINING COLLAR ON EITHER SIDE OF THE WALL.

FRONT VIEW

SECTION A-A

1. GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2- HR, SHOWN)
2. (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
 - A. MAXIMUM 30" DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 - B. MAXIMUM 30" DIAMETER CAST IRON PIPE.
 - C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
 - D. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
 - E. MAXIMUM 4" NOMINAL DIAMETER EMT.
4. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.
5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.

1. MAXIMUM DIAMETER OF OPENING :
 - A. 32-1/4" FOR STEEL STUD WALLS.
 - B. 14-1/2" FOR WOOD STUD WALLS.
2. ANNUAL SPACE = MINIMUM 0", MAXIMUM 2-1/4".
3. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT OF CONTACT.
4. PIPE MAY BE INSTALLED AT AN ANGLE NOT GREATER THAN 45° FROM PERPENDICULAR.

Figure 1 consists of two detail drawings of a door frame. Drawing (a) is a plan view of a circular door with a handle and a keyhole. A section line A-A is indicated. Drawing (b) is a section view showing the door frame assembly. It includes labels 1 through 5: 1 points to the top of the frame, 2 points to the side of the frame, 3 points to the bottom of the frame, 4 points to the door leaf, and 5 points to the door handle.

1. GYPSUM WALL ASSEMBLY (UL/CUL CLASSIFIED U300 , U400 OR V400 SERIES) (1 HR OR 2 HR FIRE-RATING) (2 HR SHOWN).
2. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 - A. MAXIMUM 2" NOMINAL DIAMETER PVC PLASTIC PIPE (SCHEDULE 40 OR HEAVIER) (CELLULAR OR SOLID CORE) (CLOSED PIPING SYSTEM ONLY).
 - B. MAXIMUM 2" NOMINAL DIAMETER CPVC PLASTIC PIPE (SDR 11 OR SDR 13.5)(CLOSED PIPING SYSTEM ONLY).
4. MINIMUM 5/8" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.
5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.

1. MAXIMUM DIAMETER OF OPENING = 3".
2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 5/8"

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> project
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no.	description	date
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project #: 22-027
date: 06.28.2022
drawn by: DMD/JPB
checked by: EES
scale: As indicated

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> sheet name

FIRESTOPPING DETAILS

A602

sheet number

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REGISTERED ARCHITECT

EDWIN E. SMART

028717

STATE OF NEW YORK

revision schedule

no.	description	date
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> drawing information

project #:

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date:

06.28.2022

drawn by:

DMD/JPB

checked by:

EES

scale:

12" = 1'-0"

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> sheet name

FIRESTOPPING
DETAILS

A603

sheet number

UL/cUL SYSTEM NO. W-L-7059
INSULATED DUCT THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
F-RATING = 1-HR. OR 2-HR.
T-RATING = 1/2-HR. OR 3/4-HR.

1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U400 SERIES WALL) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
2. (NOT SHOWN). STEEL STUDS TO BE MINIMUM 2-1/2" WIDE. OPENING TO BE "FRAMED OUT" ON ALL SIDES OF OPENING WITH LIGHT GAGE METAL STUD MATERIAL.
3. MAXIMUM 24" x 12" RECTANGULAR SHEET METAL DUCT (MINIMUM 24 GA.). (NOTE: NOT FOR USE IN DUCT SYSTEMS CONTAINING A FIRE DAMPER).
4. MAXIMUM 1-1/2" THICKNESS GLASS FIBER DUCT INSULATION (MIN. 3/4 PCF DENSITY) WITH FOIL-SCRM-KRAFT FACING. (SEE NOTE NO 2 BELOW).
5. HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT:
A. MINIMUM 5/8" DEPTH OF SEALANT FOR A 1-HR. FIRE-RATING.
B. MINIMUM 1-1/4" DEPTH OF SEALANT FOR A 2-HR. FIRE-RATING.

NOTES:

1. MAX. AREA OF OPENING = 395 SQ IN. WITH A MAX. DIM. OF 26-3/4".
2. INSULATION SHOULD BE COMPRESSED 50% SUCH THAT THE ANNULAR SPACE = MIN. 1/4", MAX. 1".

UL/cUL SYSTEM NO. W-L-7143
SHEET METAL DUCT THROUGH GYPSUM WALL ASSEMBLY
F RATINGS -- 1 AND 2 HR (SEE ITEMS 1 AND 2)
T RATINGS -- 0 AND 1/2 HR (SEE ITEM 1)

1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U400 SERIES) (1-HR. OR 2HR. FIRE-RATING (2-HR. SHOWN).
2. STEEL STUDS TO BE MINIMUM 3-1/2" WIDE. OPENING TO BE COMPLETELY "FRAMED OUT".
3. MAXIMUM 24"x 24" RECTANGULAR SHEET METAL DUCT (MIN. 24 GA.) (NOT FOR USE IN DUCT SYSTEMS CONTAINING A FIRE DAMPER.)
4. MINIMUM 3-3/4" OR 5" THICKNESS MINERAL WOOL (MIN 4" PCF DENSITY) TIGHTLY PACKED INTO OPENING FOR 1-HR. OR 2-HR. FIRE-RATED WALLS, RESPECTIVELY.
5. MINIMUM 1/2" DEPTH HILTI CP 606 FLEXIBLE FIRESTOP SEALANT.
6. MINIMUM 1/4" BEAD HILTI CP 606 FLEXIBLE FIRESTOP SEALANT APPLIED AT POINT OF CONTACT (SEE NOTE NO 3 BELOW).

NOTES:

1. MAXIMUM SIZE OF OPENING = 25"x 25".
2. ANNULAR SPACE = MINIMUM 1/2", MAXIMUM 1".
3. FOR 2-HR. FIRE-RATED WALLS ONLY, SHEET METAL DUCT MAY HAVE 0" ANNULAR SPACE AT THE BOTTOM OF THE DUCT.

GENERAL INTERIOR FINISH NOTES

SHEET INDEX

GENERAL FINISH NOTES

1.

FOR ANY QUESTIONS REGARDING INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS CONTACT DEANNA MARTINEZ: (760) 519-6214.
2.

ALL MATERIALS/PRODUCTS ARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
3.

NO SUBSTITUTION OF ANY FINISHES IS ALLOWED WITHOUT APPROVAL OF DESIGN BUILD CONTRACTOR AND INTERIOR DESIGNER.
4.

ALL ROOMS CALLED OUT TO HAVE TILE ON WALLS AND FLOOR TO INCLUDE MANUFACTURER'S TRIM/ ACCESSORY PIECES AS REQUIRED FOR COMPLETE INSTALLATION.
5.

VARIOUS TILES INSTALLED TOGETHER IN PATTERNS ON ONE SURFACE (EITHER HORIZONTAL OR VERTICAL) MUST BE INSTALLED WITH THE FINISH SURFACE OF ALL TILES FLUSH WITH EACH OTHER. MAKE SURE TO CHECK ALL TILE THICKNESS AND TILE PATTERNS IN ADVANCE OF INSTALLATION TO INSURE PROPER FLUSH FINISHED SURFACE.
6.

ALIGN ALL CERAMIC AND PORCELAIN BASE AND FLOOR TILE.
7.

ALL CERAMIC AND PORCELAIN WALL TILE TO FLUSH OUT WITH BASE.
8.

PROVIDE SUBMITTALS OF ALL INTERIOR FINISHES, PRODUCTS AND EQUIPMENT BEING SPECIFIED ON THIS PROJECT FOR REVIEW AND APPROVAL PRIOR TO ORDER ENTRY.

CEILING FINISHES

1.

REFER TO ARCHITECTURAL DRAWINGS FOR NOTES ON ALL CEILING TYPES.
2.

REFER TO ELECTRICAL DRAWINGS FOR ALL LIGHTING LOCATIONS.
3.

WHERE GYP. BOARD CEILINGS ARE CALLED OUT TO BE PAINTED, PAINT P7 U.N.O.
4.

ALL EXISTING CROWN MOULDING TO BE REPLACED WITH CM1, U.O.N.

INTERIOR DOORS AND FRAMES

1.

REFER TO ARCHITECTURAL DRAWINGS FOR DOOR SCHEDULE.
2.

ALL EXISTING PAINTED DOORS & TRIM TO REMAIN. PAINT TOUCH-UPS AS REQ'D. COLOR & PAINT SHEEN TO MATCH EXISTING ADJACENT DOOR/TRIM.
3.

NEW PAINTED DOORS & TRIM TO MATCH EXISTING. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND SPECIFICATIONS.

PAINT

1.

ALL SURFACE PREPARATION AND CLEANING PROCEDURES SHALL BE IN STRICT ACCORDANCE WITH THE INSTRUCTIONS AND SPECIFICATIONS OF THE PAINT MANUFACTURER WHO'S PRODUCTS ARE BEING USED.
2.

CONTRACTOR TO SUBMIT PAINT DRAW DOWNS TO DESIGNER FOR APPROVAL PRIOR TO APPLICATION.
3.

FURNISH CERTIFICATION BY THE PAINT MANUFACTURER THAT THE PRODUCTS COMPLY WITH LOCAL REGULATIONS CONTROLLING THE USE OF VOLATILE ORGANIC COMPOUNDS (VOC'S).
4.

ALL PRIMERS AND FINISH COATS MUST BE LOW VOC. PROVIDE PRIMER AND FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND THE SUBSTRATE INDICATED AS RECOMMENDED BY THE MANUFACTURER.
5.

PRIMERS: DEEP BASE PRIMERS WILL BE REQUIRED FOR DARK/SATURATED OR POOR HIDING COLORS FOLLOW BY 2-3 FINISH COATS.
6.

PAINT SPECS:

A.

INTERIOR GYPSUM BOARD SUBSTRAIGHTS: BENJAMIN MOORE ULTRA SPEC 500 ZERO VOC. PROVIDE 1 COAT OF APPROPRIATE PRIMER FOLLOWED BY 2 FINISH COATS.

B.

INTERIOR METAL DOORS AND METAL FRAMES: BENJAMIN MOORE COROTECH PRE CATALYZED EPOXY SEMI GLOSS (V341)
7.

PAINT SHEENS AS FOLLOWS:

A.

ALL LOCATIONS **EXCEPT** TOILET ROOMS (NON WET AREAS)
WALLS: SATIN (NON WET AREAS)
CEILING: FLAT (NON WET AREAS)

B.

ALL TOILET ROOMS, BATHROOMS & WET LOCATIONS
WALLS: SEMI GLOSS (WET AREAS)
CEILINGS: SEMI GLOSS (WET AREAS)

C.

PAINTED DOOR: SEMI GLOSS OR TO MATCH EXISTING
PAINTED DOOR FRAMES: SEMI GLOSS
PAINTED WINDOW FRAMES: SEMI GLOSS

MECHANICAL & ELECTRICAL GRILLES/DIFFUSERS & PANELS

1.

ELECTRICAL PANELS, ACCESS PANELS, HVAC VENTS AND EXPANSION JOINTS TO BE SPRAY PAINTED TO MATCH THE ADJACENT WALL COLOR. PANELS PAINTED BY BRUSH ARE NOT ACCEPTABLE.
2.

THERMOSTATS TO BE PLACED NEAR A CORNER OF THE ROOM OR BY LIGHT SWITCHES. DO NOT INSTALL IN THE CENTER OF A WALL.

LIGHT SWITCHES & COVER PLATES

1.

ALL NEW SWITCHES & COVER PLATES TO MATCH EXISTING, UNLESS NOTED OTHERWISE.

FIRE PROTECTION NOTES

1.

ALL WALL & CEILING FINISHES IN VERTICAL EXIT WAYS & EXIT CORRIDORS TO MEET MINIMUM CLASS A RATING.
2.

ALL WALL & CEILING FINISHES IN ALL OTHER SPACES TO MEET MINIMUM CLASS C RATING.
3.

FLOOR FINISHES FOR EXIT ENCLOSURES, ACCESS CORRIDORS, AND ADJACENT NON-SEPARATED SPACES WILL PROVIDE A MINIMUM CLASS II RATING. IN ALL OTHER AREAS THE FLOOR FINISHES WILL PROVIDE A MINIMUM CRITICAL RADIANT HEAT FLUX OF 0.1 W/CM PER NFPA 101 7.1.4.2, 10.2.8.2, 12.3.3.3, 28.3.3.3 & 42.8.3.3.3.

MILLWORK SHOP DRAWINGS

1.

PROVIDE MILLWORK SHOP DRAWINGS FOR DESIGNERS REVIEW AND APPROVAL PRIOR TO FABRICATION OF ALL MILLWORK

TRANSITION BETWEEN MATERIALS

TRANSITION	MATERIAL	DETAIL
CARPET TO TILE	MARBLE THRESHOLD, TS3	1/ID801
CARPET TO CARPET	BUTT JOIN AND GLUE ENTIRE SEAM SECURELY IN PLACE	N/A
TILE TO HARDWOOD	WOOD SADDLE, TS1	2/ID801
CARPET TO HARDWOOD	WOOD SADDLE, TS1	3/ID801

TRANSITION NOTES

1.

LEVEL CHANGES TO BE FEATHERED BACK NO LESS THAN 48".
2.

ALL TRANSITIONS OCCURRING UNDER DOORS TO BE CENTERED UNDER DOOR.
3.

ALL TRANSITIONS TO MEET ADA REQUIREMENTS.

TRANSITION STRIPS

1.

FOR ALL TRANSITION STRIP SPECIFICATIONS AND FINISHES, SEE SPEC SHEET ID002.

ID001
ID002

GENERAL INTERIOR FINISH NOTES
INTERIOR FINISH SPECIFICATIONS

ID101
ID102
ID103

LOWER LEVEL FLOOR - FLOOR FINISH PLAN
FIRST FLOOR - FLOOR FINISH PLAN
SECOND FLOOR - FLOOR FINISH PLAN

ID201
ID202
ID203

LOWER LEVEL FLOOR - WALL FINISH PLAN
FIRST FLOOR - WALL FINISH PLAN
SECOND FLOOR - WALL FINISH PLAN

ID701

INTERIOR ELEVATIONS

ID801

INTERIOR DETAILS

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GENERAL INTERIOR
FINISH NOTES

ID001

sheet number

INTERIOR FINISH SPECIFICATIONS

CARPET

CPT1	BROADLOOM CARPET - STAIRS, CORRIDORS, PUBLIC AREAS	
	MFR:	SIGNATURE CARPET
	SERIES:	ARTISTRY 1009
	COLOR:	SCULPTURE 8704
	FIBER:	100% CONTINUOUS FILAMENT PET
	BACKING:	HIGH PERFORMANCE SBR LATEX W/ ATTACHED WOVEN SECONDARY
	WEIGHT:	36 OZ. PER SQ. YD
	REPEAT:	9.5"W x 27.5"L
CPT2	WIDTH:	12' BROADLOOM
	CONTACT:	ADAM PELKOFSKY, (845) 337-0918 ADAM@EVANSHATZ.COM

CPT2	CARPET TILE - STAFF OFFICE	
	MFR:	BENTLEY MILLS
	COLLECTION:	LOST ANGELES
	PATTERN:	TRESPASS
	COLOR:	BRONSON CAVE 806301
	STYLE NO:	8TE200AA0K
	SIZE:	18" x 36"
	BACKING:	AFIRMA HARDBACK TILE
	CONSTRUCTION	TUFTED TEXTURED LOOP
	FIBER:	ANTRON LUMENA TYPE 6.6 SOLUTION DYED NYLON
	FINISH:	XTERA SOIL STAIN PROTECTION
	YARN WEIGHT:	21 OZ. / SQ. YD.
	THICKNESS:	0.205" / 5.2MM
	RADIANT PANEL	CLASS I ASTM-E648
	INSTALLATION:	BRICK PATTERN
	CONTACT:	WENDY JORGENSEN, (201) 310-7069 WENDY.JORGENSEN@BENTLEYMILLS.COM

CPT3	CARPET TILE - BEDROOMS	
	DISTR:	BENTLEY MILLS
	MFR:	MODULYSS
	COLLECTION:	42 PATCHWORK
	COLOR:	957
	SIZE:	19.7" x 19.7"
	BACKING:	BACK2BACK ENHANCED W/ THERMOPLASTIC ELASTOMER REINFORCED W/ GLASS FIBER FLEECE
	CONSTRUCTION	TUFTED 1/10" LOOP, PRINTED
	FIBER:	100% PA 6 IMPREL
	YARN WEIGHT:	17.8 OZ. / SQ. YD.
	THICKNESS:	0.26"
	RADIANT PANEL	CLASS I ASTM-E648
	INSTALLATION:	QUARTER TURN
	CONTACT:	WENDY JORGENSEN, (201) 310-7069 WENDY.JORGENSEN@BENTLEYMILLS.COM

CPT4	CARPET TILE - THERAPY ROOMS	
	MFR:	INTERFACE CARPET
	COLLECTION:	WORLD WOVEN
	PATTERN:	FRENCH SEAMS
	COLOR:	VERSAILLES 105610
	STYLE NO:	25550AK00
	SIZE:	9.845" x 39.38" / 25CM x 1M
	BACKING:	GLASBAC
	CONSTRUCTION	TUFTED CUT & LOOP
	FIBER:	POST CONSUMER AQUAFIL TYPE 6.6 SOLUTION DYED NYLON
	FINISH:	PROTEKT SOIL STAIN PROTECTION
	YARN WEIGHT:	21 OZ. / SQ. YD.
	THICKNESS:	0.085" / 2.2MM
	RADIANT PANEL	CLASS I ASTM-E648
	INSTALLATION:	ASHLAR
	CONTACT:	HARRISON GANZ, (203) 940-0236 HARRISON.GANZ@INTERFACE.COM

RESILIENT FLOORING

LVT1	LUXURY VINYL PLANK TILE - NURSE OFFICE & LOWER LEVEL	
	MFR:	TARKETT CONTRACT
	SERIES:	ID LATITUDE SERIES - WOOD
	COLOR:	SCOUT PLWD 4694 WW
	NOMINAL SIZE:	6" x 48" PLANK
	WEAR LAYER:	20 MIL
	THICKNESS:	3MM (0.120")
	EDGE:	SQUARE
	EMBOSS:	STANDARD
	CONTACT:	JOHN MAIOLLO, (516) 967-0017 JOHN.MAIOLO@TARKETT.COM

FLOOR TILE

FT1	PORCELAIN TILE - BATHROOM FLOORS	
	MFR:	GARDEN STATE TILE
	SERIES:	ARKSTONE FLOAT
	COLOR:	MELTED ICE
	FINISH:	HONED
	THICKNESS:	8MM
	SIZE:	12" x 24"
	GROUT:	BOSTIK - LUNAR H196 (SANDED)
	GROUT SIZE:	PER MFR'S RECOMMENDATION
	NOTE:	N/A
FT2	PORCELAIN TILE	
	MFR:	GARDEN STATE TILE
	SERIES:	PARQUET
	COLOR:	NOGAL
	FINISH:	MATTE
	THICKNESS:	11.3MM
	SIZE:	6" x 48"
	GROUT:	MAPEI - COCOA 79 (SANDED)
	GROUT SIZE:	PER MFR'S INSTRUCTIONS
	NOTE:	N/A
	CONTACT:	GINA VANARELLI, (201) 486-5006 GVANARELLI@GSTILE.COM

BASE

B1	WALL BASE	
	EXISTING WALL BASE TO REMAIN. IF TOUCHUPS ARE REQ'D, PAINT P2.	
B2	WALL BASE	
	PROVIDE NEW WALL BASE TO MATCH EXISTING ADJ. AREAS.	
	FINISH:	PAINT, P2

PAINT

P1	PAINT - ALL WALLS, U.O.N.	
	MFR:	BENJAMIN MOORE
	COLOR:	HORIZON
	SKU:	1478
P2	PAINT - TRIM	
	MFR:	BENJAMIN MOORE
	COLOR:	WHITE DOVE
	SKU:	OC-17
P3	PAINT - THERAPY ROOMS	
	MFR:	BENJAMIN MOORE
	COLOR:	GRAY WISP
	SKU:	1570
P4	PAINT - BATHROOMS	
	MFR:	BENJAMIN MOORE
	COLOR:	MT. RAINIER GRAY
	SKU:	2129-60
P5	PAINT - ACCENT	
	MFR:	BENJAMIN MOORE
	COLOR:	BLACK PEPPER
	SKU:	2130-40
P6	PAINT - ACCENT	
	MFR:	BENJAMIN MOORE
	COLOR:	BAKED TERRACOTTA
	SKU:	1202
P7	PAINT - CEILINGS	
	MFR:	BENJAMIN MOORE
	COLOR:	DECORATOR'S WHITE
	SKU:	OC-149
P8	PAINT - KITCHEN CABINETS	
	MFR:	BENJAMIN MOORE
	COLOR:	EVENING DOVE
	SKU:	2128-30
	FINISH:	
	PER ID001 NOTES	

WALL TILE

WT1	WALL TILE - SHOWER WALLS	
	MFR:	GENROSE TILE
	SERIES:	PANE
	COLOR:	BIANCO
	FINISH:	POLISHED
	SIZE:	4" x 12"
	GROUT:	MAPEI - WHITE 00 (UNSANDED)
	GROUT SIZE:	PER MFR'S RECOMMENDATION
	NOTE:	INSTALL IN HORIZONTAL STACKED JOINT PATTERN
	CONTACT:	RACHEL WINTNER (516) 680-4800 RACHELW@GENROSE.COM
WT2	WALL TILE - KITCHEN BACKSPLASH	
	MFR:	GENROSE TILE
	COLLECTION:	IBIZA
	COLOR:	ARCTIC
	FINISH:	POLISHED
	SIZE:	2.5" X 8"
	GROUT:	MAPEI - WHITE 00 (UNSANDED)
	NOTE:	INSTALL IN VERTICAL STACKED JOINT PATTERN
	CONTACT:	RACHEL WINTNER (516) 680-4800 RACHELW@GENROSE.COM

TRANSITION STRIPS

TS1	METAL TILE TRIM - TILE CAP	
	MFR:	SCHLUTER SYSTEMS
	TYPE:	JOLLY
	FINISH:	SATIN ANODIZED ALUMINUM
	SIZE:	AS REQ'D PER INSTALLATION
	NOTE:	USE MATCHING 90° INSIDE & OUTSIDE CORNER TRIM PIECE AT ALL INSIDE & OUTSIDE CORNERS OF TILE WAINSCOT.

TS2	WOOD SADDLE THRESHOLD - FLOORING TRANSITIONS	
	PROFILE:	DOUBLE BEVEL
	SPECIES:	OAK
	FINISH:	TO BE STAINED TO MATCH PL1
	SIZE:	AS REQ'D PER INSTALLATION
	NOTE:	PROVIDE DESIGNER SAMPLE FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

CHAIR RAIL

CR1	CHAIR RAIL - GROUP / CLASSROOM	
	MFR:	DYKE'S LUMBER OR EQ.
	PROFILE:	524 CHAIR RAIL
	SIZE:	3-1/4"H x 3/4"D
	FINISH:	TO BE PAINTED, P2.

CROWN MOULDING

CM1	CROWN MOULDING	
	MFR:	DYKE'S LUMBER OR EQ.
	PROFILE:	165 CROWN
	SIZE:	3-1/2"H x 11/16"D
	FINISH:	TO BE PAINTED, P2.
	NOTE:	
	TO REPLACE EXISTING CROWN MOULDING LOCATIONS ONLY.	

WALL PROTECTION

WP1	WALL PROTECTION - GROUP / CLASSROOM	
	MFR:	C-S ACROVYN
	TYPE:	RIGID SHEET VINYL
	THICKNESS:	.040"
	COLOR:	FOG #265
	TEXTURE:	SUEDE
	SIZE:	4' x 10'
	NOTE:	
	USE ALL COLOR MATCHED INSIDE / OUTSIDE CORNER PIECES & TRIM.	

PLASTIC LAMINATE

PL1	PLASTIC LAMINATE	
	MFR:	WILSONART
	COLOR:	WALNUT HEIGHTS
	ITEM#:	7965-12
	FINISH:	SOFT GRAIN W/ AEON
	CONTACT:	PATRICIA D'AURIA, (516) 935-6980 DAURIAP@WILSONART.COM

QUARTZ SURFACING

QZ1	QUARTZ SURFACE - BATHROOM VANITIES	
	MFR:	CAESARSTONE
	COLLECTION:	SUPER NATURAL
	COLOR:	STATUARIO MAXIMUS 5031
	FINISH:	POLISHED
	EDGE PROFILE:	EASED
	SIZE:	STANDARD SLAB, 56.5" x 120"
	RATING:	
	NSF CERTIFIED	

CABINET PULL

CP1	CABINET PULL	
	MFR:	RICHELIEU
	STYLE:	CONTEMPORARY METAL PULL - 107
	MODEL#:	BP1076140
	SIZE:	4" CENTER TO CENTER
		4-3/8" OVERALL LENGTH
	FINISH:	CHROME
	CONTACT:	MINDI KAUNFER, MKAUNFER@RICHELIEU.COM (973) 219-8314

MIRROR

MR1	MIRROR - RESIDENT BATHROOMS	
	MFR:	SHADES OF LIGHT
	PRODUCT:	REFRESHINGLY RECTANGULAR MIRROR
	SKU:	MW19139 GL
	FINISH:	GOLD
	SIZE:	24"W x 36"H x 1"D
	NOTE:	DESIGNER SPECIFIED & SUPPLIED, CONTRACTOR INSTALLED
MR2	MIRROR - BATHROOM #210	
	MFR:	SHADES OF LIGHT
	PRODUCT:	MINIMAL ESSENTIALS MIRROR - RECTANGLE
	SKU:	MW19082 BK
	FINISH:	BLACK
	SIZE:	40"W x 22"H (TO BE INSTALLED HORIZONTALLY)
	NOTE:	DESIGNER SPECIFIED/SUPPLIED, CONTRACTOR INSTALLED.

SHOWER CURTAIN

SC1	SHOWER CURTAIN	
	DISTRIBUTOR:	WAYFAIR
	MFR:	WROUGHT STUDIO
	PRODUCT:	CAMPANELLA STRIPE COTTON SINGLE SHOWER CURTAIN
	SKU:	W000617783
	CONTENTS:	100% COTTON
	SIZE:	STANDARD 72" x 72"
	CARE:	MACHINE WASHABLE
	INCLUDES:	12 STITCH ENFORCED HOOK HOLES
	NOTE:	DESIGNER SPECIFIED AND SUPPLIED, CONTRACTOR INSTALLED
SC2	SHOWER CURTAIN LINER	
	DISTRIBUTOR:	WAYFAIR
	MFR:	LAURA ASHLEY
	PRODUCT:	PEVA SINGLE SHOWER CURTAIN LINER
	SKU:	KBFC1114
	COLOR:	FROSTY
	CONTENTS:	PEVA VINYL
	SIZE:	STANDARD 72" x 72"
	INCLUDES:	12 STITCH ENFORCED HOOK HOLES
	NOTE:	DESIGNER SPECIFIED AND SUPPLIED, CONTRACTOR INSTALLED

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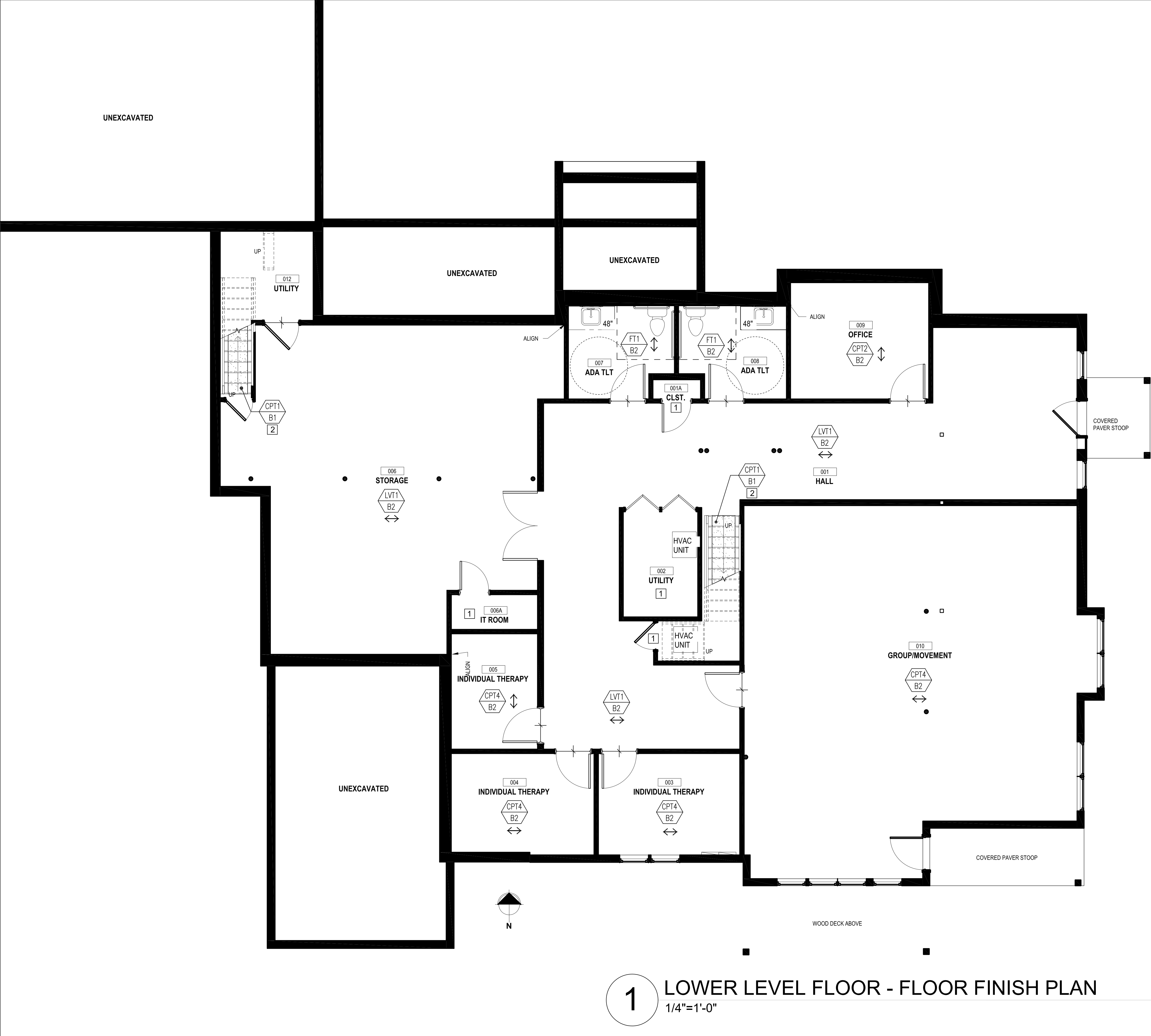
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INTERIOR FINISH SPECIFICATIONS



GENERAL NOTES

- SEE SHEET ID001 FOR GENERAL FINISH NOTES.
- SEE SHEET ID002 FOR FINISH SPECIFICATIONS.
- FLOORING TRANSITIONS BETWEEN NEW AND EXISTING FLOORING TO BE CENTERED UNDER DOOR. REFER TO TRANSITION MATRIX ON ID001 FOR TRANSITION TYPE AND DETAIL.

SYMBOL LEGEND

- KEYNOTE
- FLOOR FINISH
- BASE FINISH
- FLOORING MATERIAL TRANSITION. WHERE TRANSITION OCCURS AT DOOR OPENINGS, TRANSITION SHALL BE CENTERED UNDER DOOR. REFER TO D001 FOR TRANSITION NOTES.
- DIRECTION OF FLOORING
- DETAIL REFERENCE
- DETAIL NUMBER
- SHEET NUMBER
- ALIGN SURFACES

KEYNOTES

- CONTINUE ADJACENT FLOORING AND BASE INTO ROOM. DIRECTION AS INDICATED.
- CARPET ON STAIRS TO HAVE 4" EXPOSED FLOORING ON EITHER SIDE. EXPOSED EDGES OF CARPET TO BE BOUND. EXISTING STRINGER TO REMAIN. TOUCH UP AS REQ'D TO MATCH EXISTING.
- CLEAN AND PREP GARAGE FLOORING FOR NEW SEALER. CONFIRM W/ OWNER PRIOR TO WORK COMMENCEMENT.
- SHOWER BASE PAN PER ARCHITECTURAL DRAWINGS.
- AREA NOTED HAS EXISTING RADIANT SUB-FLOOR, WHICH IS TO REMAIN. CAREFULLY DEMO EXISTING TILE FLOOR THROUGHOUT AND PROVIDE NEW PORCELAIN FLOOR TILE (FT2). DIRECTION AS NOTED ON PLAN. EXISTING WALL BASE TO REMAIN, TO BE PAINTED P2. WHERE DEMO OCCURS, PROVIDE B2.
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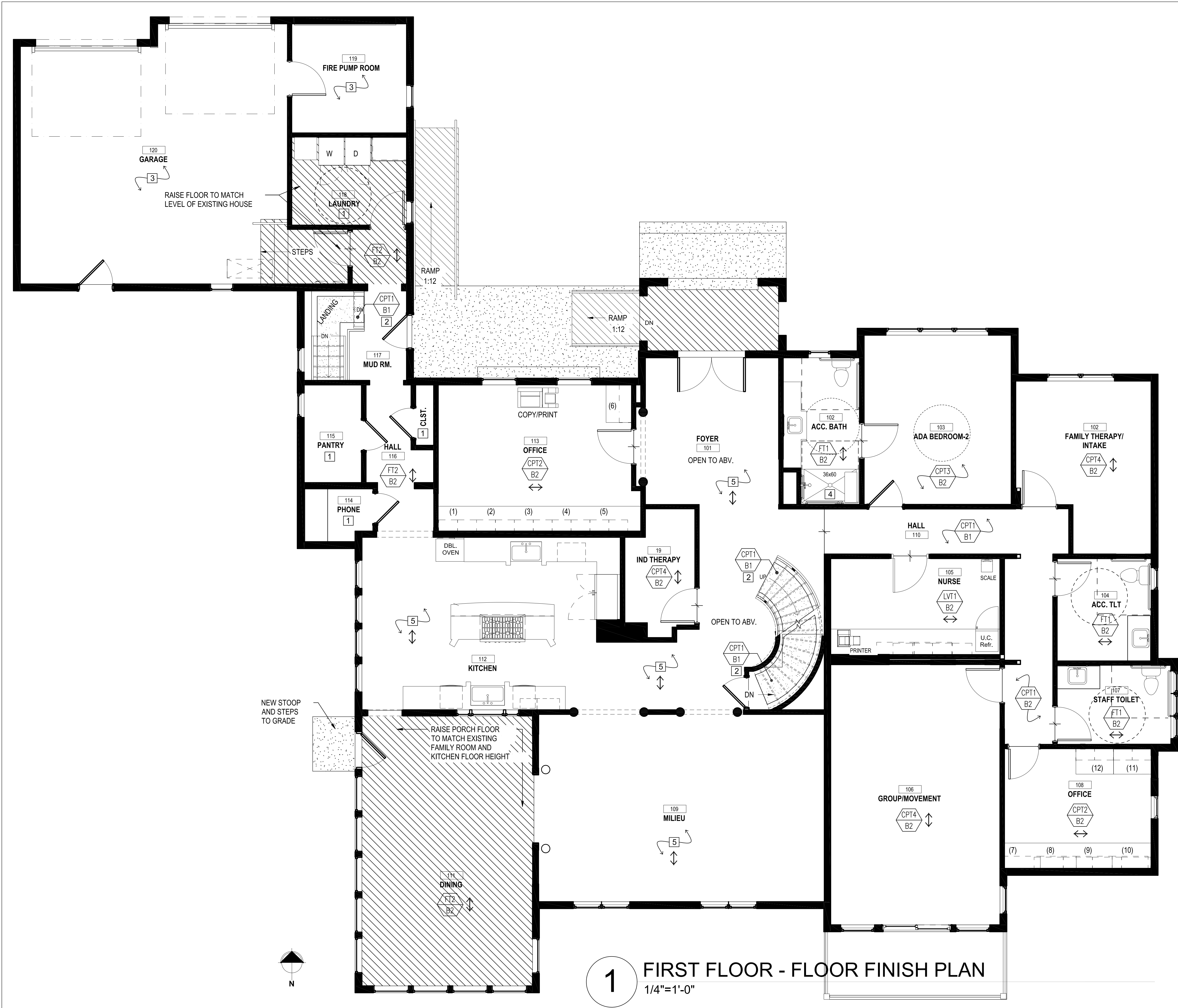
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LOWER LEVEL
-
FLOOR FINISH
PLAN

sheet number

ID101

1 LOWER LEVEL FLOOR - FLOOR FINISH PLAN
1/4"=1'-0"



1 FIRST FLOOR - FLOOR FINISH PLAN
1/4"=1'-0"

- GENERAL NOTES
- SEE SHEET ID001 FOR GENERAL FINISH NOTES.
 - SEE SHEET ID002 FOR FINISH SPECIFICATIONS.
 - FLOORING TRANSITIONS BETWEEN NEW AND EXISTING FLOORING TO BE CENTERED UNDER DOOR. REFER TO TRANSITION MATRIX ON ID001 FOR TRANSITION TYPE AND DETAIL.

- SYMBOL LEGEND
- 1 KEYNOTE
 - LV11 B1 FLOOR FINISH
 - B1 BASE FINISH
 - FLOORING MATERIAL TRANSITION. WHERE TRANSITION OCCURS AT DOOR OPENINGS, TRANSITION SHALL BE CENTERED UNDER DOOR. REFER TO D001 FOR TRANSITION NOTES.
 - DIRECTION OF FLOORING
 - DETAIL REFERENCE
 - 1 D701 DETAIL NUMBER
 - SHEET NUMBER
 - ALIGN SURFACES

- KEYNOTES
- CONTINUE ADJACENT FLOORING AND BASE INTO ROOM. DIRECTION AS INDICATED.
 - CARPET ON STAIRS TO HAVE 4" EXPOSED FLOORING ON EITHER SIDE. EXPOSED EDGES OF CARPET TO BE BOUND. EXISTING STRINGER TO REMAIN. TOUCH UP AS REQ'D TO MATCH EXISTING.
 - CLEAN AND PREP GARAGE FLOORING FOR NEW SEALER. CONFIRM W/ OWNER PRIOR TO WORK COMMENCEMENT.
 - SHOWER BASE PAN PER ARCHITECTURAL DRAWINGS.
 - AREA NOTED HAS EXISTING RADIANT SUB-FLOOR, WHICH IS TO REMAIN. CAREFULLY DEMO EXISTING TILE FLOOR THROUGHOUT AND PROVIDE NEW PORCELAIN FLOOR TILE (FT2). DIRECTION AS NOTED ON PLAN. EXISTING WALL BASE TO REMAIN, TO BE PAINTED P2. WHERE DEMO OCCURS, PROVIDE B2.
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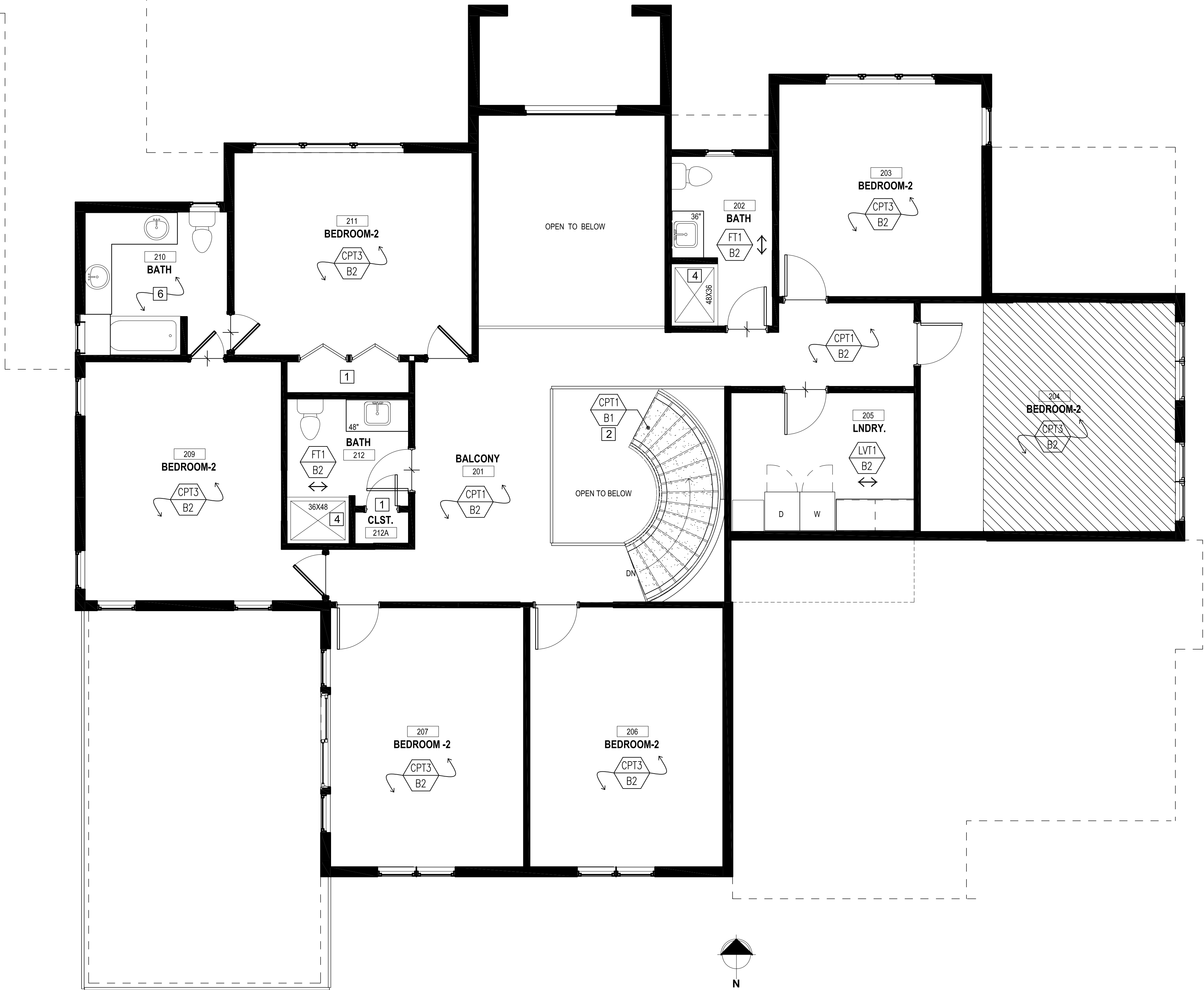
FIRST FLOOR

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FLOOR FINISH PLAN

ID102

sheet number



1 SECOND FLOOR - FLOOR FINISH PLAN
1/4"=1'-0"

GENERAL NOTES

- SEE SHEET ID001 FOR GENERAL FINISH NOTES.
- SEE SHEET ID002 FOR FINISH SPECIFICATIONS.
- FLOORING TRANSITIONS BETWEEN NEW AND EXISTING FLOORING TO BE CENTERED UNDER DOOR. REFER TO TRANSITION MATRIX ON ID001 FOR TRANSITION TYPE AND DETAIL.

SYMBOL LEGEND

- 1 KEYNOTE
- LVT1 B1 — FLOOR FINISH
B1 — BASE FINISH
- ✦ FLOORING MATERIAL TRANSITION. WHERE TRANSITION OCCURS AT DOOR OPENINGS, TRANSITION SHALL BE CENTERED UNDER DOOR. REFER TO D001 FOR TRANSITION NOTES.
- ↔ DIRECTION OF FLOORING
- DETAIL REFERENCE
- 1 D701 — DETAIL NUMBER
SHEET NUMBER
- ↔ ALIGN SURFACES

KEYNOTES

- CONTINUE ADJACENT FLOORING AND BASE INTO ROOM. DIRECTION AS INDICATED.
- CARPET ON STAIRS TO HAVE 4" EXPOSED FLOORING ON EITHER SIDE. EXPOSED EDGES OF CARPET TO BE BOUND. EXISTING STRINGER TO REMAIN. TOUCH UP AS REQ'D TO MATCH EXISTING.
- CLEAN AND PREP GARAGE FLOORING FOR NEW SEALER. CONFIRM W/ OWNER PRIOR TO WORK COMMENCEMENT.
- SHOWER BASE PAN PER ARCHITECTURAL DRAWINGS.
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- EXISTING PORCELAIN TILE TO REMAIN. STEAM CLEAN & RESEAL GROUT AS REQ'D.

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> interior design:



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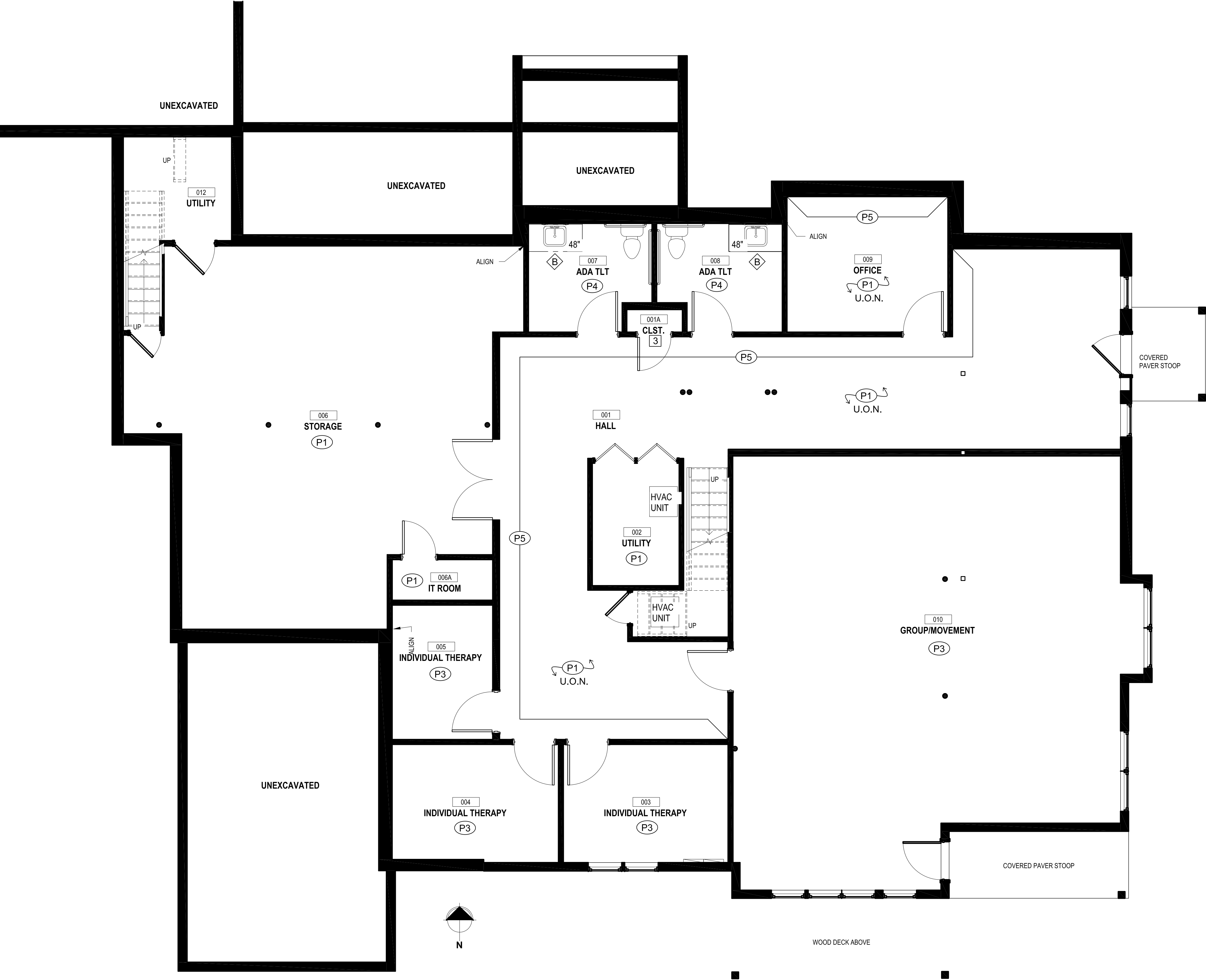
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SECOND FLOOR
-
FLOOR FINISH
PLAN

ID103

sheet number



1

LOWER LEVEL FLOOR - WALL FINISH PLAN

1/4"=1'-0"

GENERAL NOTES

1. SEE SHEET ID001 FOR GENERAL FINISH NOTES.
2. SEE SHEET ID002 FOR FINISH SPECIFICATIONS.
3. ALL WALLS TO BE PAINTED P1, U.O.N.
4. ALL EXISTING CROWN MOULDING TO BE REPLACED WITH CM1, U.O.N.
5. ALL EXISTING PAINTED COLUMNS, TRIM, BASE, STAIR RISERS, STRINGERS, BALUSTERS, WINDOW FRAMES, DOORS & DOOR FRAMES TO BE PAINTED P2.

SYMBOL LEGEND

- P1

WALL FINISH
- 1

KEYNOTE
- A

CABINETRY FINISH
- 1

D701

ELEVATION REFERENCE
ELEVATION NUMBER
SHEET NUMBER

KEYNOTES

- 1 EXISTING WALL FINISHES TO REMAIN.
- 2 WALLS TO BE FINISHED WITH A WAINSCOT OF WALL PROTECTION. WP1 WITH CHAIR RAIL, CR1 ABOVE. CENTER OF CHAIR RAIL TO BE MOUNTED AT 32" A.F.F. WALLS ABOVE TO BE PAINTED. COLOR AS INDICATED ON PLAN.
- 3 CONTINUE ADJACENT WALL FINISHES INTO THIS AREA.
- 4 TYPICAL NEW SHOWER FINISHES, REFER TO ELEVATIONS 1-2/D701.
- 5 EXISTING CROWN MOULDING TO BE DEMO'D. PATCH & REPAIR WALL AS REQ'D AND PREP FOR PAINT. COLOR AS INDICATED ON PLAN.
- 6 EXISTING VANITY AND PLUMBING FIXTURES TO REMAIN. PROVIDE NEW VANITY MIRROR, MR2 ABOVE EACH SINK.

CABINETRY FINISHES

- REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND MEP DRAWINGS FOR PLUMBING SPECIFICATIONS.
- A

STAFF / MISC. AREAS
TOPS: PL1
FACES: PL1
CABINET HARDWARE: CP1
- B

NEW BATHROOM VANITIES
TOPS & BACKSPLASH: QZ1
FACES: PL1
CABINET HARDWARE: CP1
REFER TO ELEVATION 3/ID701 FOR TYP. VANITY MIRROR & LIGHTING INSTALLATION HEIGHTS.
- C

KITCHEN CABINETRY
EXISTING KITCHEN CABINETS TO REMAIN / BE MODIFIED PER ARCHITECTURAL DRAWINGS. EXISTING CABINETS TO BE SANDED & PREPPED FOR PAINT.
FACES: P8
NEW COUNTERTOPS: QZ1
NEW BACKSPLASH: WT2
CABINET HARDWARE: REPURPOSE EXISTING.

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revision schedule

no.	description	date
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22-027

date:

06.06.2022

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checked by:

-

scale:

AS NOTED

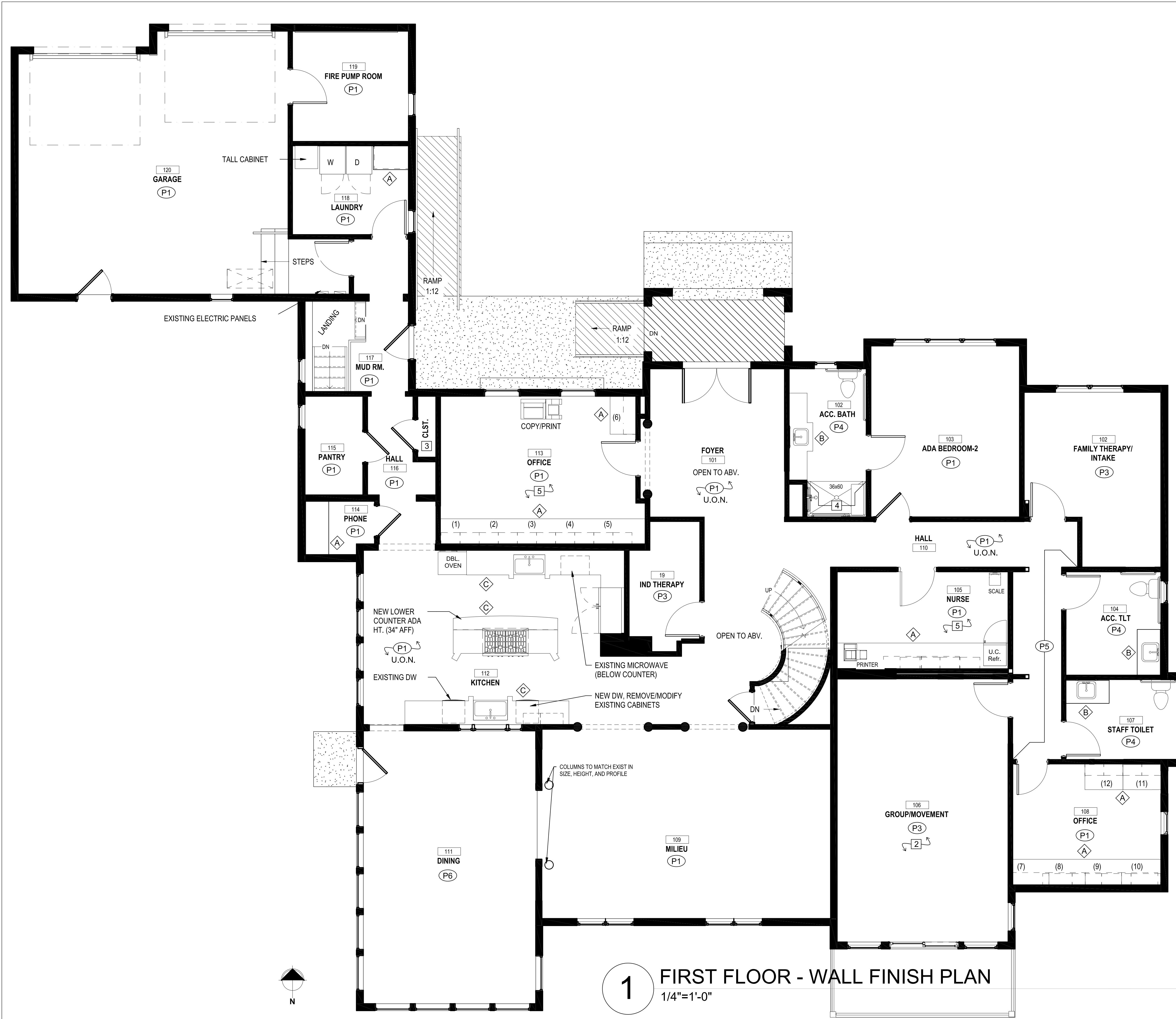
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LOWER LEVEL
-
WALL FINISH PLAN

ID201

sheet number



1 FIRST FLOOR - WALL FINISH PLAN
1/4"=1'-0"

GENERAL NOTES

- SEE SHEET ID001 FOR GENERAL FINISH NOTES.
- SEE SHEET ID002 FOR FINISH SPECIFICATIONS.
- ALL WALLS TO BE PAINTED P1, U.O.N.
- ALL EXISTING CROWN MOULDING TO BE REPLACED WITH CM1, U.O.N.
- ALL EXISTING PAINTED COLUMNS, TRIM, BASE, STAIR RISERS, STRINGERS, BALUSTERS, WINDOW FRAMES, DOORS & DOOR FRAMES TO BE PAINTED P2.

SYMBOL LEGEND

- (P1) WALL FINISH
- (1) KEYNOTE
- (A) CABINETRY FINISH
- (1 / D701) ELEVATION REFERENCE
ELEVATION NUMBER
SHEET NUMBER

KEYNOTES

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- REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND MEP DRAWINGS FOR PLUMBING SPECIFICATIONS.
- (A) STAFF / MISC. AREAS
TOPS: PL1
FACES: PL1
CABINET HARDWARE: CP1
 - (B) NEW BATHROOM VANITIES
TOPS & BACKSPLASH: QZ1
FACES: PL1
CABINET HARDWARE: CP1
REFER TO ELEVATION 3/ID701 FOR TYP. VANITY MIRROR & LIGHTING INSTALLATION HEIGHTS.
 - (C) KITCHEN CABINETRY
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FACES: P8
NEW COUNTERTOPS: QZ1
NEW BACKSPLASH: WT2
CABINET HARDWARE: REPURPOSE EXISTING.

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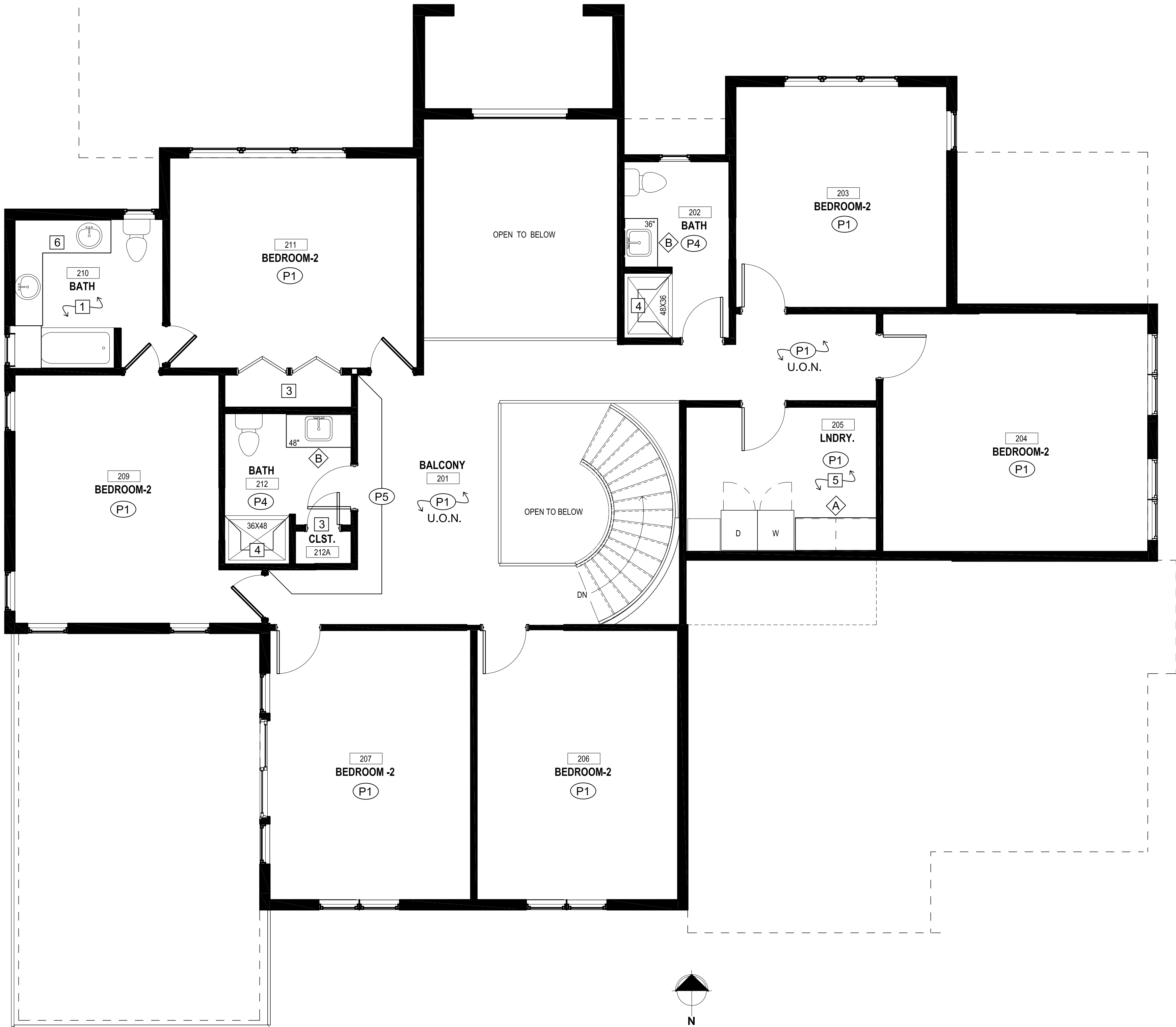
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FIRST FLOOR
-
WALL FINISH PLAN



1 SECOND FLOOR - WALL FINISH PLAN
1/4"=1'-0"

GENERAL NOTES

- SEE SHEET ID001 FOR GENERAL FINISH NOTES.
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- (A) CABINETRY FINISH
- (1 / D701) ELEVATION REFERENCE
ELEVATION NUMBER
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FACES: P8
NEW COUNTERTOPS: QZ1
NEW BACKSPLASH: WT2
CABINET HARDWARE: REPURPOSE EXISTING.

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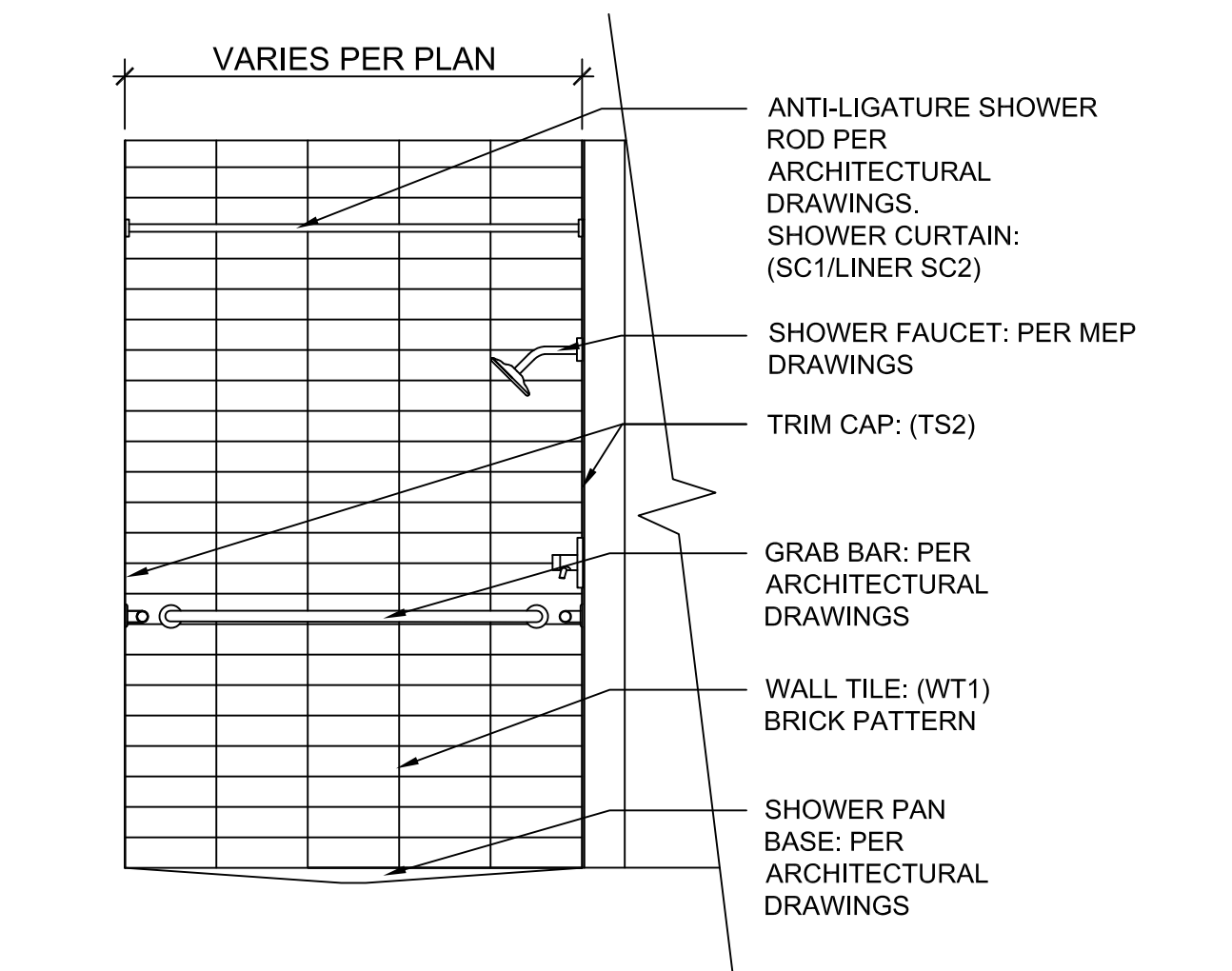
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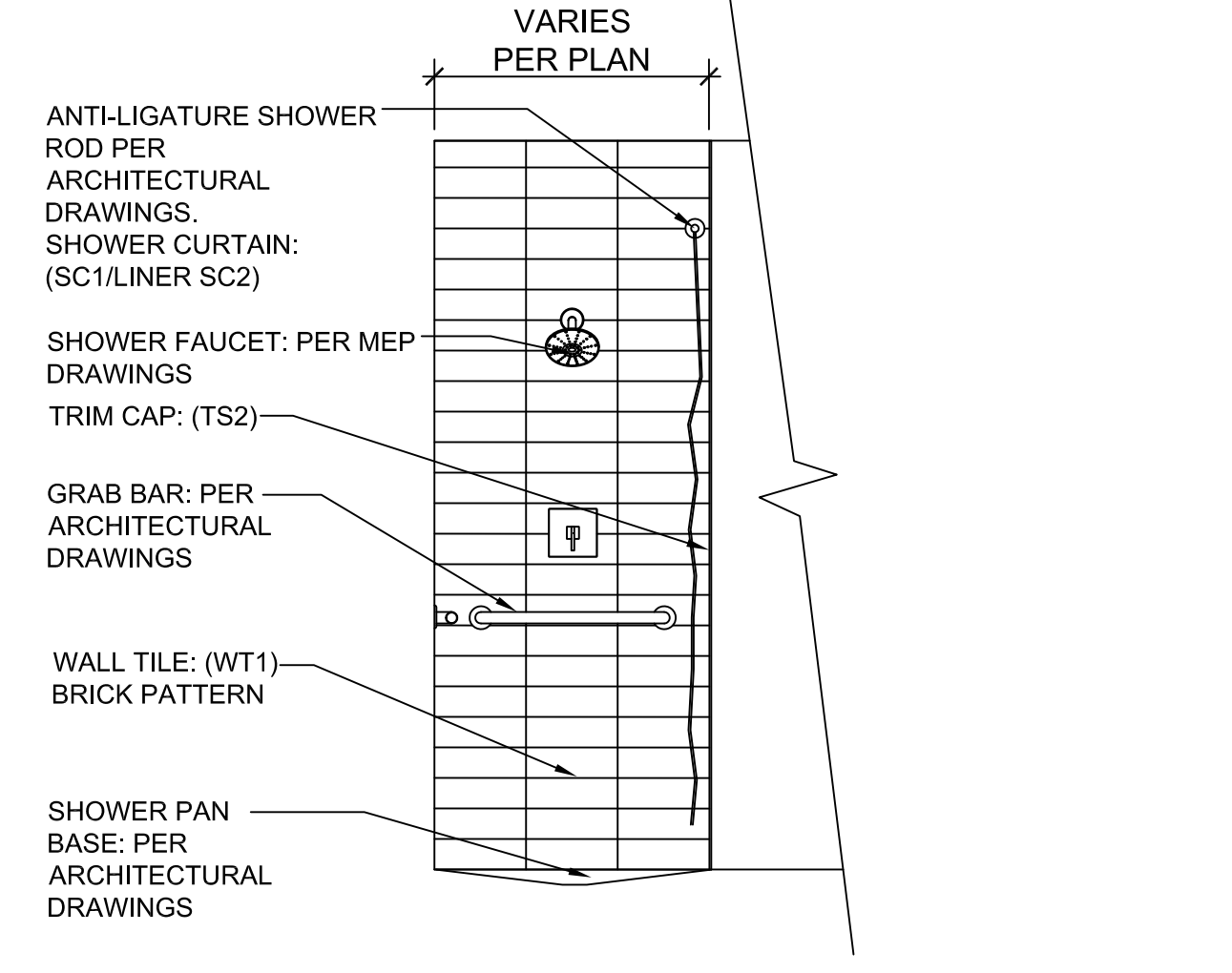
SECOND FLOOR
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WALL FINISH PLAN

ID203

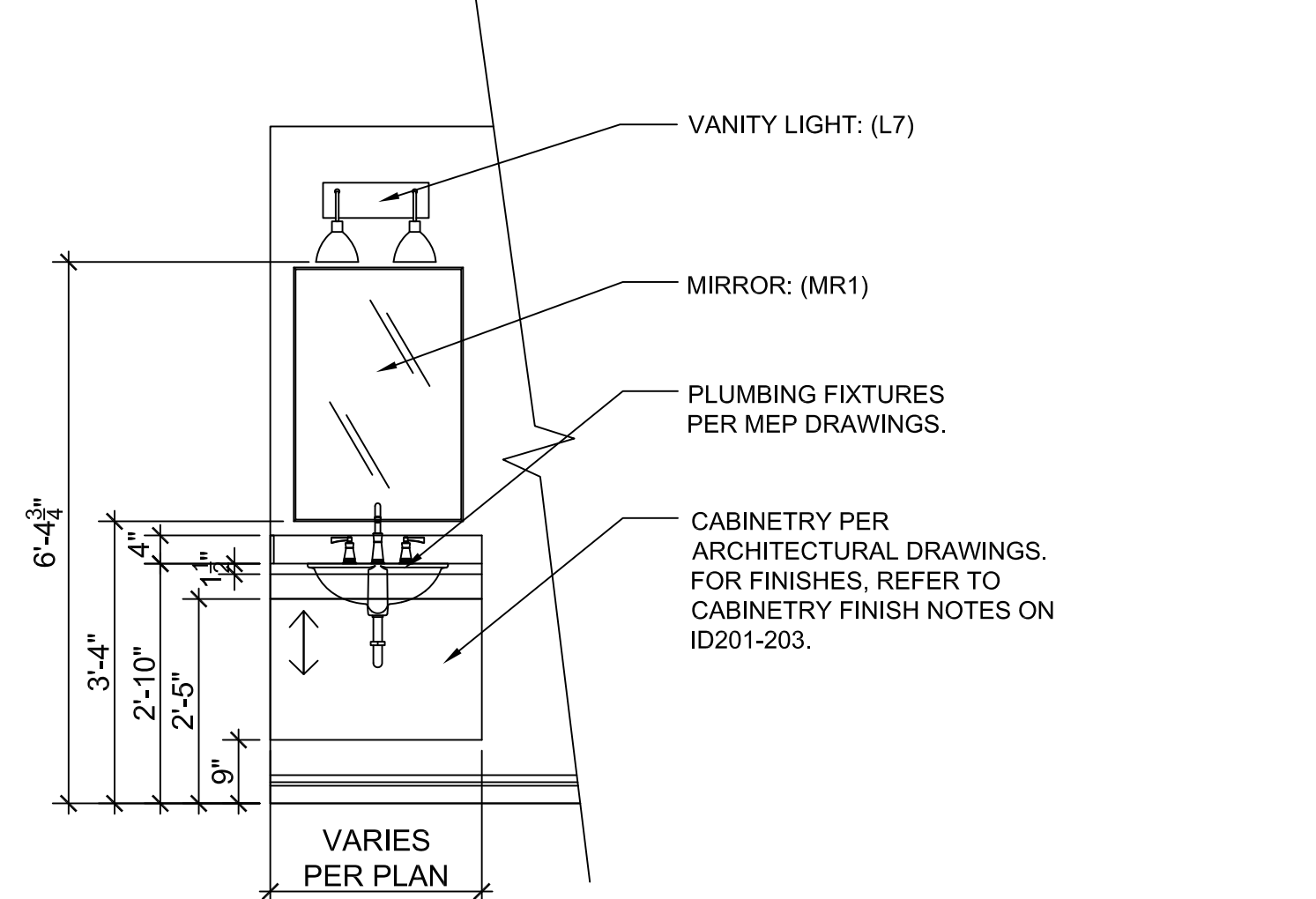
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1 TYP. TILED SHOWER WALLS
1/2"=1'-0"



2 TYP. TILED SHOWER WALLS
1/2"=1'-0"



3 TYP. VANITY LIGHT MOUNTING
1/2"=1'-0"

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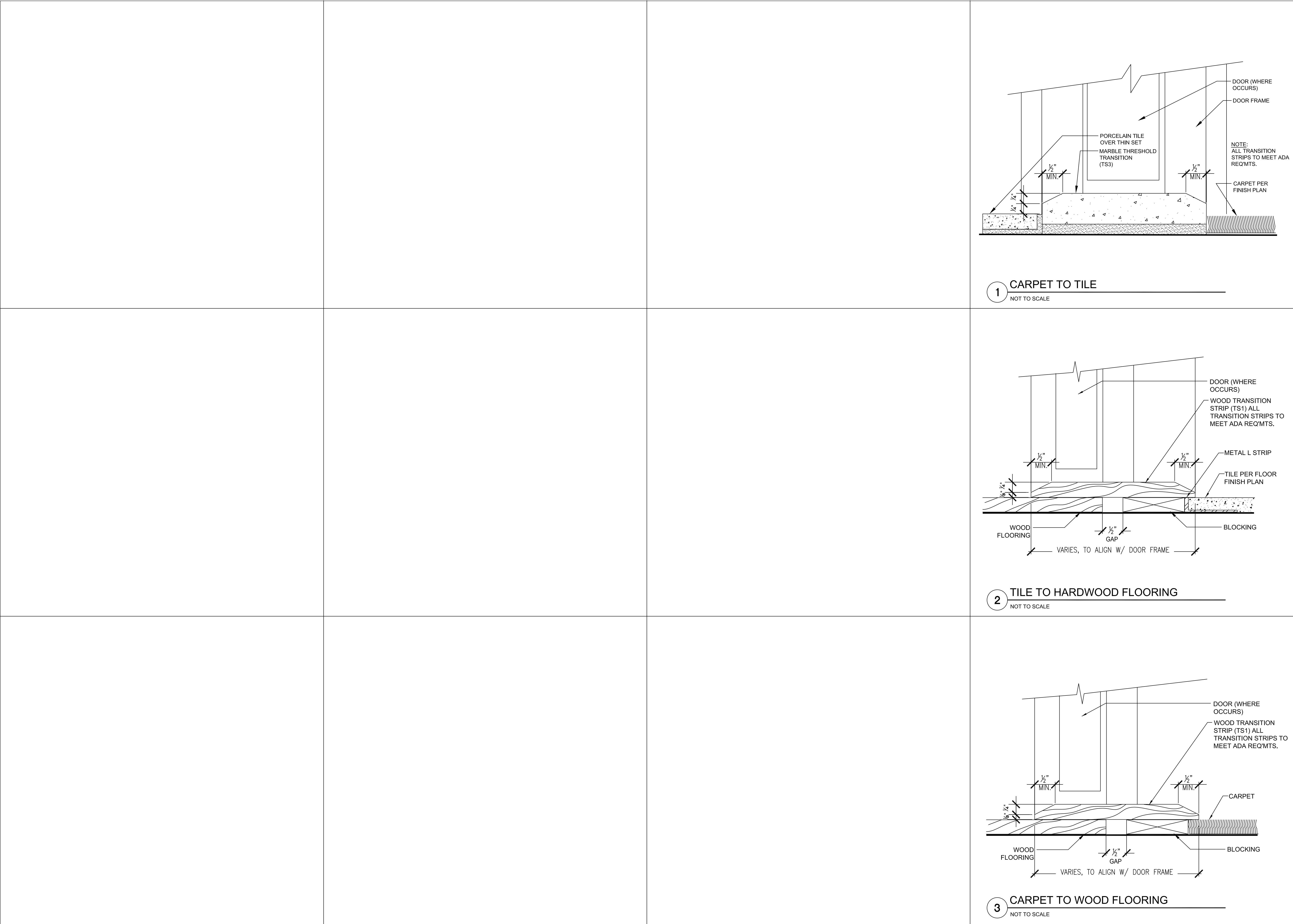
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INTERIOR
ELEVATIONS

ID701

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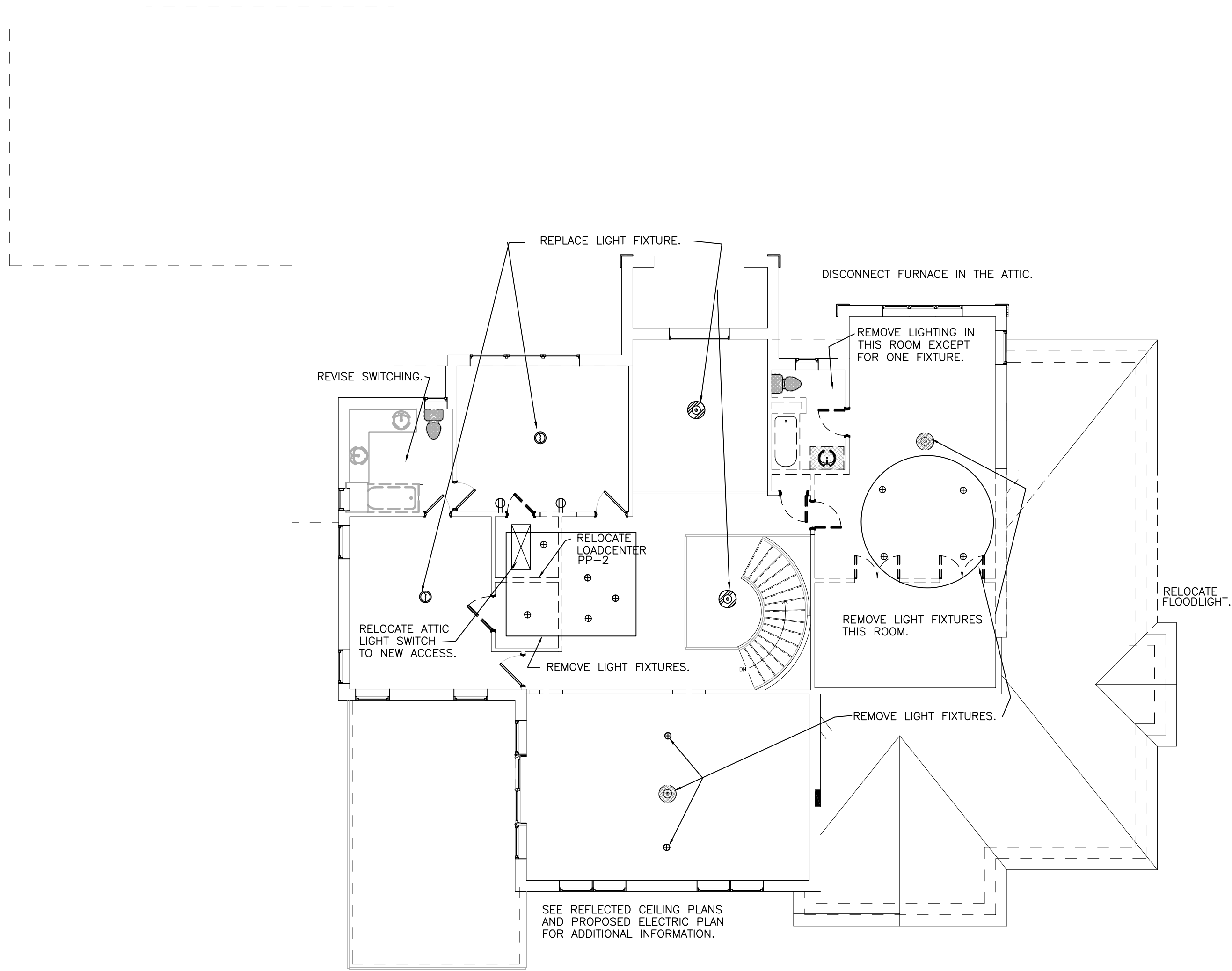
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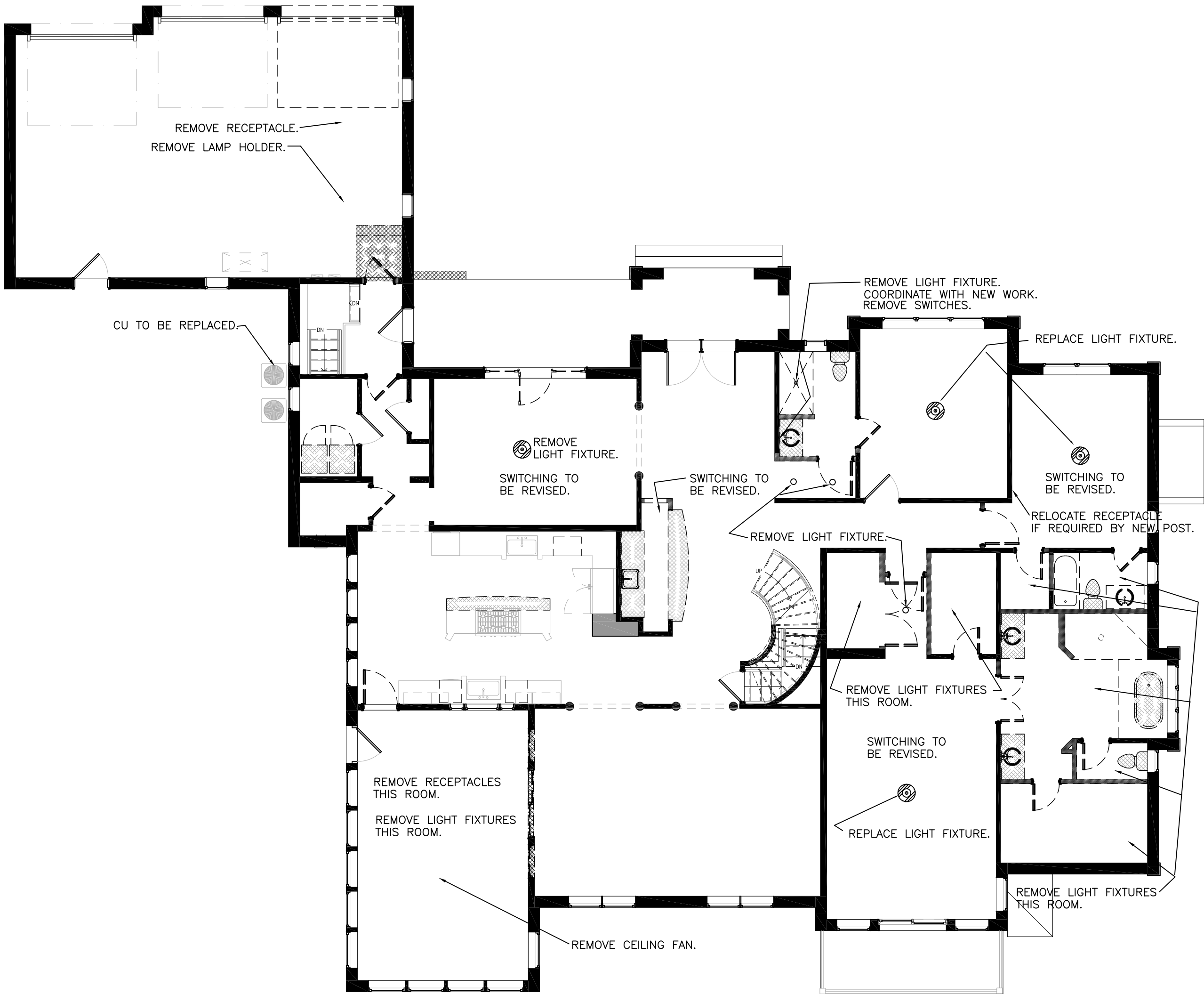
INTERIOR DETAILS

ID801

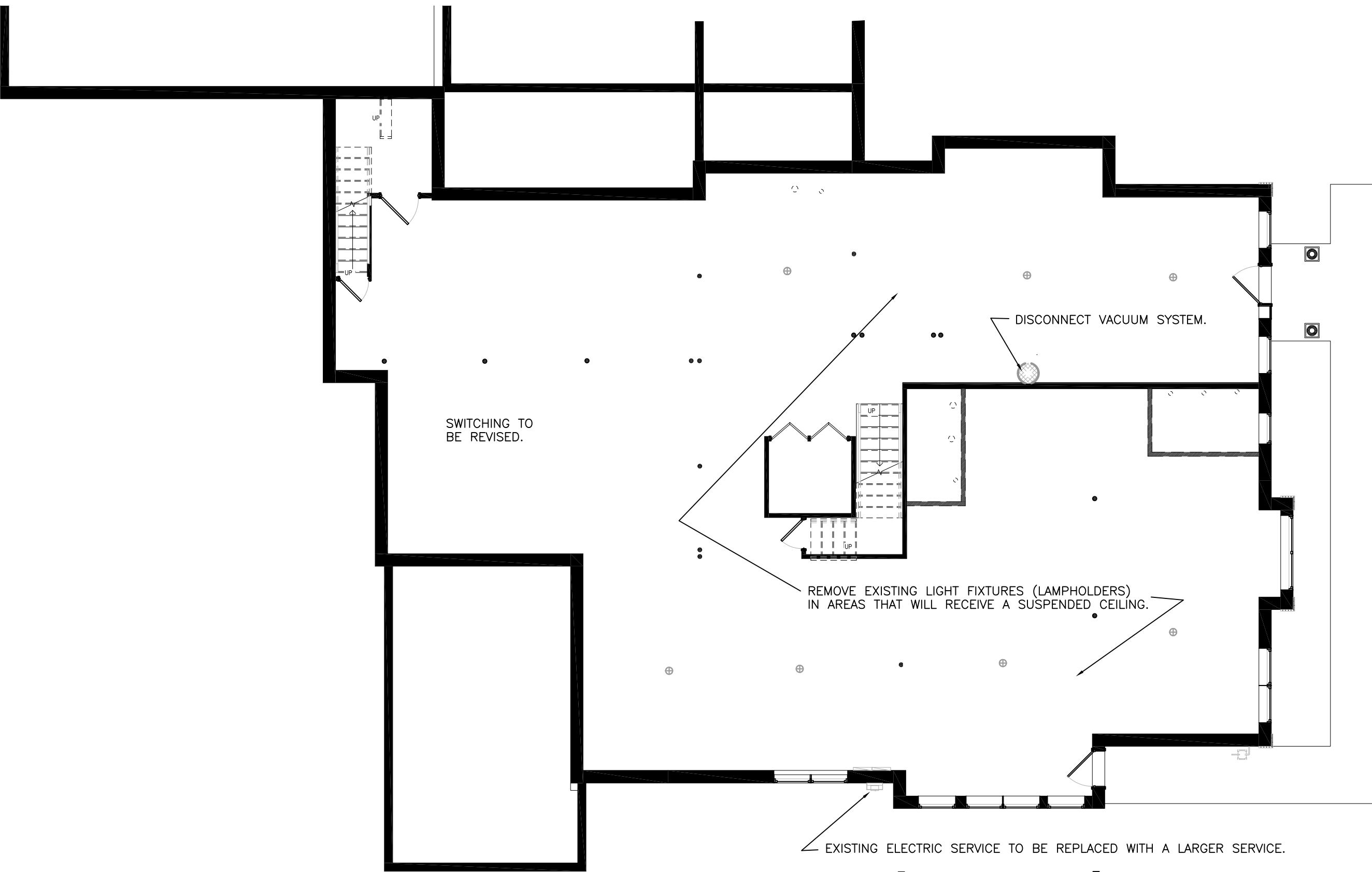
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SECOND FLOOR PLAN – REMOVALS
1/8" = 1'-0"



FIRST FLOOR PLAN – REMOVALS
1/8" = 1'-0"



LOWER LEVEL PLAN – REMOVALS
1/8" = 1'-0"

SYMBOLS – ELECTRICAL

- ⌀ DUPLEX RECEPTACLE
- ⊕ QUAD RECEPTACLE
- ⌀_C RECEPTACLE – COUNTER (GFI IF NEAR SINK)
- ⌀_T RECEPTACLE – TOILET ROOM (44", GFI)
- ⌀_{EX} RECEPTACLE – EXTERIOR (WEATHERPROOF, GFI)
- ⊙ RECEPTACLE – SPECIAL
- ◁ TELEPHONE/DATA/CATV OUTLET
- ↪ HOME RUN CIRCUIT
- CIRCUIT DESIGNATION: PANELBOARD–CIRCUIT
PANELBOARD DESIGNATION E.G. PP–•
- GFI RECEPTACLE – GROUND FAULT INTERRUPTING
- DISCONNECT (SAFETY SWITCH) CONTROLLER
- ⌘ SWITCH
- ⌘₃ SWITCH – 3 WAY (4 WAY)
- ⌘₀ OCCUPANCY SENSOR (WALL SWITCH)
- ⌘_V VACANCY SENSOR (WALL SWITCH)
- ⌘_d SWITCH – DIMMER
- ⌘ OCCUPANCY SENSOR (CEILING)
- ⌘ OCCUPANCY SENSOR RELAY
- EF EXHAUST FAN
- NL NIGHT LIGHT
- ⊗ EXIT SIGN
- ⌘ EMERGENCY LIGHT
- ⌘ PHOTOELECTRIC CONTROL
- E EXISTING DEVICE
- ◁IC INTERCOM STATION
- ⌘ DOOR BELL
- ⌘ DOOR BELL BUTTON

REMOVALS

1. "REMOVE" TO INCLUDE DISCONNECT AND REMOVE THE DEVICE AND EXISTING CIRCUIT.
2. "DISCONNECT" TO INCLUDE DISCONNECT AND REMOVE EXISTING CIRCUIT.
3. WALL REMOVAL – REMOVE WIRING IN AND ON EXISTING WALLS WHICH WILL BE DEMOLISHED. RELOCATE AND EXTEND ANY EXISTING CIRCUITS TO REMAIN.
4. AT REMOVALS REPAIR WALL AND CEILING SURFACES TO MATCH THE ADJACENT SURFACE.
5. "RELOCATE" TO INCLUDE EXTEND EXISTING CIRCUIT TO THE NEW LOCATION.
6. REMOVE THE EXISTING FIRE ALARM DEVICES AND SMOKE ALARMS (SEE NEW WORK).
7. DURING REMOVALS AND RELOCATIONS, MARK EXISTING CIRCUITS ON THE "AS-BUILT" FIELD DRAWINGS.
8. REMOVE EXISTING DEVICES IF AFFECTED OR COVERED BY NEW CONSTRUCTION.
9. NOTE EXISTING CIRCUITS DURING REMOVALS AND CONSTRUCTION. PROVIDE NEW COMPLETE DIRECTORIES FOR THE EXISTING PANELBOARDS.
10. REMOVE AND REVISE EXISTING LIGHT SWITCHING WHERE SHOWN AND REQUIRED BY THE NEW PLAN.

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REMOVALS

BUILDING SYSTEMS
PROVIDE ALL POWER CONNECTIONS, DEVICES, AND WIRING REQUIRED.
SUBMIT PRODUCT DATA AND WIRING DIAGRAMS.

TEL/DATA
COORDINATE WITH THE OWNER.
PROVIDE TEL/DATA OUTLETS WITH CABLE TO THE DESIGNATED IT LOCATION.
PROVIDE TWO TELEPHONE LINES FROM THE FIRE ALARM PANEL TO THE BUILDING DEMARK.
PROVIDE RISER RATED CAT 6 UTP CABLE
CONTACT TEL CO TO COORDINATE SERVICE.

INTERCOM – PROVIDE INTERCOM SYSTEM
AIPHONE LEF
10 STATION MASTER STATION
SUB-STATIONS WITH CALL BUTTON.
PROVIDE POWER SUPPLY, WIRING AND ALL ACCESSORIES.
VERIFY LOCATIONS WITH THE OWNER.

DOOR BELL –PROVIDE DOOR BELL SYSTEM.
PROVIDE DOOR BELL BUTTONS AT TWO EXTERIOR ENTRANCE DOORS.
EITHER/BOTH BUTTON TO SOUND ALL DOOR BELLS.
PROVIDE POWER SUPPLY, WIRING AND ALL ACCESSORIES.

ALARM SYSTEM – PROVIDE ALARM SYSTEM.
OWNER SPECIFIED.

CCTV – PROVIDE CCTV SYSTEM
OWNER SPECIFIED.

FIRE ALARM SYSTEM

R-4 OCCUPANCY
COMPLY WITH BSNYS & NFPA 101.

PROVIDE COMPLETE WORKING FIRE ALARM SYSTEM.
PROVIDE ADDRESSABLE FIRE ALARM SYSTEM.

CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM DOCUMENTATION AND SHOP DRAWINGS AS
REQUIRED BY THE AHJ. CERTIFICATION OF THE SHOP DRAWINGS SHALL BE THE RESPONSIBILITY OF
THE CONTRACTOR.

PROVIDE SHOP DRAWINGS THAT INCLUDE WIRING DIAGRAMS, MANUFACTURERS MODEL NUMBERS AND
LISTING INFORMATION, BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, CONDUCTOR TYPES
AND SIZES, SEQUENCE OF OPERATION MATRIX, AND ANY ADDITIONAL INFORMATION REQUIRED BY
THE AHJ.

PROVIDE COMPLETE TESTING, PROGRAMMING, AND CERTIFICATION.

- LOCATE MAIN CONTROL PANEL AS SHOWN.
- COORDINATE MONITORING WITH THE OWNER. PROVIDE DIGITAL COMMUNICATOR (DACT). PROVIDE
TELEPHONE LINES TO THE BUILDING TELEPHONE SERVICE ENTRANCE AND MAKE CONNECTIONS
(RJ31X JACK OR AS REQUIRED). COORDINATE WITH THE TEL CO TO ASSURE CONNECTIONS.
PROVIDE TRANSMISSION FORMAT AS REQUIRED BY THE OWNERS MONITORING SERVICE.
- PROVIDE ALL POWER CONNECTIONS AND BATTERY BACK-UP.
- PROVIDE DEVICES AS SHOWN ON THE DRAWINGS. PROVIDE SLC, NAC AND ACCESSORY CIRCUITS
AS REQUIRED.
- INSTALL DEVICES IN ACCORDANCE WITH NFPA AND STATE ACCESSIBILITY CODES.
- PROVIDE NOTIFYING APPLIANCE POWER EXTENDER PANEL AS REQUIRED.
- PROVIDE CONTROL RELAYS AND CONNECTIONS FOR FUNCTIONS AS SHOWN. PROVIDE POWER
CONNECTIONS AND POWER SUPPLIES.
- PROVIDE REMOTE ANNUNCIATOR DISPLAY/KEYPAD AT THE MAIN ENTRANCE.
- PROVIDE CONNECTIONS TO SPRINKLER FLOW/PRESSURE SWITCH AND VALVE SUPERVISORY
SWITCHES.
- PROVIDE CO (CARBON MONOXIDE) DETECTORS WITH ALARM CO NOTIFICATION ALARM.

COMPLY WITH THE PROVISIONS OF NFPA 101 CHAPTER 32.

- PROVIDE HEAT DETECTORS IN THE ATTIC. PROVIDE DETECTORS WITH SPACING CRITERIA TO
PROTECT THE ATTIC AND WITH TEMPERATURE RATING APPROPRIATE FOR THE ATTIC.
- PROVIDE SMOKE DETECTORS IN ALL LIVING AREAS.

SPRINKLER ALARM

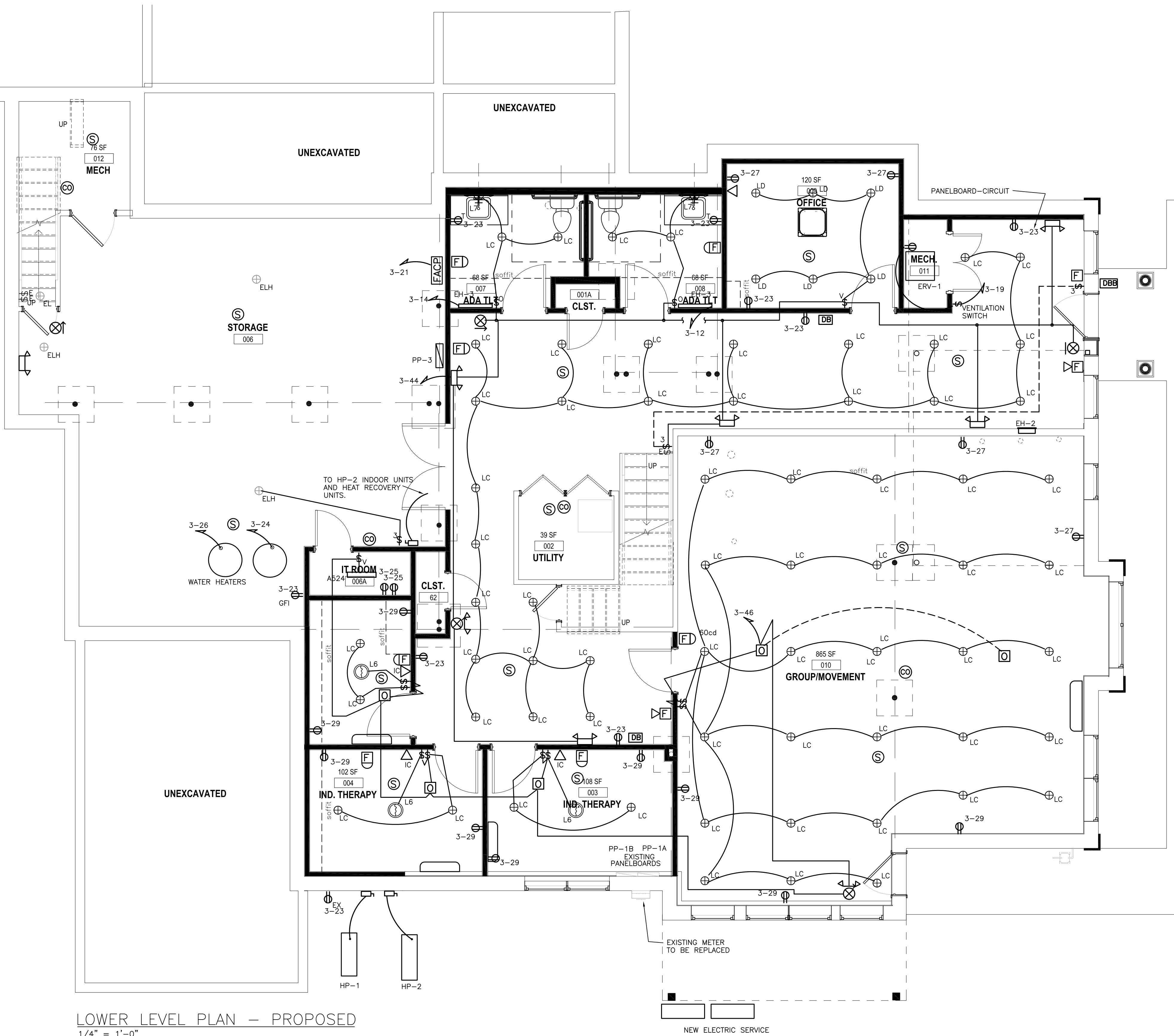
SPRINKLER ALARM – IN ADDITION TO THE FIRE ALARM SYSTEM PROVIDE A INDEPENDENT CIRCUIT
FOR THE SPRINKLER FLOW ALARM. PROVIDE WIRING TO EACH FLOW SWITCH (INDEPENDENT OF
THE FIRE ALARM MONITORING) AND TO THE EXTERIOR WALL MOUNTED AUDIO/VISUAL ALARM.
AUDIO/VISUAL ALARM TO ACTIVE WHEN ANY BUILDING FLOW ALARM IS ACTIVATED.
COORDINATE WITH THE SPRINKLER SYSTEM.

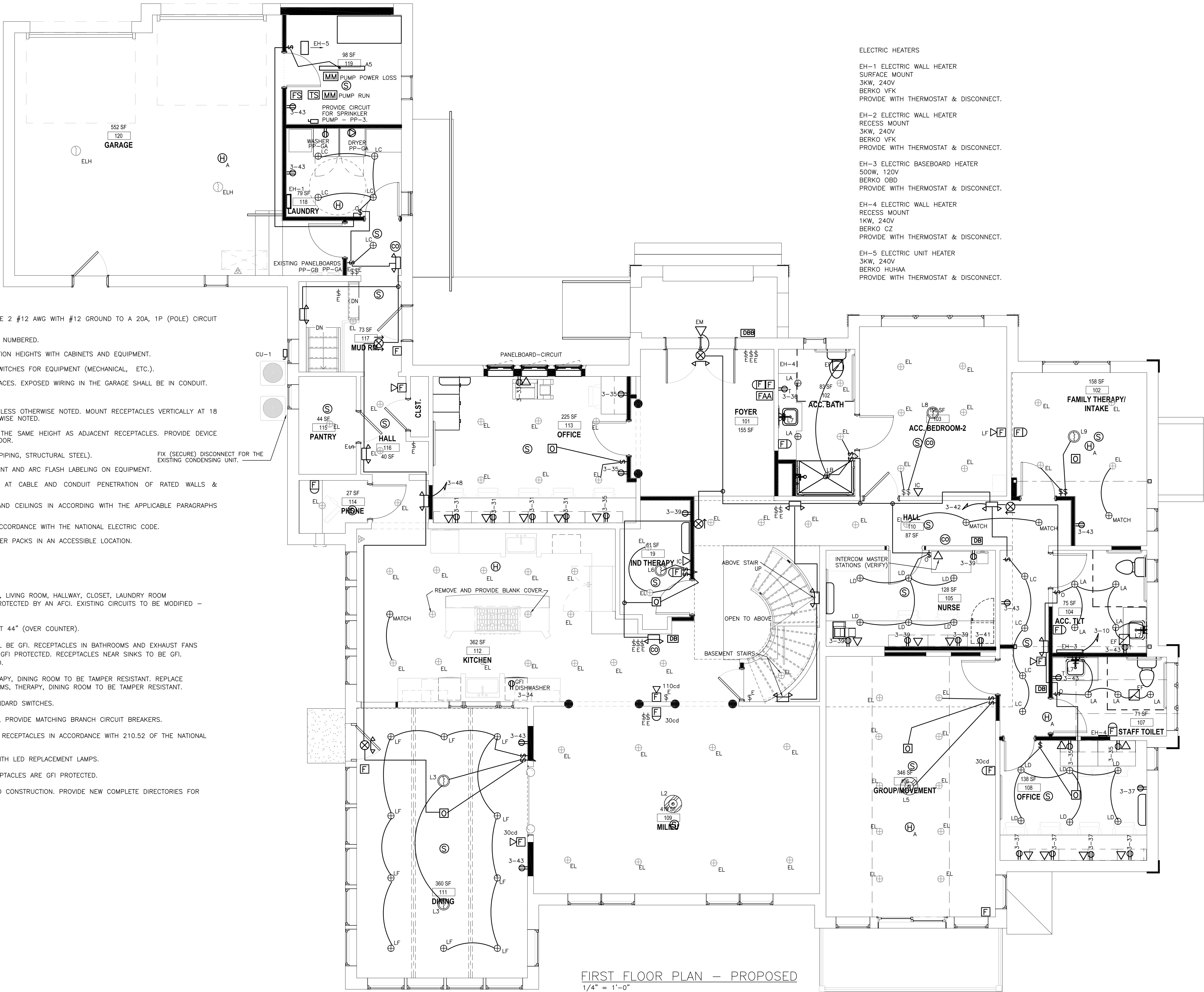
FIRE ALARM

- ☉ SMOKE DETECTOR
⊕ HEAT DETECTOR
Ⓛ FIRE ALARM PULL STATION
Ⓛ FIRE ALARM AUDIO/VISUAL
Ⓛ FIRE ALARM VISUAL (STROBE)
Ⓛ LF FIRE ALARM AUDIO/VISUAL – LOW FREQUENCY
FACP FIRE ALARM CONTROL PANEL
FAA FIRE ALARM ANNUNCIATOR
Ⓛ FIRE ALARM – SPRINKLER FLOW SWITCH
Ⓛ FIRE ALARM – VALVE SUPERVISORY (TAMPER) SWITCH
Ⓛ FIRE ALARM – SUPERVISORY MONITOR

Ⓛ_A HEAT DETECTOR – IN ATTIC ABOVE

☉ CARBON MONOXIDE DETECTOR





NOTES - ELECTRICAL

1. CIRCUITS - UNLESS OTHERWISE NOTED, PROVIDE 2 #12 AWG WITH #12 GROUND TO A 20A, 1P (POLE) CIRCUIT BREAKER.
2. PROVIDE COMPLETE CIRCUITS AS SHOWN OR AS NUMBERED.
3. COORDINATE RECEPTACLE AND SWITCH INSTALLATION HEIGHTS WITH CABINETS AND EQUIPMENT.
4. PROVIDE ELECTRIC DISCONNECTS AND SAFETY SWITCHES FOR EQUIPMENT (MECHANICAL, ETC.).
5. INSTALL ALL CABLE CONCEALED IN FINISHED SPACES. EXPOSED WIRING IN THE GARAGE SHALL BE IN CONDUIT.
6. DO NOT COMBINE NEUTRALS.
7. MOUNT SWITCHES 44 INCHES ABOVE FLOOR, UNLESS OTHERWISE NOTED. MOUNT RECEPTACLES VERTICALLY AT 18 INCHES ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
8. TEL/DATA OUTLET - INSTALL OUTLET BOX AT THE SAME HEIGHT AS ADJACENT RECEPTACLES. PROVIDE DEVICE WALL BOX WITH 1" CONDUIT TO BELOW THE FLOOR.
9. PROVIDE BONDING TO BUILDING SYSTEMS (E.G. PIPING, STRUCTURAL STEEL).
10. PROVIDE ALL REQUIRED AVAILABLE FAULT CURRENT AND ARC FLASH LABELING ON EQUIPMENT.
11. PROVIDE LISTED FIRE STOP SEALANT/SYSTEM AT CABLE AND CONDUIT PENETRATION OF RATED WALLS & PARTITIONS.
12. INSTALL DEVICE BOXES IN RATED PARTITIONS AND CEILINGS IN ACCORDING WITH THE APPLICABLE PARAGRAPHS OF SECTION 714 OF THE BUILDING CODE.
13. PROVIDE ALL MATERIALS AND INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
14. PROVIDE AND LOCATE OCCUPANCY SENSOR POWER PACKS IN AN ACCESSIBLE LOCATION.

PROJECT NOTES

- A. ALL NEW CIRCUITS SERVING KITCHEN, BEDROOM, LIVING ROOM, HALLWAY, CLOSET, LAUNDRY ROOM RECEPTACLES AND LIGHT OUTLETS SHALL BE PROTECTED BY AN AFCI. EXISTING CIRCUITS TO BE MODIFIED - REPLACE CIRCUIT BREAKER WITH AFCI.
- B. BATHROOM RECEPTACLES SHALL BE MOUNTED AT 44" (OVER COUNTER).
- C. RECEPTACLES SERVING KITCHEN COUNTER SHALL BE GFI. RECEPTACLES IN BATHROOMS AND EXHAUST FANS INSTALLED OVER THE BATHTUB/SHOWER TO BE GFI PROTECTED. RECEPTACLES NEAR SINKS TO BE GFI. DISHWASHER OUTLETS SHALL BE GFI PROTECTED.
- D. RECEPTACLES IN BEDROOMS, BATHROOMS, THERAPY, DINING ROOM TO BE TAMPER RESISTANT. REPLACE EXISTING RECEPTACLES IN BEDROOMS, BATHROOMS, THERAPY, DINING ROOM TO BE TAMPER RESISTANT.
- E. REPLACE EXISTING DIMMER SWITCHES WITH STANDARD SWITCHES.
- F. WHERE CONNECTING TO EXISTING PANELBOARDS, PROVIDE MATCHING BRANCH CIRCUIT BREAKERS.
- G. IN RENOVATED BEDROOMS PROVIDE AND SPACE RECEPTACLES IN ACCORDANCE WITH 210.52 OF THE NATIONAL ELECTRIC CODE.
- H. REPLACE ALL EXISTING INCANDESCENT LAMPS WITH LED REPLACEMENT LAMPS.
- I. VERIFY EXISTING BATHROOM AND KITCHEN RECEPTACLES ARE GFI PROTECTED.
- J. NOTE EXISTING CIRCUITS DURING REMOVALS AND CONSTRUCTION. PROVIDE NEW COMPLETE DIRECTORIES FOR THE EXISTING PANELBOARDS.

ELECTRIC HEATERS

- EH-1 ELECTRIC WALL HEATER
SURFACE MOUNT
3KW, 240V
BERKO VFK
PROVIDE WITH THERMOSTAT & DISCONNECT.
- EH-2 ELECTRIC WALL HEATER
RECESS MOUNT
3KW, 240V
BERKO VFK
PROVIDE WITH THERMOSTAT & DISCONNECT.
- EH-3 ELECTRIC BASEBOARD HEATER
500W, 120V
BERKO OBD
PROVIDE WITH THERMOSTAT & DISCONNECT.
- EH-4 ELECTRIC WALL HEATER
RECESS MOUNT
1KW, 240V
BERKO CZ
PROVIDE WITH THERMOSTAT & DISCONNECT.
- EH-5 ELECTRIC UNIT HEATER
3KW, 240V
BERKO HUHAA
PROVIDE WITH THERMOSTAT & DISCONNECT.

> design team

> interior design:



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MONTE NIDO - ROCKLAND
290 PHILLIPS HILL ROAD
NEW CITY, NY 10956

> project



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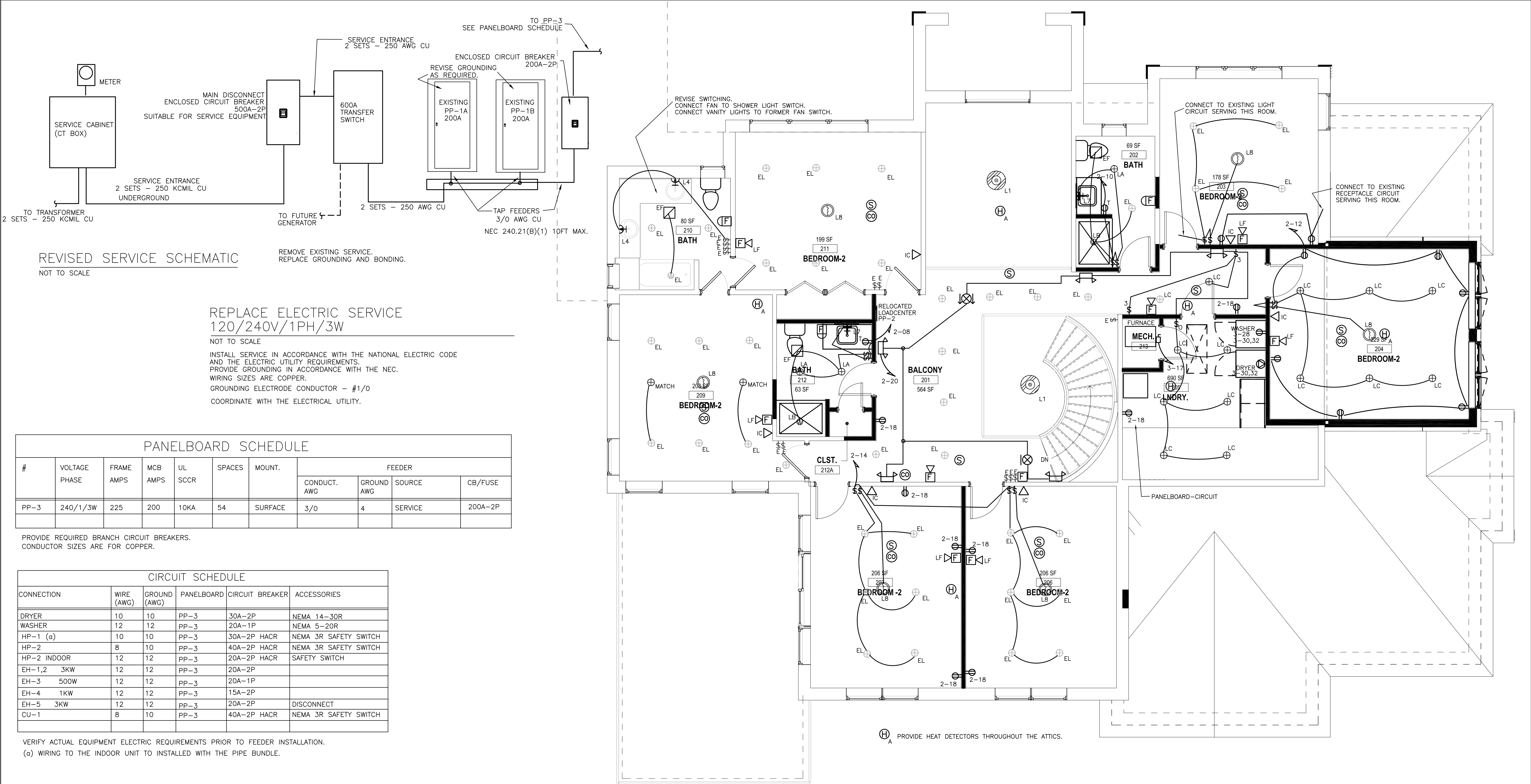
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FIRST FLOOR

E102

sheet number



LIGHT FIXTURES - REFER TO INTERIOR DESIGN SPECIFIED LIGHT FIXTURES

L1 CHANDELIER (12) E12

L2 CHANDELIER (6) A

L3 PENDANT (8) E12

L4 VANITY LED 40W

L5 CHANDELIER (4) E12

L6 CEILING LIGHT (4) E12

L7 VANITY (2) E26

L8 CEILING LIGHT (3) E26

L9 CEILING LIGHT (9) G9

PROVIDE LED LAMPS FOR ALL FIXTURES.

LIGHT FIXTURES - EXISTING

RE-LAMP ANY EXISTING INCANDESCENT LAMPS WHICH REMAIN WITH LED REPLACEMENT LAMPS.

EL EXISTING DOWNLIGHT

ELH EXISTING LAMP HOLDER

REPLACE ALL EXISTING DIMMER SWITCHES WITH STANDARD SWITCHES.

LIGHT FIXTURE SCHEDULE			
FIXTURE	DESCRIPTION	LAMP	MODEL
A5	LED 48" STRIP DROP LENS	41W, 5000L, 3500K	LITHONIA ZL1D
A524	LED 24" STRIP DROP LENS	22W, 2500L, 3500K	LITHONIA ZL1D
LA	LED 4" DOWN LIGHT , IC, AT	11W, 900L, 3000K	JUNO
LB	LED 4" DOWN LIGHT , IC, AT, WET LOCATION	11W, 900L, 3000K	JUNO
LC	LED 4" DOWN LIGHT , IC, AT	11W, 900L, 3000K	JUNO
LD	LED 6" DOWN LIGHT , IC, AT	15W, 1400L, 3000K	JUNO K22LED
LF	LED 4" DOWN LIGHT , IC, AT	11W, 900L, 3000K	JUNO
EXIT	EXIT - LED, GREEN, BATTERY		LITHONIA LQM S WG ELN SD
EXIT	EXIT LED, GREEN, WITH EMERGENCY LIGHT		LITHONIA LHQM LED HO SD
EMERGENCY	EMERGENCY FIXTURE		LITHONIA ELM2L SDRT
EMERGENCY	REMOTE EMERGENCY LIGHT, EXTERIOR 0 DEG.		
120V UNLESS OTHERWISE NOTED			
SPECIFIED FIXTURES REPRESENT MIN. EFFICIENCIES			

> design team



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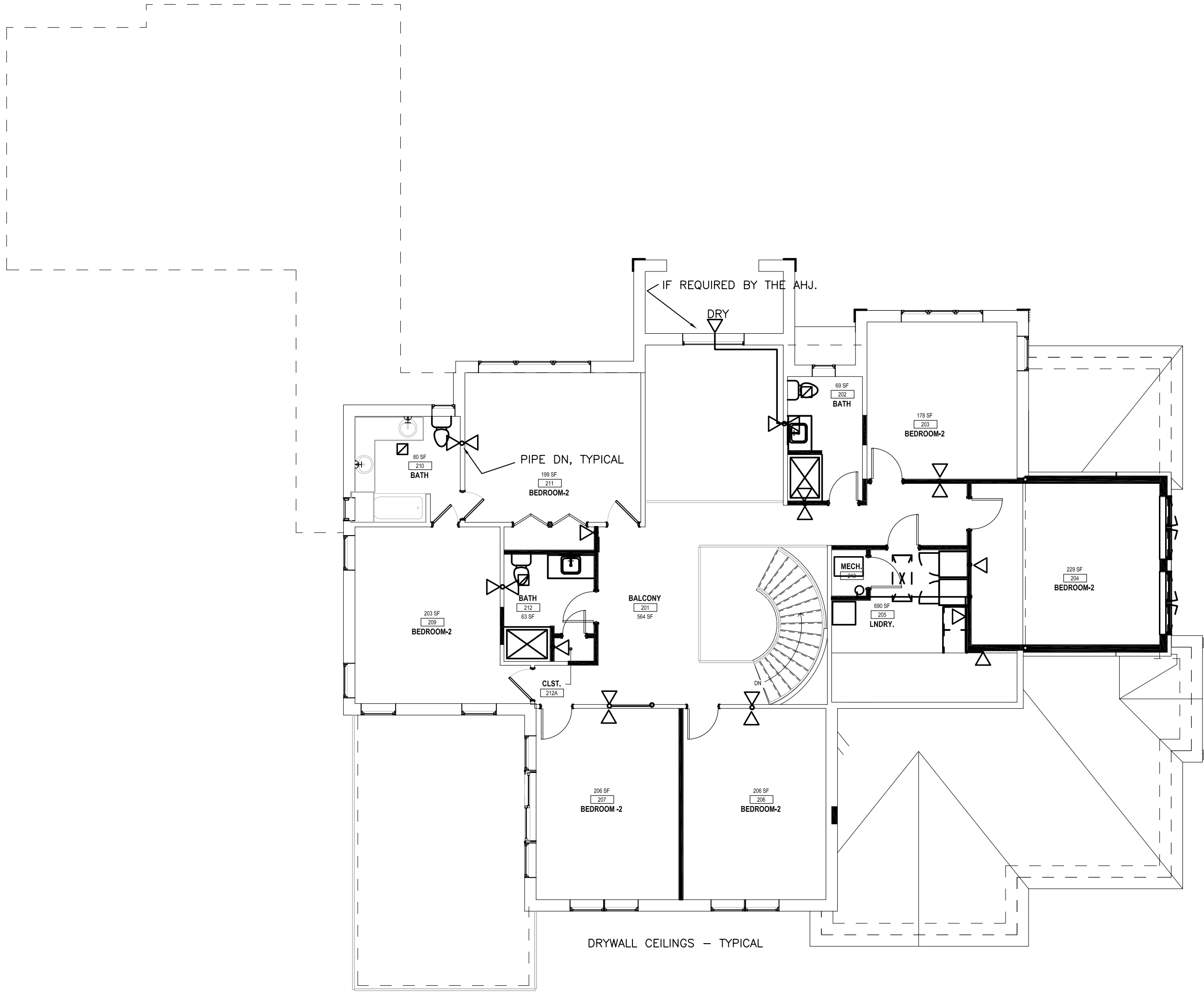
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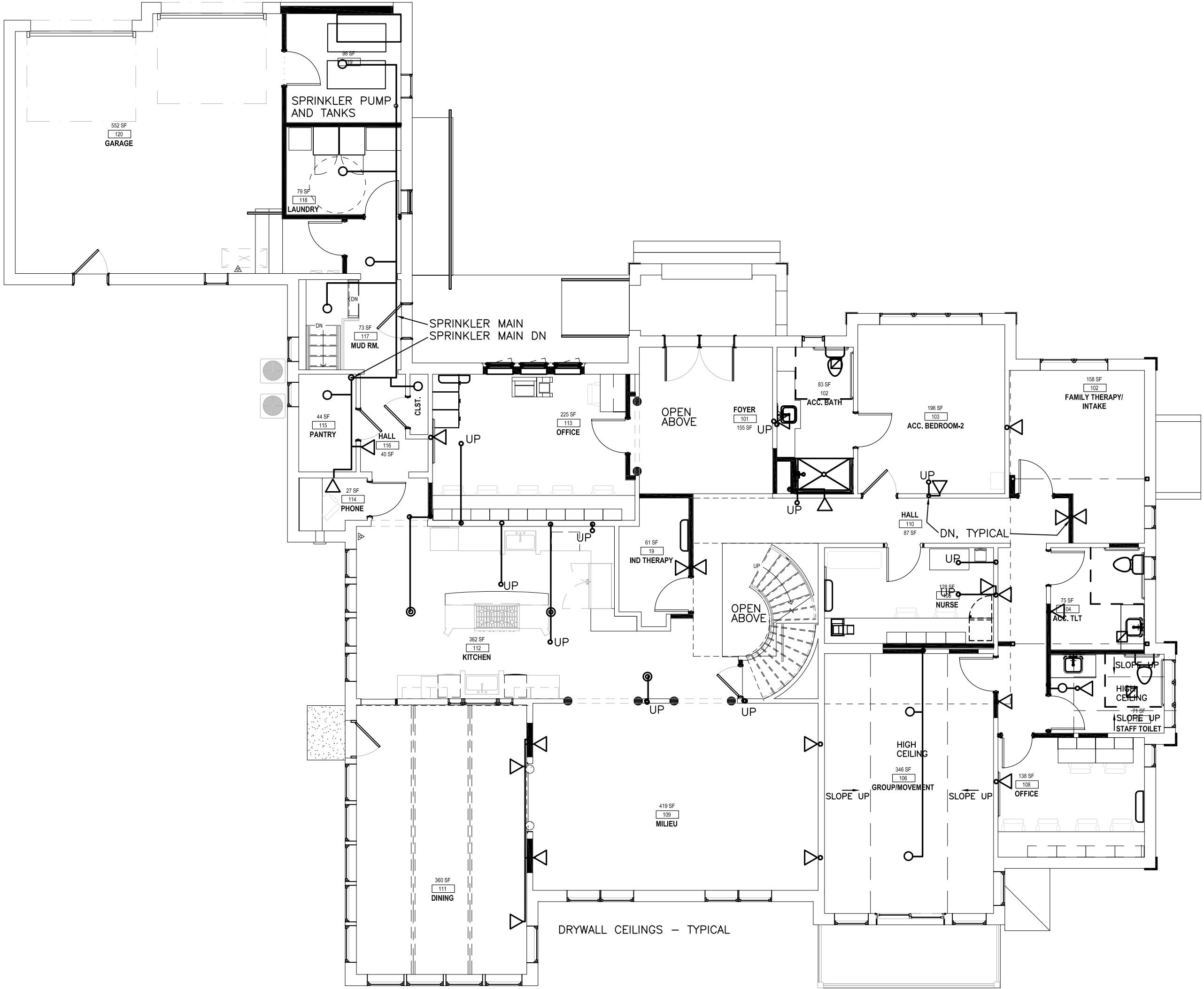
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SECOND FLOOR



SECOND FLOOR PLAN — REMOVALS
1/8" = 1'-0"



FIRST FLOOR PLAN — REMOVALS
1/8" = 1'-0"

FIRE PROTECTION SPRINKLER

GROUP R-4 CONDITION 1
NFPA 13D — 2016
NFPA 101 CHAPTER 32

ADDITIONAL REQUIREMENTS:
PROVIDE SPRINKLERS IN (ALL SIZES) ALL CLOSETS, STORAGE ROOMS, BATHROOMS, TOILET ROOMS.
PROVIDE SPRINKLERS IN THE GARAGE.
PROVIDE SPRINKLERS IN COVERED PORCHES.
COMPLY WITH THE PROVISIONS OF NFPA 101 CHAPTER 32.

PROVIDE AUTOMATIC TANK AND PUMP SYSTEM.
WATER STORAGE TO BE SIZED FOR 30 MINUTE FLOW (NFPA 101).
PROVIDE SPRINKLERS AS TO LIMIT COVERAGE TO REDUCE THE STORAGE REQUIREMENTS.

BID DRAWING IS INTENDED TO SHOW THE GENERAL SCOPE OF WORK AND GENERAL AESTHETIC REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE A COMPLETE WORKING SYSTEM. THE CONTRACTOR SHALL BASE PIPE SIZES ON THE CONTRACTOR HYDRAULIC CALCULATIONS. THE CONTRACTOR SHALL BASE SPRINKLER LAYOUT ON THE EXISTING CONDITIONS, AND THE ARCHITECTURAL AND STRUCTURAL BUILDING PLANS AND DETAILS. PROVIDE COMPLETE SYSTEMS PER NFPA 13D AND AS REQUIRED BY THE BUILDING CODE OF NEW YORK STATE.

1. PROVIDE COMPLETE HYDRAULICLY DESIGNED SYSTEM INCLUDING ALL ACCESSORIES REQUIRED BY NFPA 13D.
2. COORDINATE WITH OTHER TRADES. PROVIDE PIPING AND SPRINKLERS TO AVOID BUILDING COMPONENTS. PROVIDE ADDITIONAL SPRINKLERS TO COVER AROUND OBSTRUCTIONS. REFER TO ALL THE BUILDING DRAWINGS.
3. THE CONTRACTOR SHALL PROVIDE ALL INFORMATION REQUIRED FOR THE PERMIT AND AS REQUESTED BY THE AHJ. CERTIFICATION OF THE SHOP DRAWINGS AS REQUIRED BY THE AHJ SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. PIPING SIZE TO BE 1" MINIMUM. PROVIDE 1" CONNECTIONS TO SPRINKLER HEADS (UNLESS OTHERWISE NOTED) INCLUDING SPRINKLER HEADS UNDER OBSTRUCTIONS.
5. ALL COMPONENTS SHALL BE LISTED.
6. PROVIDE FLOW SWITCHES. PROVIDE TAMPER SWITCH ON ALL VALVES. PROVIDE EXTERIOR SPRINKLER ALARM.
7. UNLESS OTHERWISE NOTED INSTALL PIPING IN THE BASEMENT. FOR THE FIRST FLOOR AND SECOND FLOOR GENERALLY PROVIDE PIPING UP WALLS TO SIDEWALL SPRINKLERS. COORDINATE WITH THE BUILDING CONSTRUCTION AND OTHER TRADES. CONCEAL PIPING WHERE POSSIBLE.
8. PROVIDE INSPECTORS TEST VALVE. PROVIDE TEST WITH RETURN TO THE TANK.
9. PROVIDE SPARE SPRINKLERS WITH WALL MOUNTED CABINET LOCATED AT THE RISER.
10. PROVIDE LISTED RESIDENTIAL SPRINKLERS. QUICK RESPONSE SPRINKLERS MAY BE USED IN LOCATIONS PER NFPA 13D.

AUTOMATIC TANK AND PUMP SYSTEM

SIZE PUMP AND TANK AS REQUIRED BY THE CALCULATED SYSTEM DEMAND.

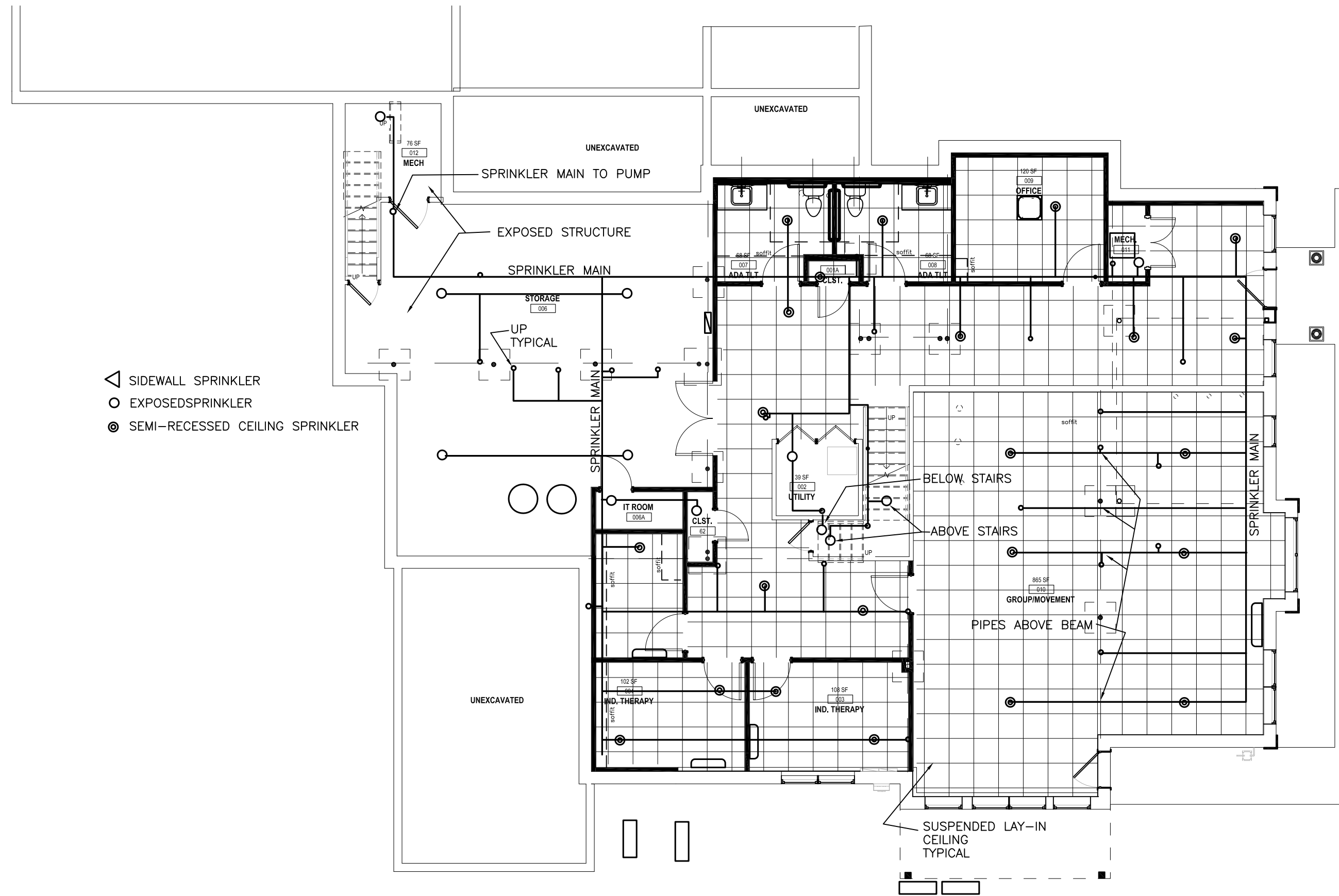
GENERAL AIR PRODUCTS OR EQUAL.

PUMP
230V-1PH
STAINLESS STEEL PUMP.
PROVIDE AUTOMATIC CONTROL PANEL.
PROVIDE CONTACTS FOR POWER LOSS AND PUMP RUN.

TANK
VERTICAL TANK. PROVIDE MULTIPLE TANKS IF REQUIRED.
PROVIDE AUTOMATIC FILL VALVE.
OVERFLOW DRAIN.

PROJECT NOTES

- A. THERE IS EXISTING CORNICE TRIM THROUGH THE FIRST FLOOR AND THE SECOND FLOOR. COORDINATE SIDEWALL SPRINKLERS WITH IT.



LOWER LEVEL PLAN — REMOVALS
1/8" = 1'-0"

> design team

> interior design:



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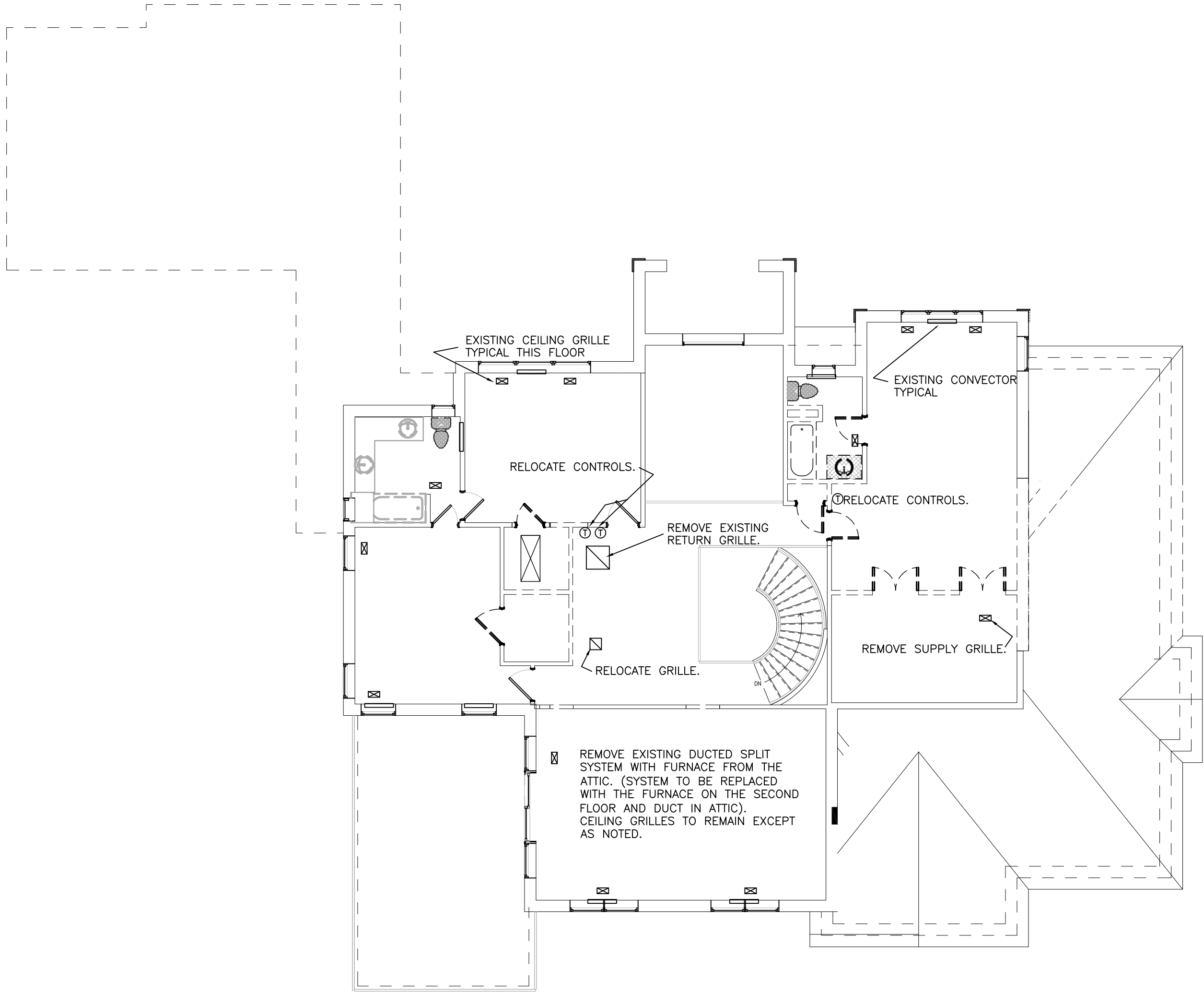
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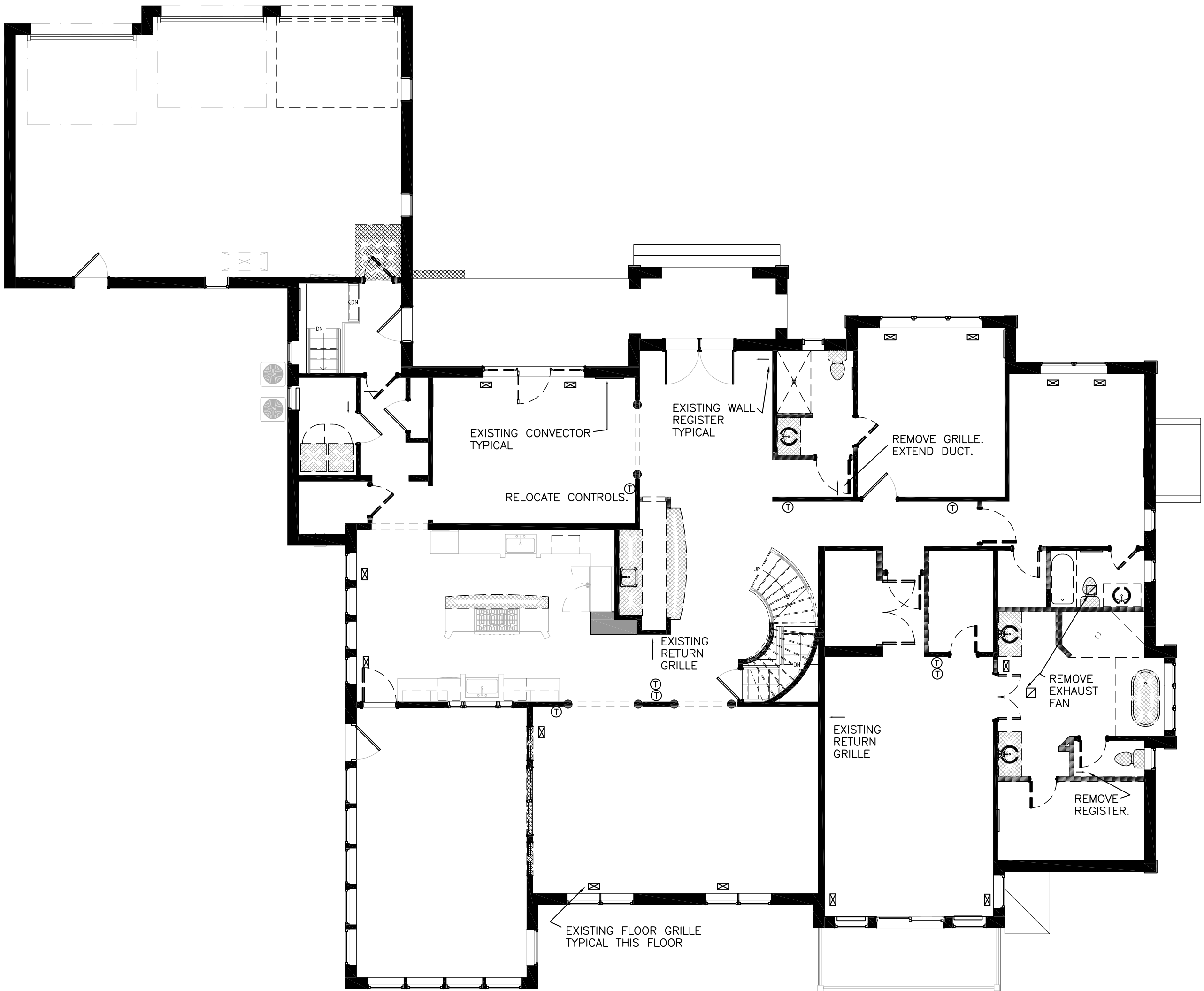
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FIRE PROTECTION
SPRINKLER

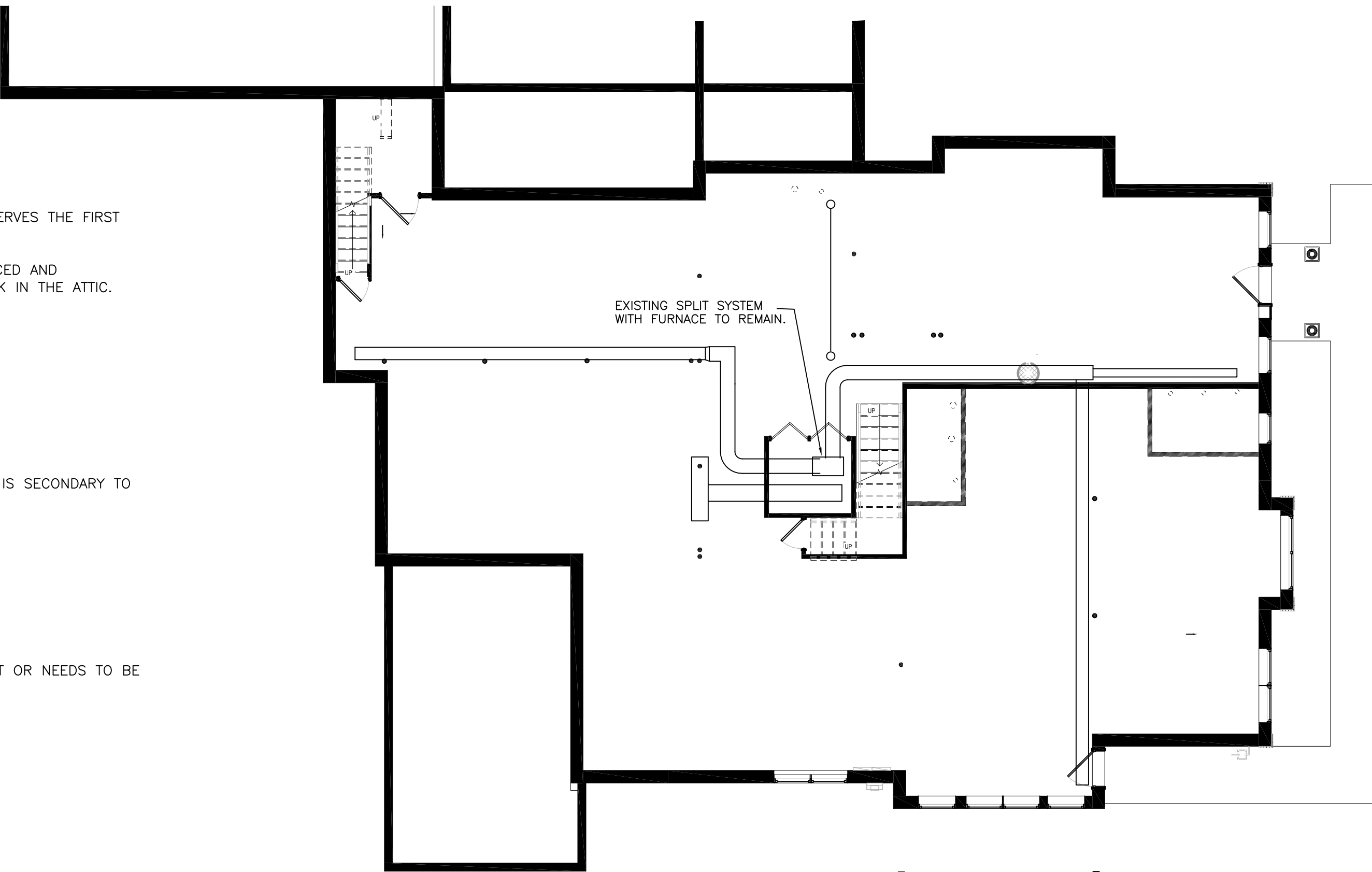
F101
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SECOND FLOOR PLAN — REMOVALS
1/8" = 1'-0"



FIRST FLOOR PLAN — REMOVALS
1/8" = 1'-0"



LOWER LEVEL PLAN — REMOVALS
1/8" = 1'-0"

REMOVALS

THE EXISTING DUCTED SPLIT SYSTEM WITH FURNACE (LOCATED IN THE LOWER LEVEL) THAT SERVES THE FIRST FLOOR WILL REMAIN IN PLACE. THE SYSTEM WILL BE REVISE AND EXTENDED.

THE EXISTING DUCTED SPLIT SYSTEM WITH FURNACE (LOCATED IN THE ATTIC) WILL BE REPLACED AND EXTENDED. THE NEW FURNACE LOCATION WILL BE ON THE SECOND FLOOR WITH THE DUCTWORK IN THE ATTIC.

EXISTING HOT WATER HEATING SYSTEM

THE EXISTING HOT WATER HEATING SYSTEM IS TO REMAIN IN PLACE. REVISE CONTROL SO IT IS SECONDARY TO THE CENTRAL AIR HEAT (FURNACE).

DISABLE THE DOMESTIC HOT WATER CONNECTION AND CONTROL.

MARK THE FOLLOWING ITEMS ON THE AS-BUILT SET:

1. VERIFY WHICH CONVECTORS ARE ON WHICH ZONE.
2. DETERMINE EXTENT OF THE IN-FLOOR HEATING.
3. VERIFY WHICH THERMOSTATS SERVE WHICH ZONE.
4. ANY CHANGES TO THE EXISTING SYSTEM DUE TO CONSTRUCTION.

DURING CONSTRUCTION, WORK WITH THE OTHER TRADES TO DETERMINE IF ANY PIPING IS CUT OR NEEDS TO BE DISCONNECTED.

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> interior design:



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REMOVALS

M001

sheet number

NOTES - HVAC

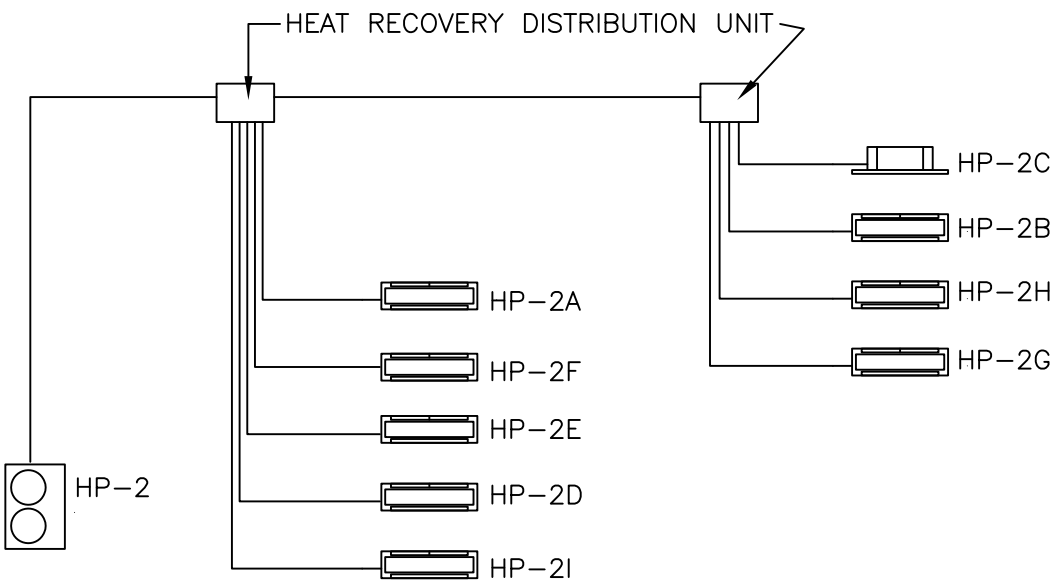
1. INSULATE UNLINED SUPPLY AIR DUCT R-6 MINIMUM. INSULATE OUTSIDE AIR DUCT, LOUVER PLENUMS, AND DUCTS IN ATTIC SPACES R-8 MINIMUM.
2. BALANCE AIR SYSTEMS. BALANCE. SUBMIT COPIES OF START UP AND BALANCE REPORTS TO THE OWNER.
3. PROVIDE OPERATING AND MAINTENANCE LABELS IN ACCORDANCE WITH THE ENERGY CODE.
4. PROVIDE AND INSTALL EQUIPMENT AND DUCT IN ACCORDANCE WITH NEW YORK STATE ENERGY CODE AND MECHANICAL CODE.
5. COORDINATE DUCTWORK WITH OTHER TRADES PRIOR TO INSTALLATION. PROVIDE OFFSETS AND TRANSITIONS.
6. PROVIDE CONDENSATE DRAIN PIPING TO AN INDIRECT DRAIN. COORDINATE WITH PLUMBING.
7. REFRIGERANT PIPING - REFRIGERANT PIPING SHALL BE SIZED BY THE CONDENSING UNIT MANUFACTURER. INSULATE THE ENTIRE SUCTION LINE. PROVIDE FINISH ON EXTERIOR INSULATION. INSTALL EXPOSED PIPING NEATLY AND PLUMB TO THE BUILDING. PROVIDE SUPPORTS
8. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
9. PROVIDE OPERATION AND MAINTENANCE INFORMATION TO THE OWNER. PROVIDE AS-BUILT DOCUMENTATION TO THE OWNER.
10. PROVIDE SUPPORTS FOR PIPING. SUPPORT STRAPS FOR TUBING. HANGERS FOR SUSPENDED AND SLOPED PIPING.

DUCTWORK

DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTED IN ACCORDANCE WITH SMACNA 1" PRESSURE CLASS AND C SEAL CLASS. IN ADDITION ALL SEAMS AND JOINTS SHALL BE SEALED IN ACCORDANCE WITH THE ENERGY CODE. ROUND DUCT SHALL BE SPIRAL.

FABRICATE DUCTS IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
INSTALL AND SUPPORT DUCTS IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

PROVIDE RADIUS DUCT ELBOWS. IF USED, PROVIDE TURNING VANES IN ALL MITERED ELBOWS. PROVIDE A VOLUME DAMPER IN EACH BRANCH TO SUPPLY OUTLETS (EXCEPT WHERE DAMPERS ARE SHOWN AT THE DIFFUSERS, VENTILATION AIR OUTLETS (INSTALL WHERE SHOWN) AND TO EXHAUST GRILLES. ALL DUCT BRANCHES SHALL BE 45 DEG. TAP TYPE. BRANCHES TO DIFFUSERS AND GRILLES SHALL BE THE SIZE OF THE DIFFUSER NECK UNLESS OTHERWISE NOTED.



VRF SCHEMATIC
NOT TO SCALE

HP-2 - VRF HEAT RECOVERY
PROVIDE COMPLETE SYSTEM.
COOLING - 60MBH
HEATING - 64MBH
240V, 1PH
LG ARUB060GSS4
REMOTE CONTROLLER - LG PREMTBVC2

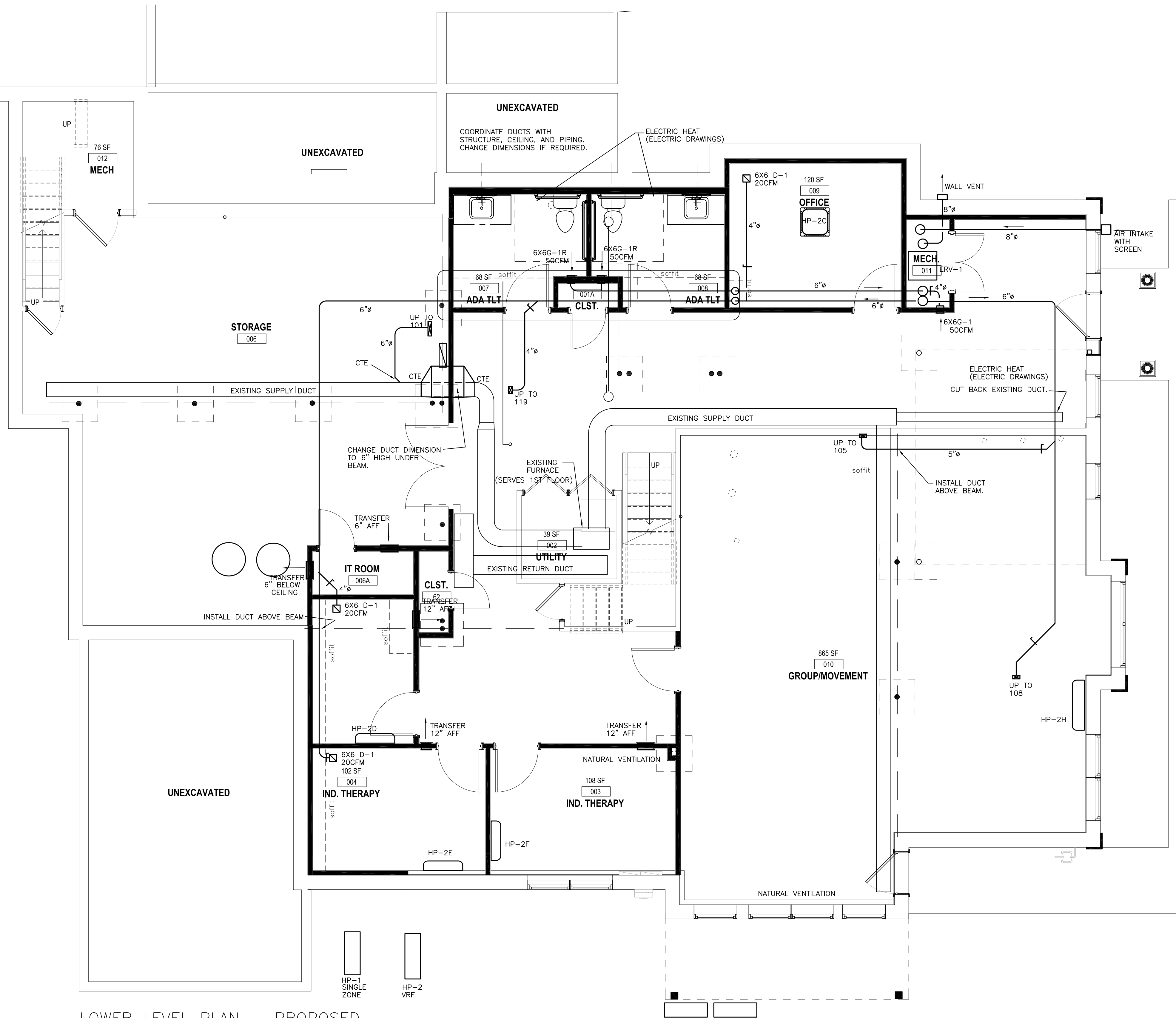
INDOOR UNITS
HP-2A WALL MOUNT, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053SJA4
HP-2B WALL MOUNT, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053SJA4
HP-2C RECESSED CEILING, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053TRD4
HP-2D WALL MOUNT, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053SJA4
HP-2E WALL MOUNT, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053SJA4
HP-2F WALL MOUNT, COOLING 5.5MBH, HEATING 6.1MBH, LG ARNU053SJA4
HP-2G WALL MOUNT, COOLING 9.6MBH, HEATING 10.9MBH, LG ARNU093SJA4
HP-2H WALL MOUNT, COOLING 15.4MBH, HEATING 17.1MBH, LG ARNU153SJA4
HP-2I WALL MOUNT, COOLING 7.5MBH, HEATING 8.5MBH, LG ARNU073SJA4

HEAT PUMP VRF SYSTEMS
PROVIDE COMPLETE SUBMITTAL INCLUDING CONTROLS.
INSULATE PIPING.
PROVIDE VINYL FINISH COATING FOR EXPOSED OUTSIDE INSULATION.
INSTALL PIPING NEAT AND PLUMB.
PROVIDE CONDENSATE DRAIN PIPING.
PROVIDE CONDENSATE DRAIN TRAP IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
WALL MOUNTED UNITS - PROVIDE CHECK VALVE IN THE DRAIN LINE.
PROVIDE INTERNAL CONDENSATE PUMP WHERE REQUIRED.
INSTALL HEAT PUMPS A MINIMUM OF 12" ABOVE THE GROUND.
PROVIDE LISTED CABLE CONTROL.
CONCEAL EXTERIOR AND REFRIGERANT PIPING WHERE POSSIBLE. PROVIDE LINE SET COVERS FOR PIPING EXTERIOR AND INTERIOR THAT CAN NOT BE CONCEALED OTHERWISE.
RECTORSAL OR EQUAL. COLOR TO BE SELECTED BY THE ARCHITECT/OWNER.
SEAL/CAULK PENETRATIONS OF EXTERIOR WALLS.
PROVIDE NEAT FINISH FOR ANY EXPOSED PENETRATIONS.

PROVIDE COMPLETE CONTROL.
PROVIDE COMPLETE SET UP AND PROGRAMING.

LOWER LEVEL PLAN - PROPOSED

1/4" = 1'-0"



DESIGN CRITERIA	
CLIMATE ZONE	5A
HEATING OUTSIDE AIR TEMPERATURE DESIGN SETPOINT	12 DB / 72
COOLING OUTSIDE AIR TEMPERATURE DESIGN SETPOINT	87 DB / 75 WB
(TEMPERATURE - DEGREES F)	

> design team

> interior design:



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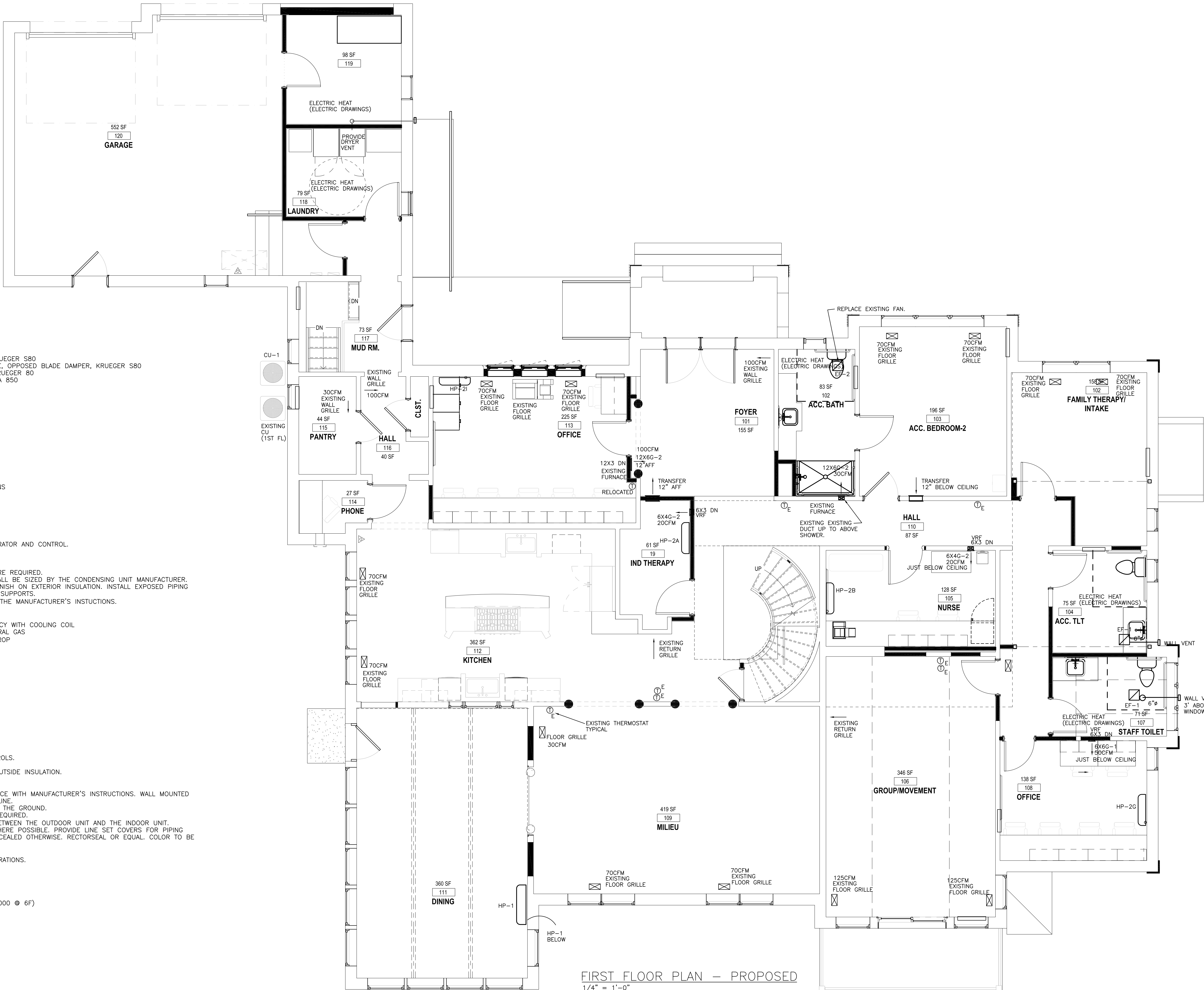
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LOWER LEVEL

M101
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EQUIPMENT - HVAC

DIFFUSER AND GRILLES

D-1 SUPPLY GRILLE, 1 WAY, KRUEGER 180
D-2 SUPPLY GRILLE, 2 WAY, KRUEGER 180
G-1 GRILLE - RETURN LOUVERED SURFACE, KRUEGER S80
G-1R GRILLE - RETURN LOUVERED SURFACE, OPPOSED BLADE DAMPER, KRUEGER S80
G-2 SUPPLY GRILLE, HORIZONTAL LOUVERED, KRUEGER 80
R-1 SUPPLY HEAVY DUTY FLOOR REGISTER, LIMA 850

EF-1 - CEILING EXHAUST FAN WITH GRILLE
70 CFM @ .25"
115V, EC MOTOR
1 SONE
GREENHECK SP-A90

EF-2 - CEILING EXHAUST FAN WITH GRILLE
50 CFM @ .35"
115V, EC MOTOR
<1 SONE
BROAN AE80

ERV-1 - PACKAGED HEAT EXCHANGER WITH FANS
EXHAUST - 150 CFM @ .6"
OUTSIDE AIR - 150 CFM @ 0.6"
120V ECM
RENEWAIRE EV PREMIUM L
PROVIDE 2" PLEATED DISPOSABLE FILTERS.
PROVIDE EXHAUST BACKDRAFT DAMPER.
PROVIDE TIMER CONTROLLER - WALL MOUNT.
LOW LEAKAGE (CLASS 1) DAMPER OA WITH OPERATOR AND CONTROL.

SPLIT SYSTEM - COOLING WITH FURNACE
ACCESSORIES FOR LONG LINE APPLICATION WHERE REQUIRED.
REFRIGERANT PIPING - REFRIGERANT PIPING SHALL BE SIZED BY THE CONDENSING UNIT MANUFACTURER.
INSULATE THE ENTIRE SUCTION LINE. PROVIDE FINISH ON EXTERIOR INSULATION. INSTALL EXPOSED PIPING NEATLY AND PLUMB TO THE BUILDING. PROVIDE SUPPORTS.
PROVIDE FURNACE VENTS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

F-1 - FURNACE - DIRECT VENT HIGH EFFICIENCY WITH COOLING COIL
80 MBH TWO STAGE INPUT, 96% MINIMUM NATURAL GAS
1,200 CFM @ .5" ESP PLUS COIL PRESSURE DROP
115V ECM
COIL - 4 TON, R-410A, CASED
PROVIDE CONDENSATE NEUTRALIZER.
2" PLEATED FILTER
CU-1 - CONDENSING UNIT
4 TON, 14 SEER, R-410A
TWO STAGE
SEER 15 MIN.
208/230V, 1PH
YORK, CARRIER

HEAT PUMP SPLIT SYSTEMS - TYPICAL
PROVIDE COMPLETE SUBMITTAL INCLUDING CONTROLS.
INSULATE PIPING.
PROVIDE VINYL FINISH COATING FOR EXPOSED OUTSIDE INSULATION.
INSTALL PIPING NEAT AND PLUMB.
PROVIDE CONDENSATE DRAIN PIPING.
PROVIDE CONDENSATE DRAIN TRAP IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. WALL MOUNTED
UNITS - PROVIDE CHECK VALVE IN THE DRAIN LINE.
INSTALL HEAT PUMPS A MINIMUM OF 12" ABOVE THE GROUND.
PROVIDE INTERNAL CONDENSATE PUMP WHERE REQUIRED.
PROVIDE LISTED CABLE FOR POWER/CONTROL BETWEEN THE OUTDOOR UNIT AND THE INDOOR UNIT.
CONCEAL EXTERIOR AND REFRIGERANT PIPING WHERE POSSIBLE. PROVIDE LINE SET COVERS FOR PIPING EXTERIOR AND INTERIOR THAT CAN NOT BE CONCEALED OTHERWISE. RECTORSEAL OR EQUAL. COLOR TO BE SELECTED BY THE ARCHITECT/OWNER.
SEAL/CAULK PENETRATIONS OF EXTERIOR WALLS.
PROVIDE NEAT FINISH FOR ANY EXPOSED PENETRATIONS.

HP-1
SPLIT SYSTEM HEAT PUMP
INDOOR UNIT - WALL MOUNT
18,000 BTUH COOLING, SEER 24
21,600 BTUH HEATING, HSPF 13 (HEATING 21,000 @ 6F)
208/230V-1PH
LG LA180HYV3
PROVIDE BASE PAN HEATER.

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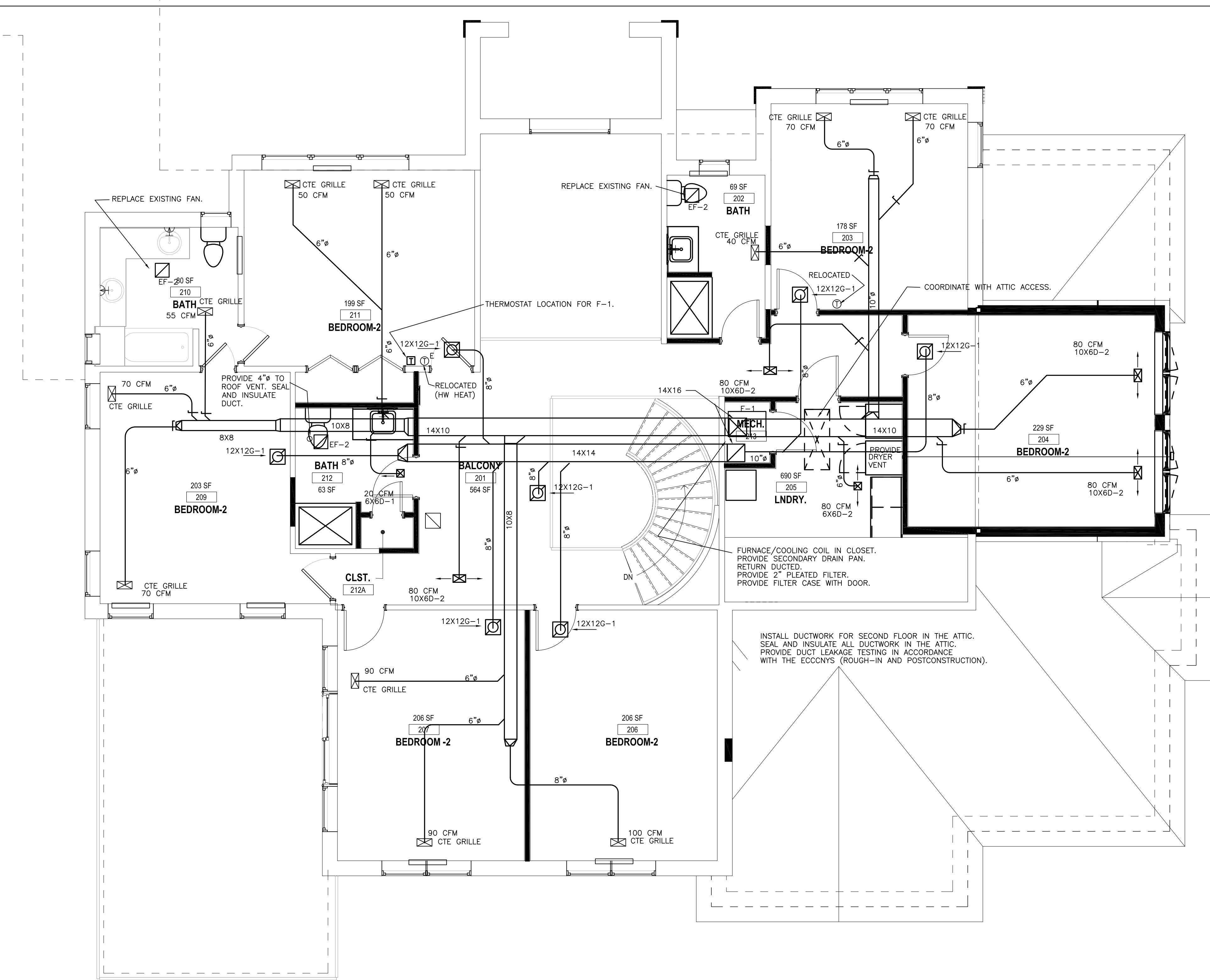
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FIRST FLOOR

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SECOND FLOOR PLAN — PROPOSED
1/4" = 1'-0"

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> design team

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dig

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LICENSED PROFESSIONAL ENGINEER
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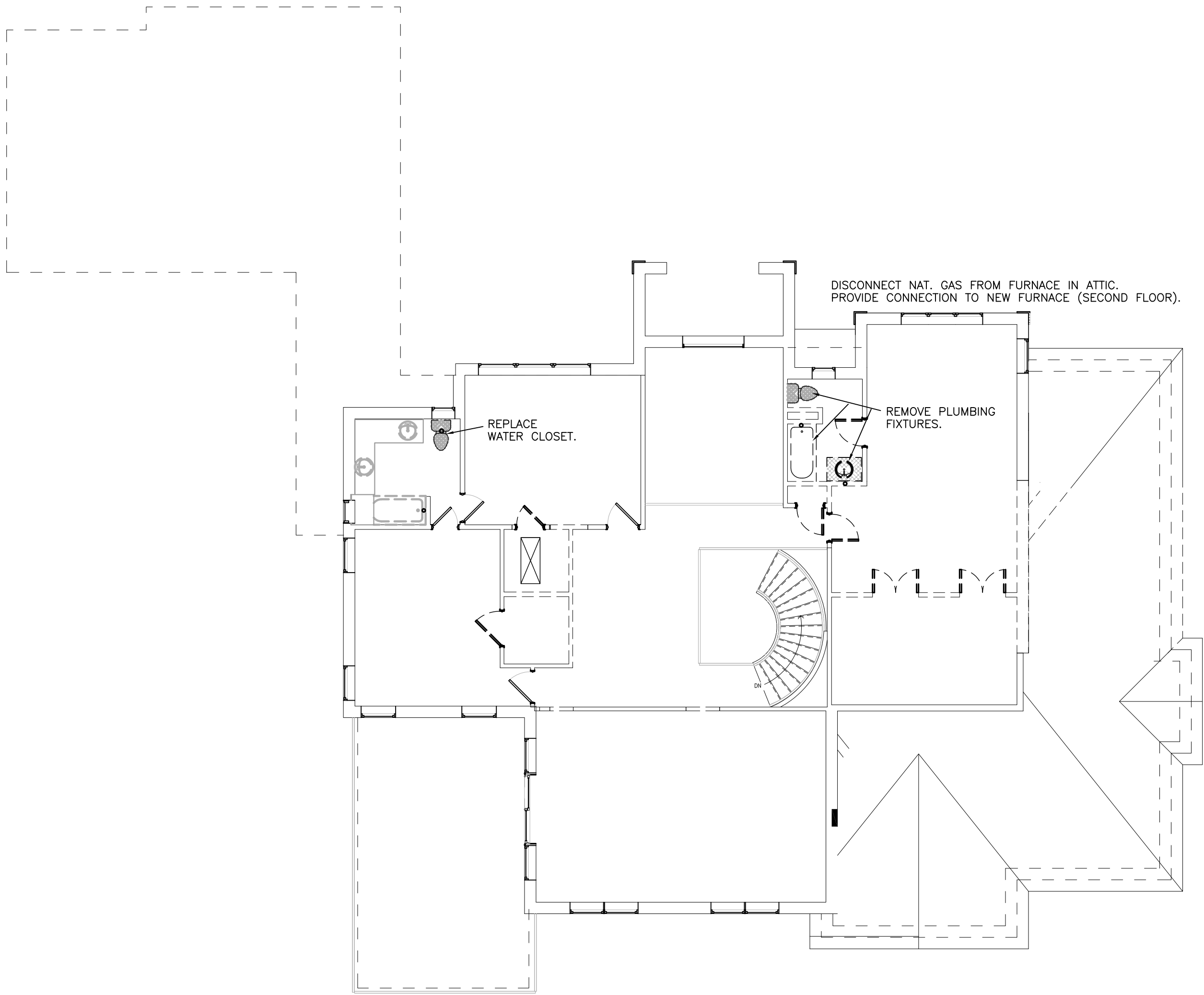
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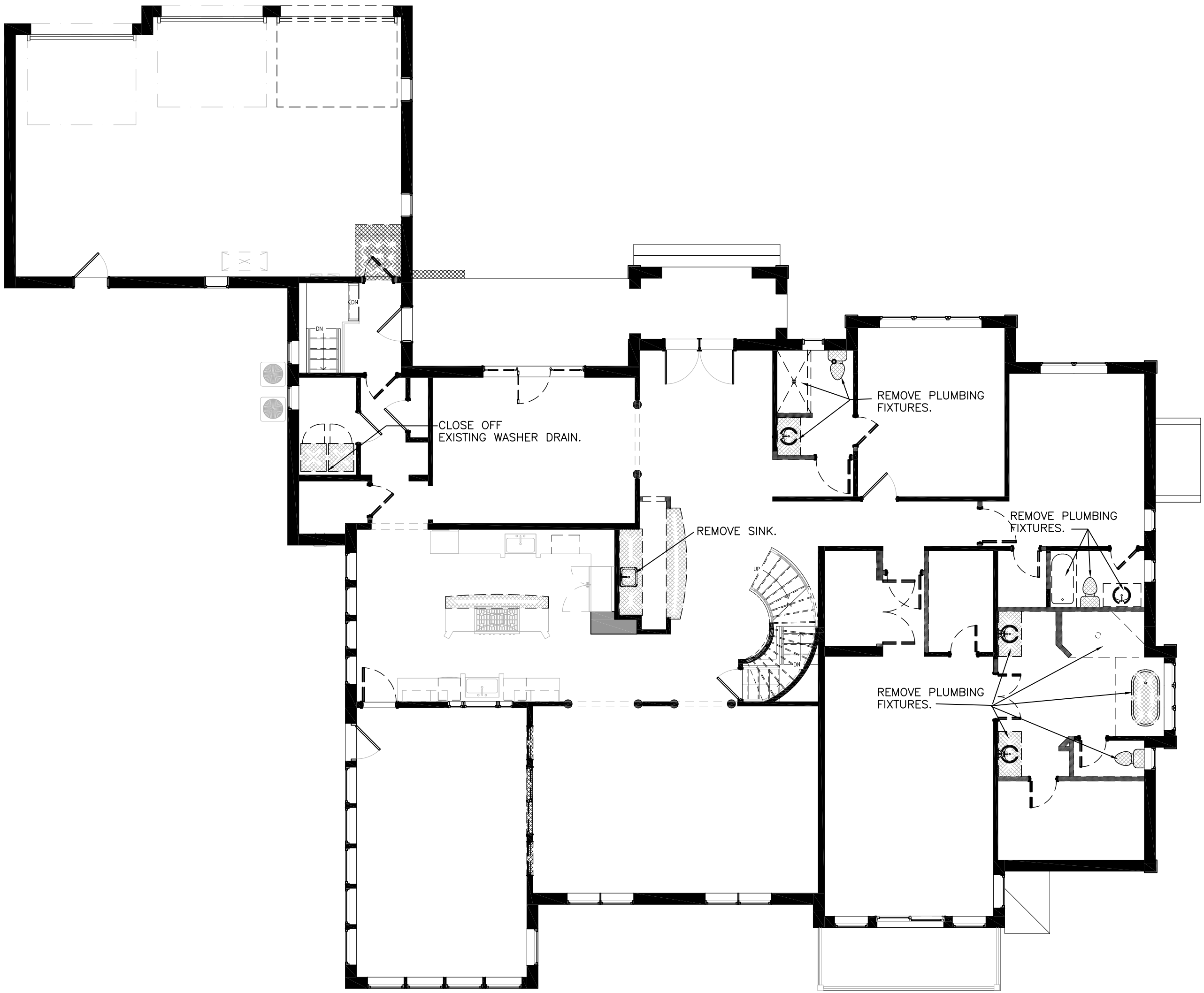
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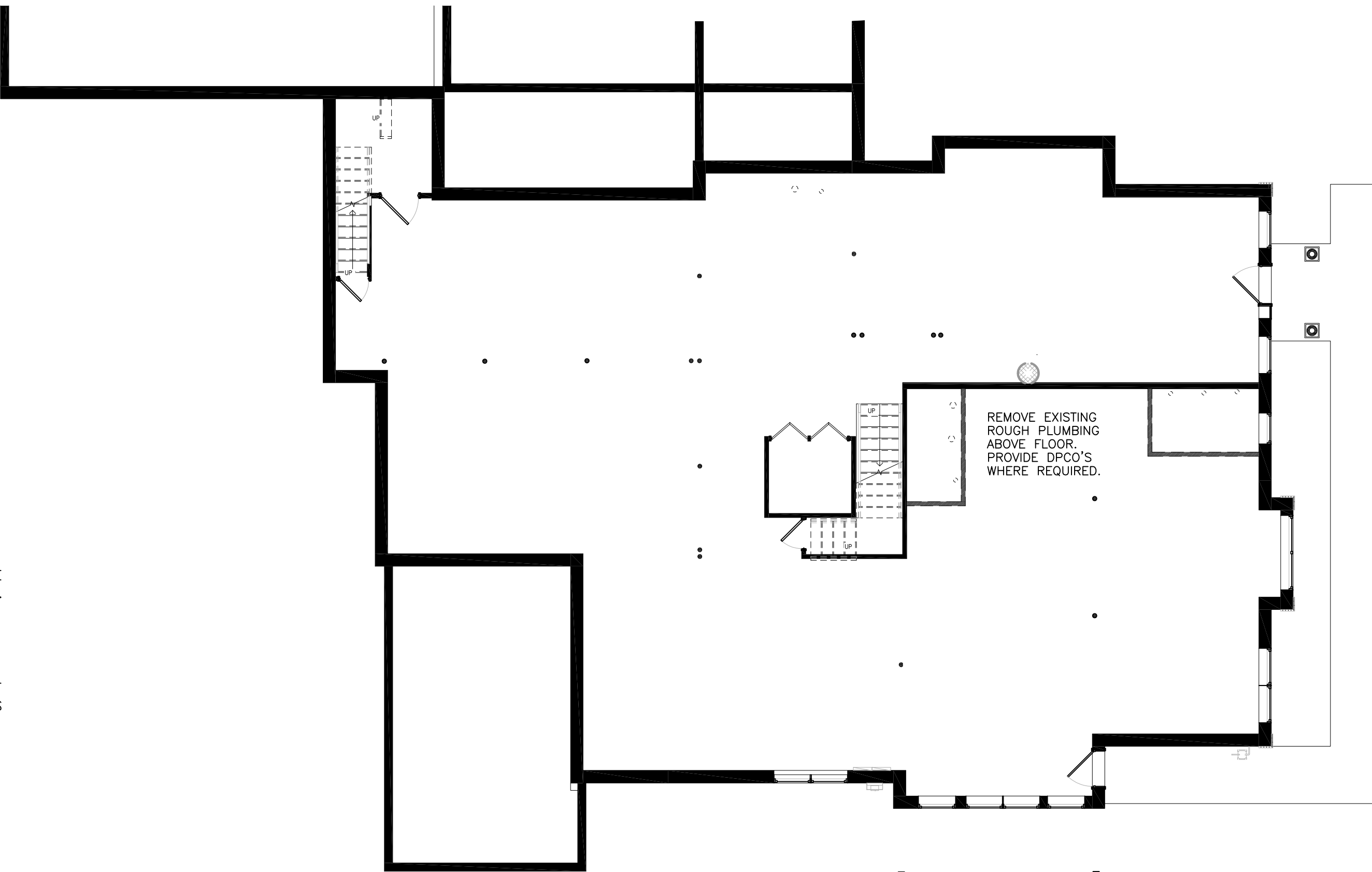
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SECOND FLOOR PLAN — REMOVALS
1/8" = 1'-0"



FIRST FLOOR PLAN — REMOVALS
1/8" = 1'-0"



LOWER LEVEL PLAN — REMOVALS
1/8" = 1'-0"

PRIOR TO ANY WORK: DETERMINE THE LOCATION, DEPTH, AND DIRECTION OF THE EXISTING UNDERGROUND SANITARY PRIOR TO INSTALLATION OF ANY NEW PIPING. USE NECESSARY EQUIPMENT.

- REMOVALS — PLUMBING
- WHERE FIXTURES ARE SHOWN TO BE REMOVED COORDINATE TERMINATIONS OF EXISTING PIPING WITH NEW WORK. REMOVE BRANCH PIPING TO THE MAINS AND CAP.
 - PATCH SURFACES TO MATCH EXISTING.

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REMOVALS

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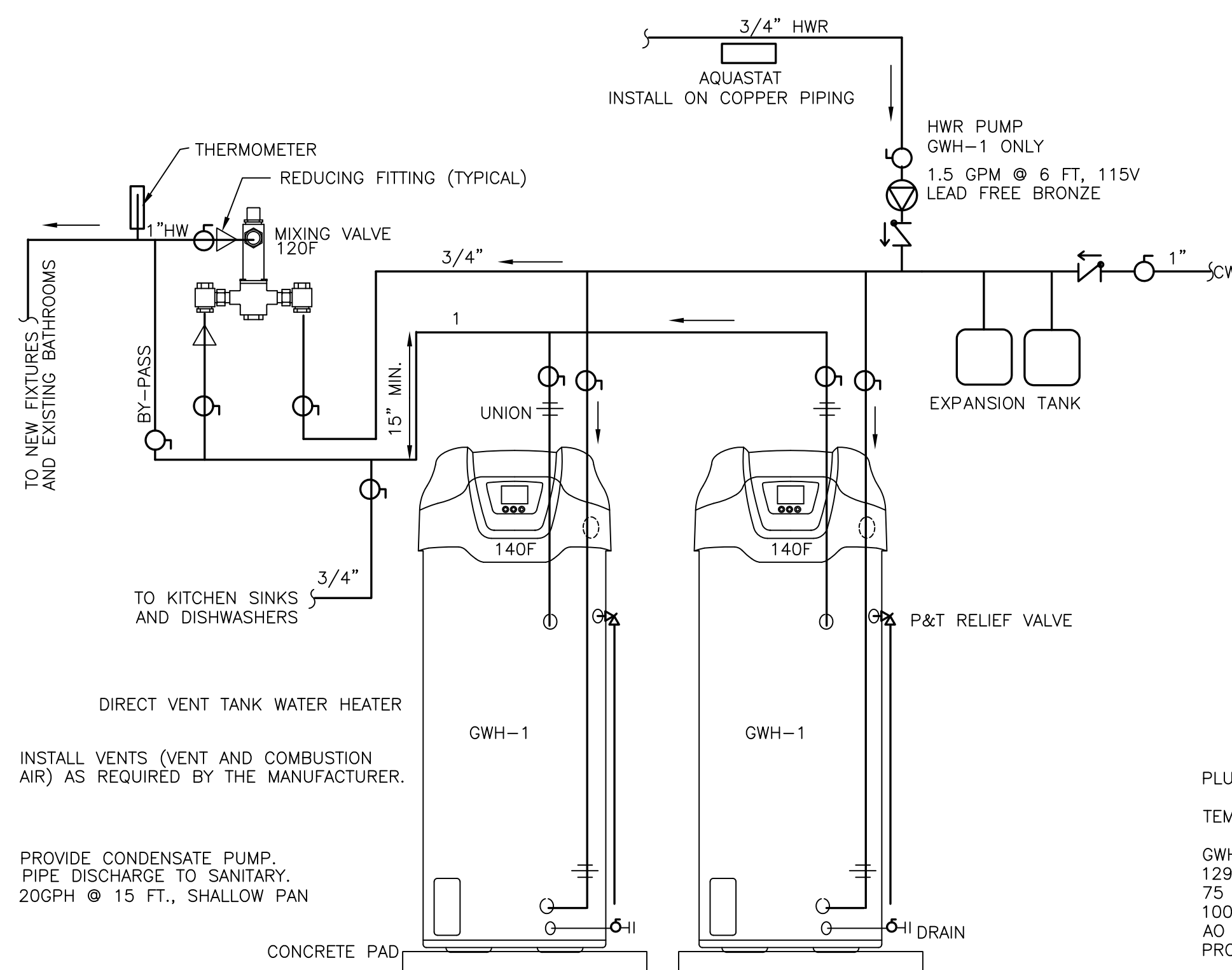
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LOWER LEVEL

P101
sheet number

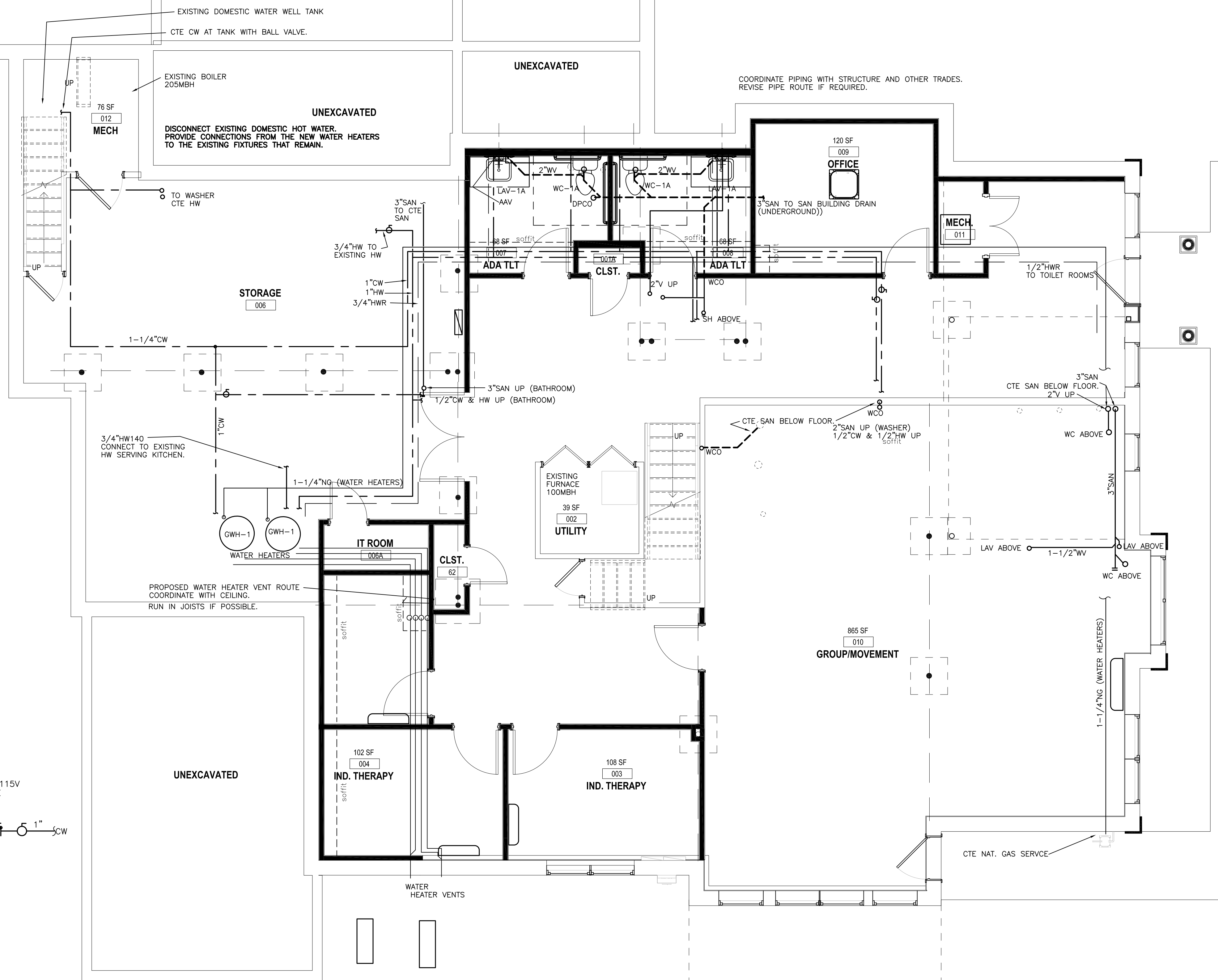
SYMBOLS - PLUMBING

▽	LISTED GAS VALVE
○	BALL VALVE
	UNION
FD	FLOOR DRAIN
FD-TB	FLOOR DRAIN WITH ASSE 1072 TRAP BARRIER
CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
SAN	SANITARY DRAINAGE (WASTE OR SOIL)
V	VENT
CV	CIRCUIT VENT
WV	WET VENT
WSV	WASTE STACK VENT
DPCO	DECK PLATE CLEAN OUT (FLOOR)
CO	CLEAN OUT
WCO	WALL CLEAN OUT
IT	CLEAN OUT
VTR	VENT THROUGH ROOF
IW	INDIRECT WASTE
WH	WALL HYDRANT (HOSE BIB)
WHA	WATER HAMMER ARRESTOR
PD	PUMP DISCHARGE
AAV	AIR ADMITTANCE VALVE
DH	DRAIN HUB
NG	NATURAL GAS
CTE	CONNECT TO EXISTING



DOMESTIC WATER SCHEMATIC

NOT TO SCALE



LOWER LEVEL PLAN - PROPOSED

1/4" = 1'-0"

PLUMBING EQUIPMENT

TEMPERING VALVE - ASSE 1070 CHROME - POWERS LFE480-01

GWH-1 - DIRECT VENT WATER HEATER
129GPH
75 GALLON
100MBH NAT. GAS
AO SMITH GDHE-75
PROVIDE VENTS TO EXTERIOR.

EXPANSION TANK - WATTS PLT-20, 40 PSIG PRE-CHARGE
MIXING VALVE - POWERS LFSH1432 19GPM @ 5 PSI

PROJECT NOTES

- NEW ACCESSIBLE WATER CLOSETS THAT REPLACE EXISTING WATER CLOSETS MAY NEED TO BE MOVED TO COMPLY WITH ICC A117.1. REVISE PIPING AS NECESSARY.
- VERIFY DOMESTIC WATER PUMP PRESSURE SWITCH SETTINGS. COORDINATE WITH OWNER IF LESS OR MORE THAN 40/60.
- REPLACE EXISTING DOMESTIC HOT WATER SYSTEM. PROVIDE CONNECTIONS TO EXISTING PIPING. PROVIDE HOT WATER RECIRCULATION TO TOILET ROOMS.

NATURAL GAS PIPING

- PROVIDE PLUG VALVE, UNION, AND DIRT LEG AT ALL FUEL GAS CONNECTIONS TO EQUIPMENT.
- COORDINATE WITH THE LOCAL UTILITY.
- EXTERIOR PIPING SHALL BE COATED (PRIMED AND PAINTED). ON SIDE OF BUILDING COLOR TO MATCH BUILDING.
- VERIFY PIPING IS CORRECTLY BONDED.
- SIZES ARE BASED ON SCHEDULE 40 STEEL PIPE.

NOTES - PLUMBING

- COORDINATE FIXTURES WITH THE ARCHITECTURAL PLANS. ACCESSIBLE FIXTURES TO COMPLY WITH ICC A117.1 STANDARDS. ACCESSIBLE SINKS - INSULATE OR PROTECT PIPING UNDER LAV PER A117.1.
- PROVIDE ALL PIPING INCLUDING CONNECTIONS TO EQUIPMENT AND FIXTURES.
- PROVIDE AND INSTALL MATERIALS IN ACCORDANCE WITH THE PLUMBING CODE.
- INSULATE ALL NEW DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. R3 INSULATION
- PROVIDE COMPLETE SYSTEM IN ACCORDANCE WITH STATE AND LOCAL CODES. PAY ALL ASSOCIATED FEES AND OBTAIN ALL REQUIRED INSPECTIONS.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- PROVIDE ROUGH AND FINISH PLUMBING FOR FIXTURES. PROVIDE STOP VALVES FOR WATER CONNECTIONS.
- PROVIDE OPERATION AND MAINTENANCE INFORMATION TO THE OWNER. PROVIDE AS-BUILT DOCUMENTATION TO THE OWNER.
- PROVIDE FLOOR CUT, TRENCHING, BACKFILL AND FLOOR PATCH FOR UNDER FLOOR PIPING.

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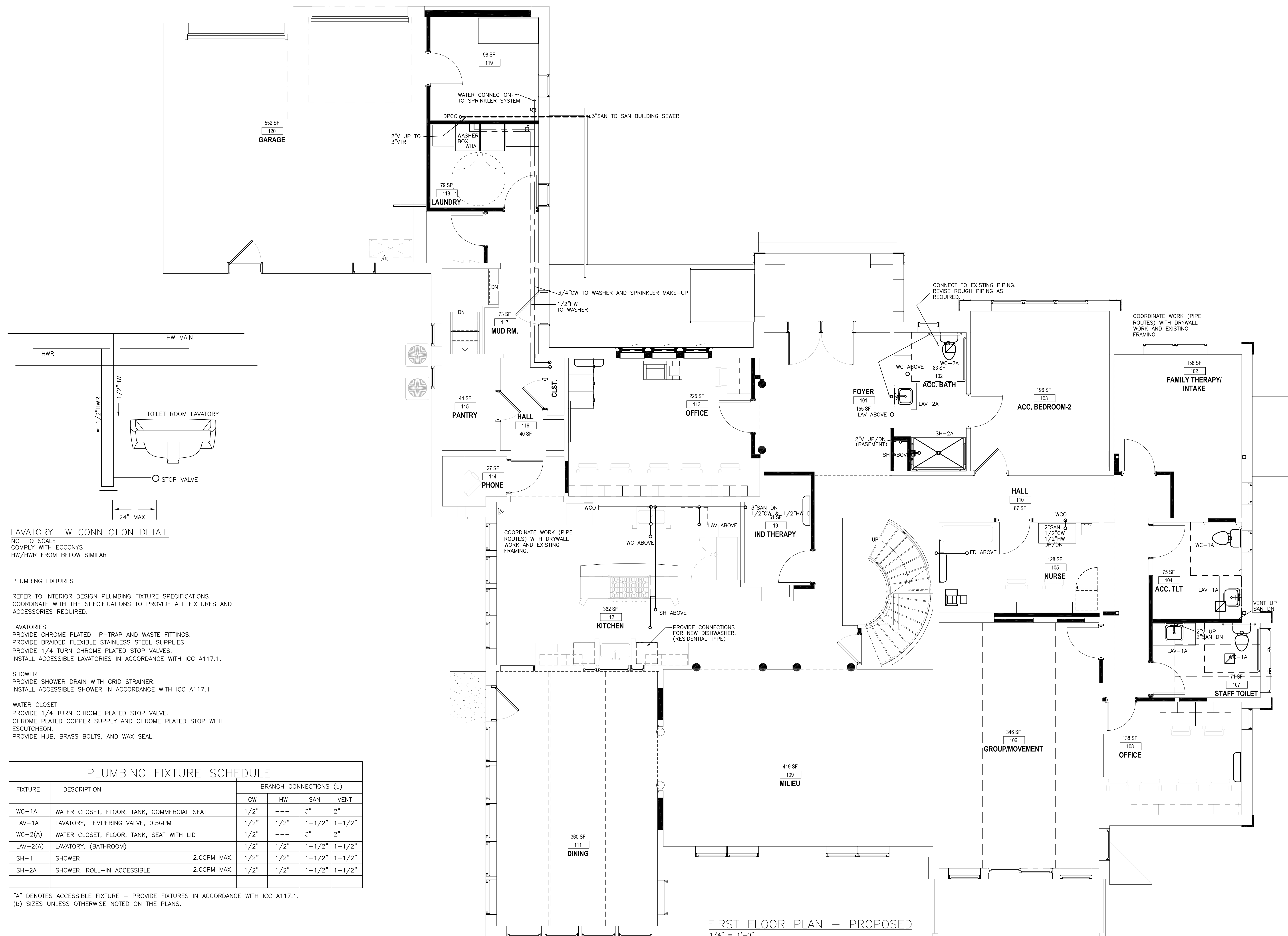
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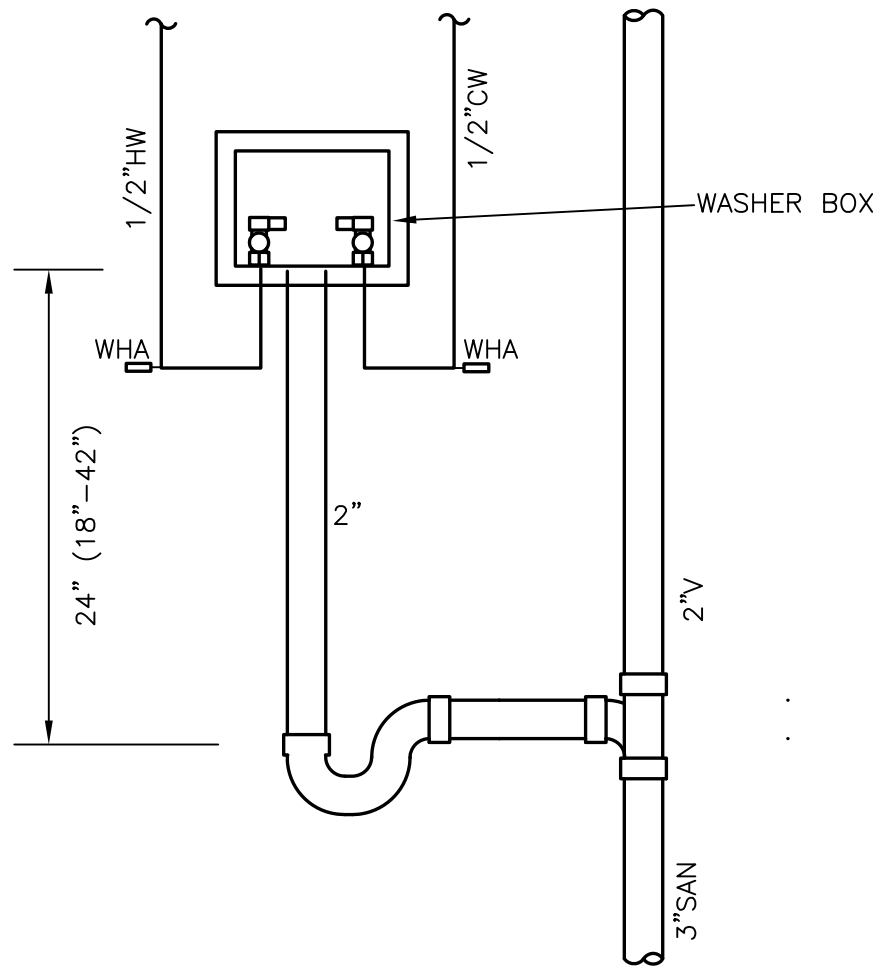
FIRST FLOOR

P102

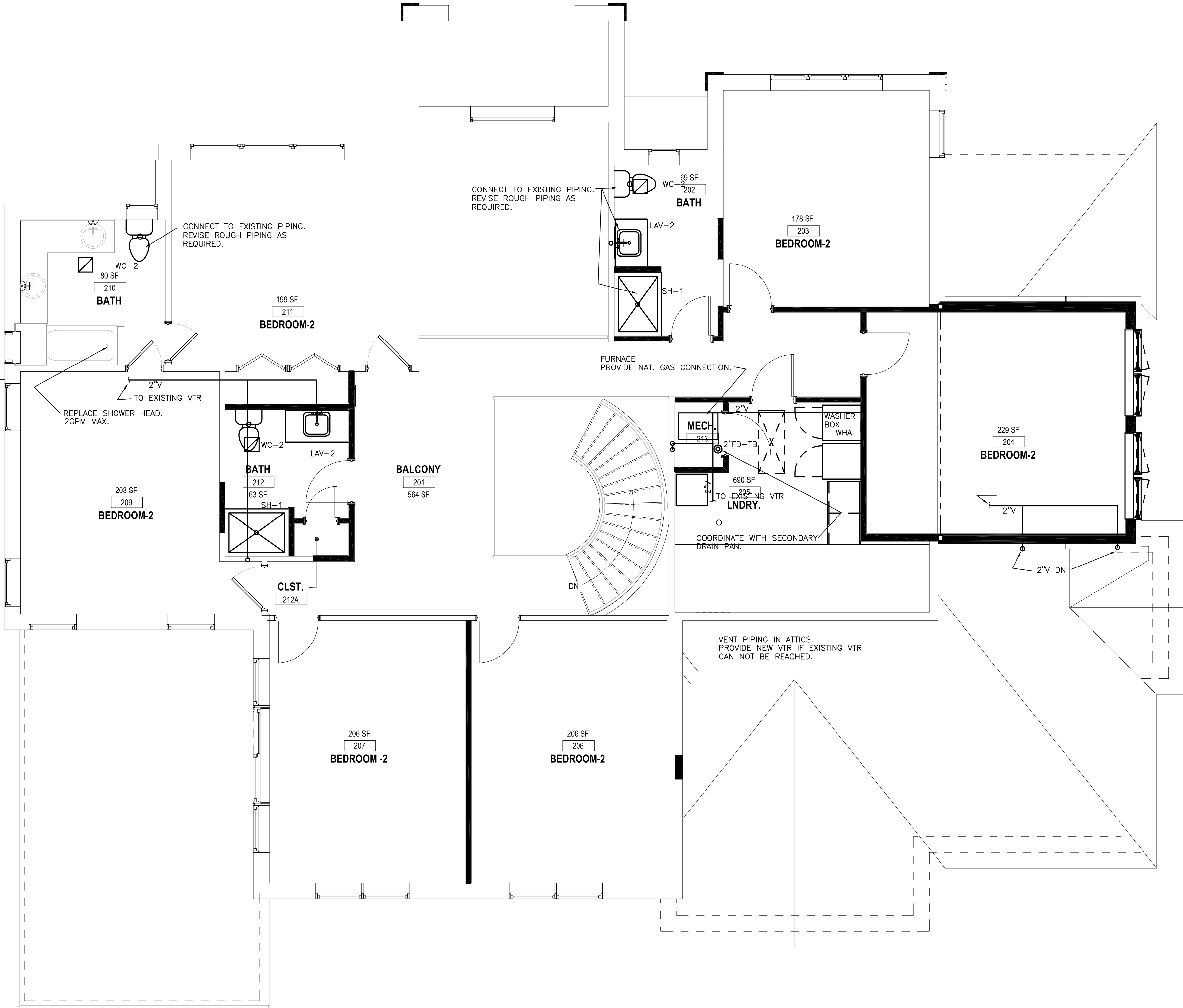
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FIRST FLOOR PLAN - PROPOSED
1/4" = 1'-0"



CLOTHES WASHER BOX DETAIL
NOT TO SCALE



SECOND FLOOR PLAN — PROPOSED
1/4" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER

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SECOND FLOOR

P103

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