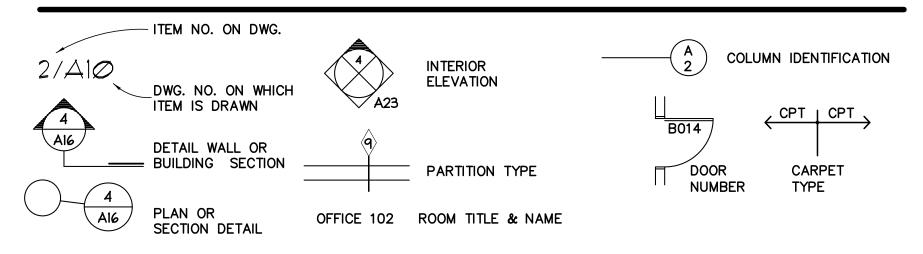


# **GRAPHIC SYMBOLS**



# **ABBREVIATIONS**

<u>SYMBOLS</u>									
AND ANGLE AT CENTERLINE	& * @ (	DIAMETER FEET INCH(ES) NUMBER/POUNDS	φ , #	CABINET CEILING COLUMN CONCRETE	CAB CLG COL CONC	FLOOR FLOOR DRAIN FOOTING FOUNDATION	FLR FD FTG FDN	MECHANICAL METAL MINIMUM	MECH MTL MIN
DEGREE WORDS	0	PLATE	"E	CONTINUOUS	CONT	GALVANIZED GLASS	GALV GL	NON-COMBUSTIBLE NOT TO SCALE NUMBER	NC N.T.S. NO.; #
ABOVE FINISH F ADJUSTABLE	FLOOF	ADJ		DOOR DOUBLE DOWN	DR DBL DN	GRAB BAR GYPSUM WALLBOARD	G B GWB	ON CENTER OPENING	O.C. O/C OPNG
ALUMINUM ALTERNATE		ALUM ALT		DOWN SPOUT DRINKING FOUNTAIN	DS DF	HANDICAPPED HARDWARE HOUR	HC HDWR HR	OVER FLOW ROOF DRAIN RADIUS	O.F.R.D. R
BEARING BLOCKING BOARD		BRG BLKG BD		EACH ELECTRICAL ELEVATION	EA ELEC ELEV	INSULATION INTERIOR	INSUL INT	REINFORCING ROOF DRAIN	REINF RD
BOTTOM BRICK		BOT BRK		ELEVATION EXISTING EQUIPMENT	EXIST, EX EQUIP	JANITOR	JAN	ROUGH OPENING SQUARE SOLARE FOOTAGE	RO SQ SF
BUILDING WELDED WIRE F. WITH WOOD FIBER CARBON		W W W W W W D	BLDG EXTERIOR W W F VAPOR BARR W/ VERTICAL WD VERIFY IN FIE		EXT. VB VERT VIF WC	KITCHEN	KIT	SQUARE FOOTAGE STEEL STORAGE TOILET TISSUE HOLDER TYPICAL	STL STOR T T H TYP

# GENERAL COORDINATION NOTES:

- 1. DO NOT SCALE DRAWINGS
- 2. VERIFY ALL DIMENSIONS ON SITE BEFORE CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO CONSTRUCTION.
- 3. NO CHANGES SHALL BE MADE FROM THE APPROVED DRAWINGS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN APPROVAL BY, THE
- 4. VERIFY ALL EQUIPMENT SIZES, LOCATIONS, ETC. WITH EXISTING CONDITIONS PRIOR TO ANY REMOVALS..
- REFER TO OWNER PROVIDED PHASING, GENERAL NOTES AND BUILDING DEMOLITION NOTES CRITERIA ERECT AND MAINTAIN CONSTRUCTION BARRIER FENCING TO PROTECT THE CONSTRUCTION SITE AND PUBLIC.
- CONTRACTOR SHALL RESTORE ALL LAWN AREAS DISTURBED OR DAMAGED BY CONSTRUCTION OPERATIONS.

Paul A. Ernst, R.A.

- 8. CONTRACTOR SHALL REPLACE ALL EXISTING CONCRETE, WALKS, CURBS, ETC. DAMAGED BY CONSTRUCTION OPERATIONS.
- LEVELS. CONTRACTOR SHALL PROVIDE PROTECTIVE BARRIERS & PROTECTIVE EXIT/ENTRY TO ALL EXITING/ENTRY STAIRS, CORRIDORS
- 10. CONTRACTOR SHALL DISPOSE ALL REMOVED CONSTRUCTION DEBRIS, ETC., OFF-SITE OF THE PROPERTY IN A LEGAL MANNER.

# ARCHITECTS CERTIFICATION

I hereby certify that to the best of my knowledge the project described as Canterbury Woods, Oxford Village, Second Floor Assisted Living, located in Williamsville, New York is in compliance with all applicable subdivision, zoning, building, energy and other similar State and local government laws, regulations and/or requirements relating to location, size, use and construction.	I, the undersigned architect, am licensed to practice in the State of New York.	_
	Second Floor Assisted Living, located in Williamsville, New York is in compliance with all applicable subdivision, zoning, building, energy and other similar State and local government laws, regulations and/or	

License No. 020334

# DRAWING LISTING

TITLE SHEET	•	DWG. NO.	DRAWING TITLE	ISSUED Date	LATEST REVISEI
A-000 TYPICAL DETAILS  A-000 DETAILS  A-001 DETAILS  A-002 DOOR SCHEDULE AND DETAILS  A-002 DOOR SCHEDULE AND DETAILS  A-003 TYPICAL MILLWORK DETAILS  A-004 DETAILS  A-005 TYPICAL MILLWORK DETAILS  A-006 DETAILS  A-007 TYPICAL MILLWORK DETAILS  A-007 DETAILS  A-008 TYPICAL MILLWORK DETAILS  A-009 DETAILS  A-009 SECOND FLOOR PLAN - DEMOLITION  AD-100 SECOND FLOOR PLAN - DEMOLITION  AD-101 SECOND FLOOR PLAN - NEW WORK  A-101 SECOND FLOOR PLAN - NEW WORK  A-102 SECOND FLOOR SPA AURISING, & STAFF AREA CONVERSIONS  A-103 SECOND FLOOR - SPA AURISING, & STAFF AREA CONVERSIONS  A-104 SECOND FLOOR - SPA AURISING, & STAFF AREA CONVERSIONS  A-105 SECOND FLOOR - OREAT ROOM RENOVATION & RESIDENT ROOM CONVERSION  A-106 SECOND FLOOR - DINING & SERVERY AND ACTIVITIES CONVERSIONS  DI/31/2018  A-107 SECOND FLOOR PLAN  B-108 SERVERY PLAN, SCHEDULE, & DETAILS  INTERIOR DESIGN  IN-100 FINISHES FLOOR PLAN  B-101 BOOM FINISH SCHEDULE  B-101 PLUMBING  P-001 PLUMBING - DETAILS  P-100 PLUMBING - DETAILS  P-100 PLUMBING - PARTIAL SECOND FLOOR PLANS - HVAC  B-101 PLUMBING - PARTIAL SECOND FLOOR PLAN - NEW ONLY		TITLE	SHEET		DATE
A-000		T-001	COVER SHEET	01/31/2018	
A-001   DETAILS		ARCH	ITECTURAL		
AD-101 SECOND FLOOR REFLECTED CEILING PLAN - DEMOLITION 01/31/2018 A-100 SECOND FLOOR REPLECTED CEILING PLAN - NEW WORK 01/31/2018 A-101 SECOND FLOOR REPLECTED CEILING PLAN - NEW WORK 01/31/2018 A-102 SECOND FLOOR - SPA, NURSING, & STAFF AREA CONVERSIONS 01/31/2018 A-103 SECOND FLOOR - GREAT ROOM RENOVATION & RESIDEDATE ROOM CONVERSION 01/31/2018 A-104 SECOND FLOOR - DINING & SERVERY AND ACTIVITIES CONVERSIONS 01/31/2018 A-105 SERVERY PLAN, SCHEDULE, & DETAILS 01/31/2018 INTERIOR DESIGN  IN-100 FINISHES FLOOR PLAN 01/31/2018 IN-101 ROOM FINISH SCHEDULE 01/31/2018 IN-102 PARTIAL SECOND FLOOR PLANS - HVAC 01/31/2018  MECHANICAL  M-101 PARTIAL SECOND FLOOR PLANS - HVAC 01/31/2018 M-102 PARTIAL SECOND FLOOR PLANS - HVAC 01/31/2018 P-001 PLUMBING - DETAILS 01/31/2018 P-001 PLUMBING - DETAILS 01/31/2018 P-100 PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW 01/31/2018  FIRE PROTECTION  FP-011 FIRE PROTECTION - PARTIAL SECOND FLOOR PLAN - DEMO - NEW 01/31/2018  FP-102 ELECTRICAL  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND 01/31/2018 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018  ELECTRICAL 01/31/2018 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018 ELECTRICAL 01/31/2018 ELECTRICAL 01/31/2018 ELECTRICAL 01/31/2018 ELECTRICAL 01/31/2018 ELECTRICAL 01/31/2018 ELECTRICAL 01/31/2018		A-001 A-002 A-003	DETAILS DOOR SCHEDULE AND DETAILS TYPICAL MILLWORK DETAILS	01/31/2018 01/31/2018 01/31/2018	
A-101   SECOND FLOOR REFLECTED CEILING PLAN - NEW WORK					
N-100		A-101 A-102 A-103 A-104	SECOND FLOOR REFLECTED CEILING PLAN - NEW WORK SECOND FLOOR - SPA, NURSING, & STAFF AREA CONVERSIONS SECOND FLOOR - GREAT ROOM RENOVATION & RESIDENT ROOM CONVERSION SECOND FLOOR - DINING & SERVERY AND ACTIVITIES CONVERSIONS	01/31/2018 01/31/2018 01/31/2018 01/31/2018	
N-101		INTER	IOR DESIGN		
M-101 PARTIAL SECOND FLOOR PLANS - HVAC 01/31/2018 M-102 PARTIAL SECOND FLOOR PLANS - HVAC 01/31/2018  PLUMBING  PLUMBING  P-001 PLUMBING - LEGENDS AND SCHEDULES 01/31/2018 P-002 PLUMBING - DETAILS 01/31/2018  P-100 PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW 01/31/2018  FIRE PROTECTION  FP-001 FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS 01/31/2018  FPD-100 FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION 01/31/2018  FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK 01/31/2018  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND 01/31/2018 ELECTRICAL SYMBOL LIST AND SCHEDULES 01/31/2018  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN 01/31/2018  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN 01/31/2018		IN-101	ROOM FINISH SCHEDULE	01/31/2018	
M-102         PARTIAL SECOND FLOOR PLANS - HVAC         01/31/2018           PLUMBING           P-001         PLUMBING - DETAILS         01/31/2018           P-100         PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW         01/31/2018           FIRE PROTECTION           FP-001         FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS         01/31/2018           FPD-100         FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION         01/31/2018           FP-101         FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK         01/31/2018           ELECTRICAL         ELECTRICAL SYMBOL LIST AND LEGEND         01/31/2018           E-002         ELECTRICAL DETAILS AND SCHEDULES         01/31/2018           ED-101         SECOND FLOOR ELECTRICAL DEMOLITION PLAN         01/31/2018           E-101         SECOND FLOOR ELECTRICAL LIGHTING PLAN         01/31/2018		MECH	ANICAL		
P-001 P-002 PLUMBING - LEGENDS AND SCHEDULES PLUMBING - DETAILS         01/31/2018 01/31/2018           P-100 PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW         01/31/2018           FIRE PROTECTION           FP-001 FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS         01/31/2018           FPD-100 FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION         01/31/2018           FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK         01/31/2018           ELECTRICAL           E-001 ELECTRICAL SYMBOL LIST AND LEGEND E-002 ELECTRICAL DETAILS AND SCHEDULES         01/31/2018           ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN         01/31/2018           E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN         01/31/2018					
P-002 PLUMBING - DETAILS P-100 PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW  FIRE PROTECTION  FP-001 FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS  FPD-100 FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION  FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK  FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND E-002 ELECTRICAL DETAILS AND SCHEDULES  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN  01/31/2018		PLUME	BING		
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FP-001 FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS  FPD-100 FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION  FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND E-002 ELECTRICAL DETAILS AND SCHEDULES  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN  01/31/2018  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN  01/31/2018		P-100	PLUMBING - PARTIAL SECOND FLOOR PLAN - DEMO - NEW	01/31/2018	
FPD-100 FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION 01/31/2018  FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK 01/31/2018  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND 01/31/2018 E-002 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN 01/31/2018  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN 01/31/2018		FIRE I	PROTECTION		
FP-101 FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK  ELECTRICAL  E-001 ELECTRICAL SYMBOL LIST AND LEGEND E-002 ELECTRICAL DETAILS AND SCHEDULES  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN  01/31/2018		FP-001	FIRE PROTECTION LEGENDS, SCHEDULES, & DETAILS	01/31/2018	
E-001 ELECTRICAL SYMBOL LIST AND LEGEND 01/31/2018 E-002 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN 01/31/2018  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN 01/31/2018		FPD-100	FIRE PROTECTION - PARTIAL SECOND FLOOR - DEMOLITION	01/31/2018	
E-001 ELECTRICAL SYMBOL LIST AND LEGEND E-002 ELECTRICAL DETAILS AND SCHEDULES  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN  01/31/2018		FP-101	FIRE PROTECTION - PARTIAL SECOND FLOOR - NEW WORK	01/31/2018	
E-002 ELECTRICAL DETAILS AND SCHEDULES 01/31/2018  ED-101 SECOND FLOOR ELECTRICAL DEMOLITION PLAN 01/31/2018  E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN 01/31/2018		ELEC1	TRICAL		
E-101 SECOND FLOOR ELECTRICAL LIGHTING PLAN 01/31/2018					
		ED-101	SECOND FLOOR ELECTRICAL DEMOLITION PLAN	01/31/2018	

# CONSTRUCTION DATA:

ELEMENTS OF CONSTRUCTION	BUILDING	CODE REQUIREM	<u>ENTS</u>
	N.Y. STATE HEALTH DEPT. & NFPA:101/202	BUILDING CODE OF N.Y. STATE	ACTUAL
OCCUPANCY CLASSIFICATION	HEALTHCARE	I <b>–</b> 1	I—1
CONSTRUCTION CLASS	I-(332)	I-A	I-A
MAXIMUM BUILDING AREA	UNLIMITED	UNLIMITED	16,966 SQ.FT.
ALLOWABLE HT.	4 OR MORE	11 STORIES	3 STORY
EXTERIOR BEARING WALLS	3–HR.	2-HR.	N/A
EXTERIOR NON-BEARING WALLS	1-HR.	1-HR.	1-HR.
NTERIOR PARTITIONS:			
BEARING	2-HR.	2-HRS.	N/A
NON-BEARING	0-HR.	0-HRS.	0-HRS.
FIRE WALL	2-HRS.	2-HRS.	2-HRS.
VERT. OPNG'S	2-HRS.	2-HRS.	2-HRS.
PUBLIC CORRIDORS	1-HR.	1-HR.	1-HR.
RESIDENT UNITS	1 HR.	1-HR.	1-HR.
COLUMNS, BEAMS & GIRDER	3-HR.	3-HR.	3-HR.
ROOF CONSTRUCTION, INCLUDING PERLINS, BEAMS & ROOF TRUSSES	1-HR.	1-HR.	1-HR.
SPRINKLER SYSTEM	AUTOMATIC SPRINKLER SYSTEM PER NFPA 13	AUTOMATIC SPRINKLER SYSTEM PER NFPA 13	AUTOMATIC SPRINKLER SYSTEM PER NFPA 13
VERTICAL EXIT ENCLOSURES STAIRS	2–HR.	2–HR.	2–HR.
EXIT ACCESS TRAVEL DISTANCE (TABLE 1019.1)	OCCUPANCY '11' = 250'-0" MAX.	OCCUPANCY	ACTUAL EXIT ACCESS RAVEL DISTANCE FROM 'I1' OCCUPANCY= 175'-11"

NOTE: THE ASSUMED VALUES DESCRIBED ABOVE ARE DERIVED FROM THE ORIGINAL CONTRACT DRAWINGS FOR CANTERBURY WOODS DATED 09-15-97.

# PROJECT DATA:

RENOVATION AREA (TOTAL):

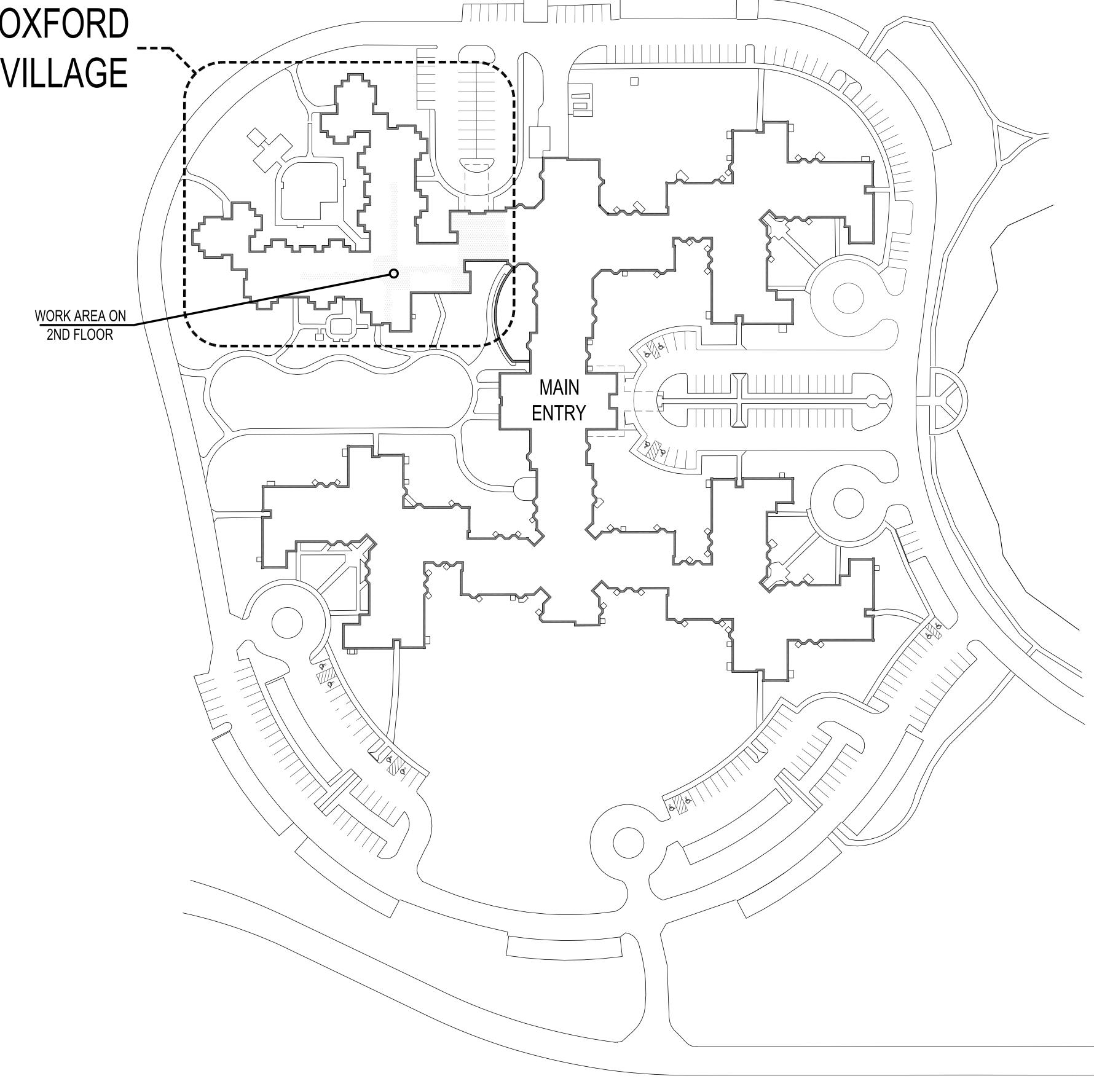
6,227 SQ. FT.

1 RESIDENT ROOM & ACCESSORY SPACES

# SITE DIAGRAM

ISSUED DATE	LATEST REVISED DATE	
01/31/2018		0
01/31/2018 01/31/2018 01/31/2018 01/31/2018 01/31/2018		V
01/31/2018 01/31/2018		
01/31/2018 01/31/2018 01/31/2018 01/31/2018 01/31/2018 01/31/2018		
01/31/2018 01/31/2018 01/31/2018		
01/31/2018 01/31/2018		
01/31/2018 01/31/2018 01/31/2018		
01/31/2018 01/31/2018 01/31/2018		
01/31/2018 01/31/2018 01/31/2018		

# SCALE: N.T.S.



# COPYRIGHT: 2018 ARCHITECT:

# CONSULTANTS: PROJECT NAME:

BID SET

DATE ISSUED: 01 / 31 / 2018

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LAW, ARTICLE 147-ARCHITECTURE

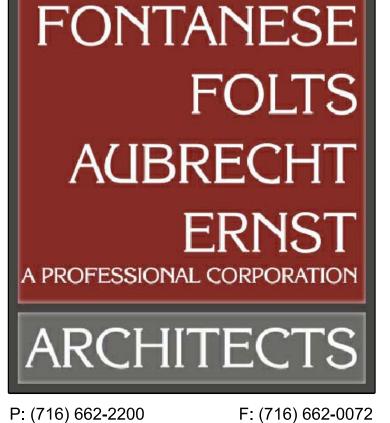
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www.ffae.biz

M./E./P./F.P. ENGINEERS: BUFFALO ENGINEERING, P.C. 4245 UNION RD. SUITE 204 CHEEKTOWAGA, NY 14225 (716) 633-5300 FAX: (716) 633-5598

# Renovations to:

# 

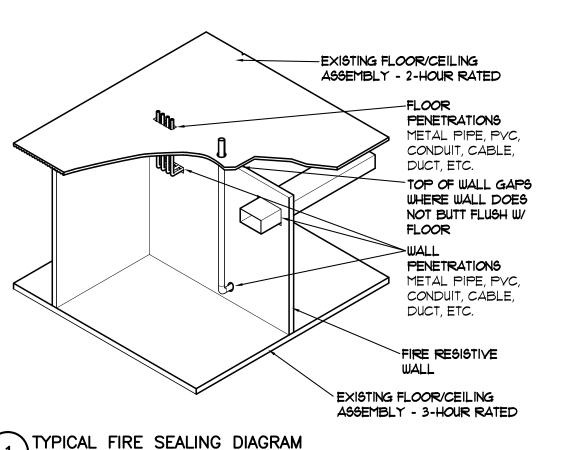
Oxford Village Second Floor Assisted Living

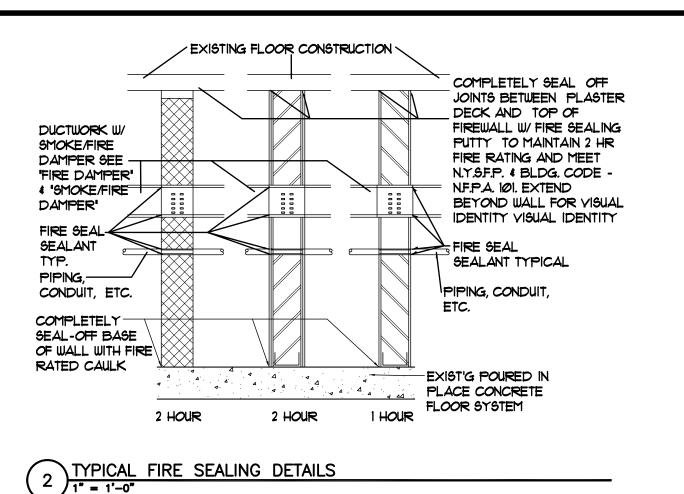
705 Renaissance Dr. Williamsville New York

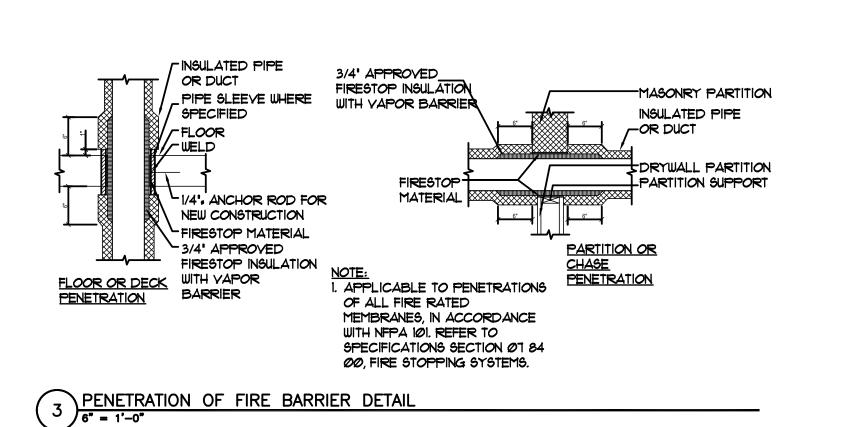


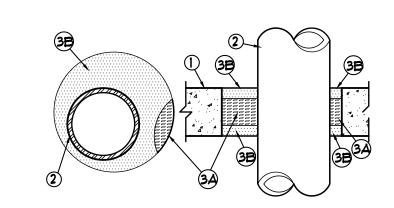


# FIRE SEALING DETAILS -EXISTING FLOOR/CEILING









PRE-RATED CONCRETE FLOORS OR WALLS  ${f 2}$  METALLIC PIPE:> STEEL PIPE - 4' DIAM. (OR SMALLER) SCH.10 (OR HEAVIER) STEEL PIPE. , IRON PIPE - 4" DIAM. (OR SMALLER) CAST OR DUCTILE IRON PIPE. , CONDUIT - 4" DIAM. (OR SMALLER) EMT OR STEEL CONDUIT. , COPPER TUBING - 4" DIAM. (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING , COPPER PIPE - 4" DIAM. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE. (3) A) PACKING MATERIAL - SEE TABLE FOR THE MINERAL WOOL INSULATION REQUIREMENTS. B) SELF-LEVELING SILICONE BASE FIRE SEALANT - MIN. «" THICKNESS OF FIRE SEALANT APPLIED WITHIN ANNULUS, FLUSH WITH TOP AND BOTTOM OF FLOOR SURFACE OR WITH BOTH SIDES OF THE WALL ASSEMBLY.

FLOOR PENETRATION FIRESTOP DETAIL

6" = 1'-0"

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NO. DATE REMARKS

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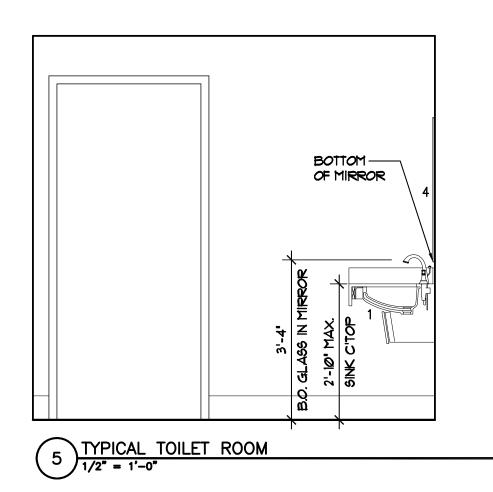
4245 UNION RD. SUITE 204 CHEEKTOWAGA, NY 14225 (716) 633-5300 FAX: (716) 633-5598

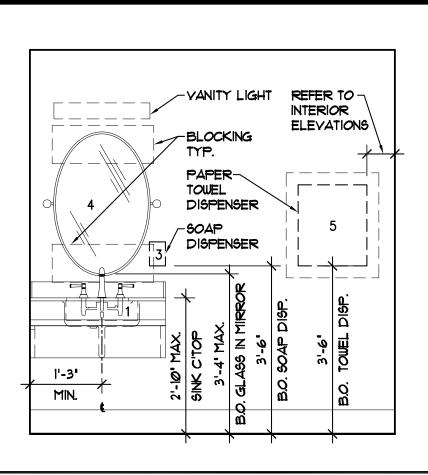
BUFFALO ENGINEERING,

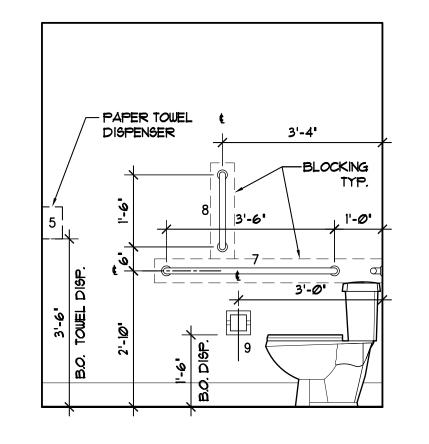
REVISIONS

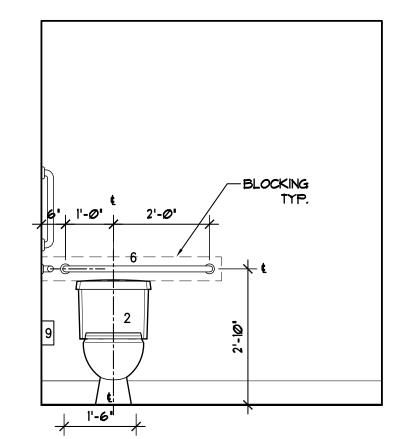
CONSULTANTS

# TYPICAL MOUNTING HEIGHTS & LAYOUTS





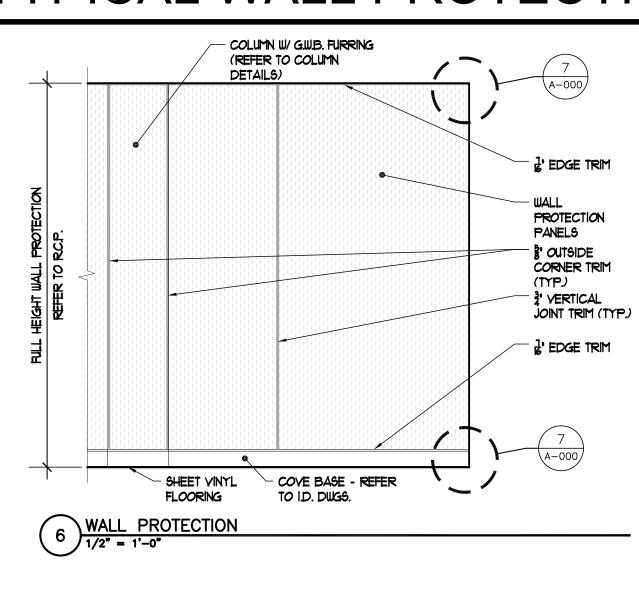


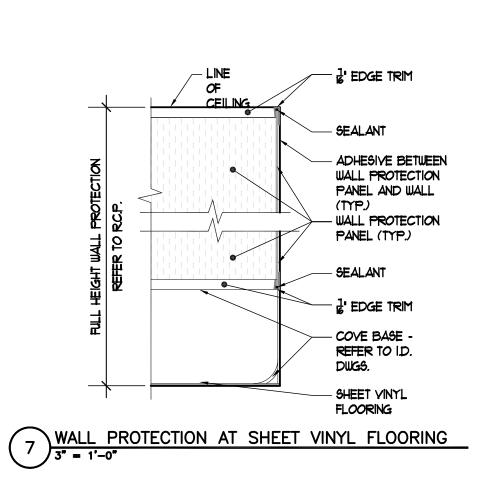


### EQUIPMENT SCHEDULE FLOOR MTD. LAV -REFER TO PLUMBING SPECIFICATIONS WATER CLOSET (FLOOR MTD/ HDCP USE) U.O.N. REFER TO PLUMBING SPECIFICATIONS SOAP DISPENSER \* (B.O.) WALL MOUNTED MIRROR + (B.O.) 5. PAPER TOWEL DISPENSER + (B.O.) . STAINLESS STEEL GRAB BAR (36") STAINLESS STEEL GRAB BAR (42") STAINLESS STEEL GRAB BAR (18') 9. TOILET TISSUE HOLDER. A. ALL ITEMS INCLUDING THOSE PROVIDED

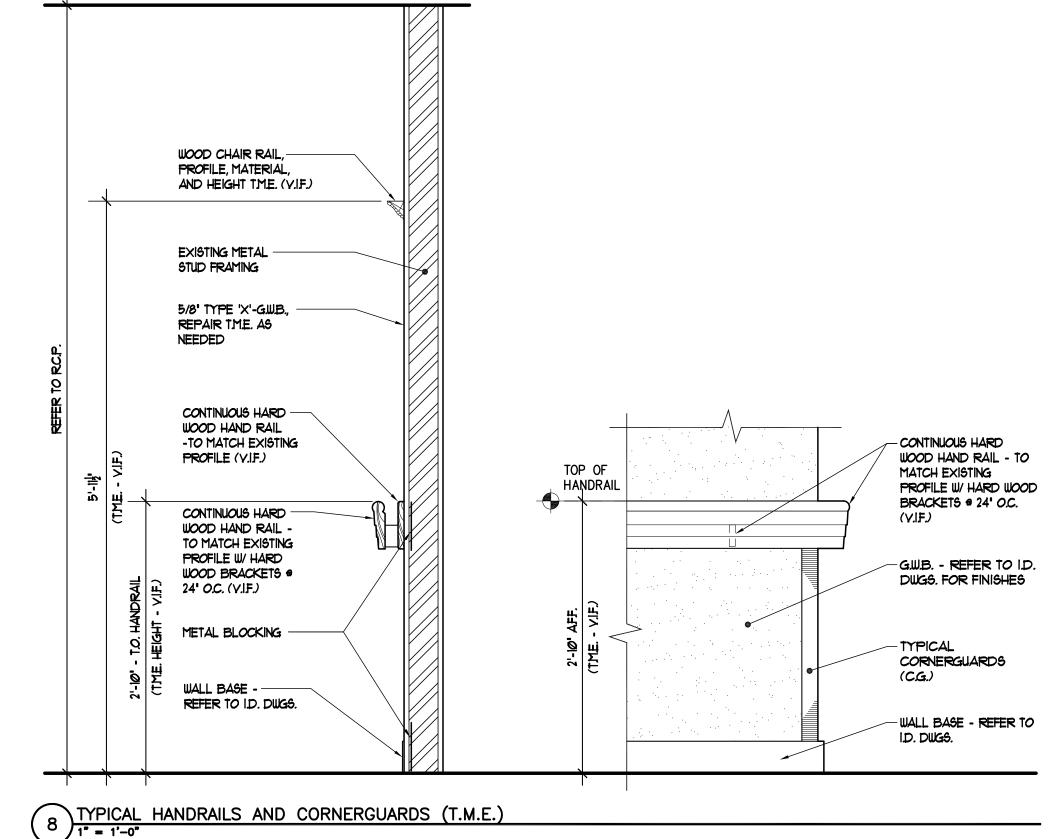
- BY OWNER SHALL BE INSTALLED BY CONTRACTOR & SERVICES REQUIRED SHALL BE PROVIDED BY P.C., H.C., & E.C. PROVIDE HORIZONTAL METAL BLK'G. FOR
- ITEMS MARKED & AS REQUIRED. OWNER (SUPPLIED # INSTALLED)
- LOCATIONS OF ALL TOILET ACCESSORIES W/OWNER PRIOR TO INSTALLATION. ADJUST WOOD BLOCKING ACCORDINGLY

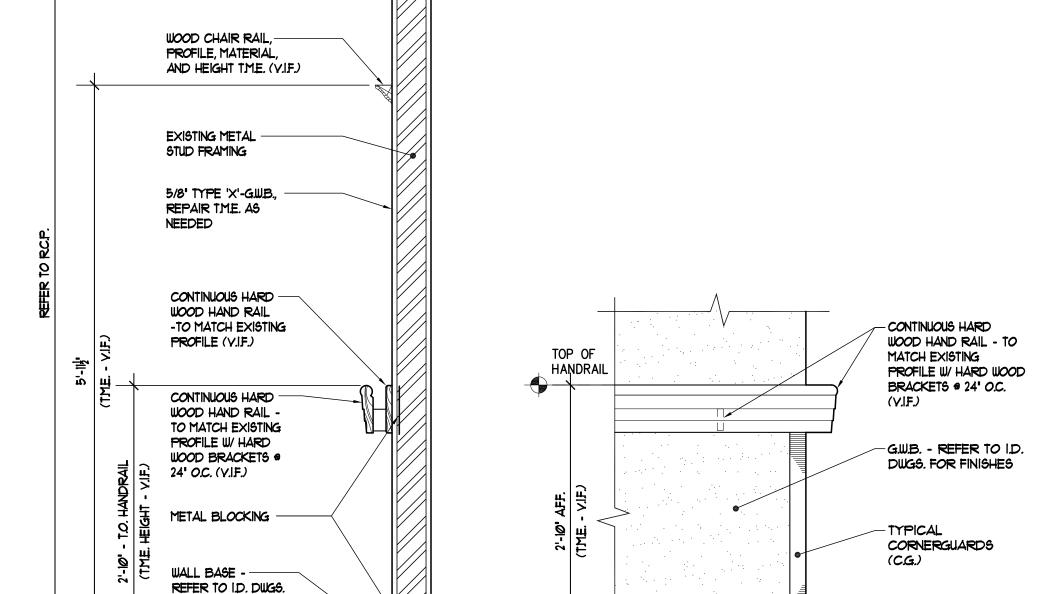
# TYPICAL WALL PROTECTION DETAILS



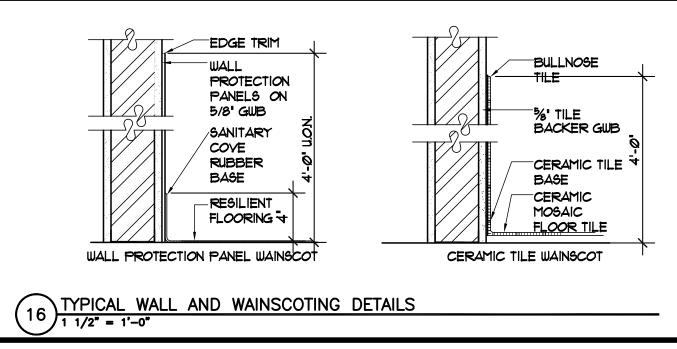


# HANDRAIL DETAILS

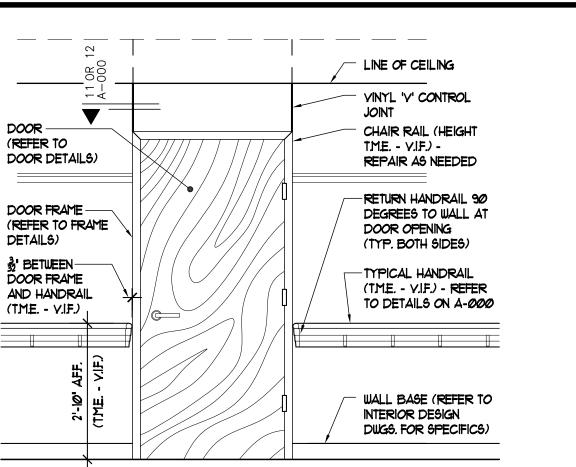




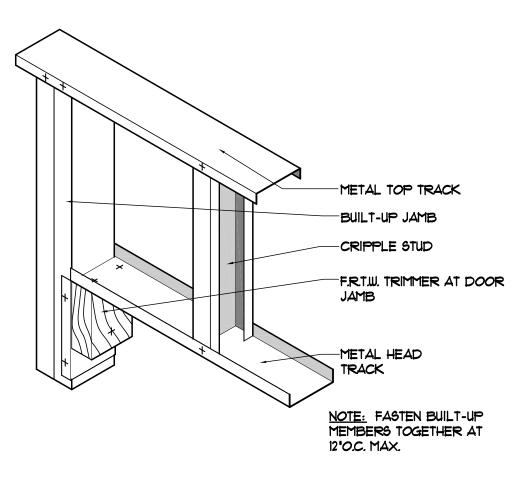




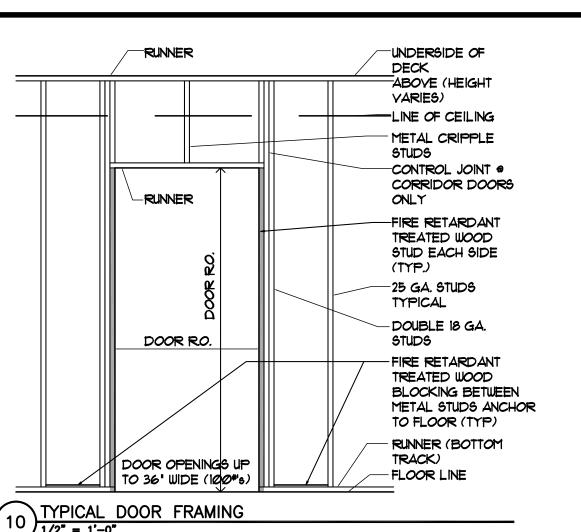
# TYPICAL FRAMING AND OPENING DETAILS

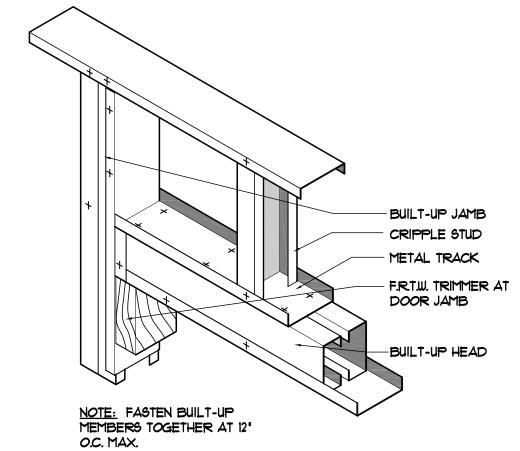


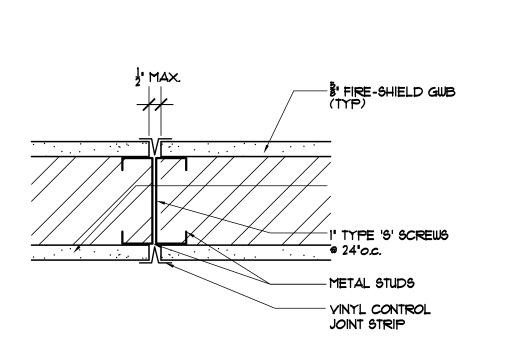


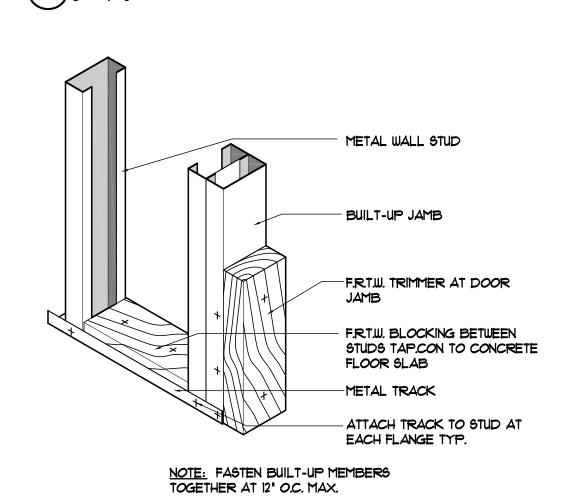


 $13 \frac{\text{INTERIOR DOOR-WINDOW HEAD}}{3/4" = 1'-0"}$ 

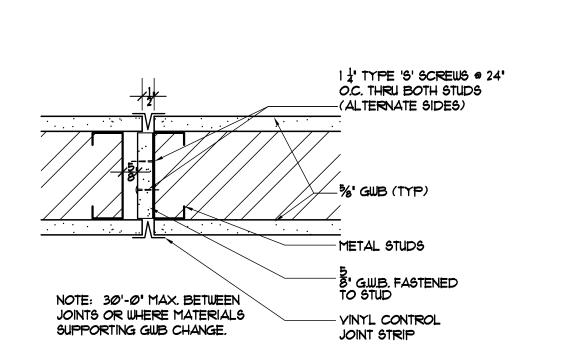








 $15 \frac{\text{DOOR JAMB BASE FRAMING}}{3/4" = 1'-0"}$ 



 $(12)\frac{\text{CONTROL JOINT} - 1 \text{ HOUR RATED}}{3" = 1"-0"}$ 

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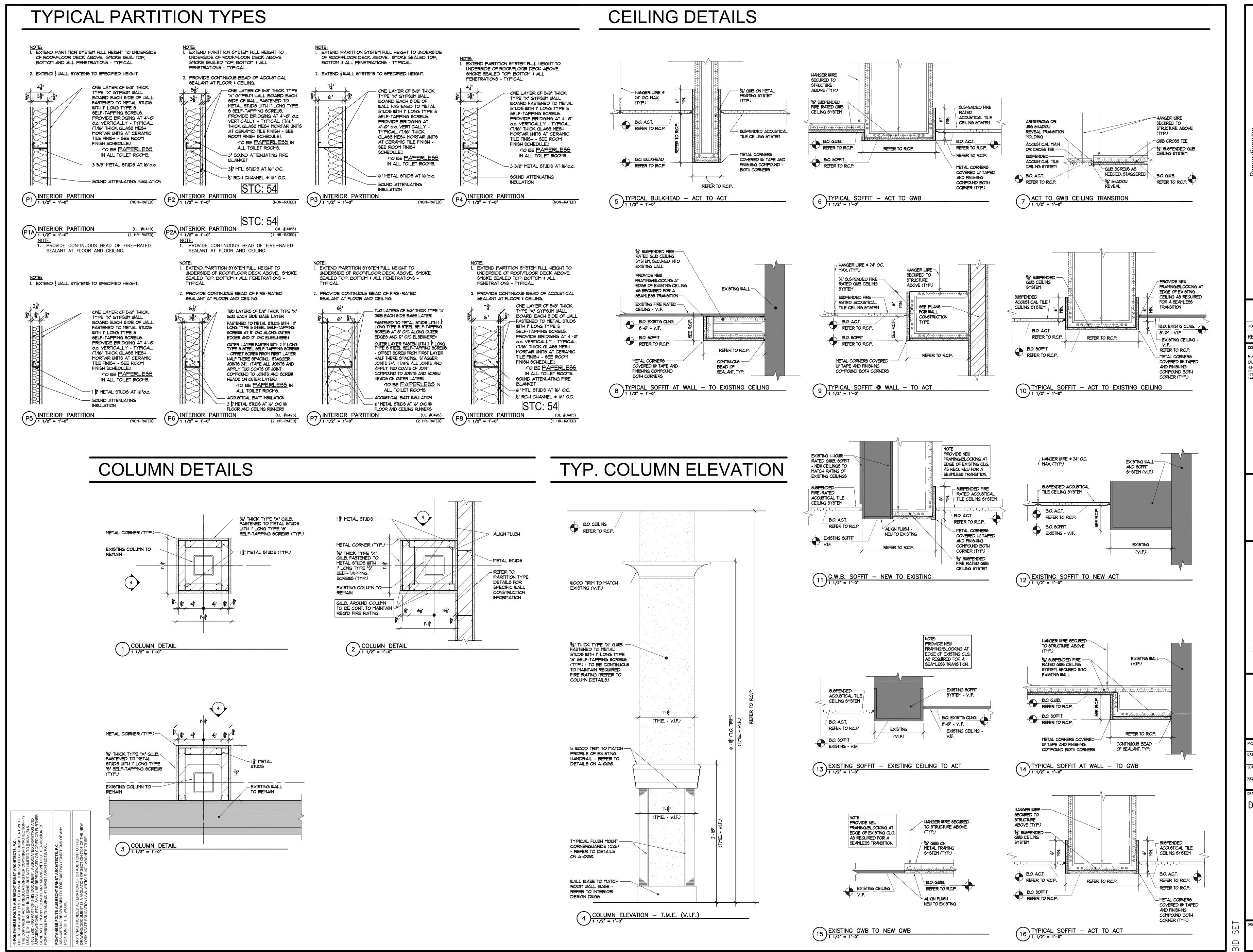
**ARCHITECTS** 

6395 WEST QUAKER STREET

ORCHARD PARK, N.Y. 14127

**ERNST** 

TYPICAL DETAILS



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# DOOR SCHEDULE AND HARDWARE SETS

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				D	OO	RA	ND	) <b> </b>	KAN	11上	SC	HE	DU	JLE	ı		
			DOOR								FRAME						
			SIZE										DE	TAIL	FIRE	HARDWARE	
NO.	LOCATION / ROOM NAME	WIDTH	HGT.	THK.	MAT'L	FINISH	DOOR TYPE	MAT'L	FINISH	EL	DEPTH	PART. TYPE	HEAD	JAMB	RATING LABEL (MIN.)	SET No.	REMARKS
D205	KITCHEN - 205	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P2	H1	J1	45	HW-1	-
D205C	CLOSET - 205C	3'-0"	6'-8"	1 3/4"	WOOD	PAINT	В	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	NR	HW-2	-
D205D	BATHROOM - 205D	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	NR	HW-3	-
D205E	CLOSET - 205E	2'-6"	6'-8"	1 3/4"	WOOD	PAINT	В	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	NR	HW-2	-
D231	CHARGE NURSE OFFICE - 231	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F2	4 7/8"	P1	H1	J1, J2, J3	NR	HW-4	-
D245A	SERVERY - 245	3'-0"	6'-8"	1 1/2"	ALUM.	LAMINATE	С	H.M.	PAINT	F3	4 7/8"	P1	H2	J4	NR	H <b>W</b> -5	DUAL-ACTING DOOR
D245B	SERVERY - 245	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	90	H <b>W</b> -6	-
D246	TOILET - 246	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	90	HW-7	-
D247	FOOD SERVICE - 247	2'-10"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P1	H1	J1	NR	HW-8	-
D249	OXYGEN STORAGE - 249	3'-0"	6'-8"	1 3/4"	H.M.	PAINT	Α	H.M.	PAINT	F1	4 7/8"	P2	H1	J1	45	H <b>W</b> -9	-

## DOOR AND HARDWARE GENERAL NOTES:

- 1. INTERIOR WOOD DOORS SHALL BE SINGLE LEAF SOLID WOOD CORE WITH WOOD VENEER FACES.
- 2. ALL DOORS SHALL BE MOUNTED AND INSTALLED BALANCED, PLUMB AND LEVEL.
- 3. ALL DOOR LEVERS SHALL BE ADA COMPLIANT LEVER TYPE.
- 4. REFER TO DOOR HARDWARE SCHEDULE FOR INDIVIDUAL DOOR HARDWARE REQUIREMENTS.

### HARDWARE SETS

(3) HINGES (1) ENTRANCE LOCKSET W/ THUMBTURN DEADBOLT (1) HEAD & JAMB SEAL (1) ROLLER BUMPER (1) ELECTRIC CLOSER (SARGENT 2980-24V)

### (1) DOOR KNOCKER (T.M.E. - V.I.F.) **HARDWARE SET #2**

(1) BI-FOLD SET (1) DOOR PULL

### HARDWARE SET # 3 (3) HINGES (1) LOCKSET (PRIVACY) (1) ROLLER BUMPER

(3) SILENCERS

(1) COAT HOOK

## HARDWARE SET # 7

### (3) HINGES (3) HINGES (1) LOCKSET (1) LOCKSET (PRIVACY) (1) DOUBLE LIPPED STRIKE (ENTRANCE/OFFICE) (1) WALL STOP (3) SILENCERS

- \$' TYPE 'X' GYP. BOARD EA. SIDE (TYP.)

NOTES: 1. HEAD MUST BE SQUARE

2. MINIMUM WIDTH: 3 1/2"

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

PERIMETER SEALANT

WD. CASING TYPICAL

- 2" HOLLOW MTL.

BLOCKING

SEALANT (TYP.)

FRAME - PAINT

AND PLUMB.

HARDWARE SET # 5

BY MANUFACTURER.

HARDWARE SET # 6

(3) HINGES

(1) CLOSER

(3) SILENCERS

(1) KICK PLATE

BUILT-UP-METAL HEADER

5/8' TYPE 'X' GYP. BOARD EACH SIDE (TYP) —

METAL STUD FRAMING @ 16" O.C.

METAL/C-CHANNEL

\*ALL REQUIRED HARDWARE

### (1) RESCUE HARDWARE SET (1) EDGE SEAL (1) WALL STOP

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# (1) COAT HOOK

HARDWARE SET # 8

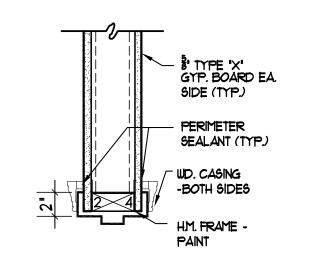
### (3) HINGES (1) LOCKSET (CLASSROOM) (1) OVERHEAD STOP (W/ HOLD OPEN)

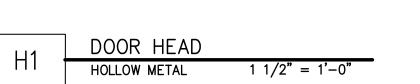
### (1) LOCKSET (CLASSROOM) (3) SILENCERS HARDWARE SET # 9

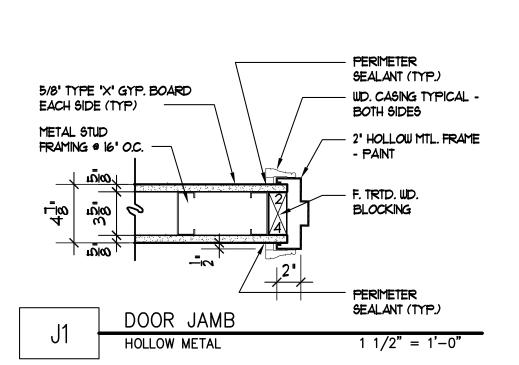
(3) HINGES (1) LOCKSET (STOREROOM)

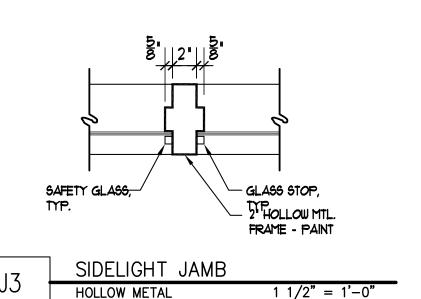
(1) HEAD & JAMB SEAL

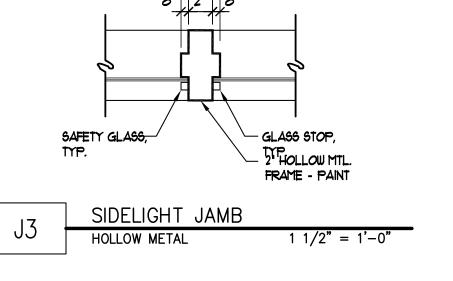
# HEAD AND JAMB DETAILS

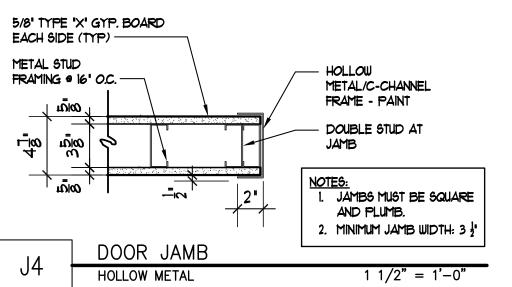








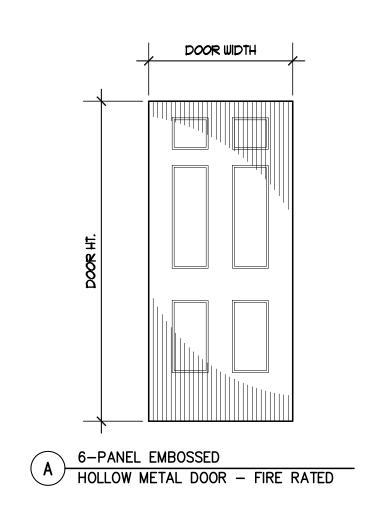




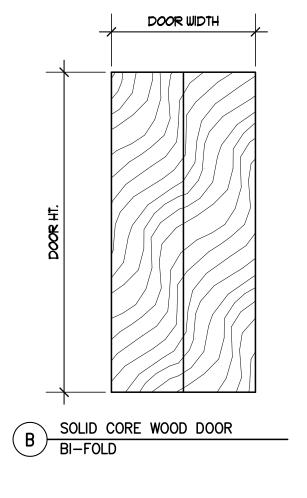
HEAD AND JAMB DETAILS

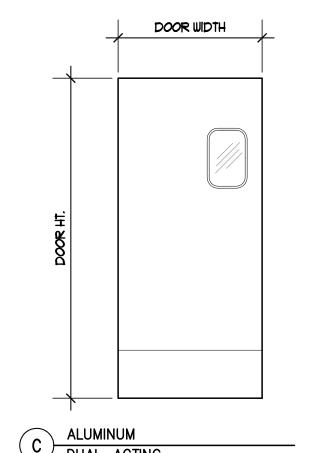
1 1/2" = 1'-0"

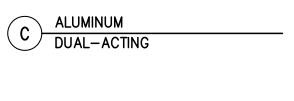
# DOOR AND FRAME TYPES



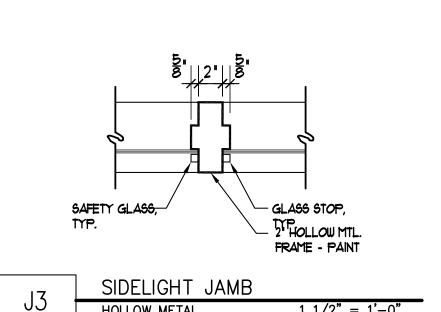
HOLLOW METAL FRAME
WITH WOOD CASING (T.M.E.)

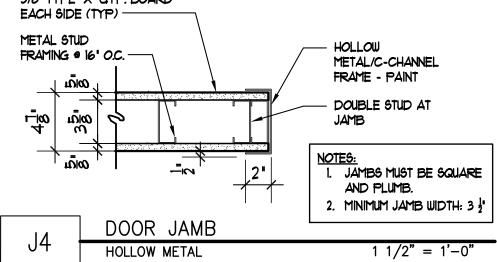




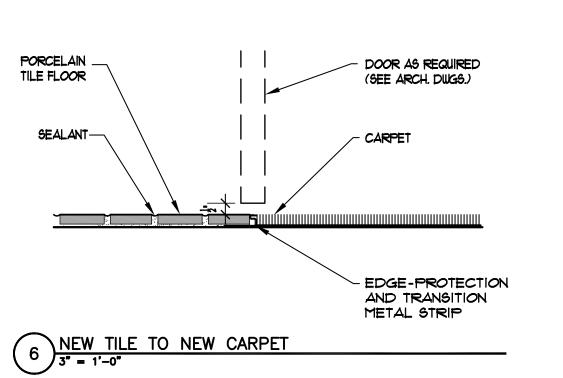


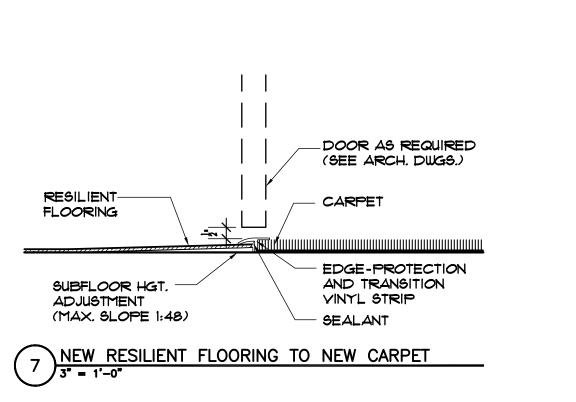
F3 HOLLOW METAL FRAME C-CHANNEL

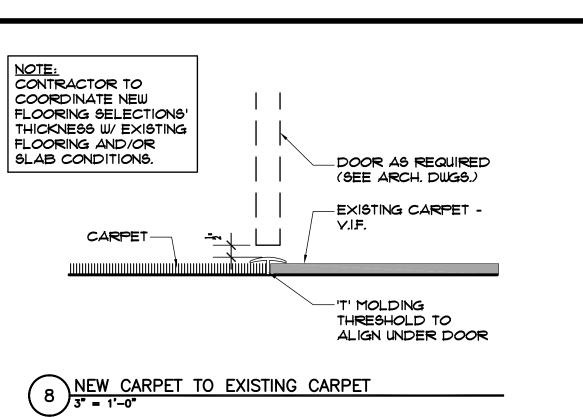


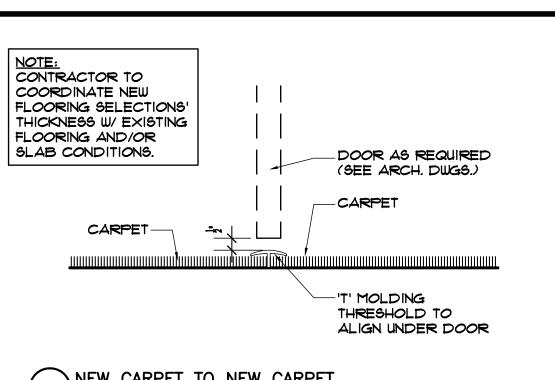


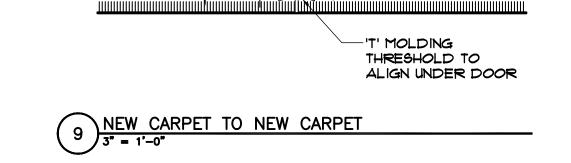
# THRESHOLD/FLOORING TRANSITION DETAILS

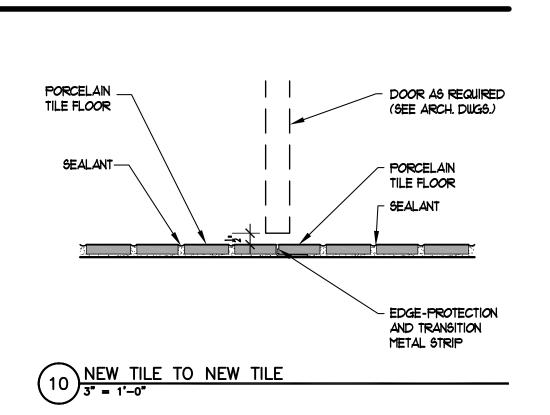












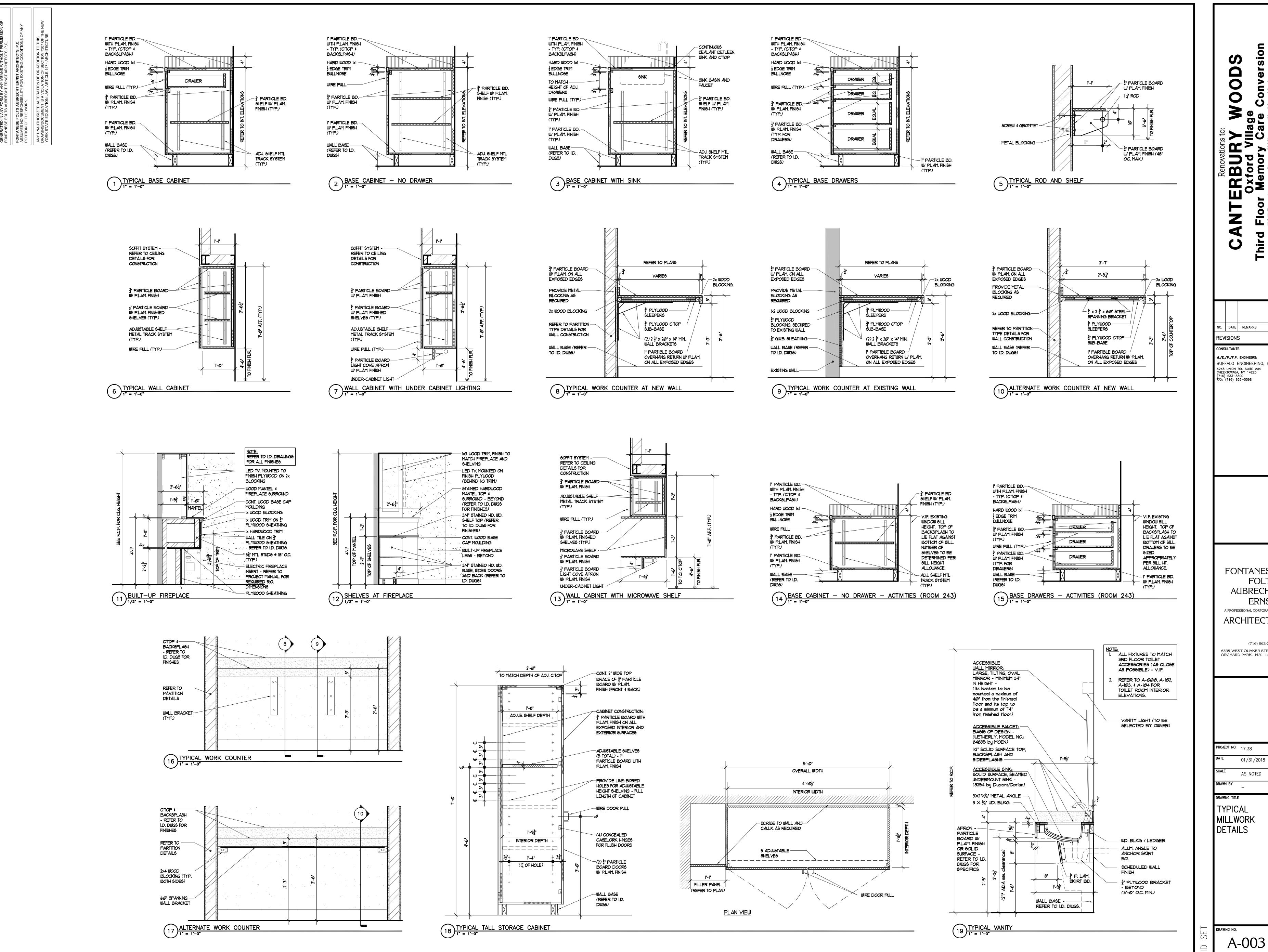
DOOR

SCHEDULE

AND DETAILS

01/31/2018

AS NOTED



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REVISIONS

CONSULTANTS

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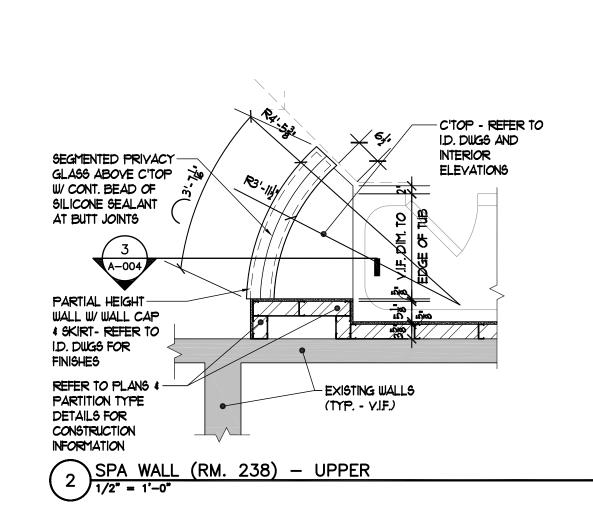
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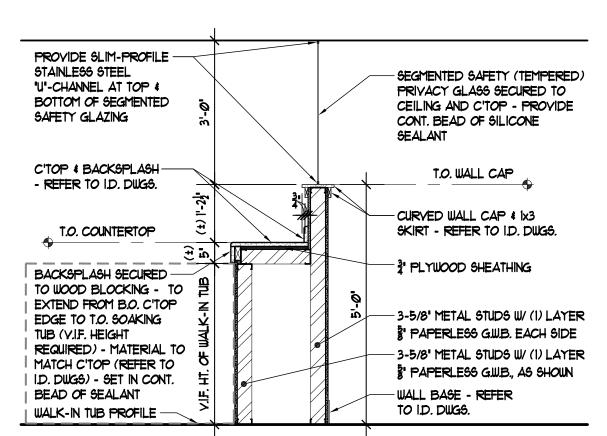
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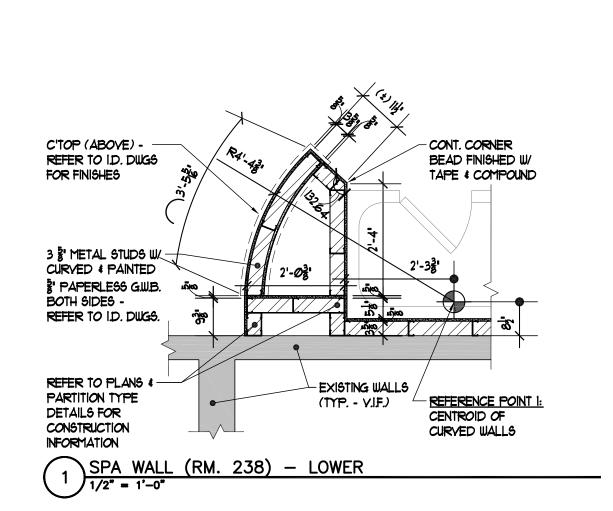
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3 SPA WALL (ROOM 238) - SECTION



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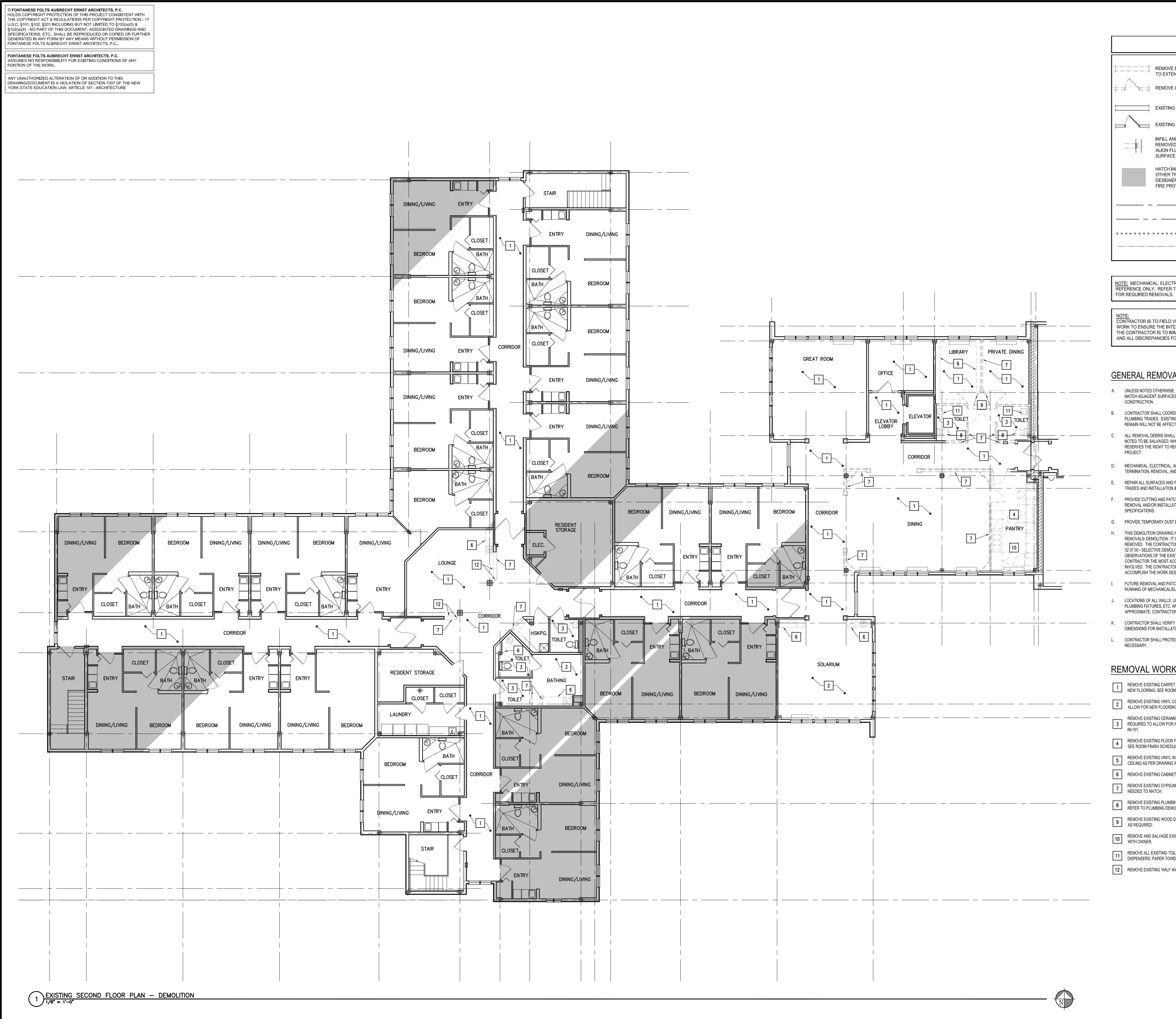
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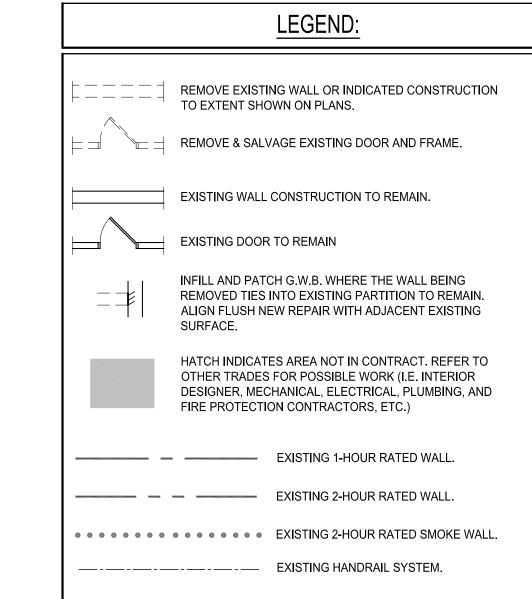
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DRAWING NO. A-004





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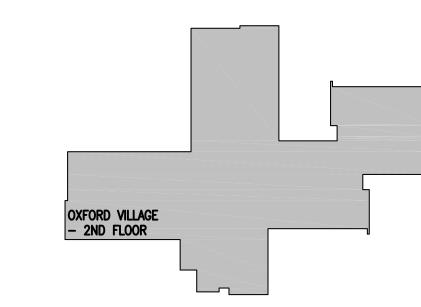
CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS OF THE DEMOLITION SCOPE OF WORK TO ENSURE THE INTENT OF THE NEW CONSTRUCTION PRIOR TO ANY REMOVAL. THE CONTRACTOR IS TO IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY AND ALL DISCREPANCIES FOUND.

### **GENERAL REMOVAL NOTES**

- UNLESS NOTED OTHERWISE, PATCH ALL REMAINING WALLS, SILLS, SOFFITS, CEILINGS, ETC. TO MATCH ADJACENT SURFACES WHERE EXISTING CONSTRUCTION HAS BEEN AFFECTED BY NEW CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL REMOVAL WORK AMONG MECHANICAL, ELECTRICAL, AND PLUMBING TRADES. EXISTING SERVICES SHALL NOT BE INTERRUPTED AND FIXTURES & DEVICES TO REMAIN WILL NOT BE AFFECTED. (SEE SECT. 02 07 00 - SELECTIVE DEMOLITION)
- ALL REMOVAL DEBRIS SHALL BECOME THE PROPERTY OF CONTRACTOR UNLESS SPECIFICALLY NOTED TO BE SALVAGED, WHEREIN IT REMAINS THE RESPONSIBILITY OF THE OWNER. OWNER RESERVES THE RIGHT TO REQUEST ITEMS BE SALVAGED AT ANY TIME DURING THE WORK OF THIS
- MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS ARE RESPONSIBLE FOR DISCONNECTION, TERMINATION, REMOVAL, AND DISPOSAL OF WORK IN THEIR RESPECTIVE TRADES.
- REPAIR ALL SURFACES AND FINISHES AFFECTED BY THE REMOVAL OF ADJACENT WORK OF ALL TRADES AND INSTALLATION & REMOVAL OF ALL TEMPORARY CONSTRUCTION.
- PROVIDE CUTTING AND PATCHING OF EXISTING WALLS, CEILINGS, AND FLOORS TO FACILITATE REMOVAL AND/OR INSTALLATION OF WORK OF ALL TRADES AS REQUIRED PER DRAWINGS AND
- G. PROVIDE TEMPORARY DUST BARRIERS.
- THIS DEMOLITION DRAWING IS INTENDED TO DEMONSTRATE IN GENERAL, THE TYPE AND EXTENT OF REMOVALS/ DEMOLITION. IT IS NOT INTENDED TO SHOW EVERY ITEM TO BE DEMOLISHED OR REMOVED. THE CONTRACTOR SHALL REFER TO PROJECT SPECIFICATION SECTION 02 07 00 - SELECTIVE DEMOLITION FOR FURTHER SCOPE OF WORK DEFINITIONS. FIELD OBSERVATIONS OF THE EXISTING BUILDING PRIOR TO SUBMITTING A BID, WILL GIVE THE CONTRACTOR THE MOST ACCURATE DETAIL AND A BETTER UNDERSTANDING OF THE WORK INVOLVED. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION AND REMOVAL WORK REQUIRED TO ACCOMPLISH THE WORK DESCRIBED ELSEWHERE IN THE CONSTRUCTION DOCUMENTS.
- FUTURE REMOVAL AND PATCHING OF GYPSUM CEILINGS AND SURFACES TO ACCOMMODATE RUNNING OF MECHANICAL/ELECTRICAL/PLUMBING SERVICE WILL BE REQUIRED.
- LOCATIONS OF ALL WALLS, UNDERSLAB PIPING, DUCTWORK, LIGHT FIXTURES, FIRE ALARM, PLUMBING FIXTURES, ETC. ARE TAKEN FROM ORIGINAL DRAWINGS AND IS TO BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD EXACT LOCATIONS.
- CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE DEMOLITION ROUGH OPENING SIZE AND DIMENSIONS FOR INSTALLATION OF NEW WORK PER DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL PROTECT EXISTING STRUCTURE AND PATCH, REPAIR AND SEAL IN KIND AS

### **REMOVAL WORK:**

- REMOVE EXISTING CARPET FLOORING INCLUDING ALL ADHESIVES. PATCH AS REQUIRED TO ALLOW FOR NEW FLOORING. SEE ROOM FINISH SCHEDULE - DRAWING IN-101
- REMOVE EXISTING VINYL COMPOSITION FLOORING INCLUDING ALL ADHESIVES. PATCH AS REQUIRED TO ALLOW FOR NEW FLOORING. SEE ROOM FINISH SCHEDULE - DRAWING IN-101.
- REMOVE EXISTING CERAMIC TILE FLOORING INCLUDING ALL MORTAR AND TILE WALL BASE. PATCH AS 3 REQUIRED TO ALLOW FOR NEW FLOORING AND WALL FINISHES. SEE ROOM FINISH SCHEDULE - DRAWING
- REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY. PATCH AS REQUIRED TO ALLOW FOR NEW FLOORING. SEE ROOM FINISH SCHEDULE DRAWING IN-101.
- REMOVE EXISTING VINYL WALL COVERING FROM WALL SYSTEM. REMOVE/MODIFY EXISTING SOFFIT/TRAY CEILING AS PER DRAWING AD-101. PATCH EXISTING GYPSUM CEILING TO TO MATCH ADJACENT.
- 6 REMOVE EXISTING CABINETRY INCLUDING BASE AND WALL CABINETS AND COUNTERTOPS.
- 7 REMOVE EXISTING GYPSUM AND METAL STUD PARTITION AS REQUIRED. PATCH ADJACENT WALL AS
- REMOVE EXISTING PLUMBING FIXTURE(S) INCLUDING ALL ASSOCIATED SUPPLY, WASTE AND VENT PIPING. REFER TO PLUMBING DEMO DRAWING P-100.
- 9 REMOVE EXISTING WOOD DOOR AND METAL FRAME INCLUDE SIDELITE WHEN INTEGRAL TO DOOR FRAME AS REQUIRED.
- REMOVE AND SALVAGE EXISTING APPLIANCES, STAINLESS STEEL UPPER CABINETS, ETC. COORDINATE WITH OWNER.
- REMOVE ALL EXISTING TOILET ACCESSORIES INCLUDING MIRRORS, TISSUE DISPENSERS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, SONITROL, GRAB BARS, ETC.
- REMOVE EXISTING 'HALF WALL' INCLUDING GYPSUM, METAL STUDS AND ALL WOOD TRIM AS REQUIRED.



AD-100

SECOND FLOOR PLAN - DEMOLITION

PROJECT NO. 17.38

01/31/2018

AS NOTED

NO. DATE REMARKS

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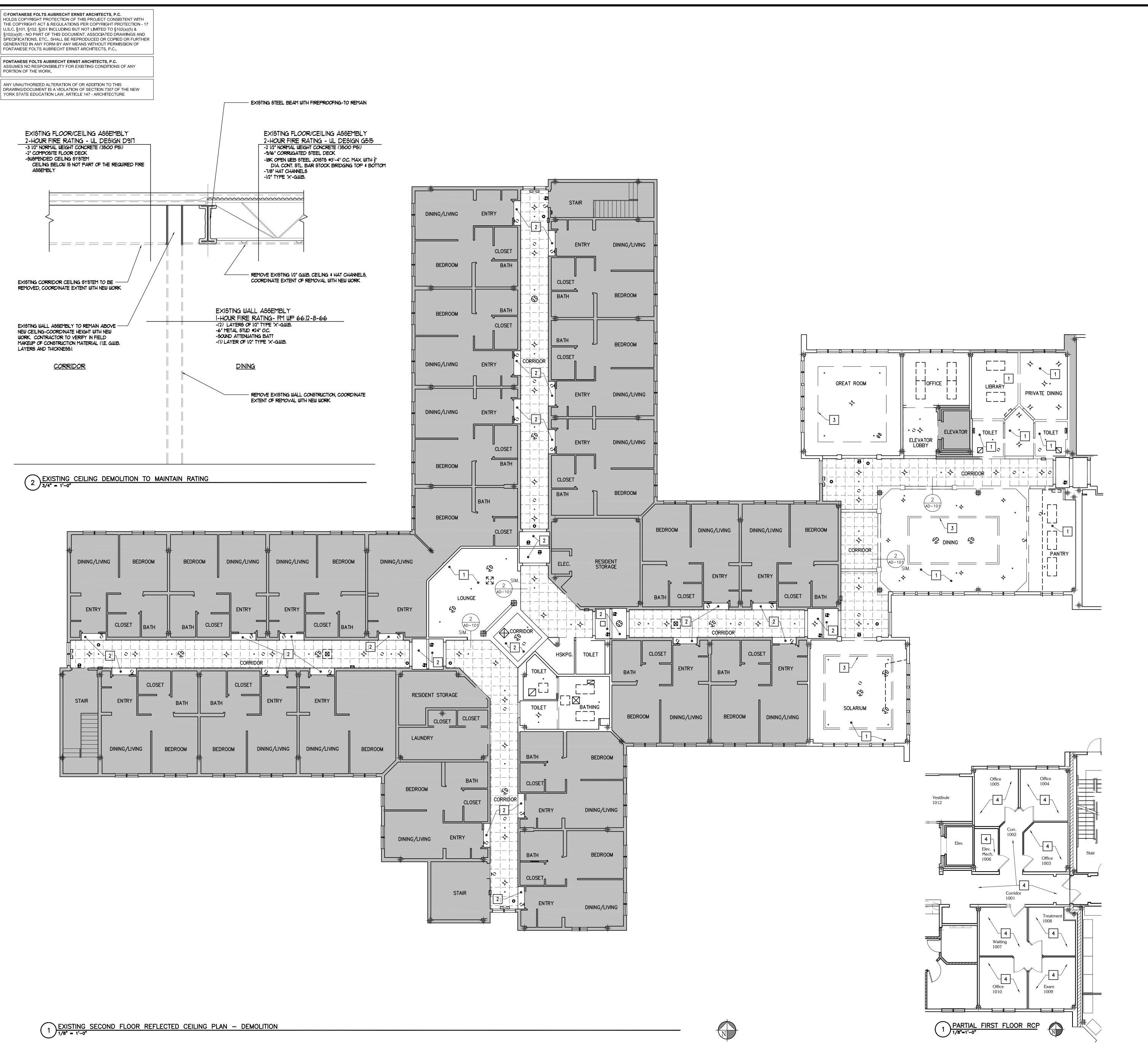
**ARCHITECTS** 

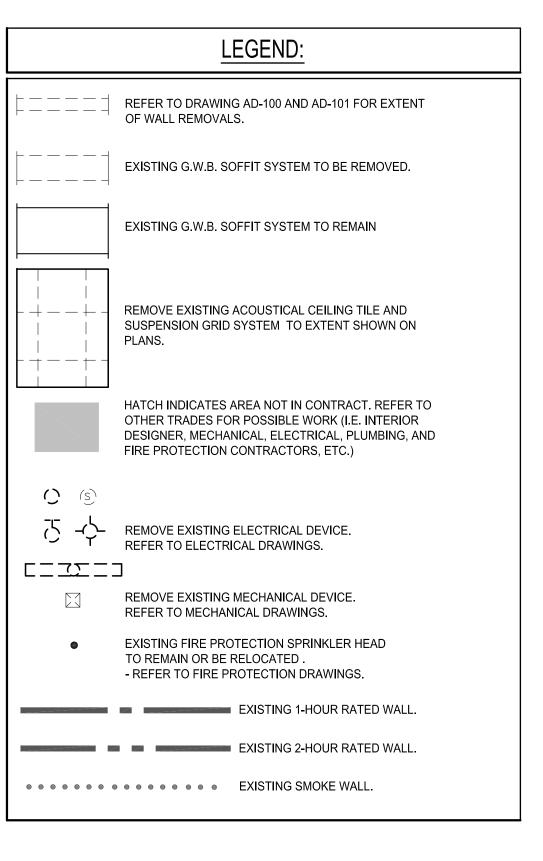
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ORCHARD PARK, N.Y. 14127

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NO. DATE REMARKS

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ORCHARD PARK, N.Y. 14127

PROJECT NO. 17.38

SECOND FLOOR REFLECTED

CEILING PLAN

DEMOLITION

01/31/2018

AS NOTED

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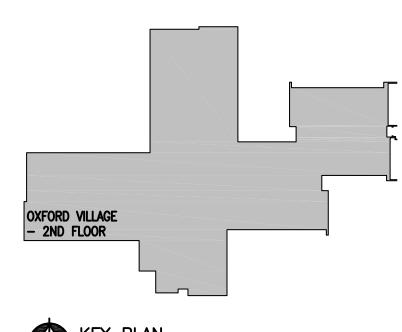
### GENERAL REMOVAL NOTES

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- D. ALL REMOVAL DEBRIS SHALL BECOME THE PROPERTY OF CONTRACTOR UNLESS SPECIFICALLY NOTED TO BE SALVAGED, WHEREIN IT REMAINS THE RESPONSIBILITY OF THE OWNER. OWNER RESERVES THE RIGHT TO REQUEST ITEMS BE SALVAGED AT ANY TIME DURING THE WORK OF THIS
- E. MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION CONTRACTORS ARE RESPONSIBLE FOR DISCONNECTION, TERMINATION, REMOVAL, AND DISPOSAL OF WORK IN THEIR RESPECTIVE
- F. PROVIDE CUTTING AND PATCHING OF EXISTING WALLS, CEILINGS, AND FLOORS TO FACILITATE REMOVAL AND/OR INSTALLATION OF WORK OF ALL TRADES AS REQUIRED PER DRAWINGS AND SPECIFICATIONS.
- G. PROVIDE TEMPORARY DUST BARRIERS.
- H. REPAIR ALL SURFACES AND FINISHES AFFECTED BY THE REMOVAL OF ADJACENT WORK OF ALL TRADES AND INSTALLATION & REMOVAL OF ALL TEMPORARY CONSTRUCTION.
- I. FUTURE REMOVAL AND PATCHING OF GYPSUM WALLS, CEILINGS AND SURFACES TO ACCOMMODATE RUNNING OF MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SERVICE WILL BE
- J. LOCATIONS OF ALL WALLS, UNDERSLAB PIPING, DUCTWORK, LIGHT FIXTURES, FIRE ALARM, PLUMBING FIXTURES, ETC. ARE TAKEN FROM ORIGINAL DRAWINGS AND IS TO BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD EXACT LOCATIONS.
- K. CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE DEMOLITION ROUGH OPENING SIZE AND DIMENSIONS FOR INSTALLATION OF NEW WORK PER DRAWINGS AND SPECIFICATIONS.
- L. CONTRACTOR SHALL PROTECT EXISTING STRUCTURE AND PATCH, REPAIR AND SEAL IN KIND AS NECESSARY.

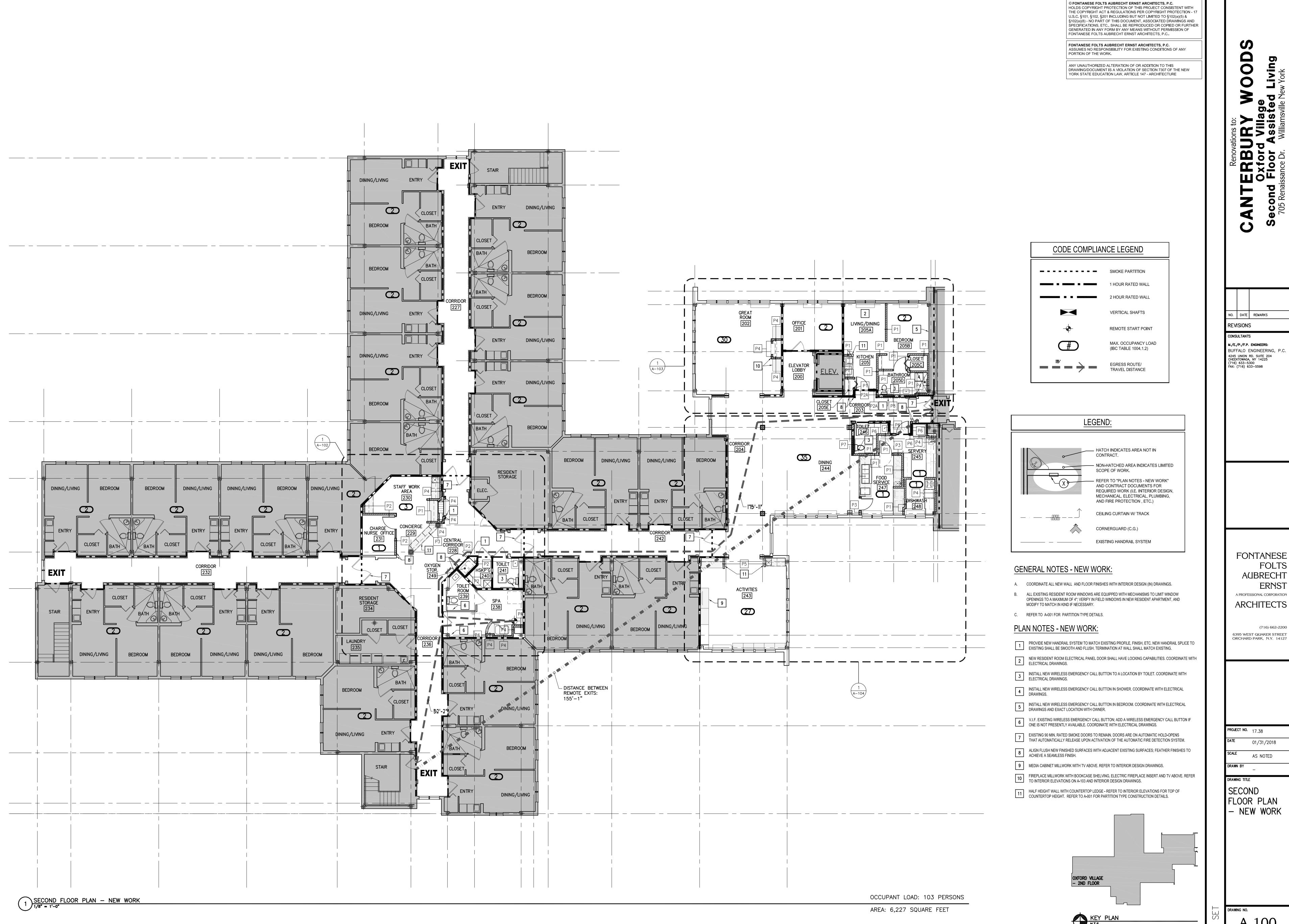
### DRAWING NOTES

- REMOVE EXISTING GYPSUM WALL BOARD CEILING IN ITS ENTIRETY TO THE EXTENT NEEDED FOR NEW WORK COORDINATE CEILING REMOVAL AT NEW LIGHT LOCATIONS WHERE MAJORITY OF
- EXISTING GYPSUM WALL BOARD SOFFIT / FASCIA SYSTEM AND OR GYPSUM WALL BOARD CEILING SYSTEM TO REMAIN PATCH AS NECESSARY DUE TO REMOVAL OF EXISTING ACOUSTICAL CEILING SYSTEM COORDINATE NEW WORK WITH DRAWING A-101.
- 3 REMOVE WOOD TRIM ON CEILING PATCH SURFACES TO MATCH ADJACENT.

EXISTING GYPSUM WALL BOARD CEILING SYSTEM AND OR ACOUSTICAL CEILING TILE SYSTEM TO BE REMOVED TO EXTENT NEEDED TO PERFORM MECHANICAL, PLUMBING, F.P. OR ELECTRICAL SCOPES OF WORK ON SECOND FLOOR ABOVE. VERIFY CEILING TYPES IN THE FIELD. THE EXISTING FLOOR-CEILING SYSTEM FIRE RATING TO BE PRESERVED WITH NEW MATERIALS TO MATCH EXISTING CONSTRUCTION IN KIND.



AD-101

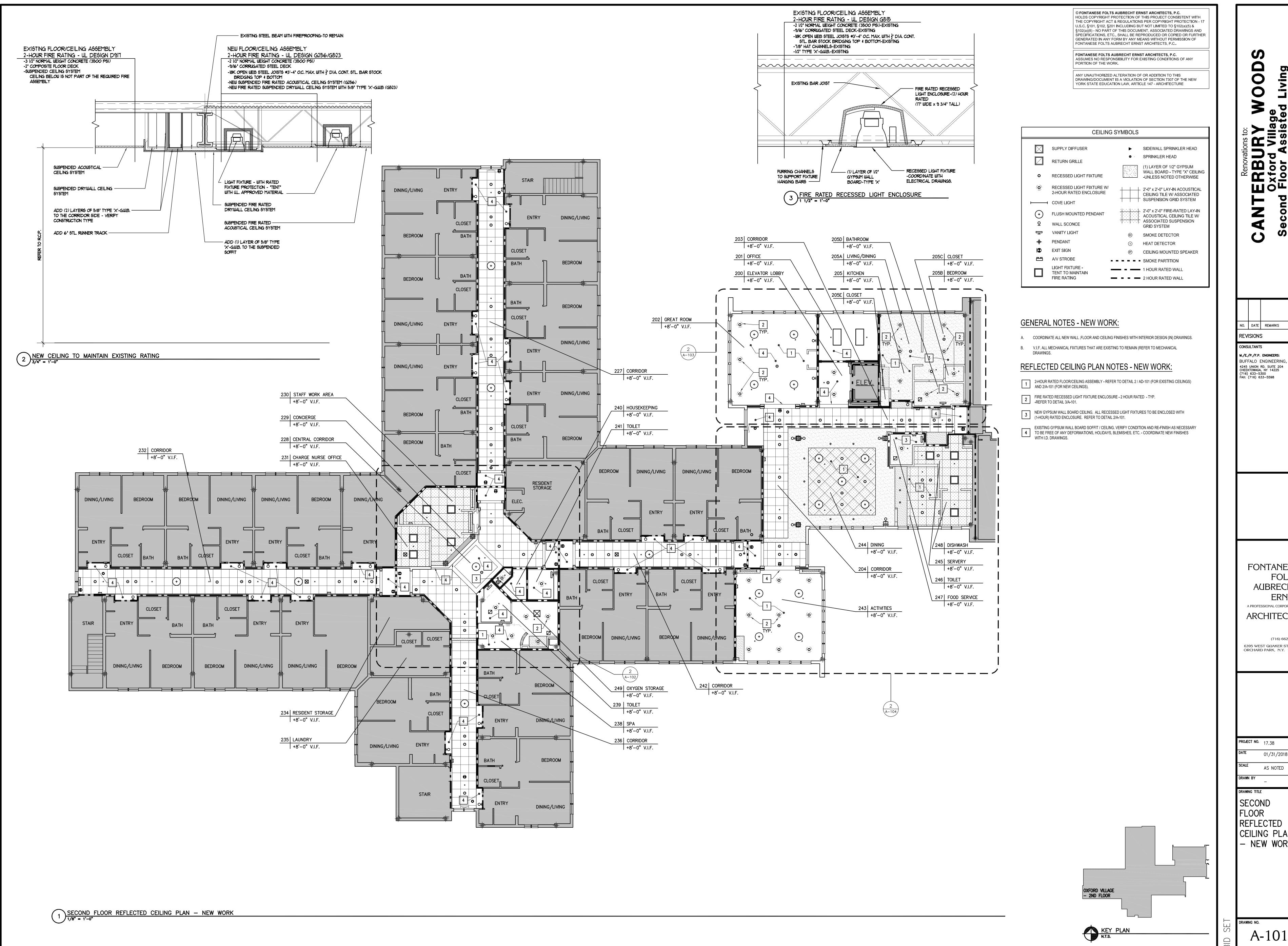


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FONTANESE **AUBRECHT ERNST** 

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01/31/2018



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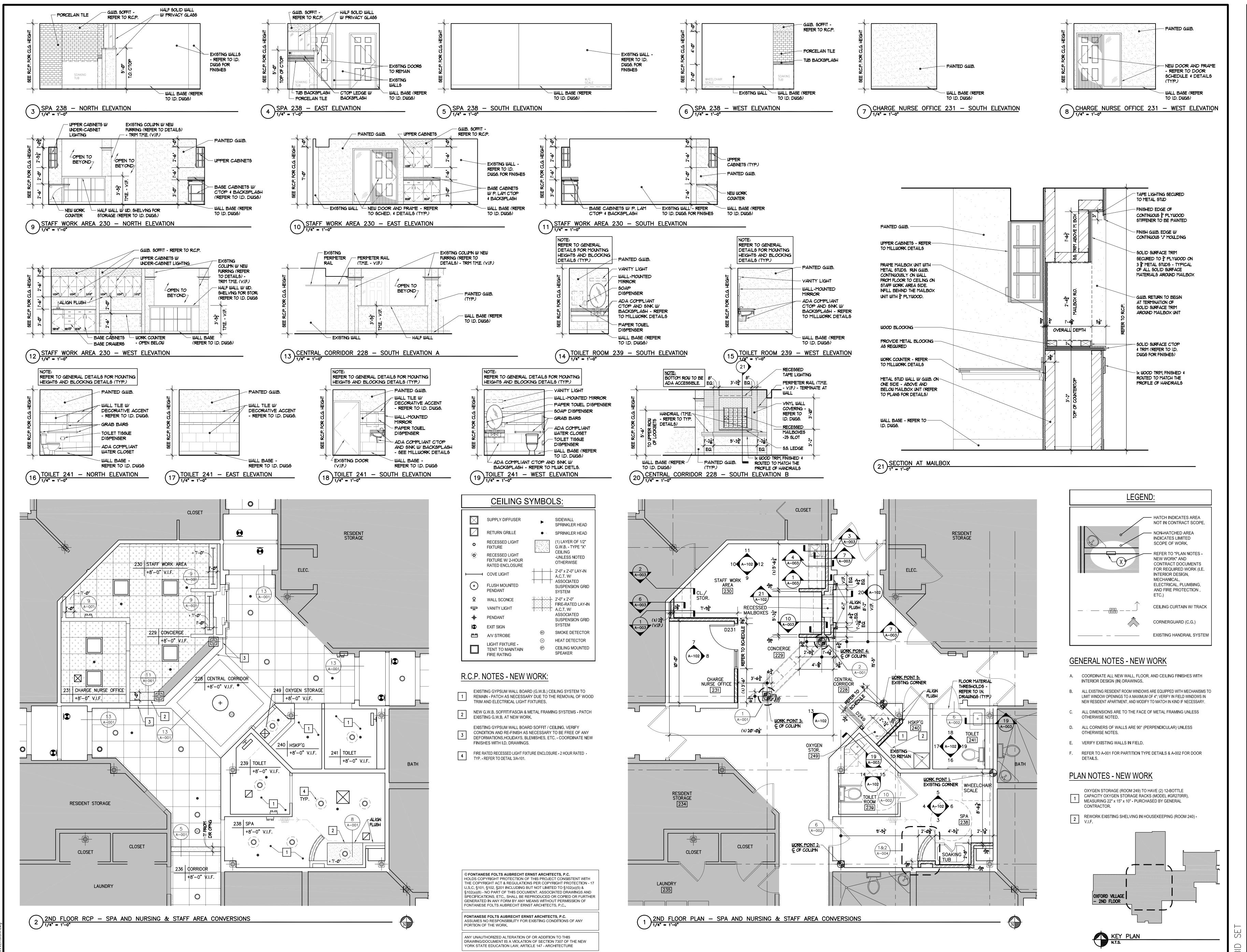
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6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

01/31/2018 AS NOTED

SECOND FLOOR REFLECTED CEILING PLAN – NEW WORK



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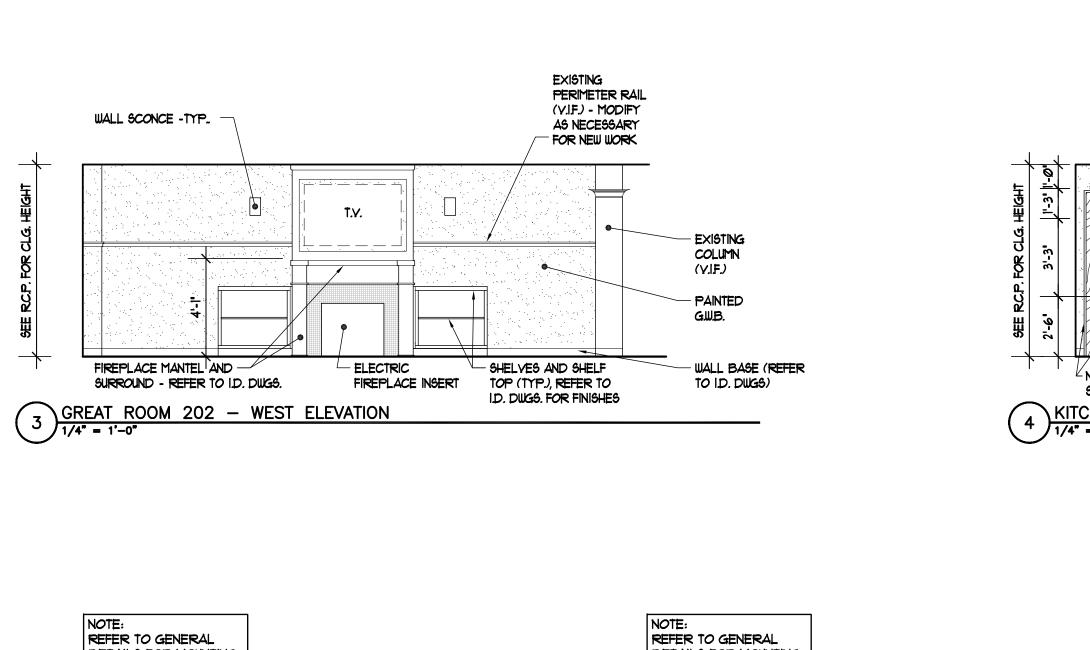
(716) 662-2200 6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

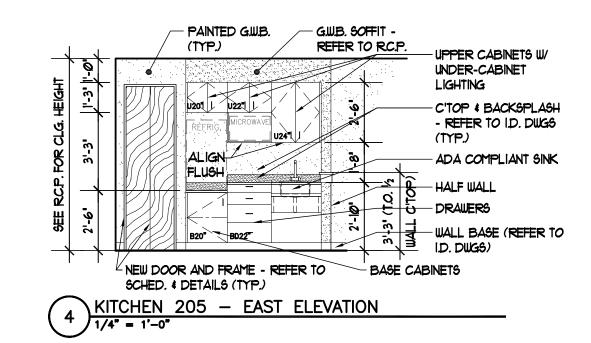
PROJECT NO. 17.38 01/31/2018

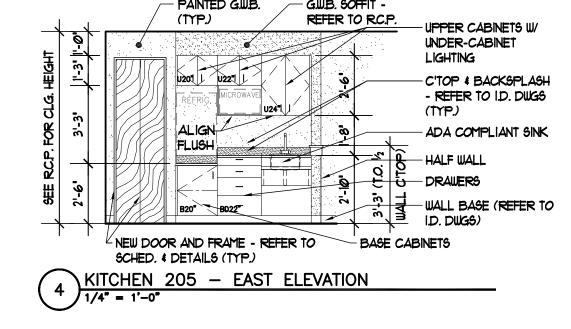
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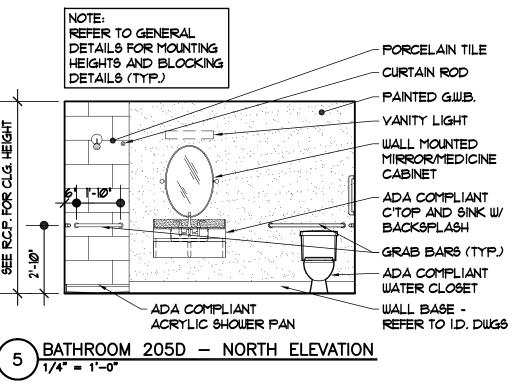
SECOND FLOOR - SPA AND NURSING & STAFF

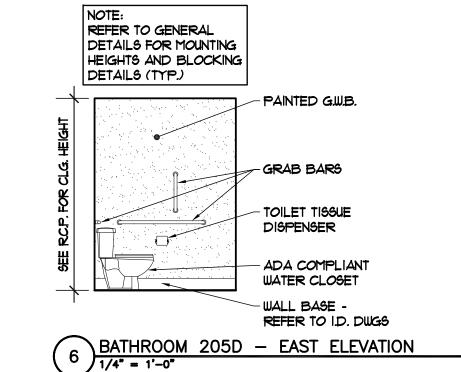
**CONVERSIONS** 

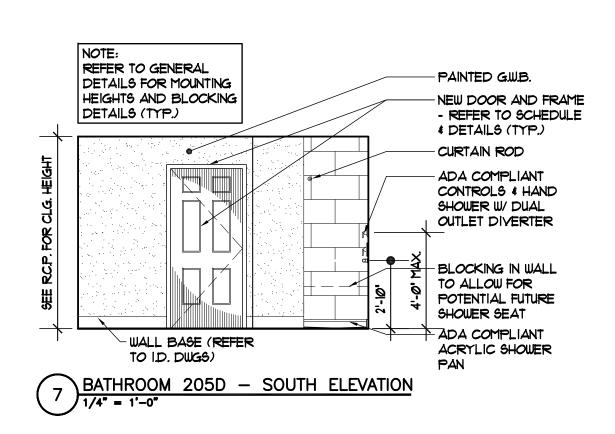


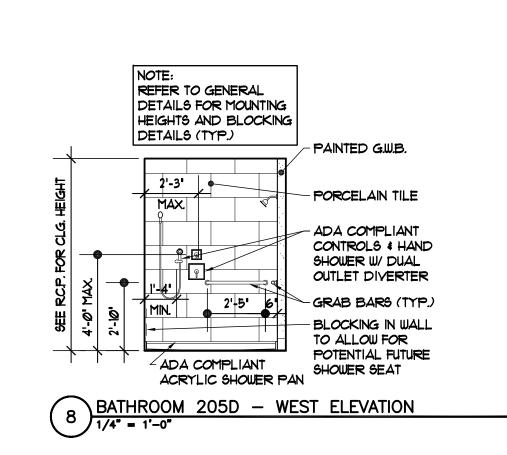


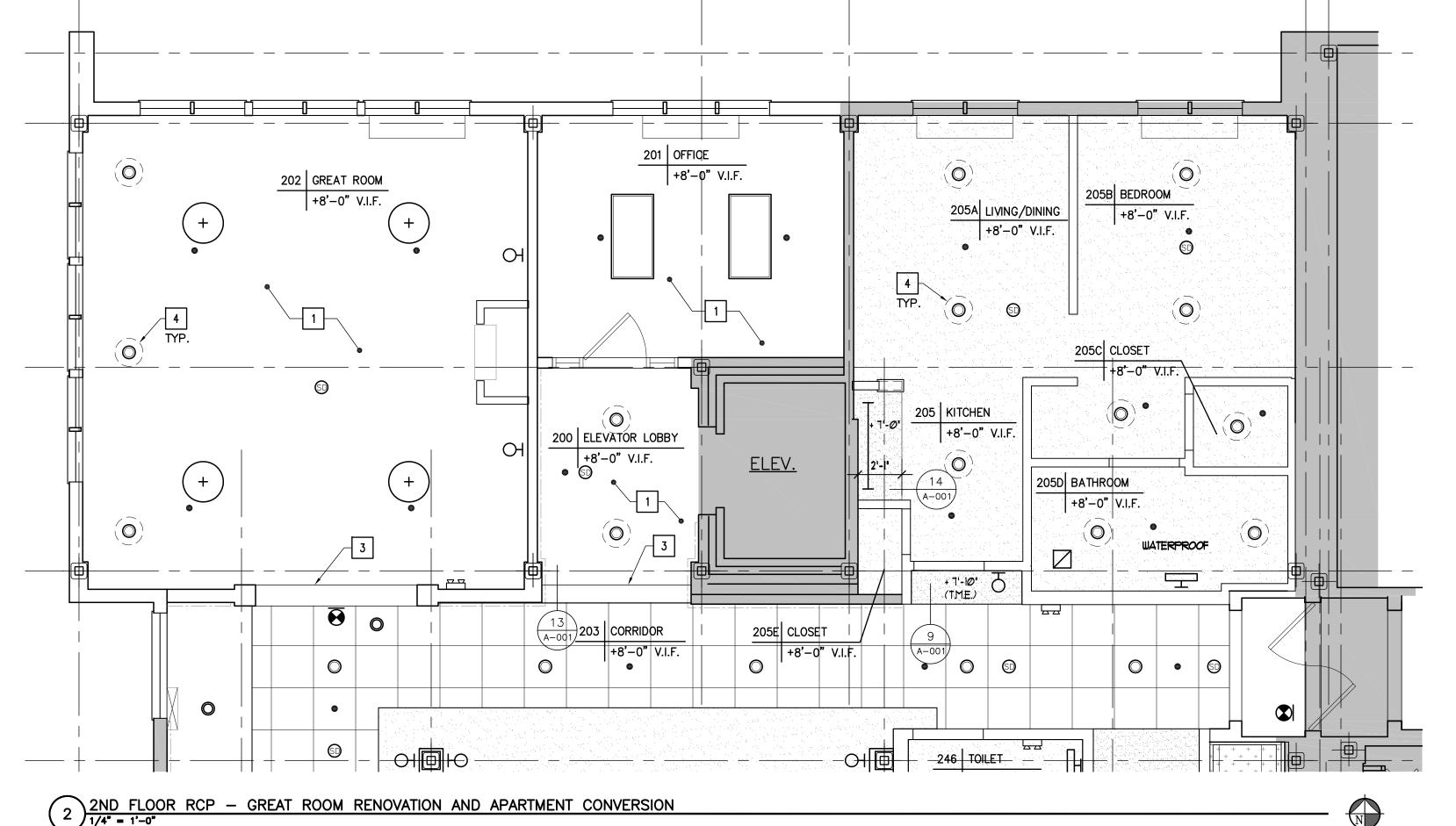


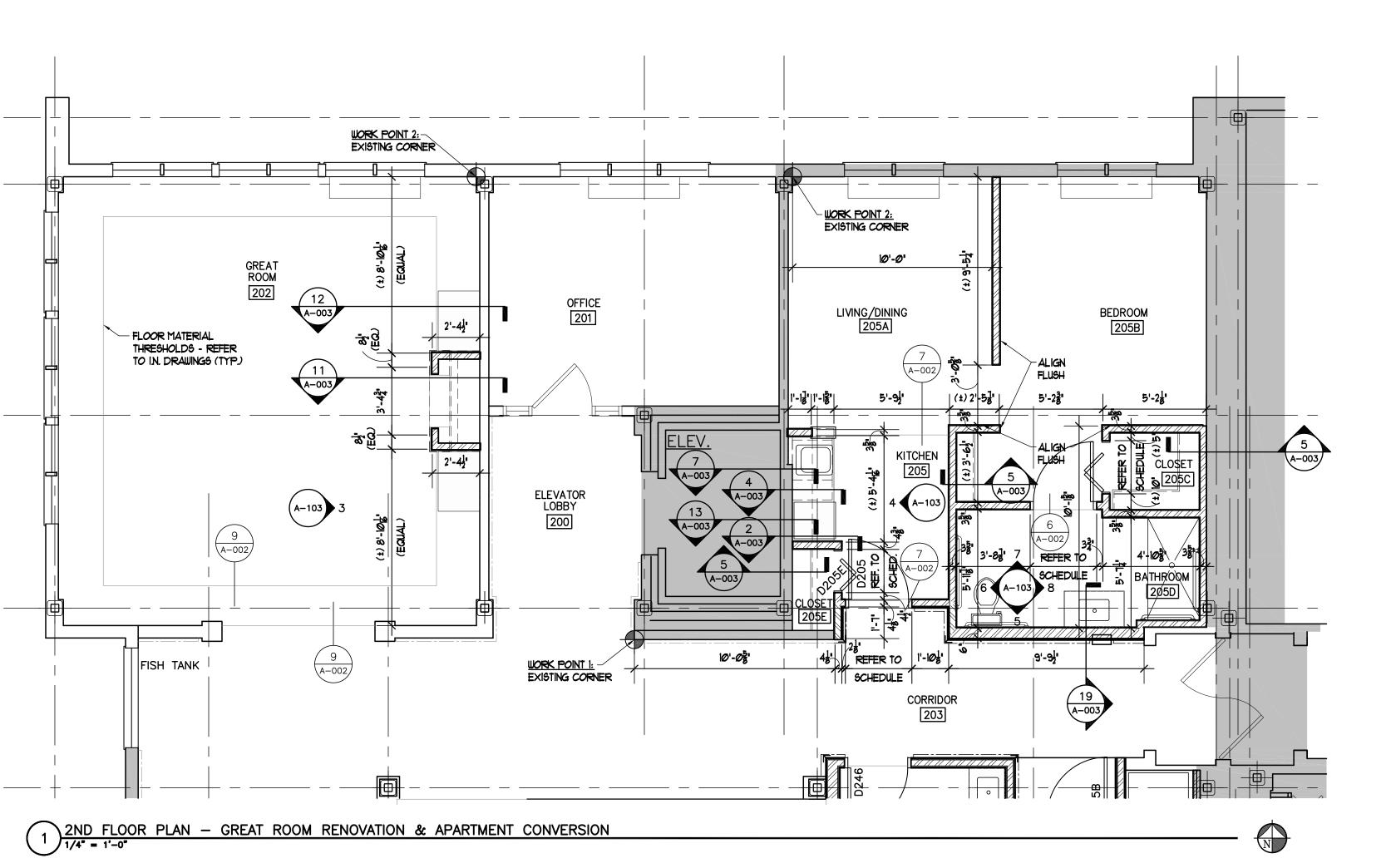


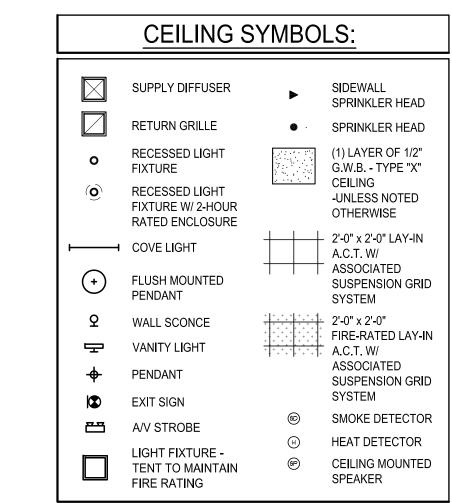












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**AUBRECHT** 

A PROFESSIONAL CORPORATION

**ARCHITECTS** 

6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

PROJECT NO. 17.38

01/31/2018

AS NOTED

2ND FLOOR — GREAT RM

RENOVATION

& RESIDENT

ROOM CONVERSION

**ERNST** 

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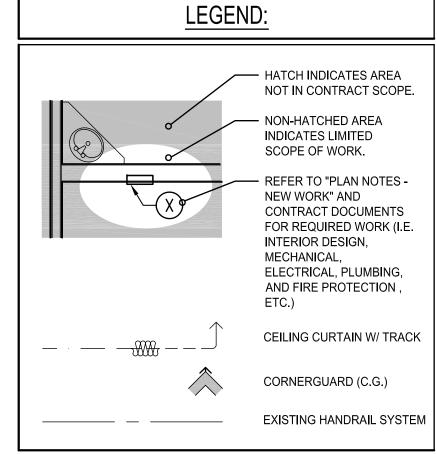
REVISIONS

CONSULTANTS

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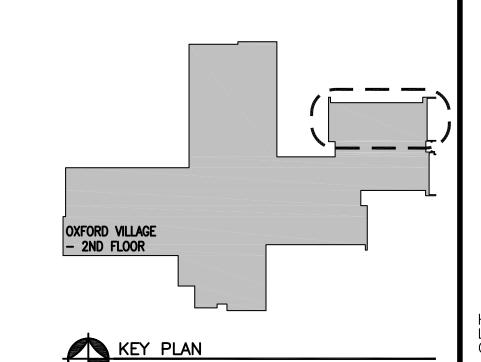
# R.C.P. NOTES - NEW WORK:

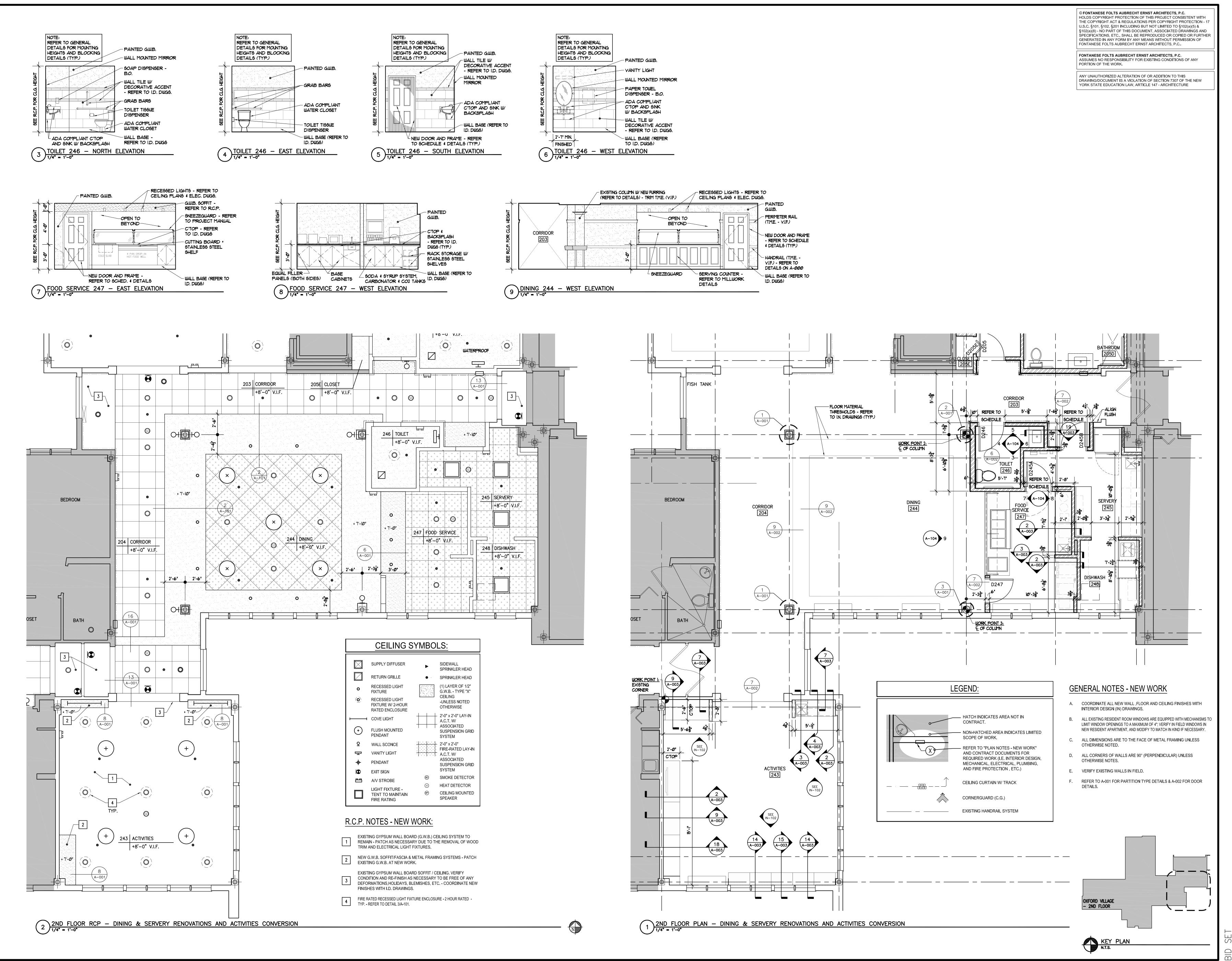
- EXISTING GYPSUM WALL BOARD (G.W.B.) CEILING SYSTEM TO REMAIN - PATCH AS NECESSARY DUE TO THE REMOVAL OF WOOD TRIM AND ELECTRICAL LIGHT FIXTURES.
- NEW G.W.B. SOFFIT/FASCIA & METAL FRAMING SYSTEMS PATCH EXISTING G.W.B. AT NEW WORK.
- EXISTING GYPSUM WALL BOARD SOFFIT / CEILING. VERIFY CONDITION AND RE-FINISH AS NECESSARY TO BE FREE OF ANY DEFORMATIONS, HOLIDAYS, BLEMISHES, ETC. - COORDINATE NEW FINISHES WITH I.D. DRAWINGS.
- FIRE RATED RECESSED LIGHT FIXTURE ENCLOSURE 2 HOUR RATED -TYP. - REFER TO DETAIL 3/A-101.



### **GENERAL NOTES - NEW WORK**

- A. COORDINATE ALL NEW WALL, FLOOR, AND CEILING FINISHES WITH INTERIOR DESIGN (IN) DRAWINGS.
- B. ALL EXISTING RESIDENT ROOM WINDOWS ARE EQUIPPED WITH MECHANISMS TO LIMIT WINDOW OPENINGS TO A MAXIMUM OF 4"; VERIFY IN FIELD WINDOWS IN
- NEW RESIDENT APARTMENT, AND MODIFY TO MATCH IN KIND IF NECESSARY. ALL DIMENSIONS ARE TO THE FACE OF METAL FRAMING UNLESS
- OTHERWISE NOTED. D. ALL CORNERS OF WALLS ARE 90° (PERPENDICULAR) UNLESS
- OTHERWISE NOTES.
- E. VERIFY EXISTING WALLS IN FIELD. F. REFER TO A-001 FOR PARTITION TYPE DETAILS & A-002 FOR DOOR DETAILS.





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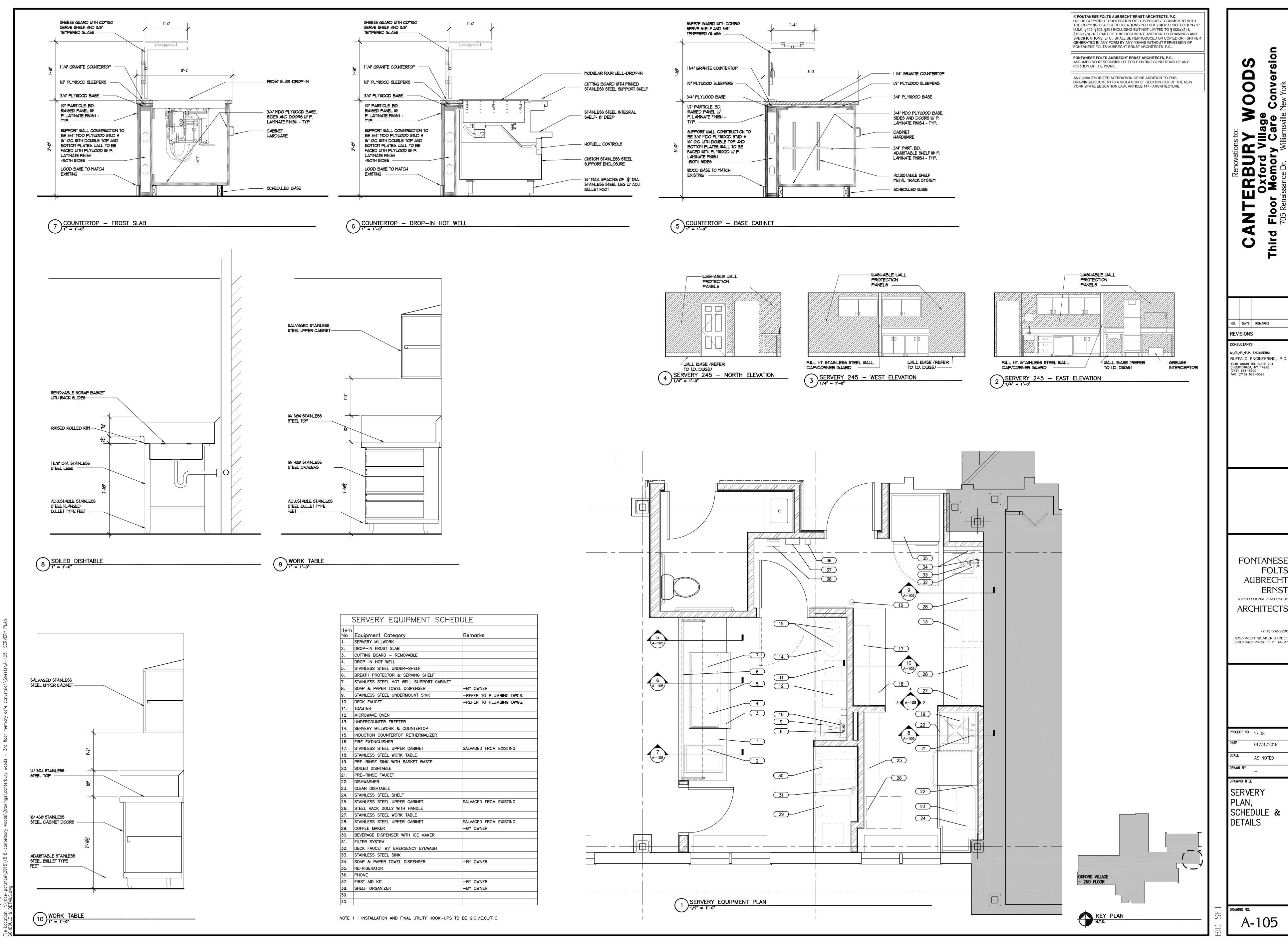
6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

PROJECT NO. 17.38

01/31/2018 AS NOTED

SECOND FLOOR -DINING & SERVERY AND

ACTIVITIES CONVERSIONS



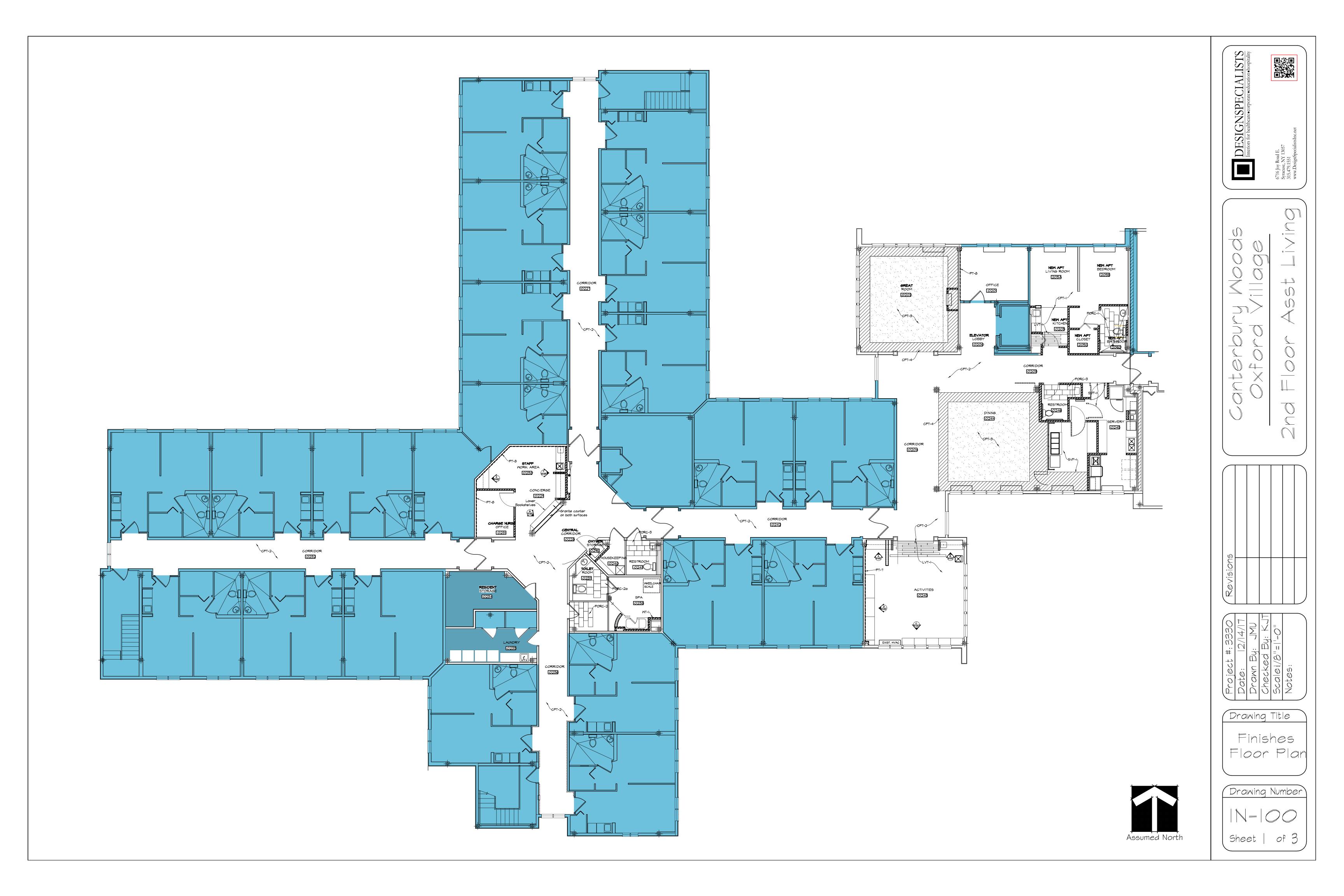
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01/31/2018 AS NOTED

SCHEDULE &



					*	ROOM	1 FINI	SH 5	CHED	ULE						
	ROOM	FLC	OR	B <i>≜</i>	4SE				MA	LLS				CEI!	LING	NOTES
						NOF	RTH	TH EAST		SOUTH		MEST				
NUMB	NAME	ΜT	FIN	MT	TZ	$\succeq$	FIN	MT	FIN	MT	FIN	MT	FIN	MT	FIN	
SECONI	II D FLOOR							<u> </u>		<u> </u>						
0200	ELEVATOR LOBBY	CPT	CPT-2	СВ	CB-I	VMC/PT	VMC-1/ PT-2	VWC/PT	VMC-1/ PT-2	_	_	VWC/PT	VMC-1/ PT-2	×	×	SEE ELEVATION ON DWG IN-102
0201	OFFICE	CPT	CPT-4	RB	RB-I	PT	PT-2	PT	PT-2	PT	PT-2	PT	PT-8	×	×	×
0202	GREAT ROOM	CPT	CPT-4/ CPT-3	WB	PT-I	PT	PT-2	PT	PT-10	PT	PT-2	PT	PT-2	×	×	STAINED WOOD MILLWORK,WT-2 FIREPLACE SURROUND
0203	CORRIDOR	CPT	CPT-2	СВ	CB-I	VMC/PT	VMC-1/ PT-2	-	-	VWC/PT	VMC-1/ PT-2	VWC/PT	VWC-1/ PT-2	×	×	SEE ELEVATION ON DWG IN-102
0204	CORRIDOR	CPT	CPT-2	СВ	CB-I	VMC/PT	VWC-1/ PT-2	VWC/PT	VWC-1/ PT-2	VWC/PT	VWC-1/ PT-2	VWC/PT	VWC-1/ PT-2	×	×	SEE ELEVATION ON DWG IN-102
0205	NEW APT KITCHEN	LVT	LVT-I	WB	PT-3	PT	PT-4	PT	PT-4	PT	PT-2 PT-4	PT	PT-4	×	×	PL-I CABINETRY, PL-3 COUNTERS
0205A	NEW APT LIVING ROOM	CPT	CPT-I	WB	PT-3	PT	PT-4	PT	PT-4	PT	PT-4	PT	PT-4	×	×	
0205B	NEW APT BEDROOM	CPT	CPT-I	MB	PT-3	PT	PT-4	PT	PT-4	PT	PT-4	PT	PT-4	×	×	
02050	NEW APT CLOSET	CPT	CPT-I	MB	PT-3	PT	PT-4	PT	PT-4	PT	PT-4	PT	PT-4	×	×	
0205D	NEW APT BATH	PORC	PORC-I	PORC	PORC-I	PT	PT-5	PT	PT-5	PT	PT-5	PT	PT-5	×	×	PL-I CABINETRY, SS-I COUNTERS
0227	CORRIDOR	CPT	CPT-2	СВ	CB-I	-	-	VWC/PT	VMC-1/ PT-2	-	-	VWC/PT	VWC-1/ PT-2	×	×	SEE ELEVATION ON DMG IN-102
0228	CENTRAL CORRIDOR	CPT	CPT-2	СВ	CB-I	YMC/PT	VMC-1/ PT-2	VWC/PT	VMC-1/ PT-2	YWC/PT	VMC-1/ PT-2	VWC/PT	VMC-1/ PT-2	×	×	SEE ELEVATION ON DWG IN-102
0229	CONCIERGE	CPT	CPT-4	СВ	CB-I	-	-	-	-	-	-	PT	PT-2	×	×	55-4 COUNTER, SEE ELEVATION ON DWG
0230	STAFF WORK AREA	CPT	CPT-4	CB	CB-I	PT	PT-I	PT	PT-I	PT	PT-I	PT	PT-I	×	×	PL-4 CABINETRY, PL-2 COUNTERS, SEE DWG IN-IO2 FOR ELEVATIONS AND ACCENT PAINT LOCATION
0231	CHARGE NURSE OFFICE	CPT	CPT-4	RB	RB-I	PT	PT-2	PT	PT-2	PT	PT-2	PT	PT-8	×	×	
0232	CORRIDOR	CPT	CPT-2	СВ	CB-I	VMC/PT	VMC-1/ PT-2	-	-	VWC/PT	VMC-1/ PT-2	-	-	×	×	
0236	CORRIDOR	CPT	CPT-2	СВ	CB-I	-	-	VWC/PT	VMC-1/ PT-2	-	-	VWC/PT	VWC-1/ PT-2	×	×	
0238	SPA	PORC	PORC-2	PORC	PORC-2	PT	PT-6	PT	PT-6	PT	PT-6	PT	PT-6	×	×	WT-I FULL HEIGHT @ TUB WALLS
0239	TOILET ROOM	PORC	PORC-2a	PORC	PORC-2 b	PT-I	PT-5	PT-I	PT-5	PT-I	PT-5	PT-I	PT-5	×	×	PL-I MILLWORK, SS-2 COUNTER
0240	HOUSEKEEPING	-	-	RB	RB-I	PT	PT-2	PT	PT-2	PT	PT-2	PT	PT-2	×	×	
0241	REST ROOM	PORC	PORC-3	PORC	PORC-3 b	PT/PORC	PT-11/ PORC-3	PT/PORC	PT-11/ PORC-3	PT/PORC	PT-11/ PORC-3	PT/PORC	PT-II/ PORC-3	×	×	PL-4 VANITY APRON, SS-3 COUNTER, PT-11 UPPER WALLS, PORC-3 LOWER WALLS WITH PORC-3a ACCENT STRIP, SEE ELEVATION ON DWG IN-102
0242	CORRIDOR	CPT	CPT-2	СВ	CB-I	VWC/PT	VMC-1/ PT-2	-	-	VWC/PT	VMC-1/ PT-2	-	-	×	×	SEE ELEVATION ON DINO IN-102
0243	ACTIVITIES	LVT	LVT-I	WB	PT-I	PT	PT-2	PT	PT-2	PT	PT-2	PT	PT-7	×	×	PL-4 CABINETRY, PL-5 COUNTERS, SEE ELEVATIONS ON DWG IN-102
0244	DINING	CPT	CPT-4/ CPT-3	WB	PT-I	PT	PT-2	PT	PT-10	PT	PT-2	PT	PT-2	×	×	LEE TATIONS ON DISC IN-102
<i>0</i> 245	SERVERY	SVF	5VF-I	SVF	SVF-I	PT	PT-4	PT	PT-4	PT	PT-4	PT	PT-4	×	×	PL-4 CABINETRY, SS-4 COUNTERS
0246	REST ROOM	PORC	PORC-3	PORC	PORC-3	PT/PORC	PT-8/ PORC-3	PT/PORC	PT-8/ PORC-3	PT/PORC	PT-8/ PORC-3	PT/PORC	PT-8/ PORC-3	×	×	PL-4 VANITY APRON, SS-3 COUNTER, PT-8 UPPER WALLS, PORC-3 LOWER WALLS WITH PORC-3a ACCENT STRIP,
0247	OXYGEN STORAGE		_	RB	RB-I	DТ	PT-2	TG	PT-2	דכ	PT-2	PT	PT-2			SEE ELEVATION ON DWG IN-102
0241	UATUEN STURAGE	-	-	KD.	KD-I	₽T	FI=2	PT	F1 <b>-</b> 2	PT			F1 <b>-</b> 2	×	×	

	TES

1. GT-1 to be used with PORC-2, PORC-2a, PORC-2b,

PORC-20, WT-2.

2. GT-2 to be used with MT-1.

3. GT-3 to be used with PORC-1, PORC-1a.

4. GT-4 to be used with PORC-3, PORC-3a, PORC-3b, PORC-3c.

5. Use epoxy grout on bathroom floors.

6. Provide fillers as needed for cabinet doors

7. A'll cabinetry to be locked.

8. All doors, trim and wood base in common areas to be PT-1.

9. All doors, trim and wood base in Apartment 205 to

10. All GWB ceilings to be PT-3.

Stipple Summit GT-I Color: Parchment 991 Cornsilk 906 Peak 9770 Color: Size: Broadloom GT-3 Color: Praline 928 Shaw Contract GT-4 Color: CPT-2 Collection: Lush Life Mushroom 39 Style: Joie Ecomorx 60741 *Oo*h La La 63335 <u>Plastic Laminate</u> Size: Broadloom <u> Milsonart</u> Color: Shaker Cherry 7935K-07 Shaw Contract Textured Gloss Finish: CPT-3 Collection: Lush Life PL-2 Pionite Color: Decor 59390 Ooh La La 63335 Azzurra AB081 Finish: Suede 24" × 24" Modular Tile Size: Install: Brick <u>Formica</u> Color: Parquet Latte 3453-58 <u>Shaw Contract</u> CPT-4 Collection: Lush Life Finish: Matte Aged Ash 8844-50 PL-4 Color: Riche 59363 Finish: Ooh La La 63335 Mátte 24" x 24" Modular Tile Size: PL-5 Arborite
Color: Monolithic (as border) Tatami Wasabi P-297-CA Quarter Turn (as field) Cashmere Finish: <u>Carpet Base</u> Solid Surface <u>Shaw Contract</u> Corian Color: Collection: Design Series V 30 Style: 5A032 Fossil Color: Rosemary Fennel 32370 Color: Blue Spice 4"H Bound Carpet Base <u>Luxury Vinyl Tile</u>

<u>Mannington</u>

LVT-I Collection: Nature's Path Select Color: Century Cherry Sherwin Williams Colonial 12150 5" x 48" Plank Paperwhite SM7105 Color: Size: Co'ttage Cream SW7678 Color: Install: Brick Ashlar Color: Extra White SW7006 Casa Blanca SW7571 Sheet Vinyl Flooring Mannington Cargo Pants SW7738 Samóvar Silver SW6233 Color: SVF-I Collection: Assurance II Color: Ruskin Room Green SW0042 Toasted Sesame 16306 Debonair SM9139 Color: Size: 6'W Sheetgoods PT-9 Color: Labradorite SW7619 With 6"H Integral Cove Base Note: PT-10 Color: Artichoke SW6179 PT-11 Color: Mesa Tan SW7695 <u>Rubber Base</u> Vinyl Wallcovering
Patty Madden
VWC-I Pattern: Senato LXB-SEN Moss P116 4"H Straight @ Carpet Size: 4"H Cove @ Hard Surface Floor Color: Vernon 14 <u>Porcelain Tile</u> <u>Cabinet Door Hardware</u> <u>Stonepeak (Best Tile)</u> Classic Collection Style: Gatehouse Bar Pull Cremino Mõdel: D1159-1285N PORC-1 Size: 12" x 24" Floor Tile 340569 ltem: 3rd Joint Finish: Satin Nickel PORC-la 6" x 12" Cove Base Santino Chiaro SNO7 Cólor: 12" × 24" Floor Tile PORC-2 Size: 3rd Joint 18" x 18" Floor Tile Install: PORC-2a Brick Ashlar PORC-2b 6" x 12" Cove Base

Ayers Rock

3rd Joint

PORC-3 Size:

Mall Tile <u>Daltile</u>

MT-I Size:

MT-2

Install:

<u>Lungarno</u> Style:

Cólor:

Size:

PORC-3a

PORC-3b PORC-3c

Solar Summit AYOI 13" x 20" Floor/Wall Tile

6" x 13" Cove Base 3" X 13" Bullnose

Rittenhouse Square Biscuit K175, Semi-Gloss 3" x 6" Wall Tile Brick Joint

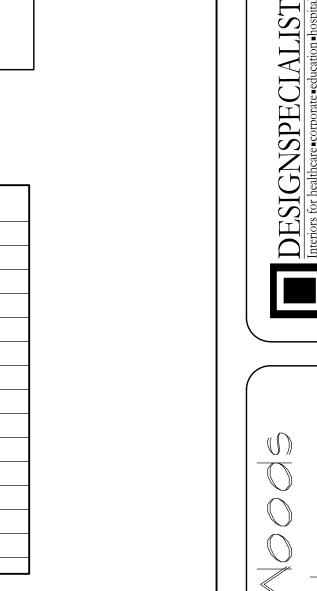
1.8" × 1.8" - Mesh Mount

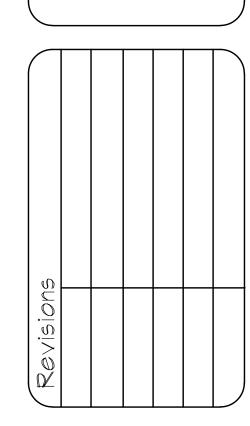
Midnight Mosaic Tropical G2325

3" x 13" Decorative Accent

-PAINT FINISHES -CEILINGS - FLAT WALLS - EGGSHELL DOOR FRAMES- SEMI GLOSS

SY	MBOLS LEGEND
CPT	CARPET
LVT	LUXURY VINYL TILE
PORC	PORCELAIN TILE
MB	WOOD BASE, PAINTED
RB	RUBBER BASE
СВ	CARPET BASE
SVF	SHEET VINYL FLOOR
MT	WALL TILE
55	SOLID SURFACE
PT	PAINT
VMC	VINYL WALL COVERING
PL	PLASTIC LAMINATE
GT	GROUT
HD	HARDWARE





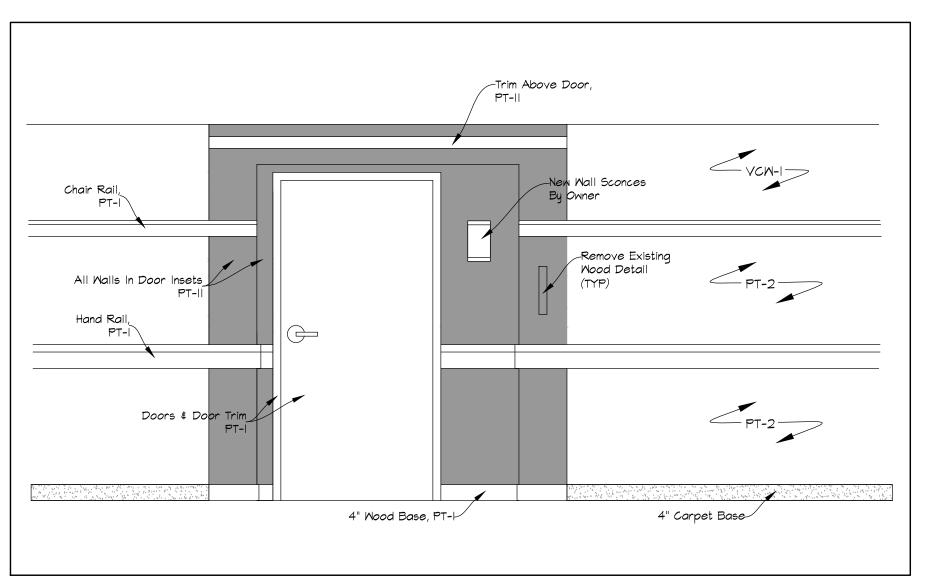
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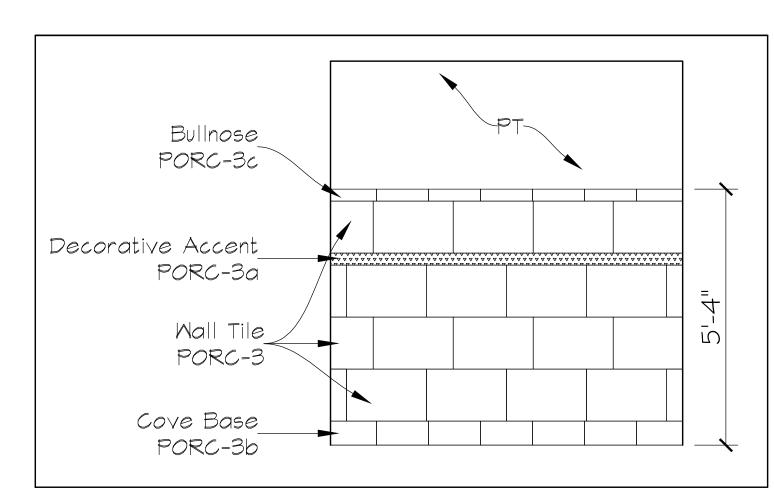
Project #:3330	Date: 12/14/17	Drawn By: JMU	Checked By: KJT	Scale: As Noted	Notes:

Drawing Title Room Finish Schedule

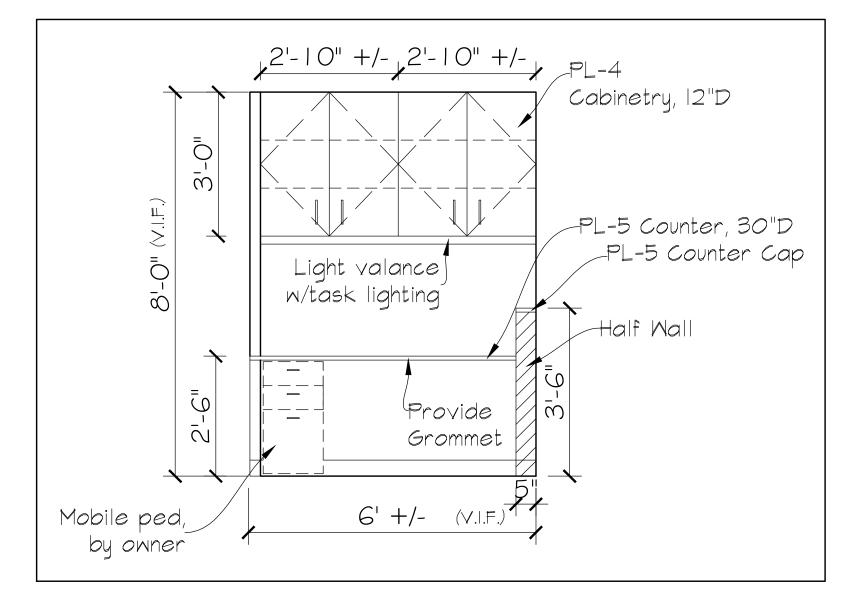
Drawing Number Sheet 2 of 3



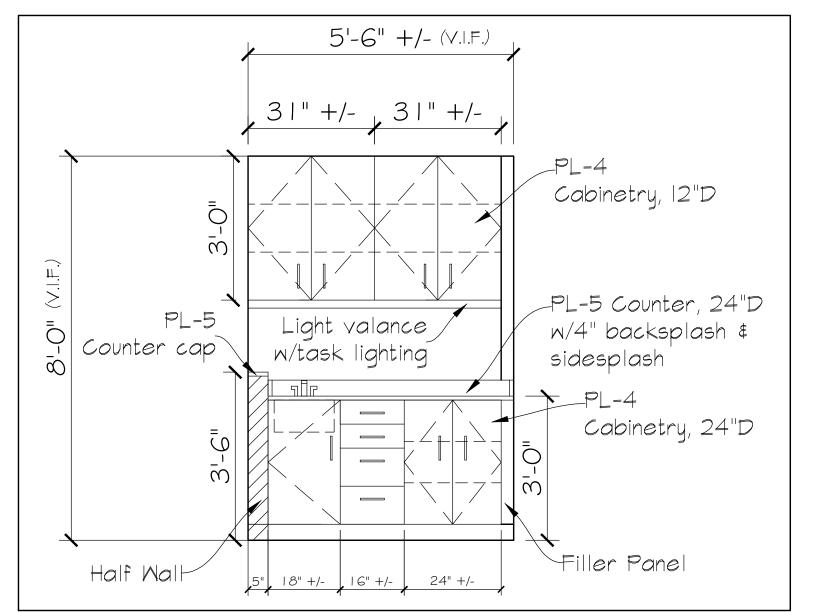
TYP. ELEVATION - CORRIDOR & RESIDENT ENTRY SCALE: 1 = 1'-0"



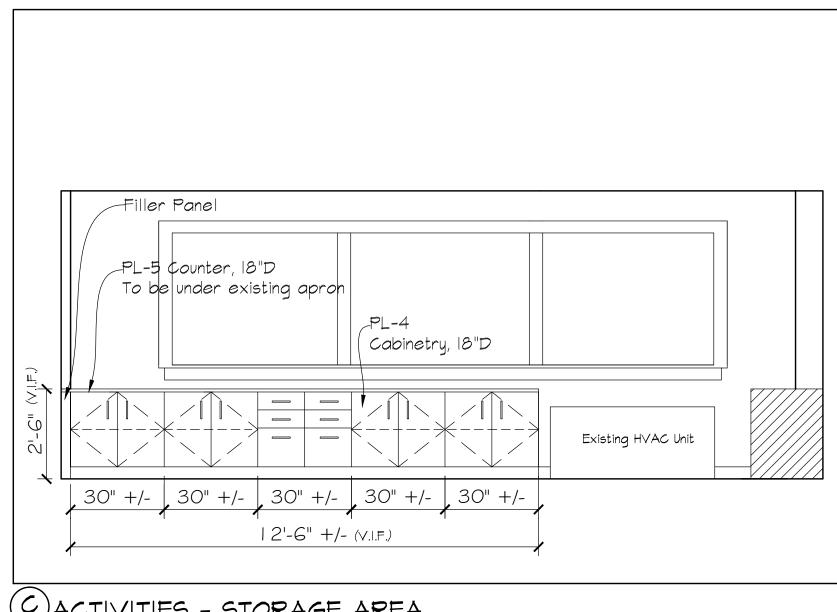
TYP. ELEVATION - RESTROOMS 241 \$ 246 WALL TILE SCALE: ½"=1'-0"



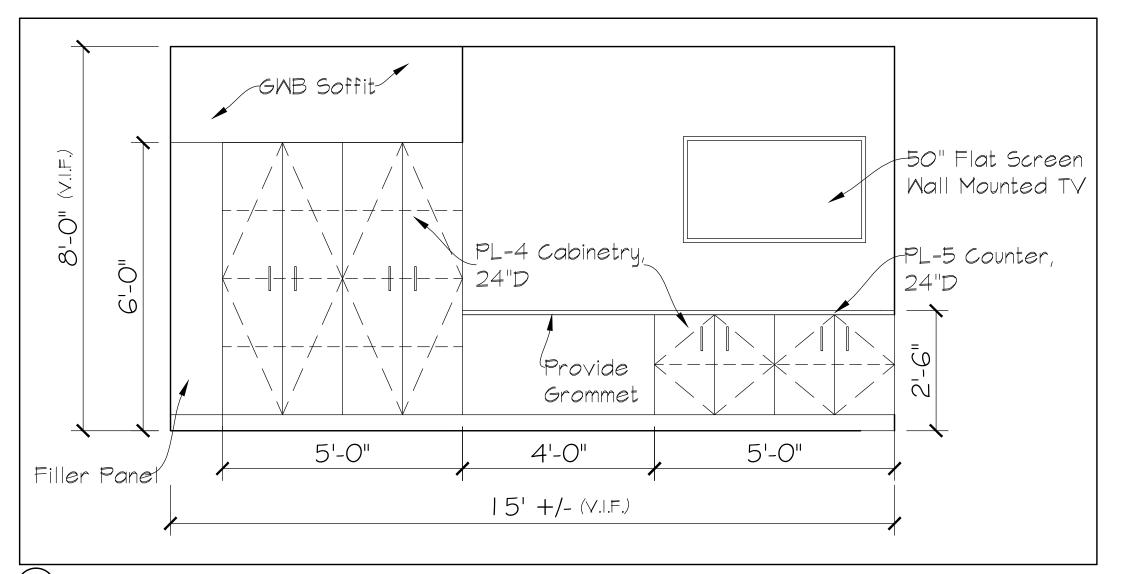
AACTIVITIES - STAFF AREA SCALE: ½"=1'-0"



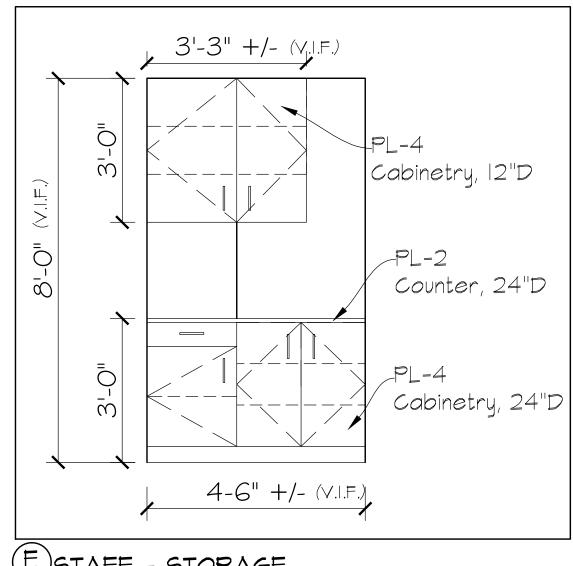
(B)ACTIVITIES - WORK AREA SCALE: ½"=1'-0"

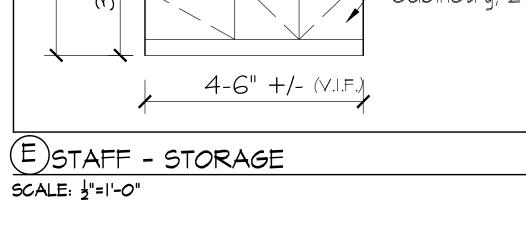


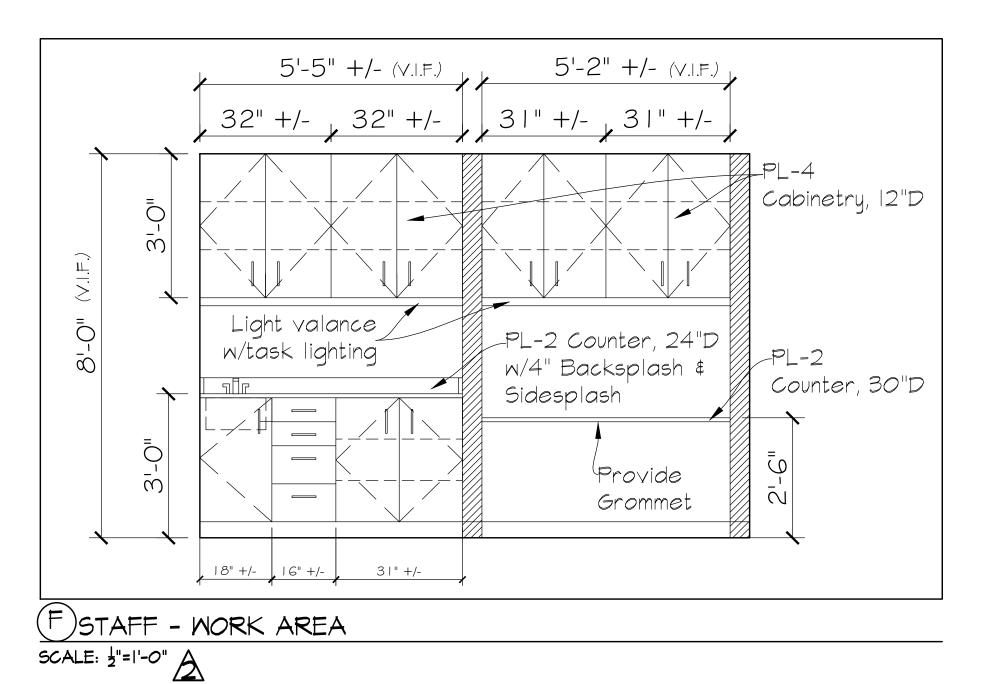
CACTIVITIES - STORAGE AREA SCALE: 3/8"=1'-0"

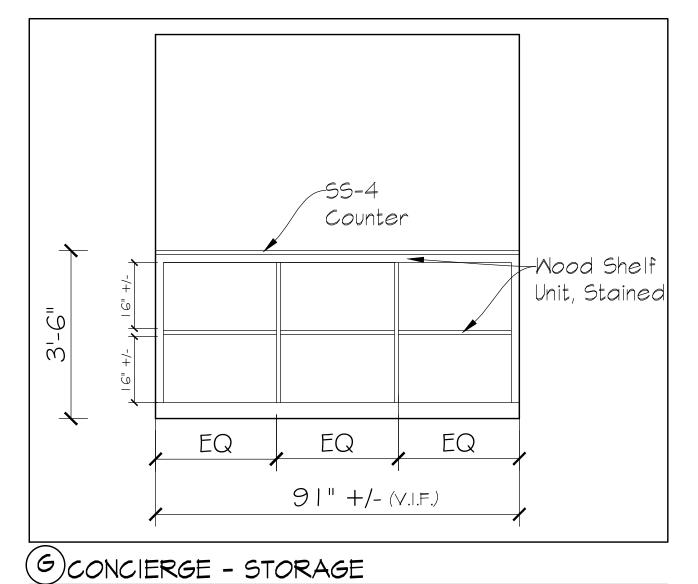


DACTIVITIES - MEDIA CENTER SCALE: ½"=1'-0"

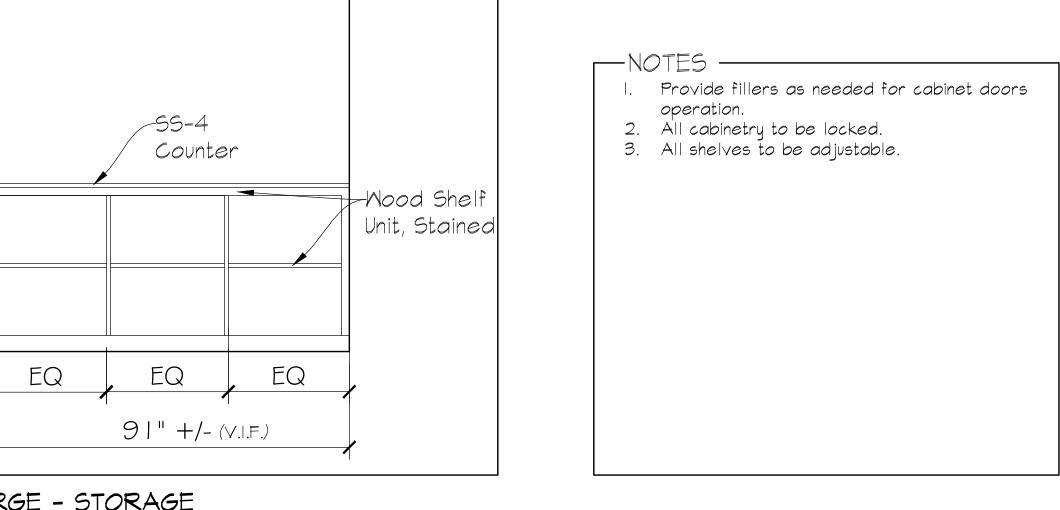




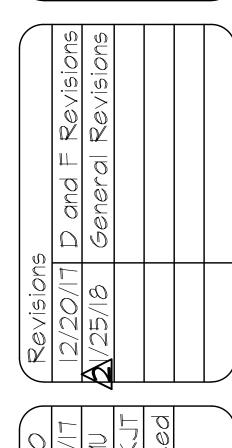




SCALE: 1 = 1'-0"



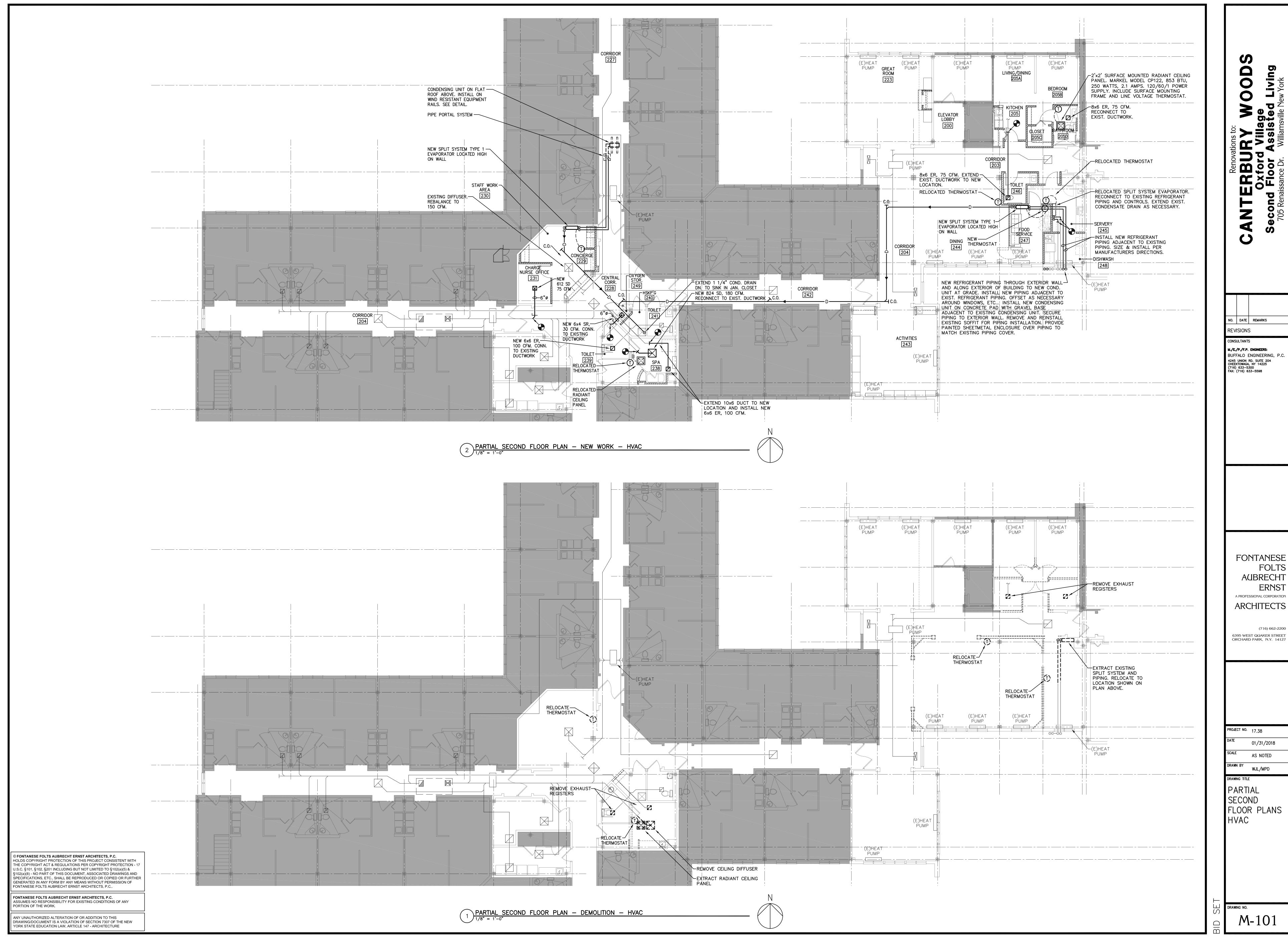




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Project #3330	Date: 12/14/17	Drawn By: JMU	Checked By: KJT	Scale: As Noted	.s <i>9</i> 10N	

Drawing Title Elevations

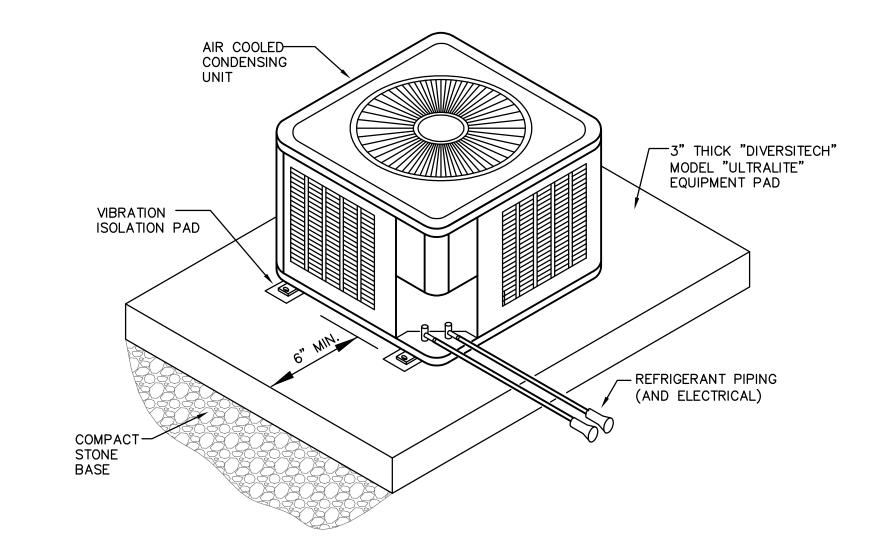
Drawing Number N-102 Sheet 3 of 3



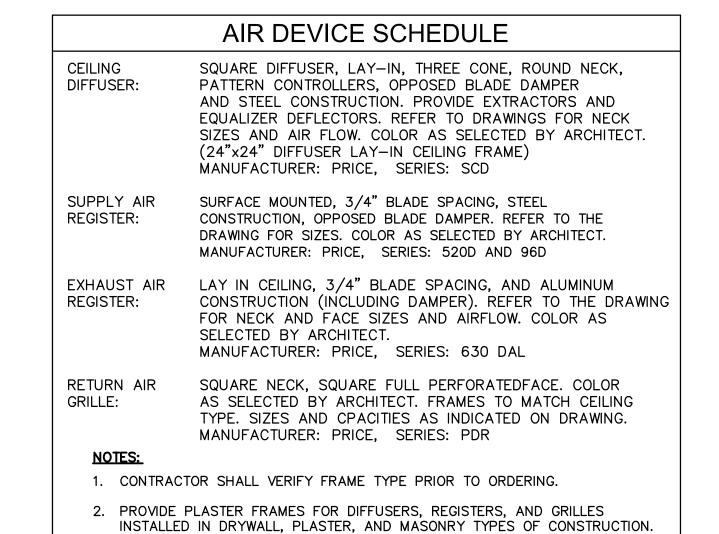
SPL	IT SYST	EM UNIT																	
TYPE	LOCATION				INDOOR	UNIT							OUTDOOR UNIT					MITSUBISHI MODEL	NOTES
									COOLING								INDOOR / OUTDOOR		
		UNIT TYPE	NUMBER OF EVAPORATORS	CFM	VOLTS	PHASE	FLA	мвн	мвн	EAT		VOLTS	PHASE	MCA	MFS	EAT			
								TOTAL	SENS.	DB	WB								
1	VARIES	WALL MTD.	1	280	208	1	1.0	12.0	9.7	80	67	208	1	13.0	15.0	95	15.2	PKA-A12HA4 / PUY-A12NHA4	1–3

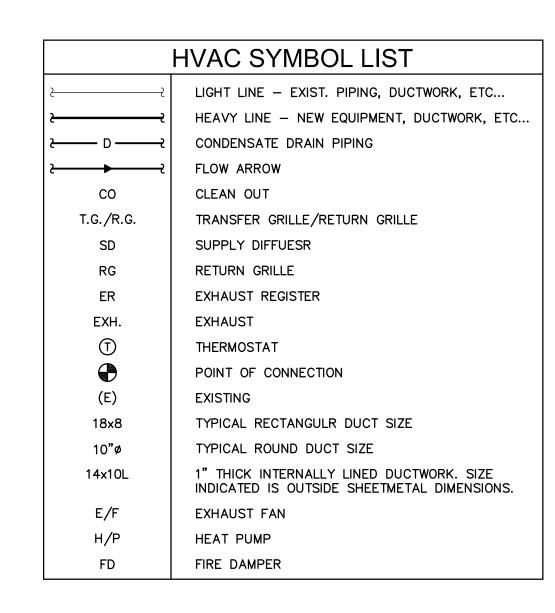
. INCLUDE WIND BAFFLES FOR LOW AMBIENT CONTROL.

INCLUDE INLINE CONDENSATE PUMP WITH BUILT IN CHECK VALVE. 3. SIZE & INSTALL REFRIGERANT PIPING PER MANUFACTURERS RECOMMENDATIONS. INSULATE PIPING PER SPECIFICATIONS.



CONDENSING UNIT AT GRADE INSTALLATION DETAIL SCALE: NONE





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0

NO. DATE REMARKS

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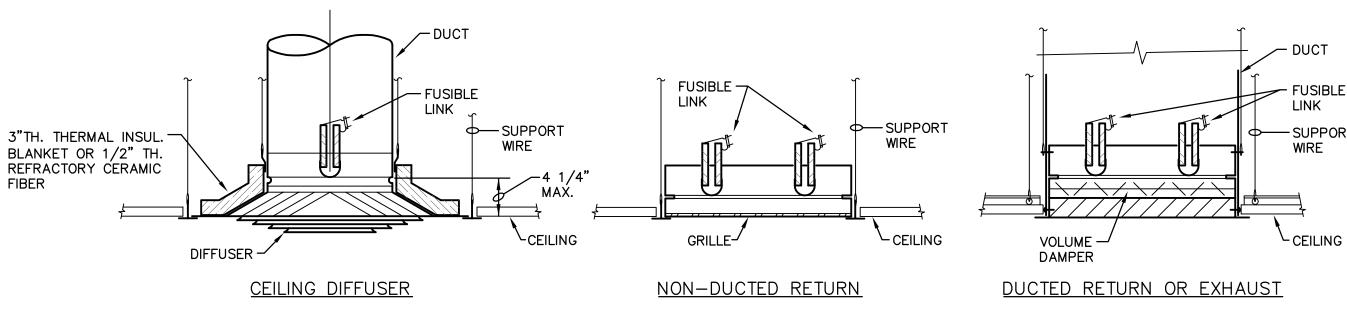
01/31/2018

AS NOTED

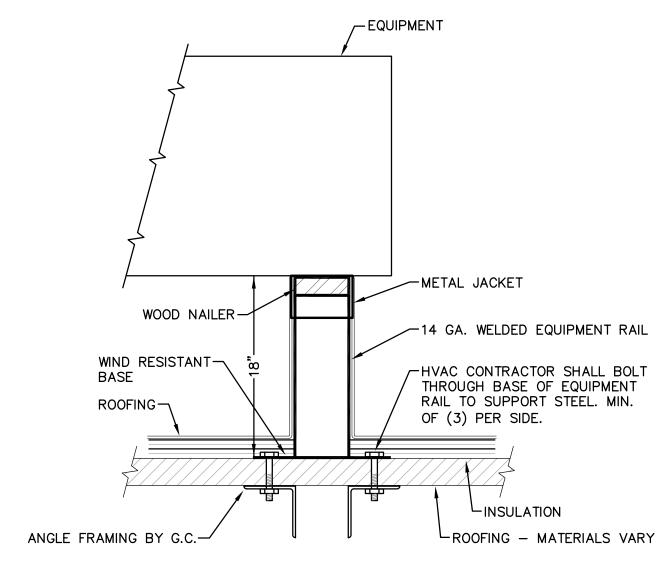
**ERNST** 

REVISIONS

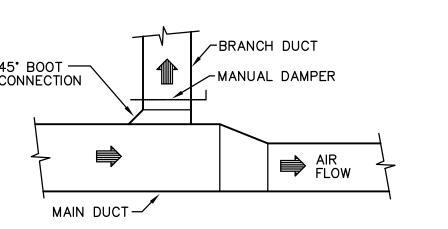
CONSULTANTS



FIRE DAMPER DETAILS AT CEILING PENETRATIONS - 2 HOUR RATING SCALE: NONE



WIND RESISTANT EQUIPMENT RAIL DETAIL SCALE: NONE



### TYPICAL DUCT CONNECTION SCALE: NONE

NOTE:
AIR FLOW FOR SUPPLY SYSTEM IS SHOWN.
AIR FLOW FOR RETURN & EXHAUST SYSTEMS

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M-102

		DRAINAGE		i	GE WATER		SCHEDULE
MARK	FIXTURE	SAN	VENT	CW	HW	G	MAKE AND MODEL AND ACCESSORIES
WC-1	WATER CLOSET (ADA) FLUSH TANK FLOOR MOUNT, ELONGATED WHITE VITREOUS CHINA	3"	2"	1/2"	_	_	KOHLER MODEL "CIMARRON" # K-3589, ADA HEIGHT, LEFT SIDE TRIP LEVER, 1.6 GPF, ELONGATED, AQUAPISTON FLUSH TECHNOLOGY. INCLUDES TANK COVER, TRIP LEVER, BOLT CAPS AND TANK ACCESSORY PACK. PROVIDE TRIP LEVER ON OPEN SIDE OF WATER CLOSE PROVIDE K-7637 ANGLE SUPPLY. PROVIDE SEAT - CHURCH MODEL #295SSCT.
L-1	LAVATORY (ADA) UNDER MOUNT — RECTANGULAR MANUAL FAUCET	2"	2"	1/2"	1/2"	_	DUPONT MODEL #8254 "CORIAN" LAVATORY. PROVIDE MOEN MODEL #WS84855 "WETHERLY" FAUCET, 1.2 GPM, LEVER HANDLES. PROVIDE HOT AND COLD WATER PIPING CONNECTION INCLUDING FLEX HOSE, VALVES AND ESCUTCHEON. MCGUIRE #167LK SUPPLIES AND #8912 P-TRAP, GRID STRAINER, TRU BRO TRAP WRAP.
S-1	SINK TOP MOUNT	2"	2"	1/2"	1/2"	_	ELKAY MODEL #LRADQ131655-CU, LUSTERTONE STAINLESS STEEL, SINGLE BOWL, TOP MOUN ADA, REAR CENTER DRAIN. CHICAGO FAUCET MODEL # 786-E3CP, GOOSENECK SPOUT, 8" FIXED CENTER, 2.2 GPM AERATOR, WRISTBLADE HANDLES. PROVIDE HOT AND COLD WATER CONNECTIONS AS REQUIRED. PROVIDE FLEX HOSE, VALVES, AND ESCUTCHEON. MCGUIRE 16 SUPPLIES.
S-2	SINK/WORKTABLE TOP MOUNT	2"	2"	1/2"	1/2"	_	ELKAY MODEL # LRAD172065PDSC, SINGLE BOWL TOP MOUNT ADA, INCLUDES FAUCET # LK406GN14T4SC, AND PERFECT DRAIN # LKPD1 WITH STRAINER. PROVIDE FLEX HOSE, VALVES, AND ESCUTCHEON. MCGUIRE 167LK SUPPLIES. PROVIDE CORRECT ORIENTATION.
SH-1	SHOWER	2"	2"	1/2"	1/2"	_	SYMMONS MODEL # 4505 "CANTERBURY" SHOWER SYSTEM, ADA, 2.5GPM, SYMMONS "TEMPTROL" PRESSURE BALANCING MIXING VALVE MODEL # 4000—BODY AND DUAL OUTLED DIVERTER MODEL # 2DIV—BODY, WITH SHOWER WAND. FREEDOM MODEL # APF6232BFPANC ADA COMPLIANT ONE PIECE SHOWER PAN, 62"X32", 3 BARRIER FREE, TEXTURED FLOOR, CENTER DRAIN.
ST-1	SOAKING TUB	2"	2"	3/4"	3/4"	_	AMERICAN STANDARD MODEL # 32520D.109.CXX WALK—IN BATH PREMIUM SERIES, 32"X52" GELCOAT, COMBINATION SOAKER TUB, WHIRLPOOL MASSAGE, AIR SPA SYSTEM, AND CHROMATHERAPY LIGHT SYSTEM, RIGHT SIDE DRAIN.
TP	TRAP PRIMER	_	_	_	_	_	PRECISION PLUMBING PRODUCTS #P-1 BRONZE BODY WITH VACUUM BREAKER.
WH-1	NON-FREEZE WALL HYDRANT	-	-	3/4"	-	-	JAY R. SMITH MODEL # 5509QT BRONZE NICKEL PLATED QUARTER TURN SELF DRAINING NON-FREEZE HYDRANT WITH HOSE CONNECTION, INTEGRAL VACUUM BREAKER, "T" HANDLE KEY, AND STAINLESS STEEL BOX FULL 180° COVER OPENING, CYLINDER LOCK, CHROME PLATED, NSF/ANSI STANDARD 61.
FD-1	FLOOR DRAIN	4"	_	_	_	_	WATTS MODEL # FD-100-A EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANG 4", NO HUB, 6" DIAMETER NICKEL BRONZE STRAINER, WITH SEDIMENT BUCKET, VANDAL PROOF, TRAP PRIMER TAPPING.
FD-2	FLOOR DRAIN - SHOWER	4"	_	_	_	_	WATTS MODEL # FD-100-L5, EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, 2" NO HUB, 5"SQUARE NICKEL BRONZE STRAINER, WITH SEDIMENT BUCKET, VAND PROOF, TRAP PRIMER TAPPING.
FS-1	FLOOR SINK	4"	_	_	_	_	WATTS MODEL # FS-730-6, WHITE PORCELAIN ENAMEL COATED FLOOR SINK, 4" OUTLET, VANDAL PROOF, NO HUB, WITH CAST IRON GRATE AND ALUMINUM DOME BOTTOM STRAINEI
FCO	FLOOR CLEAN OUT	_	_	_	_	_	WATTS MODEL # CO-1200-R, EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5" ROUN ADJUSTABLE GASKETED HEAVY DUTY STAINLESS STEEL TOP, REMOVABLE GAS TIGHT GASKI BRASS CLEANOUT PLUG, AND NO HUB OUTLET, VANDAL PROOF.
WCO	WALL CLEANOUT	_	_	_	_	_	WATTS MODEL # CO-440-RD WALL CLEANOUT WITH TWO-PIECE EXPANDABLE CLEANOUT F STAINLESS STEEL ACCESS COVER, AND VANDAL PROOF STAINLESS STEEL SCREW.
GI-1	GREASE INTERCEPTOR	2"	2"	_	_	_	WATTS MODEL # WD-15, 15 GPM FLOW RATE, 2" INLET AND OUTLET, EPOXY COATED STEE WITH SKID-PROOF COVER, DEEP SEAL TRAP, AND NO HUB CONNECTION.

MANUFACTURERS LISTED ABOVE WERE USED FOR BASIS OF DESIGN. REFER TO DRAWINGS FOR ADDITIONAL REQUIRED ITEMS.

	PIPING MATERIAL SCHEDULE							
	SERVICE	PIPE MATERIALS	FITTINGS CONNECTION					
	ABOVE GROUND	TYPE "L" COPPER/PEX-A	WROUGHT COPPER	NO-LEAD SOLDER/COMPRESSION JOINTS				
WATER	BELOW GROUND	TYPE "K" COPPER	TYPE "K" COPPER	BRAZED OR COMPRESSED JOINTS				
	SANITARY	SEE SPECIFICATIONS	NO HUB OR HUB AND SPIGOT	SEE SPECIFICATIONS				
	VENT	SEE SPECIFICATIONS	NO HUB OR HUB AND SPIGOT	SEE SPECIFICATIONS				
	STORM	SEE SPECIFICATIONS	NO HUB OR HUB AND SPIGOT	SEE SPECIFICATIONS				
GAS	2" AND UNDER	SCHEDULE 40 BLACK STEEL	MALLEABLE IRON	THREADED				
GAS	OVER 2"	SCHEDULE 40 BLACK STEEL	BUTT WELDED STEEL	WELDED				
PIP	ING INSULATION S	CHEDULE	GENERAL NO	TES:				

### INSULATE THE FOLLOWING:

WITH VAPOR BARRIER.

- A. HOT WATER PIPING
- B. COLD WATER PIPING
- C. LAVATORY TRAP AND WATER SUPPLIES (ON HANDICAPPED INSTALLATION).
- D. ROOF DRAINAGE (ROOF DRAIN & ALL HORIZONTAL STORM WATER).

INSULATION PRODUCTS AND INSTALLATION SHALL COMPLY WITH ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

HOT WATER PIPING INSULATION SHALL BE PREFORMED, SNAP—ON FIBERGLASS INSULATION WITH PAINTABLE WHITE KRAFT OR ALUMINUM FOIL JACKET. DOMESTIC COLD WATER AND ROOF DRAINAGE INSULATION SHALL BE SIMILAR TO HOT WATER

INSULATION	THICKNES	SS SC	HEDU!	LE			
	INSULATION THICKNESS						
SERVICES	CONDUCTIONS ( <u>BTU*IN</u> ) h*ft^2*下)	1" AND LESS	1" TO 1-1/2"	1-1/2" TO 4"			
<40°F	0.20-0.26	0.5	1.0	1.0			
40-60°F	0.21-0.27	0.5	0.5	1.0			
105-140°F	0.21-0.28	1.0	1.0	1.5			

- A. BACKFILLING REQUIREMENTS WITHIN BUILDING: (CONTRACTOR'S RESPONSIBILITY) SUPPORT BURIED PIPING THROUGHOUT ITS ENTIRE LENGTH. WHERE TRENCHES ARE EXCÁVATED SUCH THAT THE BOTTOM OF THE TRENCH FORMS THE BED FOR THE PIPE, SOLID AND CONTINUOUS LOAD BEARING SUPPORT SHALL BE PROVIDED BETWEEN JOINTS. BACKFILL SHALL BE FREE FROM DISCARDED CONSTRUCTION MATERIAL AND DEBRIS. CHECK AND COMPLY WITH LOCAL AND FEDERAL BUILDING CODE REQUIREMENTS.
- B. EXISTING UTILITIES SHOWN WERE TAKEN FROM EXISTING DRAWINGS, NOTES AND SURVEYS. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF INVERTS OF EXISTING UTILITIES PRIOR TO ANY NEW CONSTRUCTION.
- C. THIS CONTRACTOR TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED TO PERFORM ALL WORK SHOWN WITH THE PROPER AUTHORITIES.
- D. REFER TO ARCHITECTURAL SITE PLANS AND LANDSCAPE DRAWINGS FOR AREAS OF GRADING, SIDEWALKS, DRIVES, ETC.
- E. ALL PIPING UNDER PAVED AREAS TO BE BACKFILLED WITH SELECT FILL.
- F. COORDINATE WITH OWNER PRIOR TO MAKING ANY SHUTDOWNS OF EXISTING SERVICES TO LIMIT DISTURBANCES TO BUILDING OPERATION.
- G. PROVIDE FINAL CONNECTION TO ALL FIXTURES AND EQUIPMENT INCLUDING ALL REQUIRED VALVES, TRAPS, SUPPLIES, REDUCERS, ETC.
- H. FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, FLOORS AND CEILING WITH APPROVED FIRESTOP SEALANT.
- I. PROVIDE CLEANOUTS AT BASE OF RAIN WATER LEADERS.

SHOCK	ABSORBER	SCHEDULE
P.D.I. UNITS	FIXTURE UNITS	PIPE SIZE
Α	1 – 11	1/2"
В	12 - 32	3/4"
С	33 - 60	1"
D	61 - 113	1-1/4"
E	114 – 154	1-1/2"
F	155 – 330	2"
·		

CW	CW	COLD WATER			REMOVE PIPING TO THIS POINT
—— нw ———	—— нw	HOT WATER	•		CONNECT NEW TO EXISTING
RHW		RECIRCULATING HOT WATER	<b>+</b> -	WH	WALL HYDRANT (EXTERIOR)
SAN-	——— SAN	SANITARY SEWER (BELOW FLOOR)		НВ	HOSE BIBB
SAN	—— SAN	SANITARY SEWER (ABOVE FLOOR)	X	— SA	SHOCK ABSORBER (SIZE PER PDI)
st	ST	STORM SEWER (BELOW FLOOR)		VTR	VENT THRU ROOF
ST	——— SAN	STORM SEWER (ABOVE FLOOR)		PDI	PLUMBING DRAINAGE INSTITUTE
V	v	VENT		CFH	CUBIC FEET PER HOUR
G	G	GAS		FAI & HT	FRESH AIR INLET AND HOUSE TRAP
		SHUT OFF VALVE	<b>©</b>	— RD	ROOF DRAIN
<del>-</del>		CHECK VALVE	•	<del>-</del> FCO	FLOOR CLEANOUT
<del></del>		GAS VALVE (AGA APPROVED)	+	<del>-</del> co	CLEANOUT
· 		SOLENOID VALVE	<b>©</b> 5	<del>-</del> FD	FLOOR DRAIN
		UNION	<b>III</b> C	<del>-</del> FS	FLOOR SINK
<u>'</u>		STRAINER	E	_	CAP
⊗		BALANCING VALVE		TFA	TO FLOOR ABOVE
— ×		RPZ BACKFLOW PREVENTER		TFB	TO FLOOR BELOW
<u> </u>		WATER METER		FFA	FROM FLOOR ABOVE
				FFB	FROM FLOOR BELOW
				EX.	EXISTING

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**ARCHITECTS** 

6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

PROJECT NO. 17.38

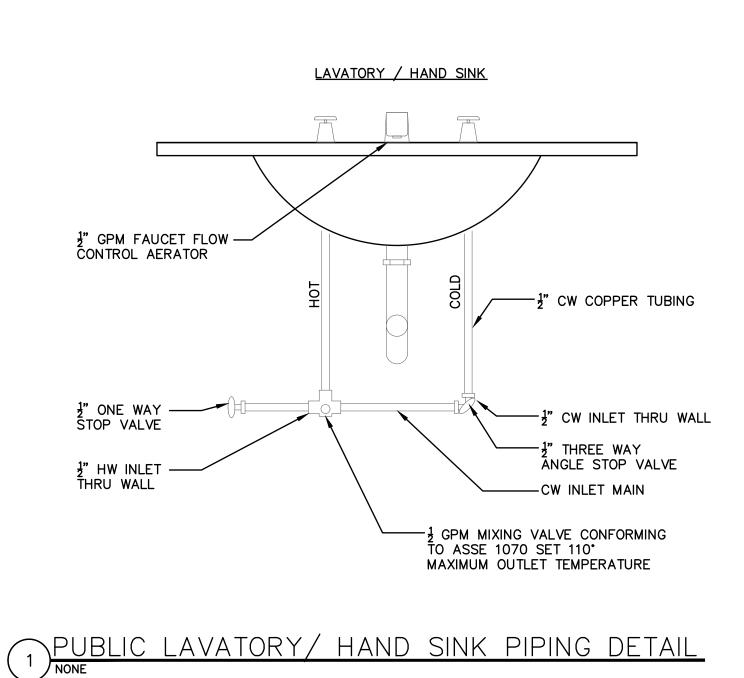
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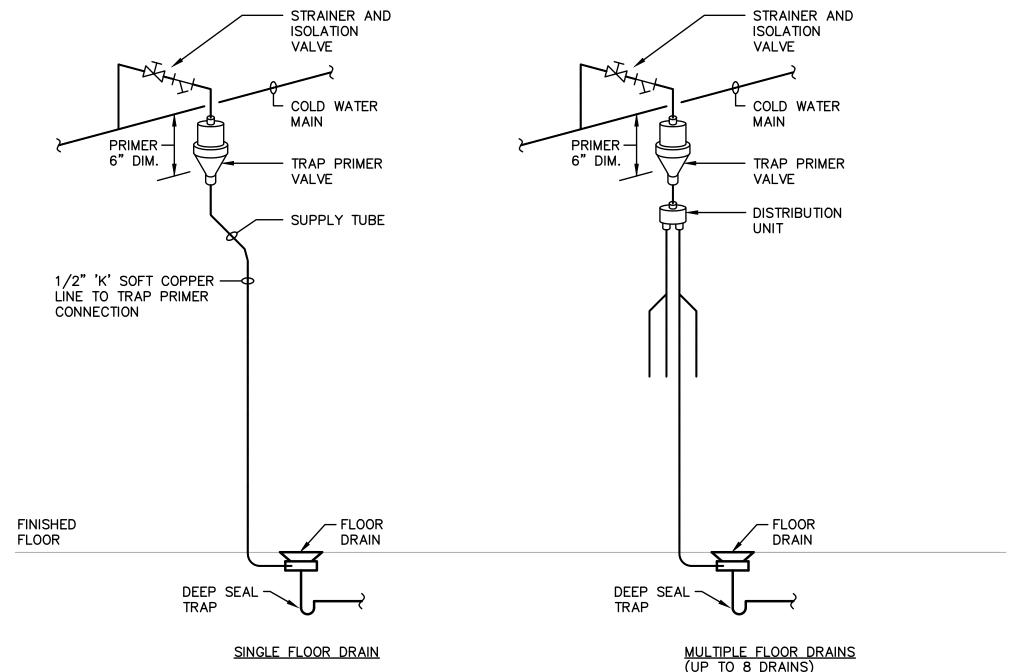
PLUMBING -LEGENDS & SCHEDULES

FOLTS

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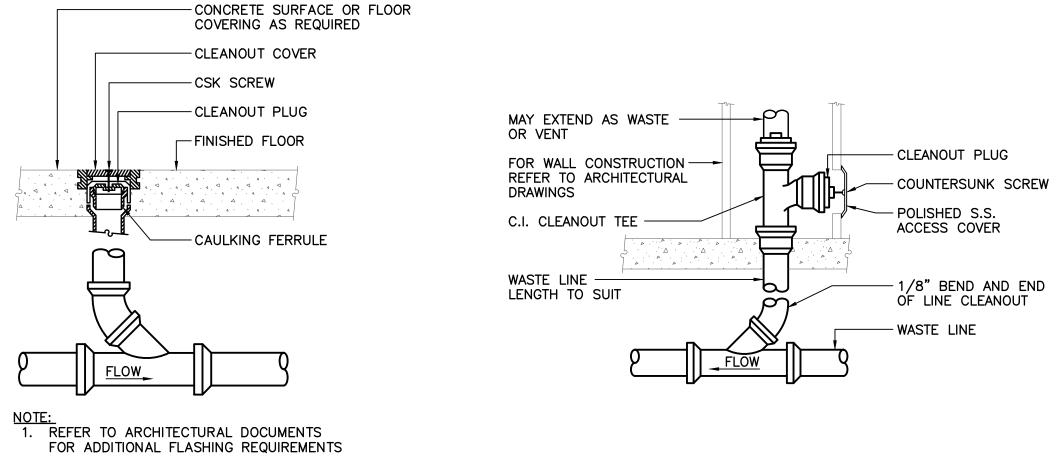
REVISIONS

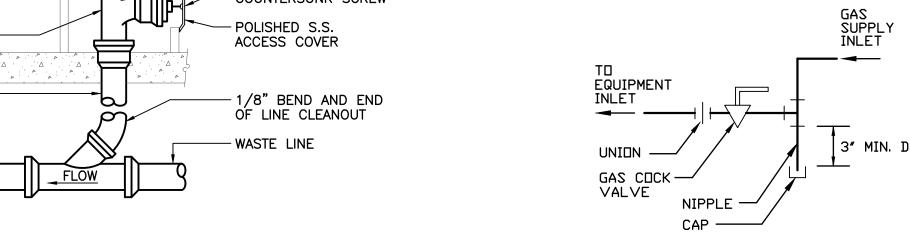


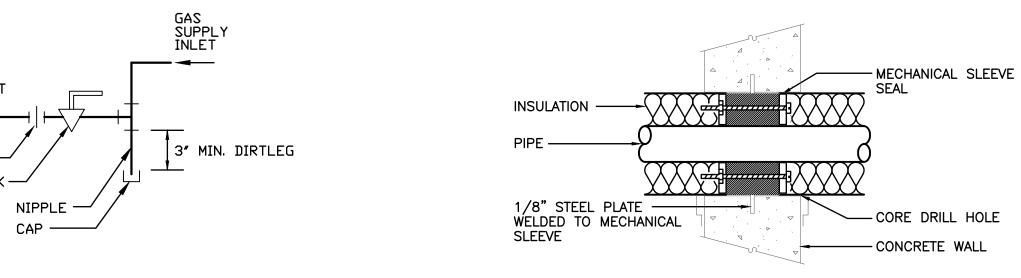


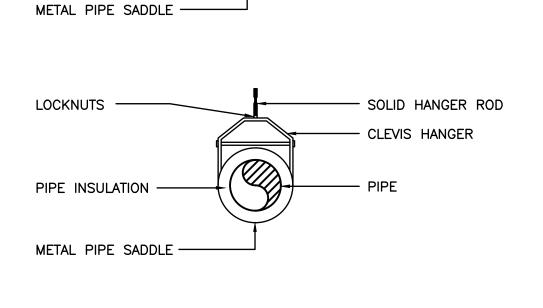
1. MOUNT PRIMER VALVE MIN. 1'-0" ABOVE FINISHED FLOOR FOR EVERY 20'-0" OF PRIMER LINE.

- PROVIDE ACCESS DOOR WHERE VALVE & DISTRIBUTION UNIT IS INSTALLED BEHIND WALL IN PLUMBING CHASE OR ABOVE DRYWALL/PLASTER CEILING.
- 3. CONCEAL ALL COMPONENTS OF TRAP PRIMER SYSTEM IN FINISHED SPACES. COMPONENTS MAY BE EXPOSED IN MECHANICAL EQUIPMENT ROOMS AS ACCEPTABLE TO THE ENGINEER.
- 3. PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS, INCLUDING, BUT NOT LIMITED TO FLOOR DRAINS, FLOOR SINKS, FLOOR TROUGHS, SHOWER DRAINS, MAT DRAINS, ETC.









IPS TRAP PRIMER TAPPING STANDARD

— C-CLAMP TO JOIST OR BEAM

PIPE INSULATION

LOCKNUTS

STRAPS

FLOOR CLEANOUT DETAIL
NONE

WALL CLEANOUT DETAIL

NONE

GAS CONNECTION DETAIL

NONE

7 PIPE SLEEVE DETAIL
NONE

FLOOR DRAIN -

TILE FLOOR -

WATERPROOF-MEMBRANE

STRUCTURAL

CAST IRON BODY-

NEOPRENE GASKET-

OUTLET TO P-TRAP-

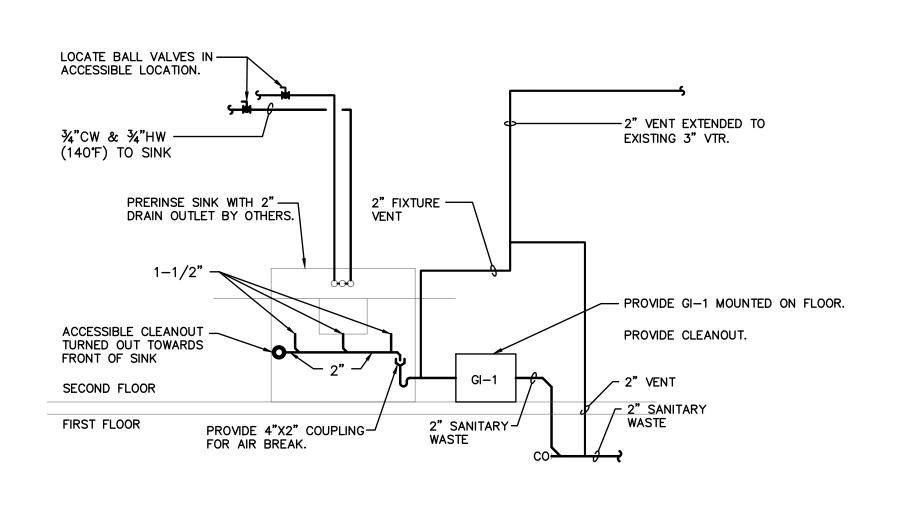
SOLID HANGER ROD ---

CLEVIS HANGER ---

CEMENT BED ---

SINGLE PIPE HANGER DETAIL

8 NONE



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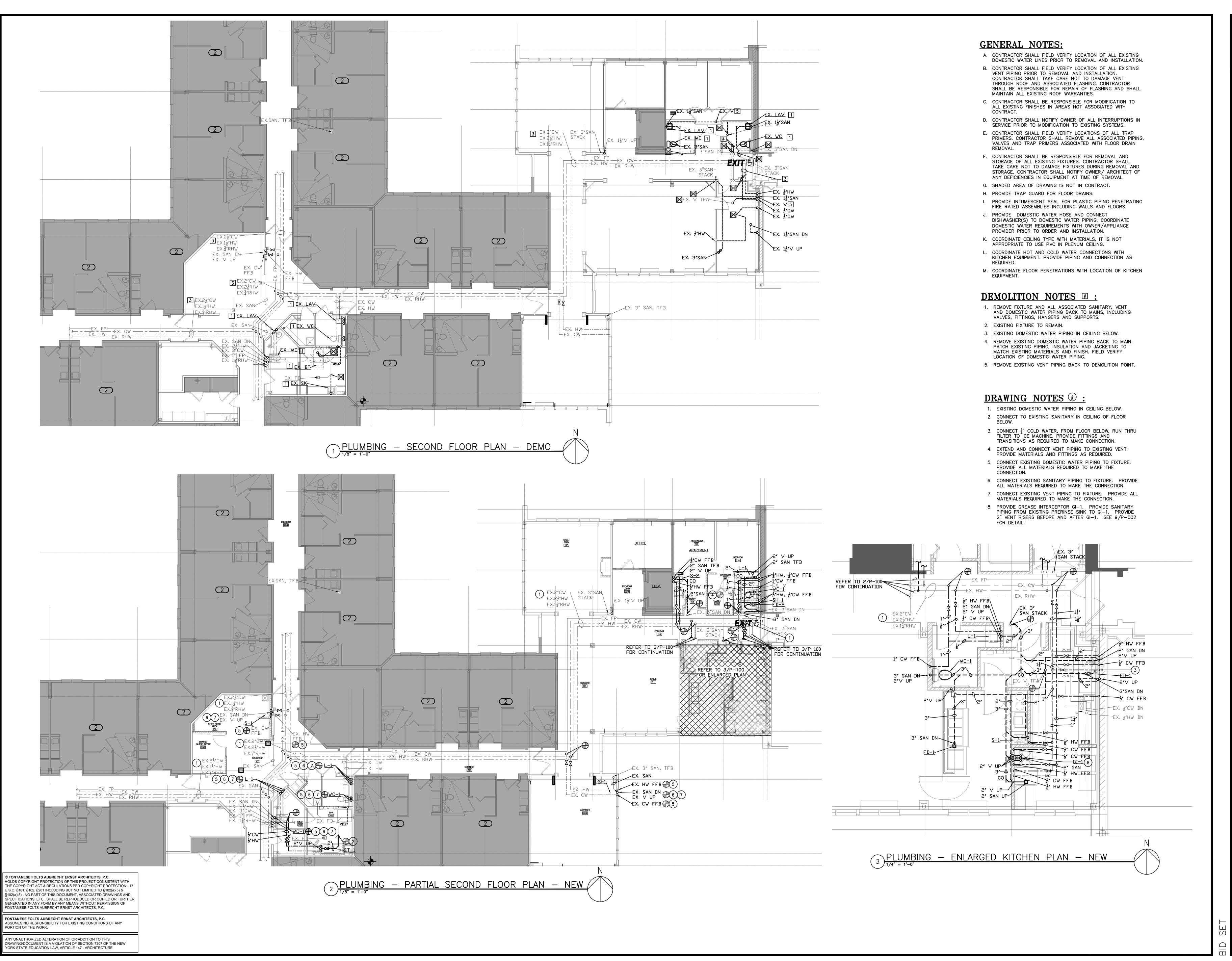
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PROJECT NO. 17.38

01/31/2018 AS NOTED



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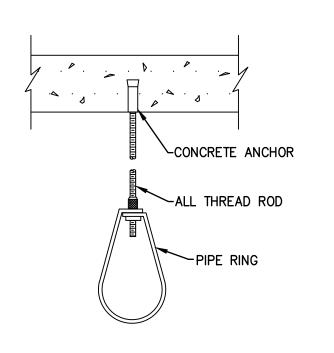
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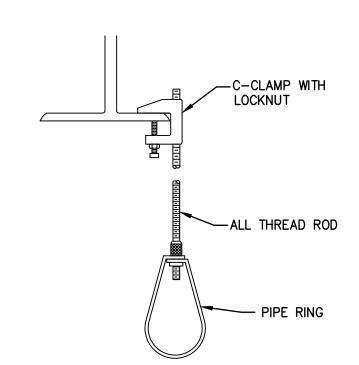
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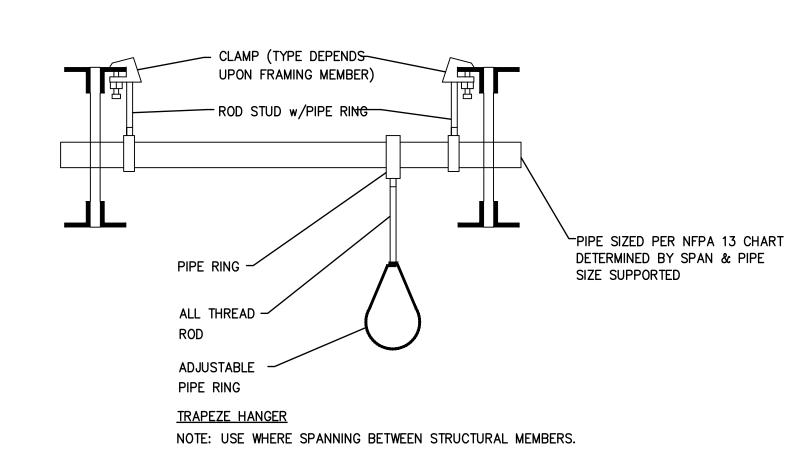
PROJECT NO. 17.38

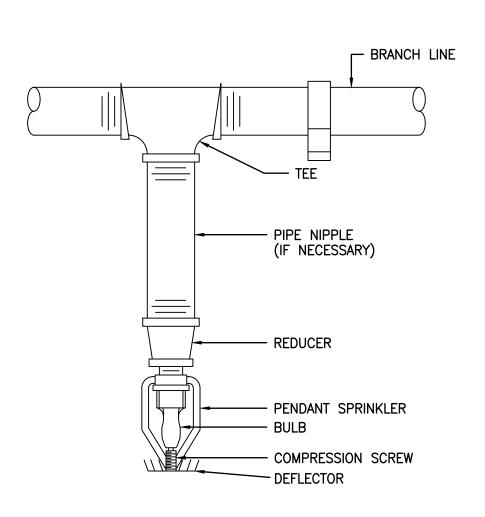
01/31/2018 as noted

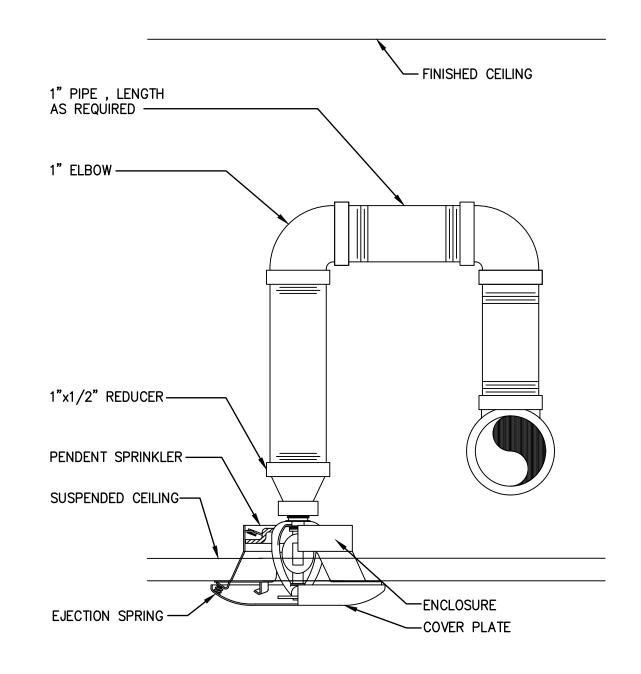
PLUMBING-PARTIAL SECOND FLOOR PLAN -DEMO











TYPICAL PENDANT SPRINKLER HEAD

### SPRINKLER SYSTEM DESIGN CRITERIA HAZARD DENSITY COVERAGE SPRINKLER TEMP. RATING SYSTEM AREA DESCRIPTION CLASS TYPE STREAM (GPM/SF) ORDINARY RESIDENTIAL AREAS, CORRIDORS, AMENITIES, 0.10 1500 SF 100 GPM ORDINARY AREA AND OFFICE AREA NFPA 13

### SPRINKLER NOTES:

- SPRINKLER HEADS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NFPA 13, 1999 EDITION, AND THE FIRE CODE OF THE STATE OF NEW YORK, 2015 EDITION AND IBC 2015.
- CONTRACTOR SHALL VERIFY WATER PRESSURES, DESIGN AND INSTALL A COMPLETE HYDRAULICALLY CALCULATED FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA AND LOCAL CODE REQUIREMENTS, AND SUBMIT PLANS TO LOCAL AUTHORITIES, ENGINEER AND OWNER FOR APPROVAL.
- SUBMITTED FIRE PROTECTION DRAWINGS AND HYDRAULIC CALCULATIONS SHALL BE PREPARED BY A NICET LEVEL 3 OR HIGHER UNDER THE DIRECTION OF REGISTERED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK STATE AND SHALL BE SIGNED AND SEALED. SUBMITTED HYDRAULIC CALCULATIONS SHALL SHOW A 10 PERCENT SAFETY FACTOR, AND THE CONTRACTOR SHALL VERIFY ALL FIRE PROTECTION PIPE SIZES THROUGHOUT THE BUILDING BY MEANS OF HYDRAULIC CALCULATIONS PRIOR TO ORDERING AND INSTALLATION OF SPRINKLER PIPING.
  - ALL MATERIALS AND EQUIPMENT USED SHALL BE UL LISTED AND FM APPROVED.
  - SPRINKLER HEADS SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE 1999 EDITION OF NFPA 13, AND SHALL BE UL LISTED AND FM APPROVED.
- FULLY TEST FINAL SYSTEM PER NFPA, LOCAL, STATE AND INSURANCE PROVIDER REQUIREMENTS.
- COORDINATE SPRINKLER HEAD PLACEMENT WITH CEILING GRID (WHERE APPLICABLE) AND ALL WORK OF THE OTHER TRADES.
- INSTALL ALL PIPING, EQUIPMENT, ETC. TO AVOID INTERFERENCE WITH THE OPERATION AND SERVICING OF ALL EQUIPMENT. DO NOT INSTALL ANYTHING 6 FT. ABOVE OR WITHIN 3 FT. IN FRONT OF ELECTRICAL GEAR.
- 9. FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, AND FLOORS WITH APPROVED FIRESTOP SEALANT.
- 10. LOCATE PIPING TO PREVENT FREEZING. DO NOT LOCATE ANY WET PIPING IN EXTERIOR WALLS OR IN UNHEATED SPACES.
- 11. CPVC SPRINKLER PIPING MAY BE USED WHERE ALLOWED BY NFPA AND THE LISTING DOCUMENTATION OF THE CPVC PIPING.
- 12. THE CONTRACTOR MUST COMPLY WITH ALL LOCAL CODES. ORDINANCE, AND OTHER REQUIREMENT FOR THE SPRINKLER SYSTEM DESIGN. THIS MAY INCLUDE PROVIDING SPRINKLERS FOR AREAS THAT ARE NOT INDICATED ABOVE.
- 13. ANY DEVIATION FROM THE REQUIREMENT LISTED IN THIS SCHEDULE SHOULD BE CLEARLY MARKED ON THE SPRINKLER DRAWING WITH THE RELEVANT CODE SECTION ALLOWING THE DEVIATION NOTED.
- 14. ALL SPRINKLER PIPING SHALL BE RUN TIGHT TO STRUCTURE ABOVE (OR INSIDE JOIST SPACE IF APPLICABLE).
- 15. SPRINKLERS MAY BE OMITTED IN THE ELEVATOR SHAFT IF THE ELEVATOR HOISTWAY IS NON-COMBUSTIBLE AND CONTAINS NO HYDRAULIC FLUID. THE ELEVATOR CAR MUST ALSO MEET THE REQUIREMENTS OF ASME A17.1.

	SPRINKLER SCHEDULE								
SYMBOL DESCRIPTION MODEL TEMP. K-FACTOR LOCATIONS									
•	PENDENT QUICK RESPONSE	TYCO-RAPID RESPONSE SIN# TY3934 FINISH SPECIFIED BY ARCHITECT	LIGHT/ 5.6K	HALLWAYS, LOBBY, OFFICES, TOILET ROOMS, BEDROOMS, DINING ROOMS, ACTIVITY ROOM.					

PROVIDE SPRINKLERS IN COMPLIANCE WITH NFPA-13 (2013) TABLE 6.2.5.1 PROVIDE W-TYPE 6 SPRINKLER WRENCH.

LIGHT HAZARI SCHEDULE						
1 IN.	2 SPRINKLERS					
1-1/4 IN.	3 SPRINKLERS					
1-1/2 IN.	5 SPRINKLERS					
2 IN.	10 SPRINKLERS					
2-1/2 IN.	30 SPRINKLERS					

PIPE MATERIAL SCHEDULE								
SYSTEM TYPE	PIPE MATERIAL	FITTINGS	CONNECTION					
WET PIPE SYSTEM	ASTM A53, GRADE B SCHEDULE 40 BLACK STEEL	MALLEABLE IRON	THREADED, FLANGED, OR ROLLED GROOVED ENDS					
WET PIPE SYSTEM	*SCHEDULE 40 CPVC	SCHEDULE 40 CPVC	SOLVENT JOINTS					
DRY PIPE SYSTEM	ASTM A53, GRADE B SCHEDULE 40 HOT DIPPED GALVANIZED STEEL	HOT DIPPED GALVANIZED STEEL	THREADED, FLANGED OR ROLLED GROOVED ENDS					
* IN CONCEALED/PROTECTED LOCATIONS ONLY.								

FIRE DEPARTMENT CONNECTIONS							
SERVICE	TYPE	SIZE	QTY	GPM			
SPRINKLER INLET	SIAMESE	4" X 2-1/2" X 2-1/2"	1	250			

•	PENDENT SPRINKLER	AFF	ABOVE FINISHED FLOOR
0	UPRIGHT SPRINKLER	AFG	ABOVE FINISHED GRADE
<b>&gt;</b>	SIDEWALL SPRINKLER	BD BV	BALL DRIP BALL VALVE
•	DRY BARREL SIDEWALL SPRINKLER	DCDA DN	DOUBLE CHECK DETECTOR ASSEMB DOWN
×	ATTIC SPRINKLER	DV EA	DRAIN VALVE EACH
×	DRY BARREL PENDANT SPRINKLER	ELEC EQUIP FACP	ELECTRIC EQUIPMENT FIRE ALARM CONTROL PANEL
	BFP-1 BACKFLOW PREVENTER	FDC FP FS HV ITC NIC NTS PIV PSI	FIRE DEPARTMENT CONNECTION FIRE PROTECTION FLOW SWITCH HOSE VALVE INSPECTORS TEST CONNECTION NOT IN CONTRACT NOT TO SCALE POST INDICATOR VALVE POUNDS PER SQUARE INCH
THIS ONLY	: ABBREVIATIONS AND SYMBOLS ON DRAWING ARE FOR REFERENCE '. ALL SYMBOLS MAY NOT BE USED HE FOLLOWING DOCUMENTS.	SPKLR T TS VLV VIF VIR	SPRINKLER TEE TAMPER SWITCH VALVE VERIFY IN FIELD VALVE IN RISER

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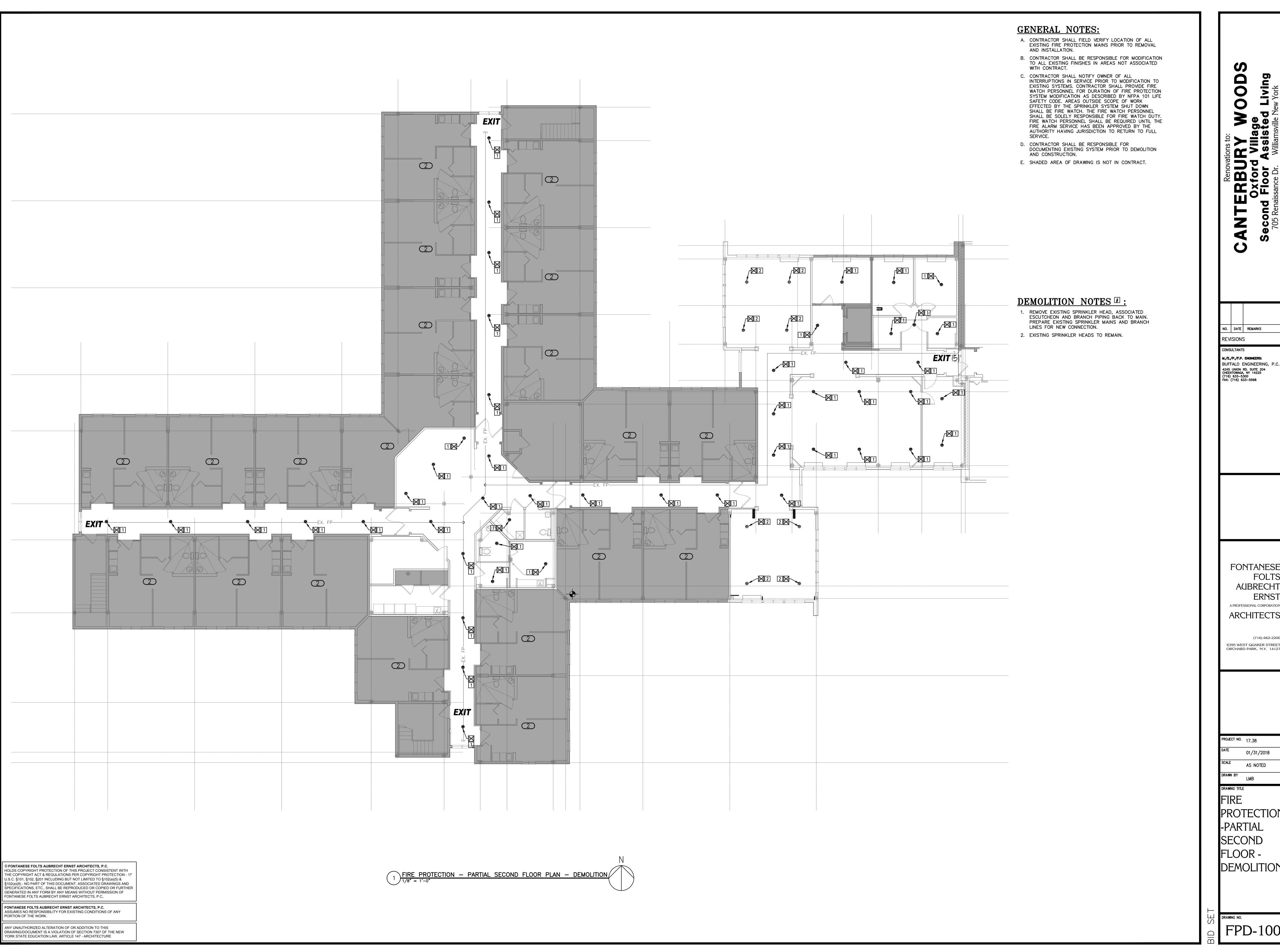
6395 WEST QUAKER STREET ORCHARD PARK, N.Y. 14127

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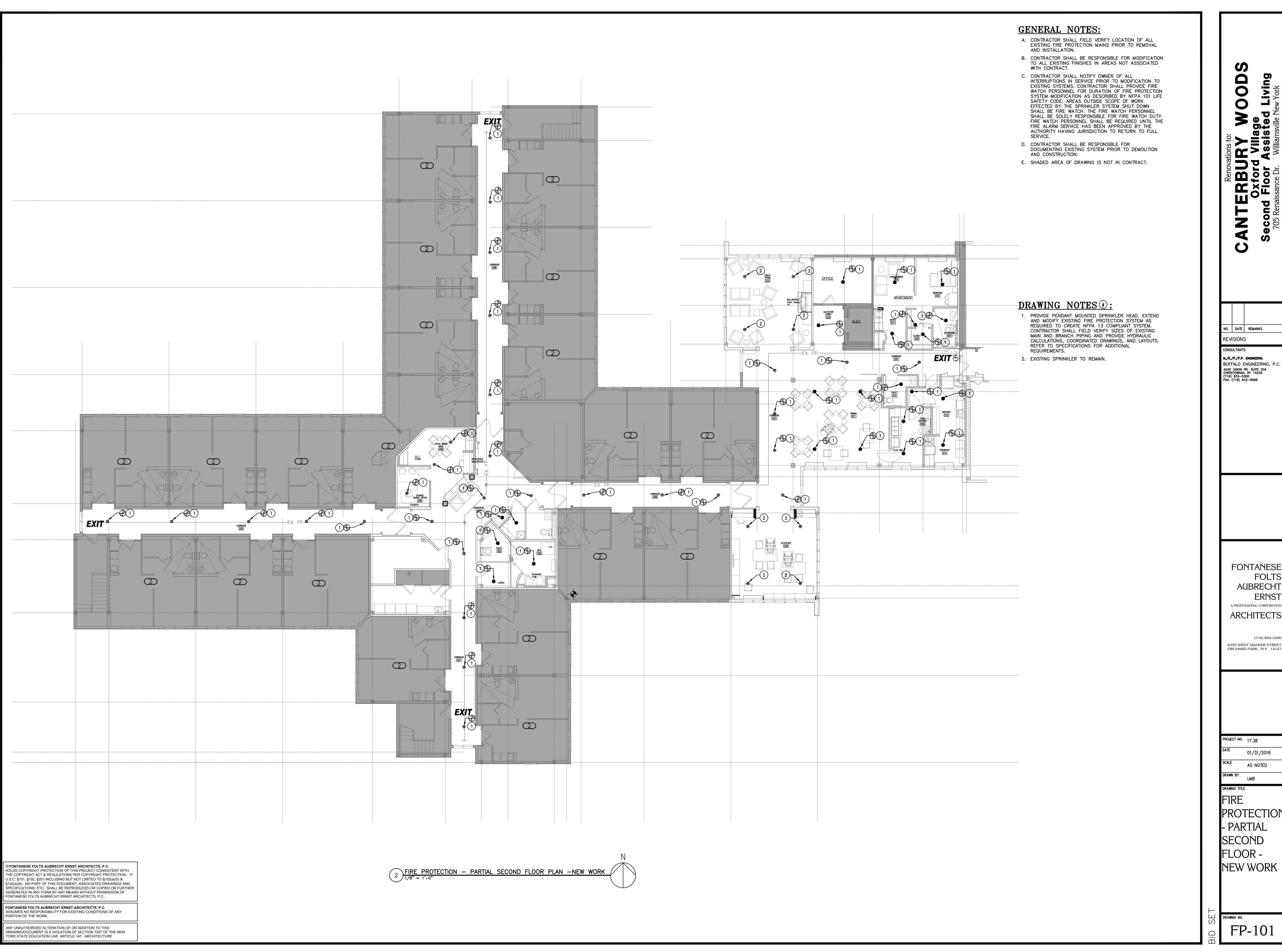
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6395 WEST QUAKER STREET

01/31/2018

→ O O GFI	DESCRIPTION  120 VOLT CIRCUIT HOMERUN, CIRCUIT CONCEALED IN CEILING OR WALL. "•" INDICATES GROUND WIRE.  208 VOLT CIRCUIT HOMERUN, CIRCUIT CONCEALED IN CEILING OR WALL. "•" INDICATES GROUND WIRE.	FIRE AL SYMBOL FACE	ARM SYSTEM DRAWING FO	OR MORE IN	RAM, DETAIL #1 ON THIS NFORMATION.		
P OC  OGFI	120 VOLT CIRCUIT HOMERUN, CIRCUIT CONCEALED IN CEILING OR WALL. "●" INDICATES GROUND WIRE.  208 VOLT CIRCUIT HOMERUN, CIRCUIT CONCEALED IN CEILING		DESCF				
P oc P ffi	208 VOLT CIRCUIT HOMERUN, CIRCUIT CONCEALED IN CEILING	[FACD]	1	RIPTION			
#		[ [ ACP	EXISTING NOTIFIER FIRE ALARM CO	NTROL PAN	EL		
— • — • — • — • — • — • — • — • — • — •		NEW CEILING MOUNTED SMOKE DETECTOR—MATCH EXISTING FIRE ALARI DEVICES (MANUFACTURER—NOTIFIER)					
ОС  Ф GFI	BRANCH CIRCUIT HOMERUN, CIRCUIT CONCEALED IN FLOOR	(H)	NEW CEILING MOUNTED HEAT DETECTOR—MATCH EXISTING FIRE ALARM				
P oc	INDICATES CONDUIT TO STUB UP.	DEVICES (MANUFACTURER-NOTIFIER)					
₩ °C   <b>O</b> GFI	INDICATES CONDUIT TO RUN BELOW GRADE.	F					
<b>P</b> GFI WP	20A, 120V, FLUSH MOUNTED DUPLEX RECEPTACLE, COLOR PER ARCHITECT'S DIRECTION. SUBSCRIPT 'OC' — MOUNT RECEPTACLE ABOVE COUNTER BACKSPLASH.	ÞĒ	NEW FIRE ALARM SPEAKER/STROBI DEVICES (MANUFACTURER-NOTIFIER		XISTING FIRE ALARM		
	20A, 120V, FLUSH MOUNTED GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE, COLOR PER ARCHITECT'S DIRECTION. 'WP' IF PRESENT, INDICATES WEATHER— RESISTANT TYPE GFCI RECEPTACLE	V	NEW FIRE ALARM VISUAL STROBE— DEVICES (MANUFACTURER—NOTIFIER		STING FIRE ALARM.		
•••	WITH CAST—ALUMINUM LOCKABLE WEATHERPROOF—IN—USE COVER.  20A, 120V, FLUSH MOUNTED QUAD PLEX RECEPTACLE, COLOR PER	SD <sup>ER</sup>	EXISTING RELOCATED CEILING SMOI	KE DETECTO	DR .		
777	ARCHITECTS DIRECTION.  SPECIAL PURPOSE DUPLEX RECEPTACLE, PROVIDE AS SPECIFIED.	₩ER	EXISTING RELOCATED FIRE ALARM	AUDIO/VISU	JAL STROBE		
•	MATCH CONFIGURATION OF CORD AND PLUG SUPPLIED WITH EQUIPMENT.	DR	PROVIDE 24V POWER CONNECTION BY DOOR HARDWARE SUPPLIER, W		•		
OR JB	JUNCTION BOX, CEILING OR WALL MOUNTED, SIZE PER NEC	SS	SINGLE STATION 120VAC SMOKE ALAR INTERCONNECTION CAPABILITY AND BA OR APPROVED EQUAL.				
<del>-</del>	MOTOR CONNECTION - REFER TO DRAWING NOTES.	IM	FIRE ALARM ADDRESSABLE INTERF	ACE/MONIT	OR MODULE		
33P <sub>F</sub> WP	250 VAC DISCONNECT SWITCH, LEFT NUMERAL INDICATES AMPERE RATING RIGHT NUMERAL INDICATES NO. OF POLES, HEAVY DUTY TYPE, LETTER 'F' INDICATES FUSED. WP INDICATES NEMA 3R	R	FIRE ALARM RELAY				
	ENCLOSURE REQUIRED.		LIGHTING CON	MTROL			
\$⊤	120V THERMAL OVERLOAD DISCONNECT SWITCH	<b>\$</b> lla,b	TOGGLE SWITCH, 1 POLE, ROMAN NUMERALS INDICATE NO. OF GANGS & SMALL CASE LETTERS INDICATE SWITCH LEG CONTROL				
_	208Y/120V PANELBOARD, REFER TO PANEL SCHEDULES	<b>\$</b> 3	3-WAY WALL MOUNTED TOGGLE SWITCH				
	E.C. SHALL MAKE COMPLETE 120V CONNECTION TO EQUIPMENT  E.C. SHALL MAKE COMPLETE 208V CONNECTION TO EQUIPMENT	AUTO OFF): WATT STOPPER #DT-305 SERIES OF					
	NICATIONS	♦	LOW VOLTAGE MOMENTARY SWITCH VACANCY SENSORS, WATTSTOPPER VACANCY SENSOR WIRING DETAIL;	#DCC2 OR	R EQUAL. REFERENCE		
$\nabla$	WALL BOX DATA/COMM. OUTLET, +18" A.F.F., UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUIT W/ BUSHINGS AND PULLSTRING STUBBED UP INTO CEILING CAVITY.	OS VS	DUAL TECHNOLOGY (PIR/ULTRASONIC) WALL SWITCH 120VAC OCCUPANCY/VACANCY SENSOR ("OS" = AUTO ON, AUTO OFF, "VS" = MANUAL ON, AUTO OFF) WITH 15 MINUTE TIME DELAY, 300 SQ. FT. COVERAGE, WATTSTOPPER DW-100 SERIES OR EQUAL.				
TV	TV LOCATION, CABLE TV OUTLET , +18" A.F.F. UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUIT W/ BUSHINGS AND PULLSTRING STUBBED UP INTO CEILING CAVITY.	0	0-10V DIMMER SWITCH - LUTRON COMPATIBILITY WITH 0-10V DIMMIN PROVIDE 0-10V CONTROL WIRING	'DIVA' OR G DRIVERS	APPROVED EQUAL. VERIFY PRIOR TO PURCHASING.		
	ENCY RESPONSE SYSTEM ERGENCY RESPONSE SYSTEM NOTES BELOW FOR MORE INFORMATION.	RC	DLM ROOM CONTROLLER — REFER TO ROOM CONTROLLER WIRING DETAIL #1 ON DRAWING E-002.				
N1	WIRELESS EMERGENCY RESPONSE PULL STATION AS MANUFACTURED BY RESPONSE CARE. MOUNT 44" A.F.F. TO CENTER — COORDINATE IN FIELD	<b>6</b>	DLM VACANCY SENSOR — REFER TO ROOM CONTROLLER WIRING DETAIL #1 ON DRAWING E-002.				
	WITH THE OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.	SW	DLM 3-BUTTON WALL SWITCH - REFER TO ROOM CONTROLLER WIRING DETAIL #1 ON DRAWING E-002.				
EMERO	GENCY RESPONSE SYSTEM NOTES:		ABBREVIATIO	 SNC			
	RACTOR TO RELOCATE EXISTING DEVICES, AND PROVIDE NEW	A	AMPERE	IG	ISOLATED GROUND		
	GENCY PULL CORD STATIONS AS INDICATED ON THE DRAWINGS.	AC	ALTERNATING CURRENT	J-BOX	JUNCTION BOX		
INTEGF	PULL CORD DEVICES SHALL BE RESPONSE CARE' #BP-7R, WITH RAL PLASTIC FACE PLATE, LOCKING CALL SWITCH WITH 5 FT.	AFCI	ARC-FAULT CIRCUIT-INTERRUPTER		KILOWATT		
	N PULL CORD, TAMPER PROTECTION, BATTERIES, AND RED CALL ATOR LED.	AFF AFG	ABOVE FINISHED FLOOR  ABOVE FINISHED GRADE	LV M.C.	LOW VOLTAGE  MECHANICAL CONTRACTO		
	RACTOR SHALL PROVIDE A NON-METALLIC RECESSED BACK-BOX	AWG	AMERICAN WIRE GAUGE	NIC	NOT IN CONTRACT		
FOR M	MOUNTING OF EACH PULL CORD STATION. COORDINATE EXACT	C/W	COMPLETE WITH	OC	OVER COUNTER		
	TIONS AND MOUNTING HEIGHTS WITH THE OWNER'S REPRESENTATIVE TO PERFORMING ANY WORK.	DC	DIRECT CURRENT	P.C.	PLUMBING CONTRACTOR		
D. CONTR	RACTOR SHALL ENGAGE THE SERVICES OF A FACTORY AUTHORIZED	E.C.	ELECTRICAL CONTRACTOR	RTU	ROOF TOP UNIT		
SERVIC	CE REPRESENTATIVE TO PERFORM ALL SYSTEM TESTING AND TO	ER	EXISTING RELOCATED	SPECS	SPECIFICATIONS		
COMPL	DRM ALL PROGRAMMING OF NEW/RELOCATED DEVICES. PROVIDE A LETE TEST OF THE EXISTING SYSTEM PRIOR TO PERFORMING ANY	EXIST	EXISTING	TEL	TELEPHONE		
	CIATED WORK OR REMOVALS.	EQUIP	EQUIPMENT	TYP	TYPICAL		
	ING SYSTEM IS MAINTAINED AND SERVICED BY SPECIAL CARE	FA	FIRE ALARM	UC	UNDER COUNTER		
BRIAN	EMS, 1450 EAST RIDGE ROAD, ROCHESTER NY 14621. CONTACT I GRAY AT (585) 671-1180 ext. 109 FOR ADDITIONAL INFORMATION	G.C.	GENERAL CONTRACTOR	٧	VOLT		
AND R	REQUIREMENTS.	G,GND	GROUND	WP	WEATHERPROOF		
	RACTOR SHALL PROVIDE ANY REQUIRED WIRING, INTERFACE	GFI	GROUND FAULT INTERUPTER	Ø	PHASE		
SYSTE	MENT/DEVICES, AND HARDWARE AS REQUIRED TO PERFORM THE MODIFICATIONS. COORDINATE WITH THE EXISTING SYSTEM	HP	HORSEPOWER				
MANUF	FACTURER'S REPRESENTATIVE.	NL FM	NIGHT LIGHT (UNCONTROLLED)				

**EMERGENCY** 

### GENERAL DRAWING NOTES: (APPLY TO ALL DRAWINGS)

FOR MAKING THE CHANGES.

- A. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERALLY THE LOCATIONS OF THE MATERIAL AND EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER INSTALLATION AND OPERATION, SHALL BE INCLUDED IN THE CONTRACTORS ESTIMATE THE SAME AS IF HEREIN SPECIFIED OR SHOWN.
- WITH SUBMISSION OF BID. IT IS MUTUALLY AGREED THE CONTRACTOR HAS INCLUDED THE COST OF ALL REQUIRED ITEMS IN HIS PROPOSAL, AND THAT HE WILL BE RESPONSIBLE FOR THE APPROVED SATISFACTORY FUNCTIONING OF THE ENTIRE SYSTEM WITHOUT EXTRA COMPENSATION.
- D. BEFORE SUBMITTING BID. CONTRACTOR SHALL VISIT THE SITE AND EXAMINE THE CONDITIONS ON WHICH HIS WORK IS IN ANY WAY DEPENDANT FOR THE BEST WORKMANSHIP AND OPERATION ACCORDING TO THE INTENT OF SPECIFICATION AND
- NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT SITE, OR FOR ANY ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED OR WORK TO BE
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS OF ALL ACTUAL EQUIPMENT INVOLVED PRIOR TO THE INSTALLATION OF ELECTRICAL SERVICE TO THE SAME.
- G. ANY WORK INSTALLED CONTRARY TO, OR WITHOUT CONCURRENCE OF THE OWNER'S REPRESENTATIVE, SHALL BE SUBJECT TO CHANGE AS DIRECTED BY THE OWNER'S REPRESENTATIVE, AND NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR
- H. THE CONTRACTOR SHALL TEST ALL NEW SYSTEMS AND REPAIR OR REPLACE ALL DEFECTIVE WORK. THE CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO THE SYSTEM AND SHALL INSTRUCT THE OWNER'S PERSONNEL IN THE PROPER OPERATIONS OF THE SYSTEMS.
- ALL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, LOCAL CODES, AND ORDINANCES.
- ALL CONDUITS OR EXPOSED WORK SHALL BE RUN AT RIGHT ANGLES TO, AND PARALLEL WITH, THE SURROUNDING WALL AND SHALL CONFORM TO THE FORM OF THE CEILING. NO DIAGONAL RUNS WILL BE ALLOWED. BENDS IN PARALLEL CONDUIT RUNS SHALL BE CONCENTRIC. ALL CONDUIT SHALL RUN PERFECTLY STRAIGHT AND TRUE. PAINT RACEWAY, FITTINGS AND SUPPORT TO MATCH EXISTING SURFACES.
- K. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, CATALOG CUT SHEETS, AND PRODUCT DATA FOR ALL ELECTRICAL EQUIPMENT AND COMPONENTS TO BE INSTALLED.
- ALL RECEPTACLES, SWITCHES, ETC. IN RATED WALLS AND CEILINGS MUST BE INSTALLED A MINIMUM OF 24" FROM EACH OTHER OR PROPERLY FIRESTOPPED TO MAINTAIN RATINGS IF WITHIN THE SAME WALL OR CEILING CAVITY. PROVIDE ALL LABOR AND MATERIALS REQUIRED TO MATCH RATING OF WALL AND CEILING CONSTRUCTION. FIRE CAULK ANY PENETRATIONS OF RATED WALLS OR CEILINGS.
- M. GUARANTEE THE ENTIRE ELECTRICAL SYSTEM FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE AS COMPLETE BY THE OWNER.
- N. PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED FOR ELECTRICAL SYSTEMS INDICATED ON THESE DRAWINGS. THE WORK SHALL BE TESTED AND LEFT COMPLETE AND IN SATISFACTORY OPERATION SUBJECT TO THE APPROVAL OF THE AUTHORITIES AND THE OWNER'S REPRESENTATIVE.
- O. ALL CONDUITS SHALL BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED CEILINGS AND CONCEALED IN WALLS UNLESS OTHERWISE INDICATED. ALL CONDUITS SHALL RUN PARALLEL AND PERPENDICULAR WITH BUILDING WALLS AND STRUCTURE. CONDUITS CONCEALED IN WALLS SHALL BE INSTALLED VERTICALLY, HORIZONTAL RUNS OF CONDUIT SHALL NOT BE PERMITTED.
- CONTRACTOR IS HEREBY CAUTIONED THAT ELECTRIC POWER CHARACTERISTIC (VOLTAGE, PHASE, HORSEPOWER, AMPERAGE, ETC.) OF EQUIPMENT IS BASED ON AVAILABLE INFORMATION AT THE TIME OF PROJECT DESIGN. CONTRACTOR MUST VERIFY CHARACTERISTICS FOR EACH PIECE OF NEW EQUIPMENT PRIOR TO ORDERING ELECTRICAL EQUIPMENT. INDICATE VERIFICATION ON SUBMITTALS.
- Q. LOCATIONS INDICATED FOR NEW LIGHTING FIXTURES ARE APPROXIMATE. LOCATE FIXTURES AS REQUIRED TO AVOID INTERFERENCE WITH NEW BUILDING STEEL, PIPING, DUCTWORK, CONDUIT, DIFFUSERS, GRILLES, SPEAKERS, SMOKE DETECTORS, ETC. FIELD COORDINATE EXACT LOCATIONS AS NEAR AS POSSIBLE TO THE LOCATION INDICATED.

- R. EXACT LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, EXIT SIGNS, ETC. SHALL BE COORDINATED WITH OTHER CEILING MOUNTED EQUIPMENT TO AVOID CONFLICT. LOCATE DEVICES AS NEAR AS POSSIBLE TO THE LOCATION INDICATED. FIRE ALARM SMOKE DETECTORS SHALL BE LOCATED 3'-0" MINIMUM FROM HVAC DIFFUSERS, REGISTERS, GRILLES,
- S. ALL NEW CIRCUITING SHALL BE CONCEALED (EXCEPT IN BOILER ROOMS, ELECTRICAL AND MECHANICAL ROOMS). WHERE CONCEALMENT OF CIRCUITING IS DEEMED IMPOSSIBLE FOLLOWING DISCUSSIONS WITH OWNERS REPRESENTATIVE AND ARCHITECT, SURFACE RACEWAYS SHALL BE USED FOR ALL EXPOSED CIRCUITING (SEE SPECIFICATIONS REGARDING USE OF SURFACE RACEWAYS). UNDER NO CIRCUMSTANCES SHALL ANY EMT CONDUIT OR PIPE BE INSTALLED EXPOSED IN EXISTING OFFICES, CORRIDORS OR FINISHED AREAS. ALL SURFACE RACEWAYS SHALL BE PAINTED TO MATCH EXISTING WALL SURFACE AND SHALL CONTAIN A GREEN INSULATED GROUND CONDUCTOR.
- EXACT LOCATIONS OF ALL NEW DEVICES, RACEWAYS, ETC. ADDED TO EXISTING ROOMS SHALL BE FIELD VERIFIED TO AVOID INTERFERENCE WITH NEW AND EXISTING CABINETRY, TACKBOARDS, UNIT VENTILATORS, FURNITURE, ETC. COORDINATE FINAL LOCATIONS WITH THE OWNER, ARCHITECT AND ENGINEER BEFORE INSTALLATION.
- CONTRACTOR SHALL REVIEW ALL TRADES CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE ARCHITECT AND OTHER CONTRACTORS. REFER TO ARCHITECTURAL PLANS FOR CASEWORK LAYOUT, ELEVATIONS, ETC. COORDINATE WITH LOCATIONS OF ELECTRICAL DEVICES AND OUTLETS.
- V. EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS.
- W. CIRCUITING TO DEVICES/EQUIPMENT SHALL BE 2 #12 WITH 1 #12 GROUND (MULTIPLE HOMERUNS IN SAME CONDUIT MAY SHARE SAME EQUIPMENT GROUND) FOR EACH 20 AMPERE CIRCUIT UNLESS OTHERWISE NOTED.
- X. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE, TRANSPORT AND PROPERLY DISPOSE OF FLUORESCENT & MERCURY LAMPS, PCB BALLASTS AND PCB OIL FROM TRANSFORMERS AND SWITCHES IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES AND REGULATIONS. PROVIDE ALL DOCUMENTATION OF PROPER DISPOSAL TO OWNER.
- DISCONNECT AND REMOVE LIGHTING, POWER AND SYSTEMS FROM AREAS OF RENOVATIONS AS REQUIRED TO ACCOMMODATE DEMOLITION WORK. COORDINATE ALL REMOVALS WITH OTHER TRADES. BE ADVISED THAT THE DRAWINGS MAY NOT LOCATE ALL EXISTING WIRING AND RACEWAYS WHICH MAY BE REQUIRED TO BE REMOVED, RELOCATED OR REWORKED, etc. TO ACCOMMODATE DEMOLITION WORK WITHIN THE EXISTING BUILDING. WHERE POSSIBLE, MAJOR COMPONENTS OF THE EXISTING ELECTRICAL SYSTEM (e.g. EXISTING PANELBOARDS, DISCONNECT SWITCHES. MECH. EQUIPMENT) HAVE BEEN SHOWN TO AID THE ELEC. CONTRACTOR. FIELD VISITS TO THE SITE TO REVIEW EXISTING BUILDING CONDITIONS WILL ASSIST THE CONTRACTOR IN UNDERSTANDING THE DEMOLITION WORK AND TYPICAL BUILDING MATERIALS TO BE ENCOUNTERED.
- WHERE EXISTING BRANCH CIRCUITS ARE DISTURBED BY DEMOLITION WORK, REWORK AND EXTEND THOSE CIRCUITS AS REQUIRED TO MAINTAIN ELECTRICAL CONTINUITY TO ALL REMAINING LOADS ON THE AFFECTED CIRCUIT. WHERE WIRING FEEDING LIGHTING, RECEPTACLES, etc. ARE REQUIRED TO REMAIN AND ARE CUT, THEY SHALL BE EXTENDED AND RECONNECTED AS REQUIRED.
- AA. CIRCUIT NUMBERS INDICATED ON THE DRAWINGS ARE SHOWN FOR THE PURPOSE OF CLARIFYING THE GROUPING OF OUTLETS. THE ACTUAL NUMBER ASSIGNED TO THE CIRCUIT IN THE PANELBOARD SHALL SUIT THE BUSSING AND BRANCH CIRCUITING TO THE PANEL. PROVIDE COMPLETE AND ACCURATE TYPEWRITTEN PANEL DIRECTORIES FOR ALL NEW AND MODIFIED EXISTING BRANCH CIRCUIT PANELBOARDS.
- AB. PROVIDE BLANK STAINLESS STEEL COVERPLATES FOR ALL UNUSED OR ABANDONED JUNCTION BOXES, SIZED TO FIT OPENING, PATCH ANY HOLES REMAINING IN PLASTER CAUSED BY DEVICE REMOVALS. PATCH SMOOTH, PRIME AND PREP FOR PAINTING, PAINT TO MATCH EXISTING FINISHES. FOR REMAINING HOLES IN BLOCK: PATCH WITH APPROVED CONCRETE TYPE REPAIR MATERIALS TO MATCH SURFACE TEXTURE AND COLOR(S).
- AC. ELECTRICAL CONTRACTOR TO REFER TO ASBESTOS & LEAD ABATEMENT DRAWINGS FOR EXTEND OF WORK UNDER THAT CONTRACT. WHENEVER DRILLING OR CUTTING ANY EXISTING ELEMENTS OR ATTACHING TO ANY EXISTING BEAMS, JOIST OR OTHER SURFACES. COORDINATE WITH ABATEMENT AUTHORITIES AS TO PRECAUTIONS OR ABATEMENT REQUIREMENTS. ANY SUSPECTED ASBESTOS, LEAD OR MOLD DISCOVERED SHALL BE REPORTED TO PROJECT MANAGER.

## • MOUNTING HEIGHTS: unless otherwise indicated or called for, or because of special conditions, the mounting heights of all outlets shall be generally as follows:

 LOCAL SWITCHES
 44" ABOVE FLOOR TO CENTER RECEPTACLES WALL MOUNTED FIXTURES

PANELBOARDS

RECEPTACLES

EXIT LIGHTS

1'-6" ABOVE FLOOR TO CENTER MOTOR CONTROLS 4'-0" ABOVE FLOOR TO CENTER DISCONNECT AND

OVER COUNTERS OR HEIGHT AS INDICATED

- HEIGHT AS INDICATED 4'-0" ABOVE FLOOR TO CENTER & ASSOCIATED
- SAFETY SWITCHES 6'-6" ABOVE FLOOR TO CENTER OF TOP MOST DEVICE HANDLE 9" ABOVE DOOR HEAD TO CENTER (WALL MOUNTED) COORDINATE W/ ARCH. DRAWINGS
- (DESK TYPE) OR COMPUTER OUTLET TELEPHONE OUTLET TELEVISION OUTLET

(LOW)

(HIGH)

RECEPTACLE OUTLET

RECEPTACLE OUTLET

TELEVISION OUTLET

& ASSOCIATED

TELEPHONE OUTLET

54" ABOVE FLOOR TO CENTER

96" ABOVE FLOOR TO CENTER

1'-6" ABOVE FLOOR TO CENTER

- 1'-6" ABOVE FLOOR TO CENTER
- VISUAL UNIT FIRE ALARM VISUAL UNIT
  - DUCT SMOKE
- 44" ABOVE FLOOR TO CENTER OF DEVICE. FIRE ALARM PULL STATION COORDINATE WITH EXISTING FIELD CONDITIONS. FIRE ALARM 80" ABOVE FLOOR TO CENTER COMBINATION AUDIO
  - 80" ABOVE FLOOR TO CENTER
  - 4'-0" ABOVE FLOOR TO CENTER
  - 4'-0" ABOVE FLOOR TO CENTER

FIRE ALARM SYSTEM SPECIFICATION: (REFER TO SPECIFICATION SECTION 283105 FOR ADDITIONAL INFORMATION/REQUIREMENTS)

ACCESSORIES, ETC. AND/OR DISCONNECT, REMOVE & RELOCATE EXISTING DEVICES,

DETECTOR REMOTE

TEST STATION

VOLUME CONTROL

AS SCHEDULED, TO PROVIDE A COMPLETE, ELECTRICALLY SUPERVISED EXTENSION OF THE EXISTING SYSTEM. B. ANY AND ALL NEW FIRE ALARM SYSTEM DEVICES PROVIDED SHALL BE SUPPLIED BY THE EXISTING SYSTEM MANUFACTURER, AND SHALL BE FULLY COMPATIBLE WITH

A. EXISTING FIRE ALARM SYSTEM SHALL REMAIN. PROVIDE NEW DEVICES, EQUIPMENT,

- EXISTING SYSTEM. C. INSTALL ALL FIRE ALARM SYSTEM WIRING IN ACCORDANCE WITH THE
- MANUFACTURER'S RECOMMENDATIONS. DEVICES SHALL BE WIRED CLASS A OR CLASS B, AS REQUIRED TO MATCH EXISTING INSTALLATION.
- D. ALL FIRE ALARM SYSTEM DEVICES SHALL BE INSTALLED FLUSH OR SEMI-FLUSH. TEST THE FIRE ALARM SYSTEM BEFORE AND AFTER COMPLETING THE WORK. TO SHOW THAT IT IS IN FIRST CLASS OPERATING CONDITION, AND GUARANTEE THE WORK FOR ONE YEAR, AFTER OWNER'S ACCEPTANCE. PROVIDE TEST REPORTS AND
- REPORT DEFICIENCIES. F. NEW EXTENSIONS, OR RENOVATIONS TO EXISTING SYSTEMS SHALL BE PROVIDED USING SIMILAR MATERIALS, DEVICES, CONSTRUCTION METHODS, ETC. AS THOSE DEVICES AND SYSTEMS PRESENTLY INSTALLED. UNLESS OTHERWISE NOTED, USE

ONLY EXISTING MANUFACTURER'S PRODUCTS.

G. MAINTAIN INTEGRITY OF ALL EXISTING SYSTEM OPERATIONS AND WIRING AT ALL TIMES. ADVISE OWNER OF ANY AND ALL DISCONNECTIONS, REMOVALS AND SERVICE INTERRUPTIONS, PRIOR TO PROCEEDING WITH SAME. DO NOT LEAVE ANY SYSTEM OR SUB-SYSTEM UNOPERATIONAL, WITHOUT SUPERVISION PRESENT.

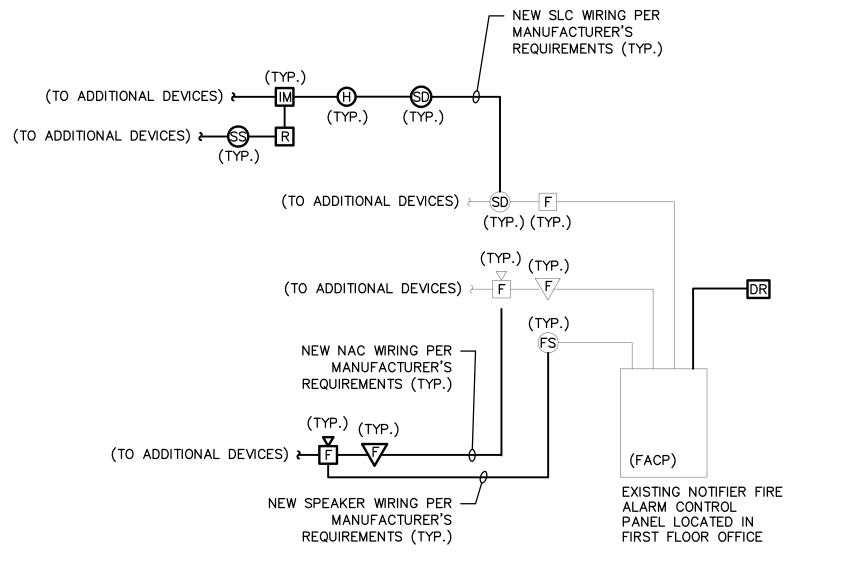
### H. PROGRAMMING:

INCLUDE IN BID THE COST TO COVER ALL SYSTEM PROGRAMMING, INCLUDING ITEMS PARTICULAR TO THIS PROJECT (SUCH AS CUSTOM ZONE DESCRIPTIONS, TIME DELAY SETTINGS, SENSITIVITY SETTINGS, ETC.) SUCH THAT ENTIRE SYSTEM IS 100% COMPLETE AND OPERATING TO THE OWNER'S SATISFACTION. COORDINATE ALL SYSTEM PROGRAMMING WITH THE OWNER. ALSO, PROVIDE PROGRAMMING OF THE SYSTEM A MINIMUM OF ONCE DURING THE GUARANTEE PERIOD TO PROVIDE CHANGES REQUESTED BY THE OWNER. PROVIDE PROGRAMMING AND MODIFICATIONS TO THE GRAPHIC WORKSTATION.

INSTALL ALL WIRING IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND CERTIFIED POINT-TO-POINT WIRING DIAGRAMS. INSTALL ALL WIRING IN SEGREGATED RACEWAY SYSTEM (EMT). ALL WIRING SHALL CONFORM TO NEC ART. 725, ART. 760 AND NFPA-72. SYSTEM AND DEVICES SHALL BE LISTED BY U.L. SECURELY SUPPORT ALL CEILING MOUNTED DEVICES FROM THE BUILDING STRUCTURE. PROVIDE RECORD OF COMPLETION AS DESCRIBED IN NFPA-72, CHAPTER 10.

OTHER SPOTS, DIRT, AND DEBRIS. TOUCH UP SCRATCHES AND MARRED FINISH TO MATCH ORIGINAL FINISH. CLEAN UNIT INTERNALLY USING METHODS AND MATERIALS RECOMMENDED BY MANUFACTURER.

J. PROVIDE ALL REQUIRED CLEANING OF DEVICES. REMOVE PAINT SPLATTERS AND



# \FIRE ALARM RISER DIAGRAM

# FIRE ALARM RISER NOTES:

- CONTRACTOR TO PROVIDE ALL CONDUITS, BOXES, OUTLETS, ETC. TO PROVIDE COMPLETE INSTALLATION OF FIRE ALARM SYSTEM. REFER TO FLOOR PLAN FOR QUANTITIES AND LOCATION OF ALL DEVICES.
- B. COORDINATE WITH OWNER'S FIRE ALARM SYSTEM VENDOR (GREAT LAKES BUILDING SYSTEMS INC.) PROVIDE WIRING PER MANUFACTURER'S REQUIREMENTS.
- C. THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY FIRE ALARM DEVICES AND WIRING AS REQUIRED TO MAINTAIN FIRE ALARM SERVICE AT ALL TIMES.

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ORCHARD PARK, N.Y. 14127

PROJECT NO. 17.38

01/31/2018

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ELECTRICAL

REVISIONS

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	<u> </u>			VOLTAGE/			T	<u> </u>
TYPE	DESCRIPTION	MOUNTING	LENS/DIFFUSER	BALLAST	LAMPS	(QUANTITY & TYPE)	MANUFACTURER & SERIES	NOTES/REMARKS
Α	8" ROUND RECESSED LED DOWNLIGHT. 2000 LUMEN PACKAGE AT 3500K COLOR TEMP. PASSIVE HEAT SINK COOLING. 0-10V DIMMING CAPABLE. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	RECESSED	OPEN REFLECTOR W/ SEMI—SPECULAR CLEAR FINISH.	120V ELECTRONIC LED DRIVER	_		ATLANTIC LIGHTING LED SERIES MODEL #LED8-DLM20-35K-1 W/#8LED10 TRIM KIT	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
AEM	SAME AS TYPE 'A' ABOVE, EXCEPT WITH W/ BODINE EMERGENCY BATTERY PACK OPTION, MINIMUM 90 MINUTE DURATION)	RECESSED	OPEN REFLECTOR W/ SEMI-SPECULAR CLEAR FINISH.	120V ELECTRONIC LED DRIVER	-		ATLANTIC LIGHTING LED SERIES MODEL #LED8-DLM20-35K-1-LEM W/#8LED10 TRIM KIT	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
	4" ROUND RECESSED LED DOWNLIGHT. 1500 LUMEN PACKAGE AT 3500K COLOR TEMP. PASSIVE HEAT SINK COOLING. 0-10V DIMMING CAPABLE. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	RECESSED	OPEN REFLECTOR W/ SEMI-SPECULAR CLEAR FINISH.	120V ELECTRONIC LED DRIVER 0-10V DIMMING	-		ATLANTIC LIGHTING LED SERIES MODEL #LED4-DLM15-35K-U W/#4LED10 TRIM KIT	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
A2	6" ROUND RECESSED LED DOWNLIGHT MODULE, INSTALLED IN 6" IC RATED REMODEL HOUSING. WITH UL LISTED WET LOCATION AND SHOWER RATED TRIM. 1200 LUMEN PACKAGE AT 3000K COLOR TEMP. PASSIVE HEAT SINK COOLING. TRIAC PHASE DIMMING CAPABLE. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	RECESSED	INTEGRAL WHITE BAFFLE REFLECTOR.	120V ELECTRONIC LED DRIVER WITH TRIAC PHASE DIMMING STANDARD	_	1000 LUMEN, 3000°K LED OPTICAL SYSTEM 11.0W	PHILIPS LIGHTING 'COREPRO LED' #CP6RB07830W PROVIDE WITH #CP6RR 6" IC RATED REMODEL HOUSING, AND 2-HOUR RATED ENCLOSURE. (SEE NOTES/REMARKS)	-COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELDPROVIDE A 2-HOUR RATED ENCLOSURE FOR INSTALLATIONS IN FIRE RATED GYPSUM CEILINGS: FRPS, TENMAT, OR APPROVED EQUAL. COORDINATE INSTALLATION IN EXISTING RATED CEILINGS WITH THE GENERAL CONTRACTOR.
В	24" ROUND SURFACE/FLUSH MOUNT ARCHITECTURAL LIGHT.	SURFACE	HARD BACKED LINEN SHADE, ACRYLIC DIFFUSER	120V	4	12W LED LAMPS, MEDIUM BASE	2ND AVE LIGHTING #200373-35	FIXTURE AND LAMPS FURNISHED BY OWNER. INSTALLATION SHALL BE BY CONTRACTOR.
	8"W X 11.5"H X 4"D ARCHITECTURAL WALL SCONCE.	SURFACE WALL	ACRYLIC SHIELD	120V	2	LED CANDELABRA BASE (TOTAL LAMP WATTAGE NOT TO EXCEED 26 WATTS)	ASHEVILLE #AS-8	FIXTURE AND LAMPS FURNISHED BY OWNER. INSTALLATION SHALL BE BY CONTRACTOR.
D	9"W X 14.75"H X 4"D ARCHITECTURAL WALL SCONCE.	SURFACE WALL	ACRYLIC SHIELD	120V	1	BASE	MEYDA #187824	FIXTURE AND LAMPS FURNISHED BY OWNER. INSTALLATION SHALL BE BY CONTRACTOR.
E	2'X2' RECESSED VOLUMETRIC LED TROFFER. 3800 LUMEN PACKAGE AT 3500K COLOR TEMP. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	RECESSED	FROSTED RIBBED ACRYLIC	UNV ELECTRONIC LED DRIVER	_		PHILIPS DAYBRITE ARIOSO LED SERIES MODEL #2AVEG38L-835-2ACR-UNV	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
	2'X2' RECESSED LED LENSED TROFFER. 3600 LUMEN PACKAGE AT 3500K COLOR TEMP. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	RECESSED	.125" ACRYLIC PRISMATIC	UNV ELECTRONIC LED DRIVER	-		PHILIPS DAYBRITE T-GRID LED SERIES MODEL #2TG38L-835-2FS-12F-UNV	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
E2	2'X4' LED FLAT PANEL WITH SURFACE MOUNT KIT. 4500 LUMEN PACKAGE AT 3500K COLOR TEMP. 50,000 HOURS MINIMUM LED LIFETIME TO L70.	SURFACE	WHITE ACRYLIC	UNV ELECTRONIC LED DRIVER	_	4500 LUMEN, 3500°K LED OPTICAL SYSTEM 36W	BARRON TRACE-LITE MODEL #LP24-36-35K WITH #LP24SMK SURFACE MOUNT KIT.	COORDINATE CEILING TRIMS REQUIRED WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS AND EXISTING CONDITIONS VERIFIED IN THE FIELD.
F	ARCHITECTURAL VANITY LIGHT	SURFACE WALL	GLASS SHADES	120V	2	100W MAX. MEDIUM BASE	PROGRESS #P3191-09	FIXTURE AND LAMPS FURNISHED BY OWNER. INSTALLATION SHALL BE BY CONTRACTOR.
C2	40" LED LINEAR UNDER-CABINET TASK LIGHTING. 50,000 HOURS MINIMUM LED LIFETIME (L70).	UNDER CABINET	POLYCARONATE LENS, 105° BEAM ANGLE	120V INTEGRAL ELECTRONIC LED DRIVER	-	787 LUMENS, 18 WATTS (47LPW) LED PACKAGE, 3500°K	PHILIPS eW PROFILE MX POWERCORE SERIES OR APPROVED EQUAL. PROVIDE WITH 120V WIRING COMPARTMENT, END-TO-END CONNECTORS AS REQUIRED AND ALL MOUNTING HARDWARE.	COORDINATE INSTALLATION WITH MILLWORK INSTALLER PRIOR TO PERFORMING ANY WORK.
	LED EMERGENCY LIGHT, POWDERCOAT DIE-CAST ALUMINUM HOUSING, 90 MINUTE RUN TIME MAINTENANCE FREE NI-CAD BATTERY	WALL	POLYCARBONATE LENS	120/277V	8	3W INTEGRAL LED LAMPS (500 LUMENS TOTAL)	PHILIPS-CHLORIDE 'PATRON LED' MODEL #CM-25050-PLEM	COORDINATE EXACT LOCATIONS WITH CONDITIONS IN FIELD. MAINTAIN MANUFACTURER'S LISTED SPACING REQUIREMENTS.
፟	LED EXIT SIGN, WHITE THERMOPLASTIC HOUSING W/ ADJUSTABLE CHEVRONS. PROVIDE W/ 90 MINUTE DURATION SEALED NI-CAD BATTERY.	UNIVERSAL MOUNTING KITS	_	UNIVERSAL VOLTAGE W/ BATTERY BACKUP	-	RED LED'S	EXITRONIX VEX SERIES	COORDINATE MOUNTING REQUIREMENTS WITH CEILING TYPES SHOWN ON ARCHITECTURAL RCP DRAWINGS.

### LIGHTING FIXTURE SCHEDULE NOTES

- E.C. SHALL PROVIDE ALL NECESSARY FIXTURE LAMPS. E.C. SHALL VERIFY ALL FINAL FIXTURE COLORS WITH ARCHITECT PRIOR TO PURCHASING FIXTURES. E.C. SHALL PROVIDE LIGHTING FIXTURES THAT ARE LISTED, LABELED AND APPROVED BY UNDERWRITERS LABORATORIES INC. FOR USE WITH THE SPECIFIED CEILING TYPE AND RATING. COORDINATE WITH ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLANS AND FILED VERIFICATION OF EXISTING CEILING TYPES AND CONDITIONS BY CONTRACTOR.
- 4. E.C. SHALL PROVIDE ALL REQUIRED MOUNTING HARDWARE FOR A COMPLETE INSTALLATION. FOR ALL LIGHTING FIXTURES, PROVIDE TRIM KITS AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH ARCH. REFLECTED CEILING PLAN FOR GYP BOARD/GRID CEILING
- PLACEMENTS. FOR EXISTING CEILINGS FIELD VERIFY TYPES PRIOR TO PURCHASE. 6. ALL LED LIGHTING FIXTURES SHALL BE LISTED ON THE ENERGY STAR OR DESIGNLIGHTS CONSORTIUM (DLC) QUALFIFIED PRODUCTS LIST.

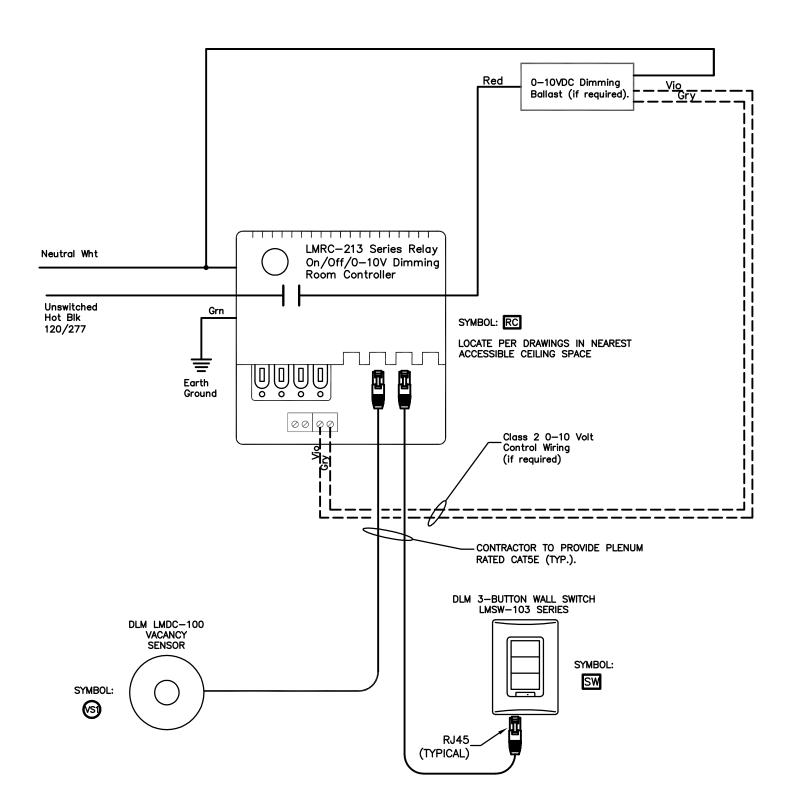
NEW PANELBOARD SCHEDULE									
PANEL NAME	VOLTAGE	INTERRUPT CAPACITY*	MOUNTING	MAIN BUS	MAIN BRK. SIZE	ACTIVE BRANCHES	SPARES	SPACES	REMARKS
L2B	120/208V, 3 ø, 4 W	22,000 AIC	RECESSED WITH FLUSH-MOUNT DOOR/TRIM	100 A	M.L.O.	(1) 3P.70A (1) 2P.30A (2) 1P.20A GFCI (8) 1P.20A	(2) 1P.20A GFCI (8) 1P.20A	5	NEW 30 CIRCUIT PANELBOARD, PROVIDE NEMA 3R ENCLOSURE.
LC	120/208V, 1 ø, 3 W	10,000 AIC	RECESSED WITH FLUSH-MOUNT DOOR/TRIM	125 A	M.L.O.	(10) 1P.20A	(2) 1P.20A	12	NEW 24 CIRCUIT LOAD CENTER.

\* E.C. SHALL VERIFY AVAILABLE FAULT CURRENT WITH UPSTREAM FEEDER DEVICES AND COORDINATE WITH ENGINEER PRIOR TO PURCHASING PANELBOARDS. GFCI = 5mA GROUND FAULT CIRCUIT INTERRUPTER

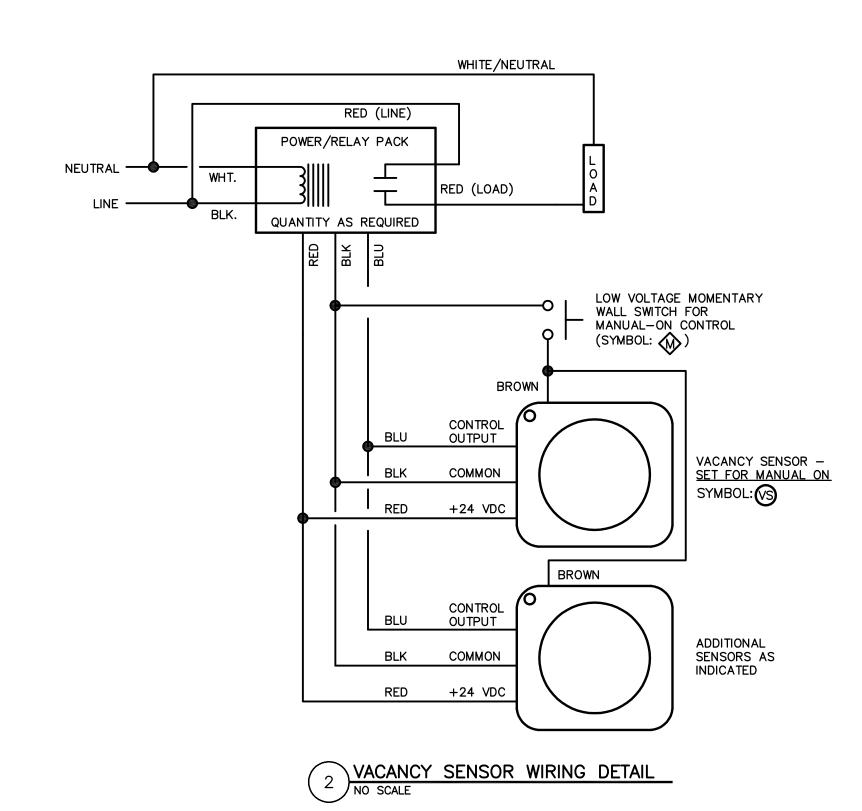
- 1. ALL PANELBOARDS SHALL HAVE A HINGED FRONT COVER WHEREAS THE ENTIRE FRONT TRIM IS HINGED TO THE BOX AND IS EQUIPPED WITH A STANDARD DOOR WITHIN THE HINGED TRIM COVER. REFER TO SPECIFICATIONS.
- 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

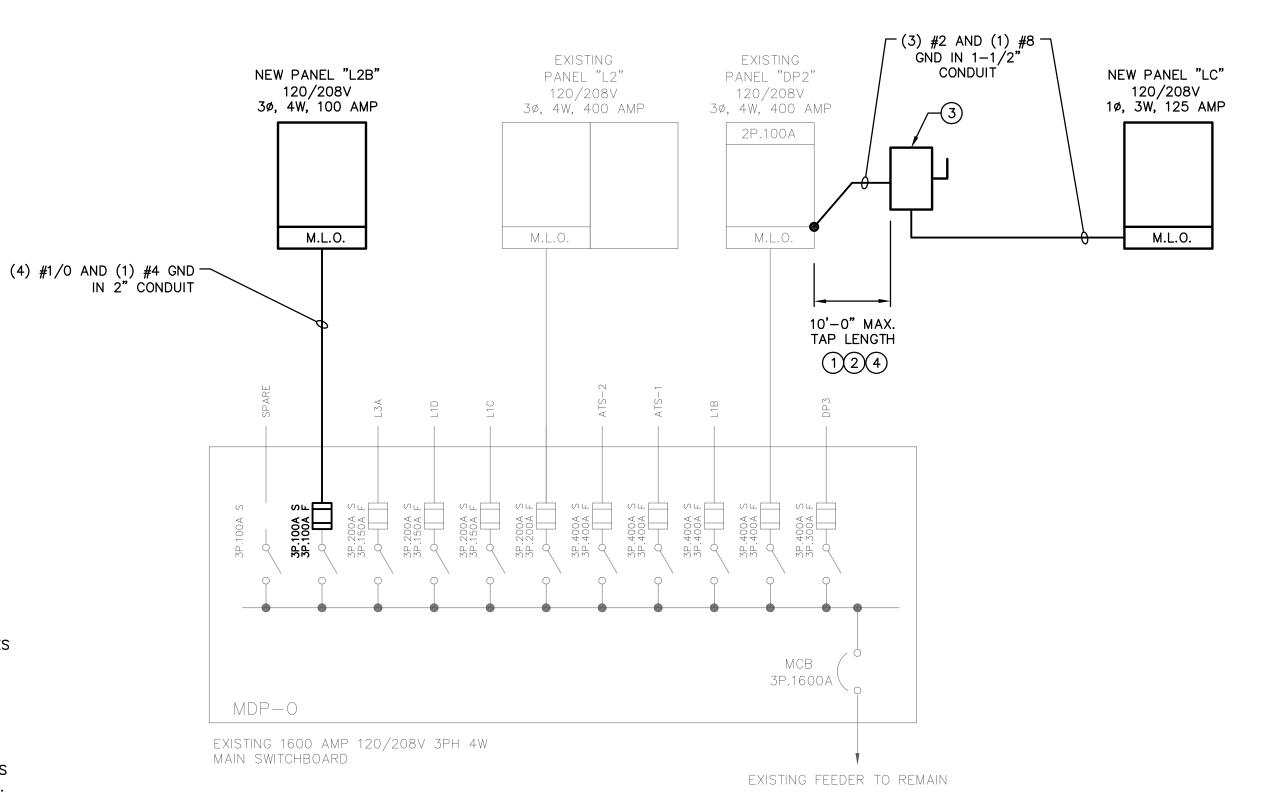
## **#** SINGLE LINE DIAGRAM KEYED NOTES:

- 1. CONTRACTOR SHALL TAP THE BUS OF EXISTING 'DP2' TO ACCOMMODATE NEW FEEDER. THE TOTAL CONDUCTOR LENGTH TO THE NEW DISCONNECT SWITCH IS TO NOT TO EXCEED 10'-0" FROM THE TAP LOCATION PER NEC ART. 240. MAINTAIN REQUIRED CLEARANCES AND WORKING SPACE PER NEC ART. 110 FOR ALL NEW AND EXISTING EQUIPMENT.
- 2. INTERRUPTION OF THE FACILITY'S EXISTING ELECTRICAL SERVICE/DISTRIBUTION SHALL BE PERFORMED DURING THE FACILITIES SHUTDOWN (2ND OR 3RD SHIFT) TO BE DETERMINED BY OWNER. CONTRACTOR SHALL INCLUDE ALL LABOR, ANY OVERTIME AND ALL MATERIALS TO ACCOMMODATE THE WORK REQUIRED.
- 3. FURNISH AND INSTALL DISCONNECT SWITCH; 100 AMP, 240 VAC, 2 POLE, NEMA 1, HEAVY DUTY TYPE, FUSED WITH 100A, MINIMUM 100KAIC FUSES, SOLID NEUTRAL, AND EQUIPMENT GROUNDING KIT. PROVIDE WITH LOCKABLE HANDLE AND PADLOCK - COORDINATE KEYING REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
- 4. CONTRACTOR SHALL SHALL PERFORM LOAD BALANCING OF ALL PHASES FOR EXISTING PANEL 'DP2' PRIOR TO TAPPING BUS FOR NEW PANEL 'LC' FEEDER. REFER TO SPECIFICATION SECTION 262416 FOR ADDITIONAL LOAD BALANCING REQUIREMENTS.



# 1 ROOM CONTROLLER WIRING DETAIL NO SCALE





PARTIAL ELECTRICAL RISER DIAGRAM
NO SCALE

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PROJECT NO. 17.38

01/31/2018

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### DEMOLITION SYMBOL LIST

- --- THIS LAYER INDICATES FIXTURE/DEVICE TO BE DISCONNECTED AND REMOVED. UNLESS OTHERWISE NOTED, REMOVE EXISTING WIRING AND CONDUIT BACK TO SOURCE WHILE MAINTAINING BRANCH CIRCUIT CONTINUITY TO ALL EXISTING (ACTIVE) DEVICES WHICH ARE TO REMAIN. FIELD-VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING ANY WORK.
- THIS LAYER INDICATES EXISTING FIXTURE/DEVICE TO REMAIN. MAINTAIN AND PROTECT THROUGHOUT DEMOLTION/CONSTRUCTION PHASES. FIELD-VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING ANY WORK.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE(S) AND ASSOCIATED CONDUIT AND WIRING. REMOVE WIRING BACK TO SOURCE. MAINTAIN CIRCUIT CONTINUITY TO REMAINING DEVICES.
- DISCONNECT AND REMOVE EXISTING SINGLE OUTLET AND ASSOCIATED CONDUIT AND WIRING, REMOVE ALL WIRING BACK TO PANEL SOURCE.
- O DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES. EXISTING CIRCUITING TO REMAIN AND BE REWORKED/EXTENDED TO NEW LIGHT FIXTURES IN AREA. REFER TO DRAWING E-101 FOR NEW
- EXISTING FLUORESCENT LIGHT FIXTURE TO BE DISCONNECTED AND REMOVED. EXISTING CIRCUITING TO REMAIN AND BE REWORKED/EXTENDED TO NEW LIGHT FIXTURES IN AREA. REFER TO DRAWING E-101 FOR NEW LIGHT LOCATIONS.
- EXISTING EXIT LIGHT FIXTURES AND ASSOCIATED CONDUIT AND WIRING TO REMAIN.
- DISCONNECT, REMOVE AND RELOCATE EXISTING SMOKE DETECTOR AND ASSOCIATED CONDUIT AND WIRING. WIRING PER NFPA 72.
- F EXISTING MANUAL PULL STATION TO REMAIN.

I LIGHT LOCATIONS.

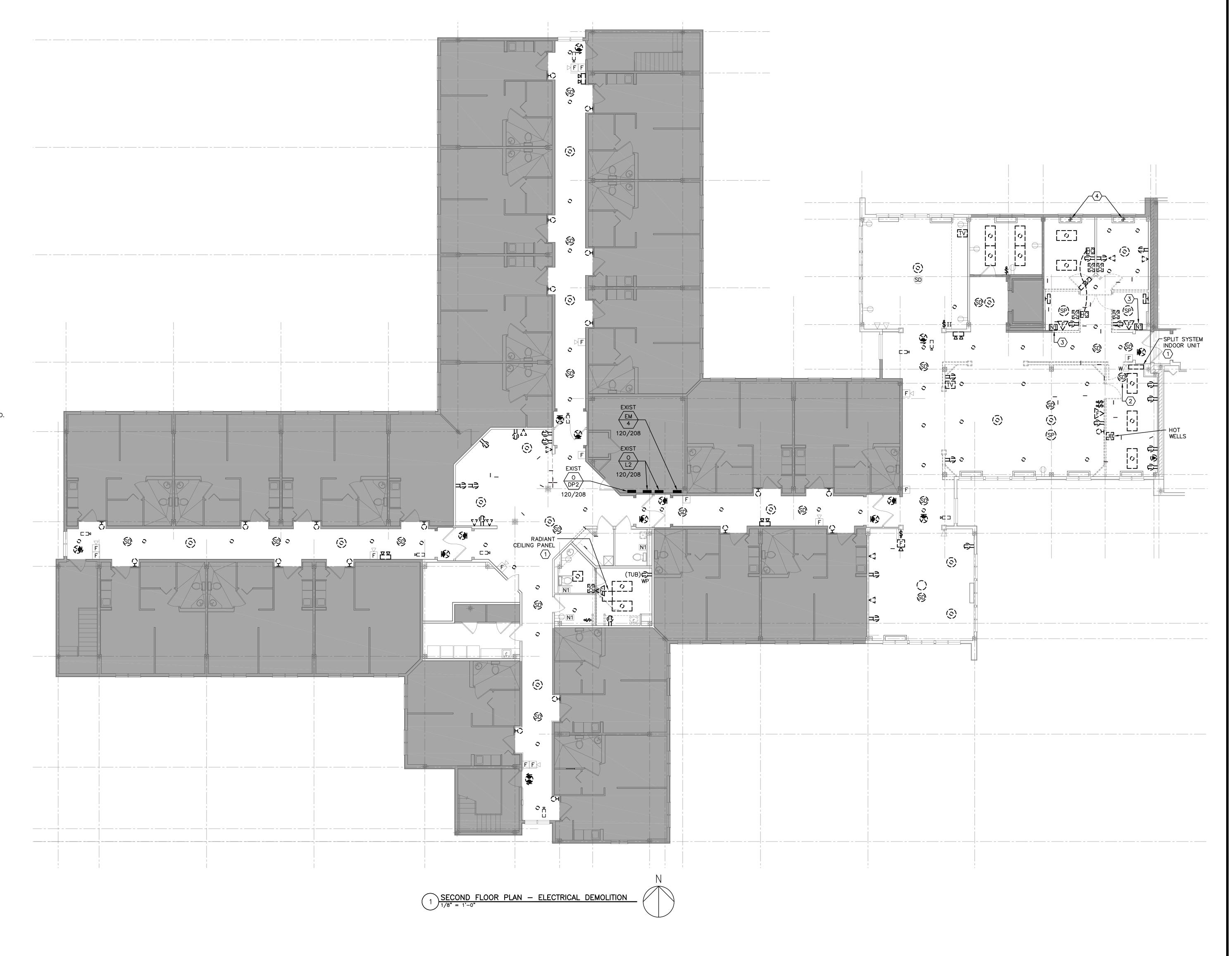
- EXISTING FIRE ALARM STROBE/HORN TO REMAIN.
- DISCONNECT, REMOVE AND RELOCATE EXISTING STROBE/HORN AND ASSOCIATED CONDUIT AND WIRING. WIRING PER NFPA 72.
- DISCONNECT, REMOVE AND RELOCATE EXISTING STROBE AND ASSOCIATED CONDUIT AND WIRING. WIRING PER NFPA 72.
- (FS) EXISTING RECESSED FIRE ALARM CEILING SPEAKER.
- DISCONNECT, REMOVE AND RELOCATE EXISTING LIGHT SWITCH. REMOVE SWITCH LEG WIRING BACK TO SOURCE AS REQUIRED.
- DISCONNECT AND REMOVE EXISTING EMERGENCY LIGHT FIXTURE AND ASSOCIATED CONDUIT AND WIRING. REMOVE ALL WIRING BACK TO SOURCE.
- DISCONNECT AND REMOVE EXISTING WALL SWITCH OCCUPANCY SENSOR. REMOVE SWITCH LEG WIRING BACK TO SOURCE AS REQUIRED.
- DISCONNECT AND REMOVE EXISTING TV JACK WITH ASSOCIATED CONDUIT AND WIRING.
- 77 DISCONNECT AND REMOVE EXISTING VOICE/DATA OUTLET WITH
- EXISTING HANDICAP DOOR OPERATOR PUSHBUTTON.

ASSOCIATED CONDUIT AND WIRING.

- N1 EXISTING EMERGENCY CALL PULL CORD STATION TO BE RELOCATED (REFER TO DRAWING KEYED NOTES)
- EXISTING VIDEO SURVEILLANCE CAMERA TO BE REMOVED, STORED, AND REINSTALLED BY OWNER'S VENDOR. MAINTAIN/PROTECT CAMERA AND WIRING DURING DEMOLITION/CONSTRUICTION.

### (#) DEMOLITION KEYED NOTES:

- 1. DISCONNECT EXISTING MECHANICAL EQUIPMENT TO ALLOW FOR RELOCATION BY OTHERS. EXISTING CIRCUITING TO REMAIN AND BE REWORKED/EXTENDED TO NEW LOCATION. REFER TO E-102 AND MECHANICÁL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE. EXISTING FIRE ALARM SYSTEM WIRING/CONDUIT TO BE REOWKED/EXTENDED TO SERVE NEW DEVICES AS SHOWN ON DRAWING E-102.
- 3. CAREFULLY DISCONNECT AND REMOVE EXISTING WIRELESS EMERGENCY RESPONSE PULL STATION. DEVICE TO BE TEMPORARILY STORED AND RELOCATED AS SHOWN ON DRAWING E-102. COORDINATE RELOCATION WITH OWNERS EMERGENCY RESPONSE SYSTEM MAINTAINER.
- 4. DISCONNECT EXISTING HEAT PUMP UNIT TO BE RE-CIRCUITED TO NEW RESIDENT ROOM LOAD CENTER AS SHOWN ON DRAWING E-101. COORDINATE ALL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO PERFORMING ANY WORK.



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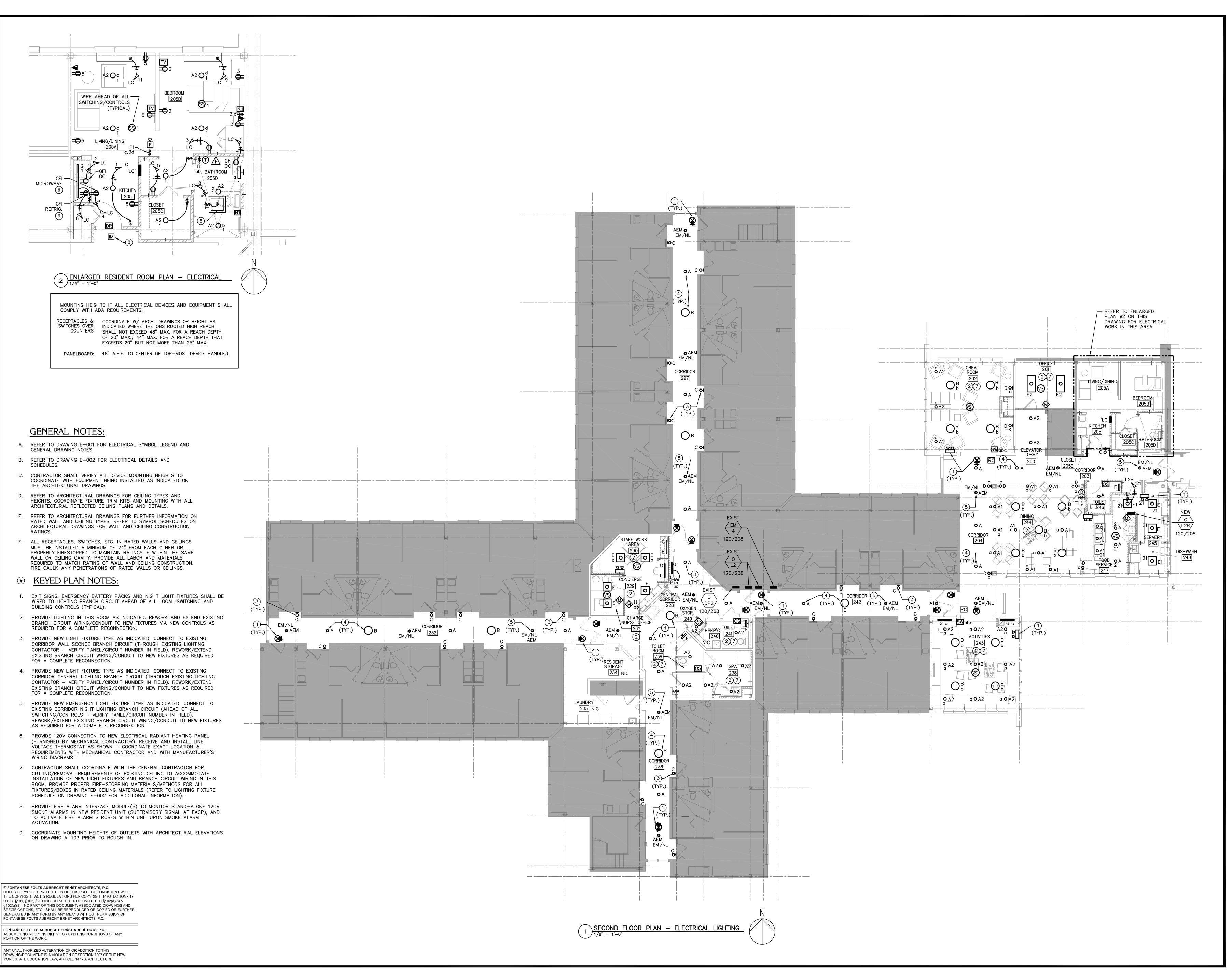
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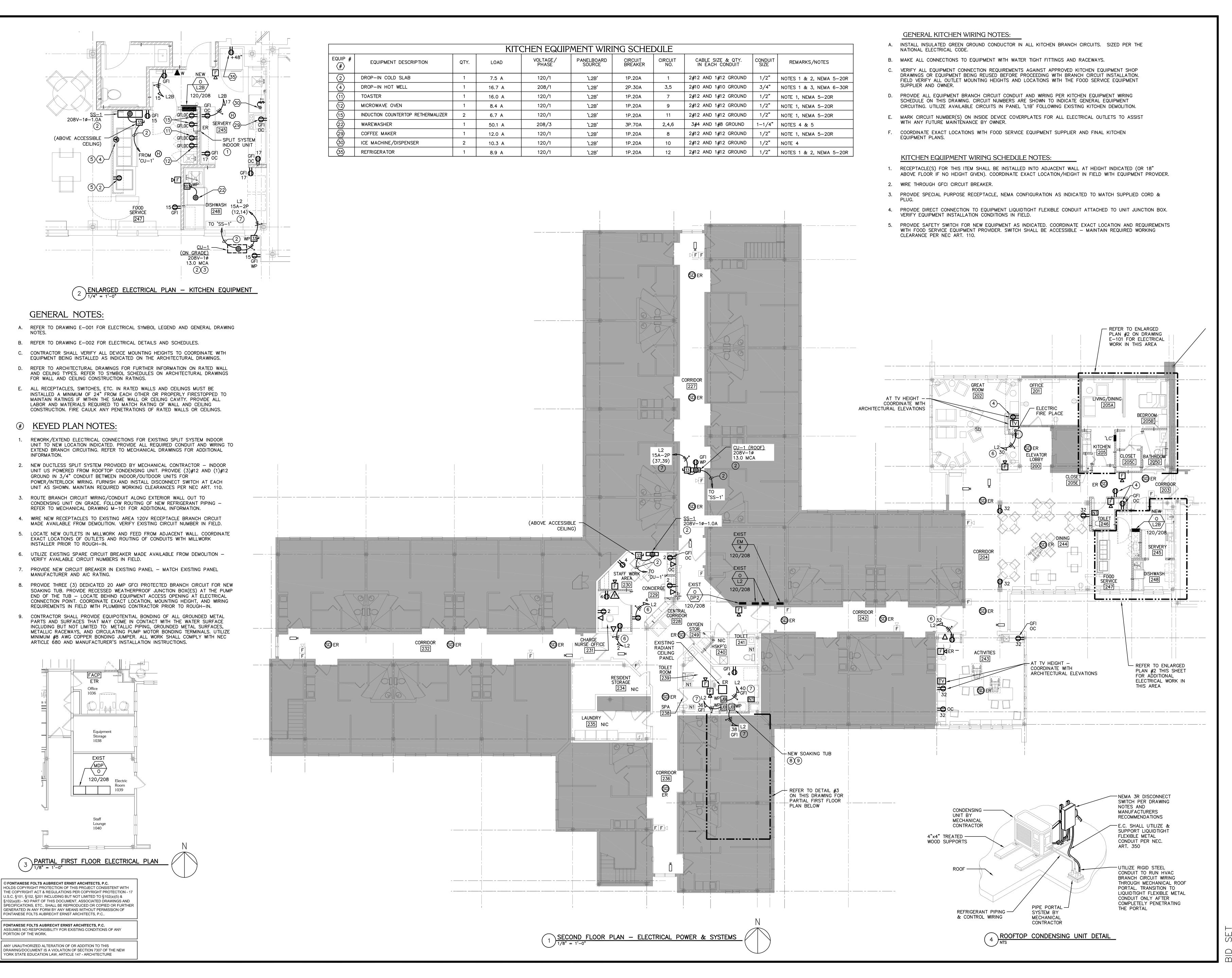
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POWER & SYSTEMS PLAN

E-102