

GENERAL CODE SUMMARY:

- 1. CONSTRUCTION CLASSIFICATION: 5B
- USE GROUP: R-4, CONDITION 2
 ALLOWABLE SF= 7000 SF
- 4. SPRINKLER SYSTEM REQUIRED AND PROVIDED.
- 5. FIRE ALARM SYSTEM REQUIRED AND PROVIDED
- 6. SMOKE AND CARBON MONOXIDE DETECTOR/ALARM SYSTEM REQUIRED AND PROVIDED.

T-1 TITLE SHEET

ARCHITECT ELIZABETH BUSCAGLIA, RA 82 PEARL STREET BUFFALO, NY 14202

DEMOLITION:

- D-1 BASEMENT DEMOLITION PLAN AND NOTES
 D-2 FIRST FLOOR DEMOLITION PLAN AND NOTES
 D-3 SECOND FLOOR DEMOLITION PLAN AND NOTES
- ARCHITECTURAL A-1 BASEMENT FLOOR PLAN AND NOTES
- A-2 FIRST FLOOR PLAN AND NOTES
- A-3 SECOND FLOOR PLAN AND NOTES A-4 DOOR SCHEDULE, NOTES AND DETAILS
- A-5 FINISH SCHEDULE, NOTES AND INTERIOR ELEVATIONS
- A-6 INTERIOR ELEVATIONS
 A-1 BASEMENT & FIRST FLOOR REFLECTED CEILING: PLANS & DETAILS
 A-8 SECOND FLOOR REFLECTED CEILING: PLAN
- ENGINEER
- JF CONSULTING ENGINEERS JOHN FRANDINA, PE
- 128 SARA COURT
- LEWISTON, NY 14092 716-870-8108
- MECHANICAL AND PLUMBING
- MP-1 MECHANICAL & PLUMBING SPECIFICATIONS & SCHEDULES MP-2 BASEMENT FLOOR PLAN -MECHANICAL & PLUMBING
- MP-3 FIRST FLOOR PLAN -PLUMBING
- MP-4 SECOND FLOOR PLAN -PLUMBING
- FIRE PROTECTION:FP-1BASEMENT FLOOR PLAN FIRE PROTECTIONFP-2FIRST FLOOR PLAN- FIRE PROTECTION
- FP-3 SECOND FLOOR PLAN- FIRE PROTECTION

ELECTRICAL:

- E-1 ELECTRICAL SPECIFICATIONS AND SCHEDULES E-2 BASEMENT FLOOR PLAN- ELECTRICAL
- E-3 FIRST FLOOR PLAN- ELECTRICAL
- E-4 SECOND FLOOR PLAN- ELECTRICAL

<u>GENERAL DEMOLITION NOTES:</u> CONTRACTOR WILL BE RESPONSIBLE FOR ESTIMATING QUANTITIES OF WORK. A PRE-BID MEETING WILL BE HELD AT THE SITE TO PROVIDE AN OPPORTUNITY TO VERIFY EXISTING CONDITIONS.

ALL REMOVED MATERIALS SHALL BE DISPOSED OF IN A LEGAL MANNER. ALL ATTEMPTS SHALL BE MADE TO SALVAGE REUSABLE & RECYCLABLE MATERIALS.

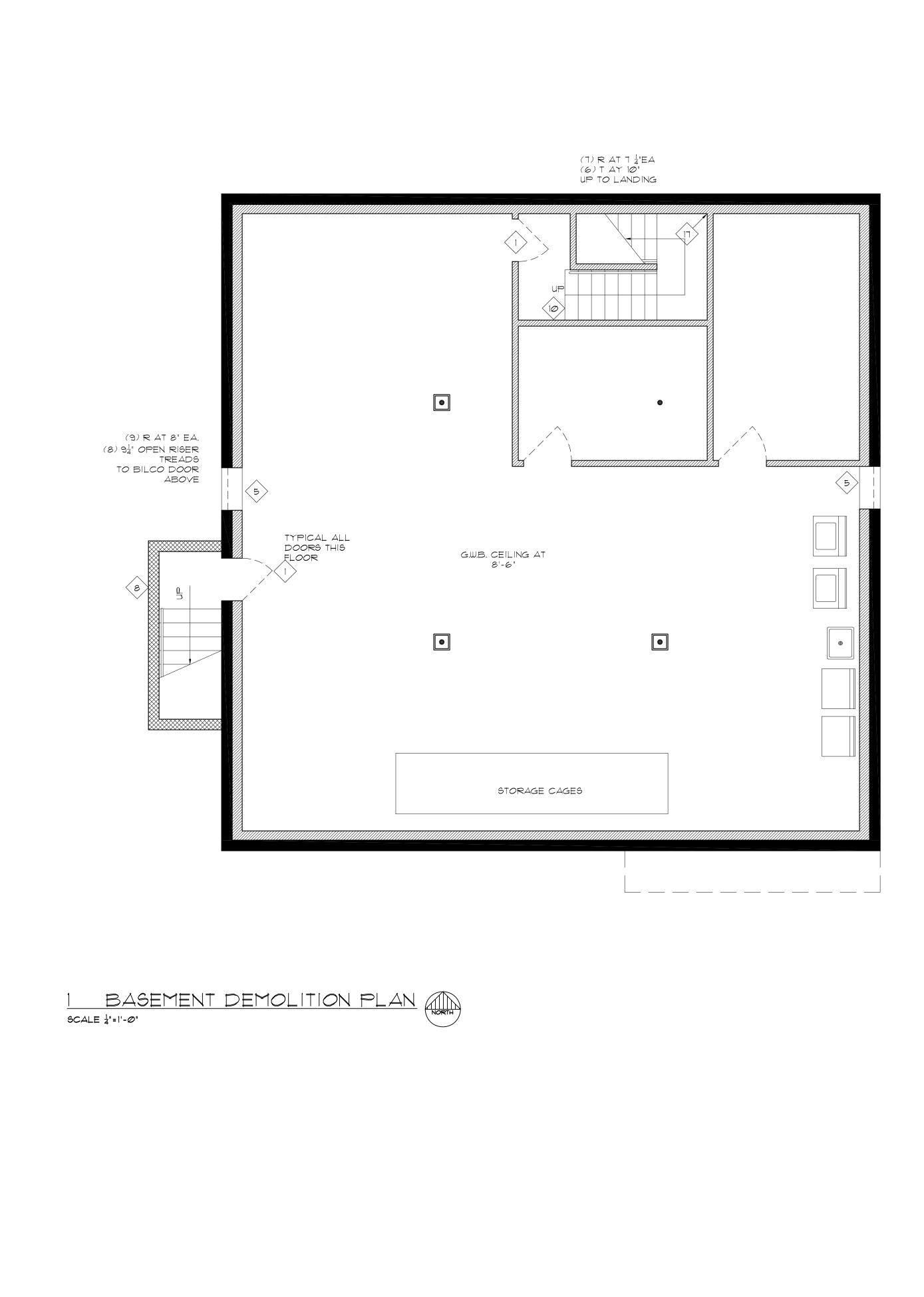
CONTRACTOR IS RESPONSIBLE FOR EVALUATION AND DISPOSAL OF ANY SUSPECTED HAZARDOUS MATERIALS IN A SAFE & LEGAL MANNER..

DO NOT CUT OR PATCH ANY STRUCTURAL ELEMENTS IN A MANNER THAT COULD CHANGE THEIR LOAD-BEARING CAPACITY OR LOAD-DEFLECTION RATIO.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY BRACING NECESSARY TO CONDUCT DEMOLITION AND CONSTRUCTION IN A SAFE MANNER.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ALL PERMANENT STRUCTURAL MEMBERS TO BE INSTALLED IN EXISTING STRUCTURE.

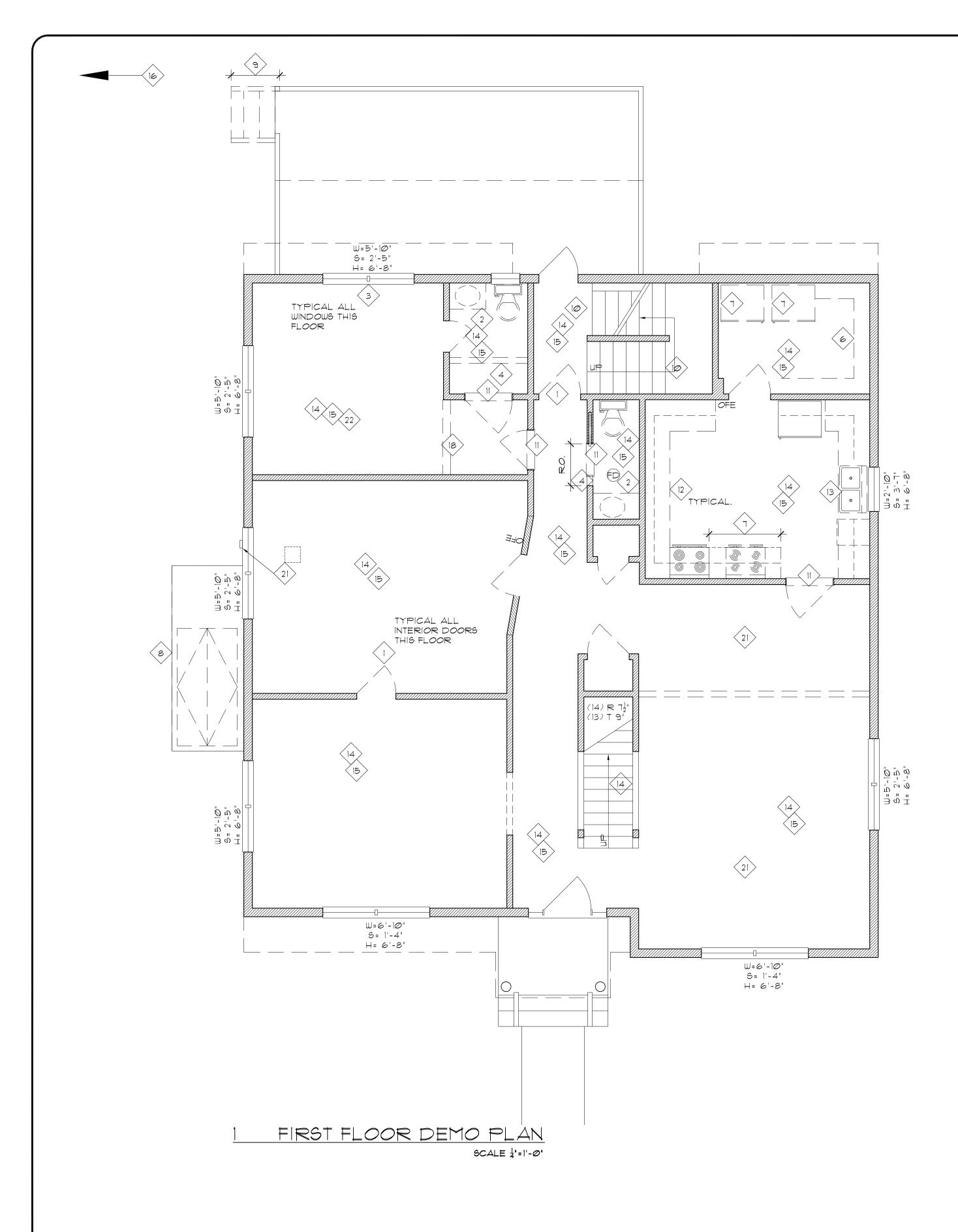
THIS DOCUMENT IS THE PROPERTY OF ELIZABETH BUSCAGLIA ARCHITECT. IT WAS PREPARED AND SUBMITTED FOR THE SPE PROJECT, NAMELY: PROJECT, NAMELY: THE RECIPIENT, BY ACCEPTING THIS DOCUMENT, ASSUMES CUSTODY AND AGREES THAT THIS DOCUMENT WILL NOT BE CO OR REPRODUCED IN PART OR IN WHOLE, AND THAT ANY SPECI FEATURES PECULAR TO THIS DESIGNS HALL NOT BE INCORPORATED INTO ANY OTHER PROJECT UNLESS PRIOR AGREEMENT HAS BEEN OBTAINED IN WRITING, THESE DOCUME WILL BE RETURNED IMMEDIATELY UPON COMPLETION OF THE PROJECT. THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF ELIZABETH BUSCAGLIA, ARCHITECT. NO RIGHTS TO OWNERSHIP ARE TRANSFERABLE, OR SHALL BE LOST BY THE FILING OF THIS DOCUMENT WITH ANY AND ALL PUBLIC AUTHORITIES FOR THE PURPOSE OF COMPLANCE WITH CODES AND/OR ORDINANCES BUILDING PERMIT, ETC. PROPERTY RIGHTS TO THESE DOCUMENTS SHALL NOT BE LOST UNDER BANKRUPTCY OR FORECLOSURE ACTIONS THAT MAY AR AT ANY TIME DURING THE EXECUTION OF THIS PROJECT. Elizabeth Buscaglia ARCHITECT Pearl Street • Buffalo, NY• Tel: 716.847.8464 • Fax: 716.847.2 he ARC of WNY Residence eet The ARC (Reside Sh Ϋ́ Title RUE 95% COX Ming Revision Dete 19.05-28 19.05-31 19.06-10 Ω Z - Ν 0 4 0 June 24, '19 Date Issued Project No Drawing No.



DEMOLITION NOTES

- 1. REMOVE DOOR & FRAME.
- 2. GUT BATHROOMS TO BARE STUDS AND CEILING JOISTS..
 3. REMOVE WINDOW TREATMENTS AND ALL SUPPORTING HARDWARE.
- TYPICAL ALL WINDOWS ALL FLOORS.
- 4. REMOVE PORTION OF WALL AND ANY OUTLETS, SWITCHES, HVAC
- SUPPLY AND RETURN. 5. REMOVE EXISTING WINDOW FROM OPENING.
- 6. REMOVE SHELVING
- 7. REMOVE APPLIANCE, STOVE AND HOOD, AND REMIT TO OWNER.
- REMOVE BASE CABINETS BOTH SIDES OF STOVE. REMOVE METAL BILCO DOOR AND STAIR ENCLOSURE TO TOP OF
- 8. REMOVE ME MASONRY.
- 9. REMOVE DECK STAIRS AND RAIL.
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- 11. REMOVE FRAME TO ROUGH OPENING.
- 12. REMOVE COUNTERS.
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- 16. REMOVE METAL PIPE DUMPSTER ENCLOSURE GATES.
- 17. REMOVE WATER DAMAGED G.W.B.
- 18. REMOVE CEILING AS NECESSARY FOR NEW CONSTRUCTION.
- 19. REMOVE EXISTING EMERGENCY ATTIC ACCESS HATCH. MODIFY
- ROUGH OPENING AS REQUIRED FOR NEW HATCH.
- 20. REMOVE EXISTING FIRE ALARM PANEL. SEE FIRE PROTECTION DRAWINGS.
- 21. REMOVE CEILING FAN AND EXTERIOR LOUVER VENT. SEE MEP DRAWINGS.
- REMOVE WALLPAPER BORDER.
 REMOVE TOWEL BARS.

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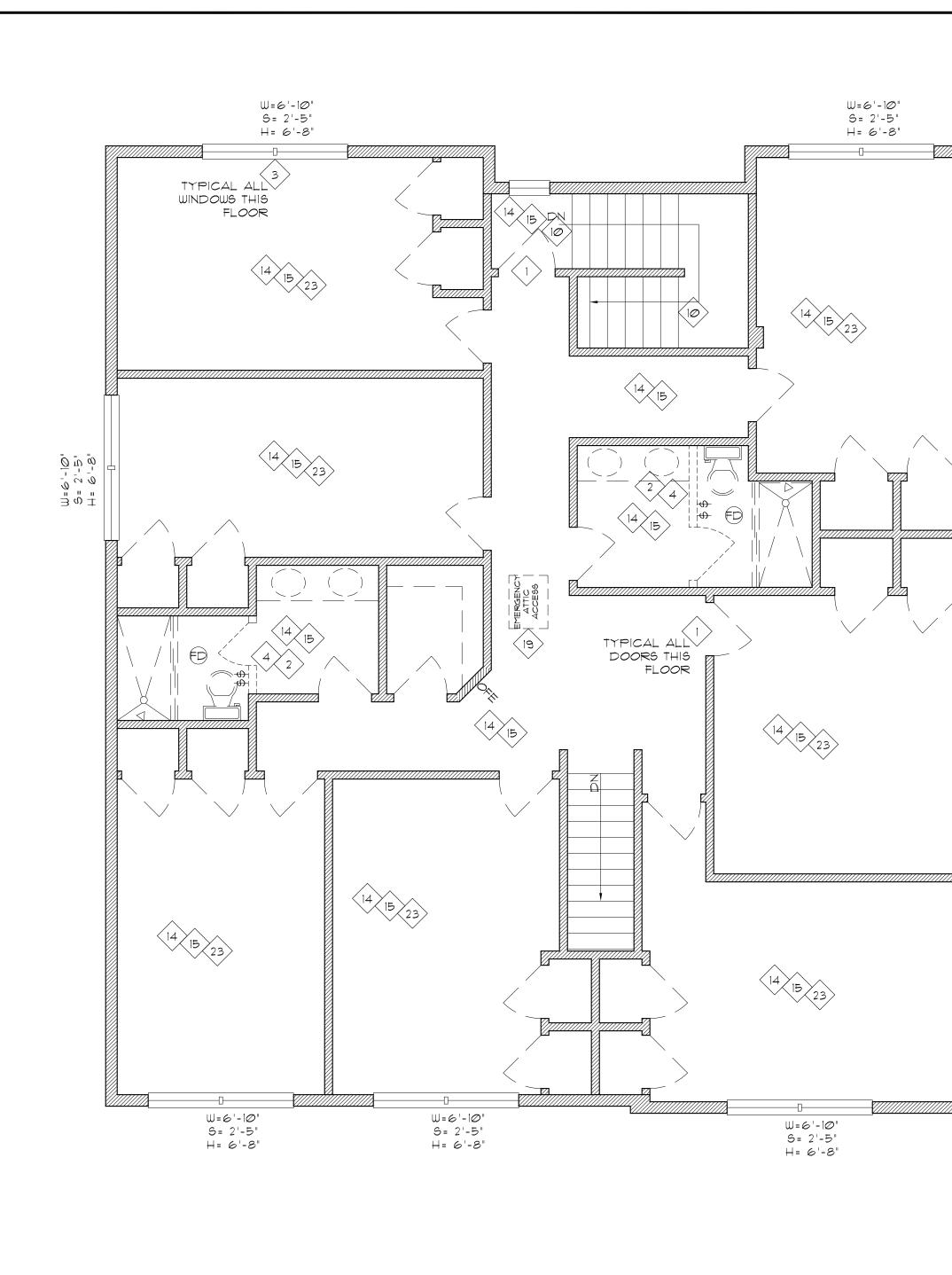


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- 23. REMOVE TOWEL BARS.

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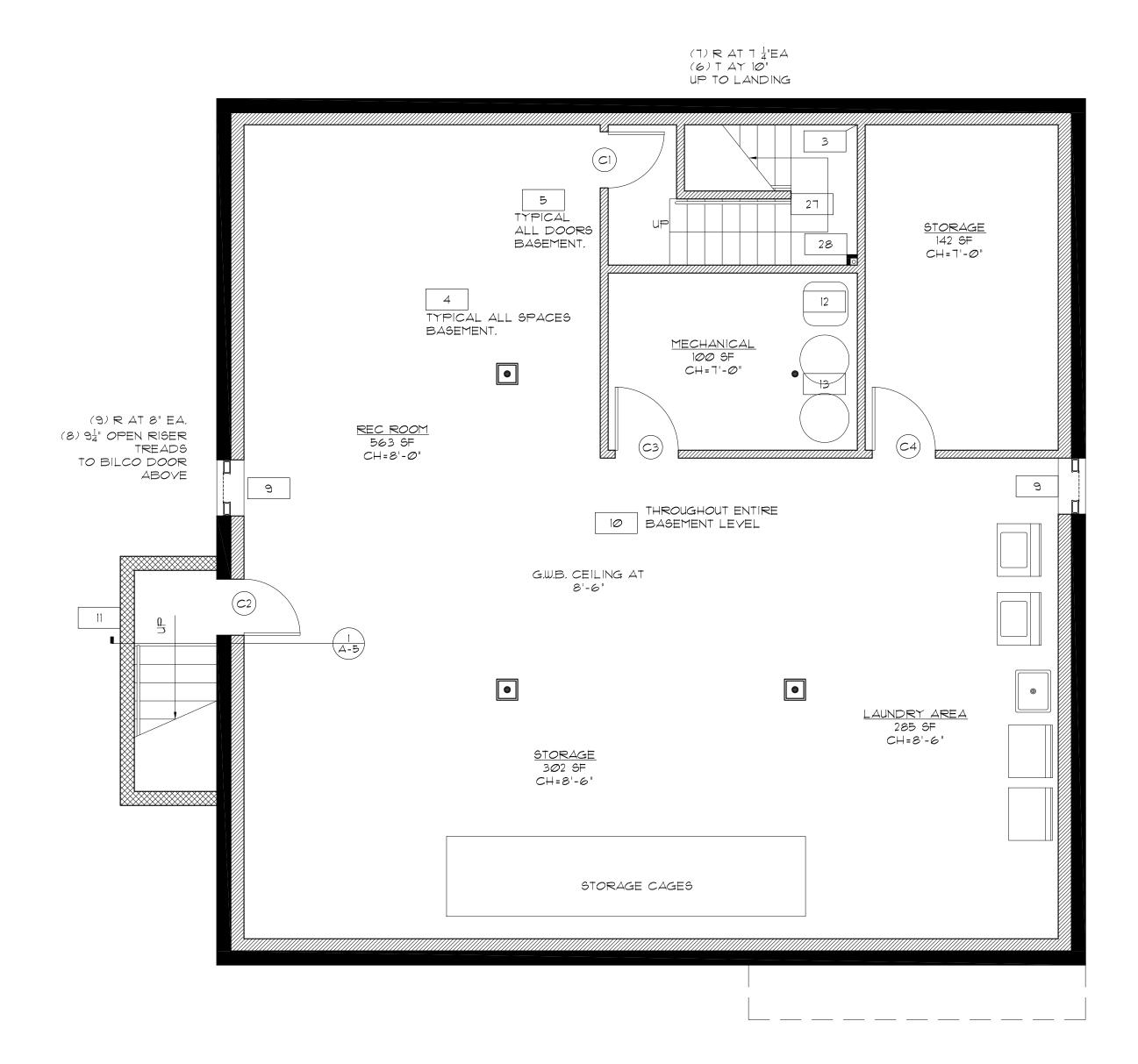


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The ARC of WNY	Residence	38 Aurora Lancaster, NY	Second Floor Demolition Plan
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1 BASEMENT FLOOR PLAN Scale 4"=1'-0"

CONSTRUCTION NOTES

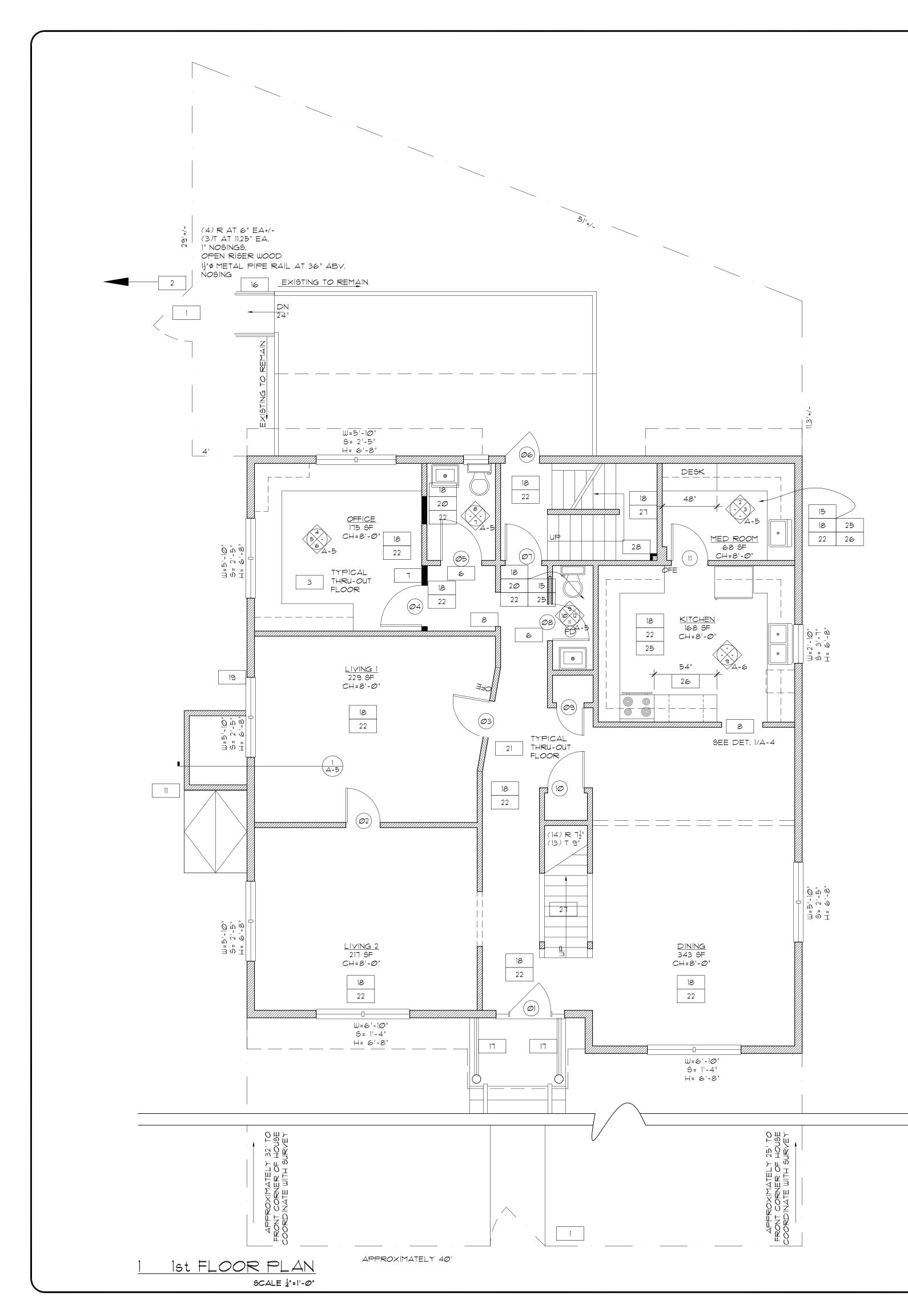
- I. ADD 4' HIGH PVC PICKET FENCE FROM EDGE OF HOUSE TO FRONT PROPERTY LINE AND 5' HIGH BLACK VINYL COATED CHAINLINK FENCE TO REAR PROPERTY LINE AS INDICATED. PROVIDE FRONT AND REAR YARD GATES, 4' WIDE.
- 2. PATCH ASPHALT AT REMOVED GATES IN PARKING AREA.
- 3. PATCH & PAINT G.W.B. AT ALL REMOVED HARDWARE (INCLUDING WINDOW TREATMENTS), EQUIPMENT, LIGHTS, WINDOW TREATMENTS, DAMAGED AREAS, TYP. ALL FLOORS
- 4. INSTALL NEW AUTOMATIC SPRINKLER SYSTEM. SEE FIRE PROTECTION DRAWINGS.
- 5. INSTALL NEW DOORS IN EXISTING FRAMES.

6.

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- INSTALL NEW FRAME AND DOOR IN EXISTING ROUGH OPENING.
- PROVIDE NEW 2×4 AT 16" O.C. STUD WALL WITH 🖉 G.W.B. EA. SIDE
- FLOOR TO STRUCTURE ABOVE. PATCH CEILING. 8. TRIM OUT EXISTING ROUGH OPENING WITH DOOR CASING FOR NEW
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- OPENING IN FIELD. TRIM OUT INTERIOR JAMB, HEAD, AND SILL. 10. INSTALL NEW EXPOSED AUTOMATIC SPRINKLER SYSTEM.
- COORDINATE WITH FIRE PROTECTIONS PLANS. PATCH CEILING FINISHED AS NECESSARY.
- 11. REPLACE EXTERIOR BASEMENT ACCESS W/ BILCO CLASSIC SERIES PRIMED STEEL BASEMENT DOOR (MODEL 'C') OR EQUIVALENT AND BUILD NEW WOOD ENCLOSURE PER DETAIL DRAWINGS. CLEAN AND TUCK POINT INTERIOR OF CMU STAIRWELL WALLS, PARGE, AND PAINT.
- <u>ADD ALTERNATE *2:</u> REPLACE FURNACE. SEE MEP DRAWINGS.
 REPLACE EXISTING WATER TANK. SEE MEP DRAWINGS.
- 14. INSTALL NEW FIRE RATED ATTIC ACCESS HATCH. ELMDOR FRC 22" ×
 30" INSULATED FIRE RATED CEILING ACCESS DOOR, OR EQUIVALENT.
 15. PROVIDE AND INSTALL LOCKING PLASTIC LAMINATE CABINETS PER
- ELEVATIONS.
- 16. PROVIDE NEW P.T. WOOD STEPS AND METAL HANDRAIL.
- 17. NEW 36" HIGH PVC GUARD. SECURE TO WALL AND POSTS.18. PROVIDE NEW WALL BASE. SEE FINISH SCHEDULE.
- 19. PATCH SIDING, MATCH EXISTING.
- 20. PROVIDE NEW PLUMBING FIXTURES. SEE MEP DRAWINGS.
- 21. INSTALL NEW 'POP-DOWN' AUTOMATIC SPRINKLER SYSTEM
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- SCHEDULE. 23. PROVIDE NEW WALL FINISH. SEE FINISH SCHEDULE.
- 24. PROVIDE BATHROOM ACCESSORIES.
- 25. PROVIDE NEW PLASTIC LAMINATE COUNTER TOP. SEE FINISH SCHEDULE.
- 26. PROVIDE NEW CABINETS AND SHELVES TO MATCH EXISTING MAPLE..
- 27. PROVIDE NEW RUBBER TREADS AND LANDINGS.
 28. FIR OUT AT SPRINKLER RISER WITH 2x AND ⁸/₈" G.W.B. COORDINATE
- WITH FIRE PROTECTION DRAWINGS.

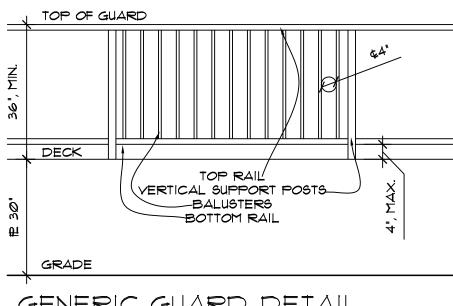
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		Residence				Basement Floor Plan	
				MT APP. 38 Aurora	Lancaster, NY	Basen	
Drawing Revisions:	No. Date By Remarks 1 19.05-21 dep FURTHER FIELD INFO	2 19.05-28 dep 60% PROGRESS SET 3 19.05-31 dep 75% PROGRESS SET	4 19.06-19 dep 95% PROGRESS SET	5 19.06-24 dep BUILDING PERMIT APP.			
	Date I Projec		awir	J - ng N		24, '1	9



CONSTRUCTION NOTES

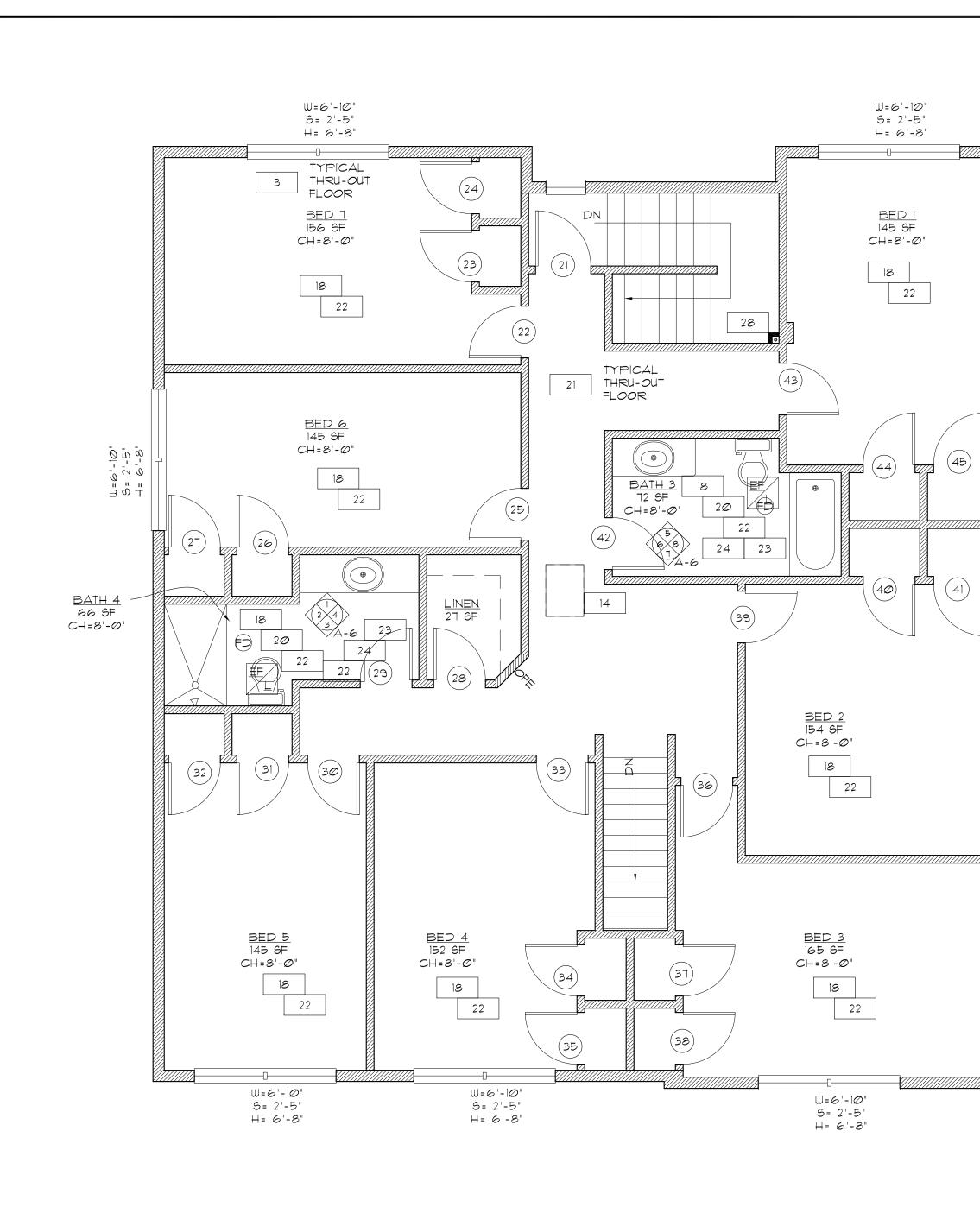
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- 4. INSTALL NEW AUTOMATIC SPRINKLER SYSTEM. SEE FIRE PROTECTION DRAWINGS.
- 5. INSTALL NEW DOORS IN EXISTING FRAMES.
- 6. INSTALL NEW FRAME AND DOOR IN EXISTING ROUGH OPENING.
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GENERIC GUARD DETAIL NOT TO SCALE

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The ARC of WNY	Residence	38 Aurora Lancaster, NY	First Floor Plan
Drawing Revisions: No. Date By Remarka 10.05-21 dep Fumarka FUTHER FIELD NFO		June	24, '19





CONSTRUCTION NOTES

- 1. ADD 4' HIGH PVC PICKET FENCE FROM EDGE OF HOUSE TO FRONT PROPERTY LINE AND 5' HIGH BLACK VINYL COATED CHAINLINK FENCE TO REAR PROPERTY LINE AS INDICATED. PROVIDE FRONT AND REAR YARD GATES, 4' WIDE.
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- 18. PROVIDE NEW WALL BASE. SEE FINISH SCHEDULE.
- 19. PATCH SIDING, MATCH EXISTING.

 $\overline{0}$ $\overline{0}$ $\overline{0}$

∃ 0 = 0 - 2 0 - 2 0

- 20. PROVIDE NEW PLUMBING FIXTURES. SEE MEP DRAWINGS.
- 21. INSTALL NEW 'POP-DOWN' AUTOMATIC SPRINKLER SYSTEM
- THROUGH-OUT FLOOR. REFER TO FIRE PROTECTION PLANS. 22. PREPARE SUB-FLOOR AND INSTALL NEW FINISH FLOOR PER FINISH SCHEDULE.
- 23. PROVIDE NEW WALL FINISH. SEE FINISH SCHEDULE.
- 24. PROVIDE BATHROOM ACCESSORIES.
- 25. PROVIDE NEW PLASTIC LAMINATE COUNTER TOP. SEE FINISH SCHEDULE.
- 26. PROVIDE NEW CABINETS AND SHELVES TO MATCH EXISTING MAPLE..27. PROVIDE NEW RUBBER TREADS AND LANDINGS.
- 28. FIR OUT AT SPRINKLER RISER WITH 2x AND \$" G.W.B. COORDINATE WITH FIRE PROTECTION DRAWINGS.

ARCHITECT. I PROJECT, NAM THE RECIPIEN CUSTODY AND OR REPRODUC FEATURES PEI INCORPORATE AGREEMENT H WILL BE RETU PROJECT. THIS DOCUME BUSCAGLIA, A TRANSFERABL DOCUMENT WI PURPOSE OF O BUILDING PER PROPERTY RIC UNDER BANKR AT ANY TIME L	ILELY: T, BY ACCEPTING AGREES THAT T SED IN PART OR I DINTO ANY OTHIS INS BEEN OBTAIN ANED IMMEDIATE WIT IS THE EXCLU COMPLIANCE WIT MIT, ETC. SHIS TO THESE C UNITY OF FORE UNITY OF FORE U	THIS DOCUMENT THIS DOCUMENT HIS DOCUMENT HIS DOCUMENT UNHOLE, AND T DESIGN SHALL MC ED IN WRITING, LY UPON COMPLI- SIVE PROPERTY GHTS TO OWNET SIVE PROPERTY SIVE PROPERTY SIV	D FOR THE SPECIFIC T, ASSUMES WILL NOT BE COPIE HAT ANY SPECIAL DT BE LESS PRIOR THESE DOCUMENT: ETION OF THE OF ELIZABETH SHIP ARE NG OF THIS ITTES FOR THE R ORDINANCES, I.E. LL NOT BE LOST NS THAT MAY ARIS PROJECT.
The ARC of WNY	Residence	38 Aurora Lancaster, NY	Second Floor Plan
Date I Project		de BultDiva Felwit 44	24, '19

DOOR # DO	OR TYPE	SIZE	DOOR MAT.	FRAME EL.	FRAME MAT.	FRAME DET.	HARDWARE	LABEL	REMARKS
ASEMENT									
Cl	А	2'-8"×6'-8"	НМ	F2	HМ	2	2	1 HR	HOLD OPEN CONNECT TO ALARM
C2	A	2'-8"x6'-8"	HM	F2	HM	2	3	Ø	INSULATED
C3	A	3'-Ø"×6'-8"	WD	F2	HM	2	3	Ø	
C4	A	3'-Ø"×6'-8"	WD	F2	HM	2	3	Ø	
RST FLOOR							_		
Ø1 E		3'-Ø"×6'-8"					1		COORD. W/ OWNER RE: DELAYED EGRESS
Ø2	А	2'-6 " ×6'-8"	WD	F2	ΗМ	2	4	Ø	
Ø3	А	2'-8"×6'-8"	WD	F2	ΗМ	2	4	Ø	
Ø4	А	3' -Ø" ×6'-8"	WD	F2	ΗМ	2	5	Ø	
Ø5	А	3' -Ø" ×6'-8"	WD	F2	НМ	2	5	Ø	
Ø6 E		2'-6"×6'-8"					1		COORD. W/ OWNER RE: DELAYED EGRESS
ØT	А	2'-8"×6'-8"	ΗM	F2	НМ	2	2	1 HR	HOLD OPEN CONNECT TO ALARM, PAINT
Ø8	А	2'-8"×6'-8"	WD	F2	НМ	2	5	Ø	REPLACEMENT FOR POCKET DOOR
Øg	А	2'-Ø"×6'-8"	WD	F2	ЦМ	2	6	Ø	
10	А	2'-8"×6'-8"	WD	F2	ЦМ	2	6	Ø	
11	А	2'-8"×6'-8"	WD	F2	ΗM	2	5	Ø	
ECOND FLOC	0R								
21	А	2'-8"×6'-8"	HМ	F2	нM	2	2	1 HR	HOLD OPEN CONNECT TO F.P. SYSTEMS
22	А	2'-6"×6'-8"	WD	F2	нМ	2	Т	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
23	А	2'-6"×6'-8"	WD	F2	НМ	2	8	Ø	
24	А	2' -6" ×6'-8"	WD	F2	нм	2	8	Ø	
25	А	2' -6" ×6'-8"	WD	F2	нм	2	Г	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
26	А	2' -6"×6'-8 "	WD	F2	нм	2	8	Ø	
27	А	2' -6"×6'-8 "	WD	F2	НМ	2	8	Ø	
28	А	2' -6"×6'-8 "	WD	F2	нм	2	6	Ø	
29	А	2' -6"×6'-8 "	WD	F2	НМ	2	5	Ø	UNDERCUT 3/4"
3Ø	А	2'-6"×6'-8"	WD	F2	нм	2	Т	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
31	А	2'-6"×6'-8"	WD	F2	HМ	2	8	Ø	
32	А	2'-6"×6'-8"	WD	F2	нм	2	8	Ø	
33	А	2'-6"×6'-8"	WD	F2	НМ	2	٦	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
34	А	2'-6"×6'-8"	WD	F2	нм	2	8	Ø	
35	А	2'-6"×6'-8"	WD	F2	НМ	2	8	Ø	
36	A	2'-6"×6'-8"	WD	F2	НМ	2	٦	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
37	A	2'-6"×6'-8"	WD	F2	нм	2	8	Ø	
38	A	2'-6"×6'-8"	WD	F2	HM	2	8	Ø	
39	A	2'-6"x6'-8"	WD	F2	нм	2	г	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
4Ø	A	2'-6"×6'-8"	WD	F2	HM	2	8	Ø	
41	A	2'-6"×6'-8"	WD	F2	нм	2	8	Ø	
42	A	2'-6"×6'-8"	WD	F2	НМ	2	5	Ø	UNDERCUT 3/4"
43	А	2'-6"×6'-8"	WD	F2	НМ	2	Г	1/2 HR	HOLD OPEN CONNECT TO F.P. SYSTEM
44	А	2'-6"×6'-8"	WD	F2	нм	2	8	Ø	
45	A	2'-6"x6'-8"	WD	F2	нM	2	8	Ø	

NOTES:

VERIFY ALL DOOR SIZES AND EXISTING SWINGS IN FIELD BEFORE ORDERING REPLACEMENT DOORS.
 ALL WOOD DOORS TO BE MASONITE 'CENDURA SERIES' FACE GRADE 'A' SOLD CORE. FACTORY

2. ALL WOOD DOORS TO BE MAS PRIMED AND FIELD PAINTED.

3. ALL HOLLOW METAL DOORS AND FRAMES TO BE FACTORY PRIMED FOR FIELD PAINTING.

4. FIRE RATED WOOD DOORS TO BE 1 $\frac{3}{4}$ " THICK, ALL OTHER WOOD DOORS TO BE 1 $\frac{3}{6}$ " TK.

HARDWARE GROUPS:

1. <u>Exterior doors</u> (1) Lockset

(2) LEVERS COORDINATE WITH OWNER FOR DELAYED EGRESS

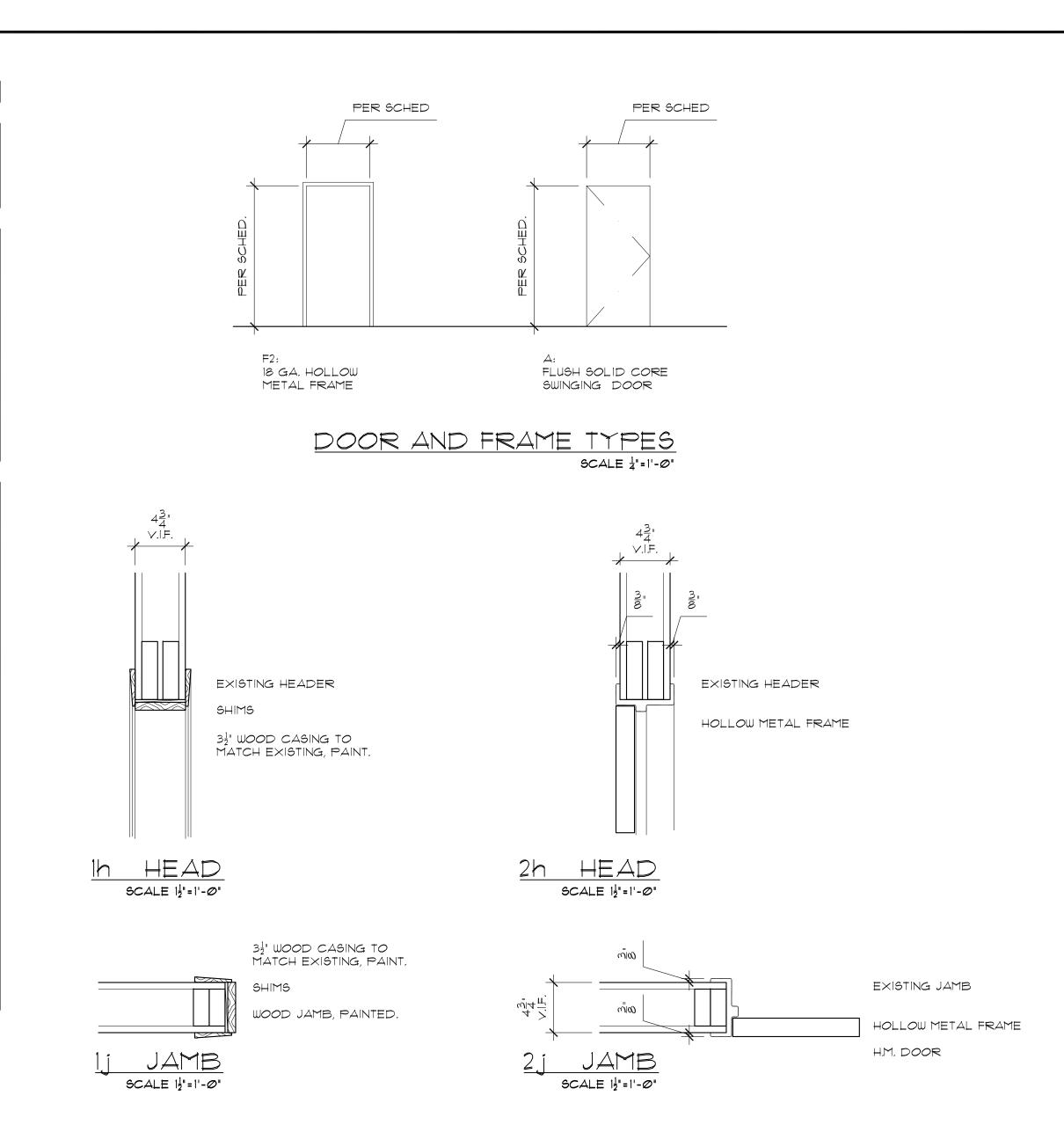
2. <u>STAIR HALL DOORS</u> (1^{1}_{2})PAIR HINGES (2) LEVERS (1) LATCHSET (1) CLOSER

(1) MAGNETIC HOLD OPEN, CONNECT TO FIRE PROTECTION SYSTEMS.

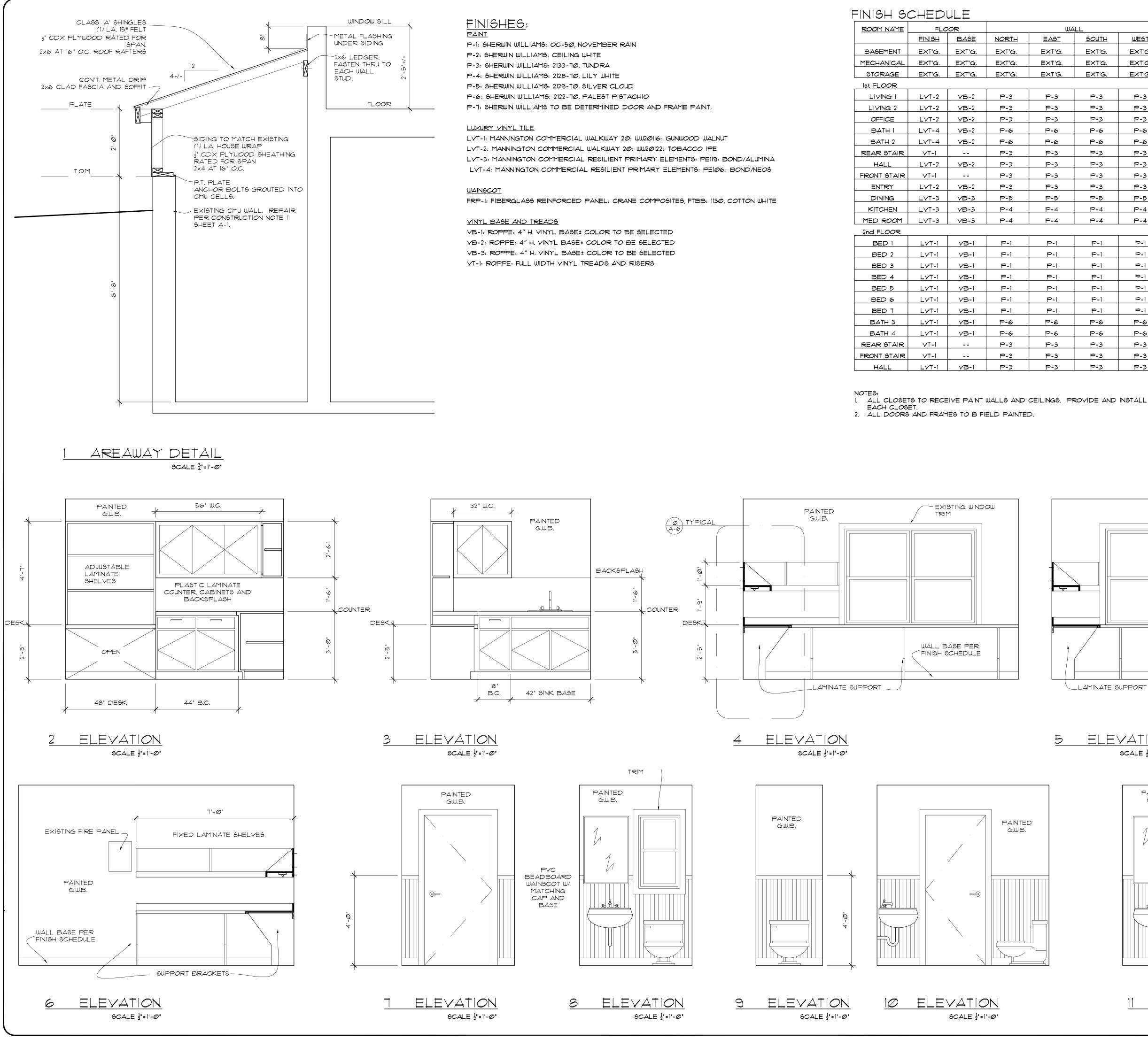
- 3. AREAWAY/MECHANICAL/STORAGE
- (1¹/₂) PAIR HINGES (1) KEYED LOCKSET (2) LEVERS 4. <u>PASSAGE</u>
- (12) PAIR HINGES (2) LEVERS (1) LATCHSET
- 5. <u>OFFICE/LAV'S</u> $(1\frac{1}{2})$ PAIR HINGES (2) LEVERS (1) PRIVACY LOCKSET
- 6. <u>COMMON CLOSETS</u> $(1^{\frac{1}{2}})$ PAIR HINGES (1) LEVER (1) KEYED LOCKSET
- 7. <u>BEDROOMS</u> (1¹/₂) PAIR HINGES (2) LEVERS (1) PRIVACY LOCKSET

(1) CLOSER (1) MAGNETIC HOLD OPEN CONNECT TO FIRE PROTECTION SYSTEMS.

8. <u>PRIVATE CLOSETS</u> $(1\frac{1}{2})$ PAIR HINGES (1) LEVER (1) LATCH SET



PROJECT, NAME THE RECIPIENT, CUSTODY AND A OR REPRODUCE FEATURES PECL INCORPORATED AGREEMENT HA WILL BE RETURN PROJECT. THIS DOCUMENT BUSCAGLIA, ARC TRANSFERABLE, DOCUMENT WITH PURPOSE OF CC BUILDING PERMI PROPERTY IGH UNDER BANKRUI AT ANY TIME DUI	VAS PREPARED LY: BY ACCEPTING GREES THAT TH UIN TO ANY OTHE S BEEN OBTAINI IST THE EXCLUS INTO ANY OTHE S BEEN OBTAINI IED IMMEDIATEL IS THE EXCLUS INTE EXCLUS INTE EXCLUS INTE EXCLUS INTO ANY AND ALL F MAPLIANCE WITH T, ETC. TS TO THESE DA TICY OF FOREC RING THE EXECT	AND SUBMITTED THIS DOCUMENT IIS DOCUMENT IIS DOCUMENT IIS DOCUMENT IIS DOCUMENT SIGN SHALL NG IP PROJECT UN ED IN WRITING, I'U PON COMPL INFE PROPERTY SHITS TO OWNEF INFE PROPERTY SHITS TO OWNEF INFE PROPERTY SHITS TO OWNEF INFE PROPERTY SHITS SHAL DOCUMENTS SHA DOCUMENTS	D FOR THE SPECIFI T, ASSUMES WILL NOT BE COPIE HAT ANY SPECIAL DT BE ESS PRIOR THESE DOCUMENT ETION OF THE COF ELIZABETH SHIP ARE NG OF THIS ITIES FOR THE R ORDINANCES, LE LL NOT BE LOST NS THAT MAY ARIS PROJECT.
The ARC of WNY	Residence	38 Aurora Lancaster, NY	Door Schedule and Details
Drawing Revisions: No. Date By 1 19.05-21 dep	2 19.05-28 dep 60% FHOGHESS BET 3 19.05-31 dep 75% PROGHESS BET 4 19.06-10 dep 95% PROGHESS BET	5 19.06-24 dep BUILDING PERMIT APP.	
Date Is Project	No.	June	24, '19

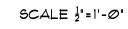


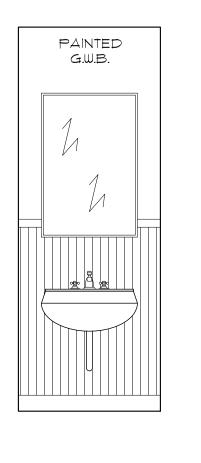
	FINISH SCHEDULE					1		THIS DOCUMENT IS THE PROPERTY OF ELIZABETH BUSCAGL ARCHITECT. IT WAS PREPARED AND SUBMITTED FOR THE S PROJECT, NAMELY: THE RECIPIENT, BY ACCEPTING THIS DOCUMENT, ASSUMES
	ROOM NAME FLOOR		W∠			CEILING	REMARKS	CUSTODY AND AGREES THAT THIS DOCUMENT WILL NOT BE OR REPRODUCED IN PART OR IN WHOLE, AND THAT ANY SPF FEATURES PECULIAR TO THIS DESIGN SHALL NOT BE INCORPORATED INTO ANY OTHER PROJECT UNLESS PRIOR
MG: OC-50, NOVEMBER RAIN	<u>FINISH</u> <u>BASE</u>	<u>NORTH</u>	<u>EAST</u>	<u>SOUTH</u>	WEST	<u>FINISH</u>		AGREEMENT HAS BEEN OBTAINED IN WRITING. THESE DOCU WILL BE RETURNED IMMEDIATELY UPON COMPLETION OF TH PROJECT.
AMS: CEILING WHITE	BASEMENT EXT'G. EXT'G	EXT'G.	EXT'G.	EXT'G.	EXT'G.	EXT'G.		THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF ELIZABET BUSCAGLIA, ARCHITECT, NO RIGHTS TO OWNERSHIP ARE
AM6: 2133-70, TUNDRA	MECHANICAL EXT'G. EXT'G	EXT'G.	EXT'G.	EXT'G.	EXT'G.	EXT'G.		TRANSFERABLE, OR SHALL BE LOST BY THE FIUNG OF THIS DOCUMENT WITH ANY AND ALL PUBLIC AUTHORITIES FOR TH PURPOSE OF COMPLIANCE WITH CODES AND/OR ORDINANC
AMS: 2128-70, LILY WHITE	STORAGE EXT'G. EXT'G	EXT'G.	EXT'G.	EXT'G.	EXT'G.	EXT'G.		BUILDING PERMIT, ETC. PROPERTY RIGHTS TO THESE DOCUMENTS SHALL NOT BE L
AMS: 2129-70, SILVER CLOUD	ist FLOOR			1		1		UNDER BANKRUPTCY OR FORECLOSURE ACTIONS THAT MAY AT ANY TIME DURING THE EXECUTION OF THIS PROJECT.
AMS: 2122-70, PALEST PISTACHIO	LIVING I LVT-2 VB-2	P-3	P-3	P-3	P-3	P-2		
AMS TO BE DETERMINED DOOR AND FRAME PAINT.	LIVING 2 LVT-2 VB-2	P-3	P-3	P-3	P-3	P-2		Elizabeth Buscagli
	OFFICE LVT-2 VB-2	P-3	P-3	P-3	P-3	P-2		ARCHITECT
	BATH 1 LVT-4 VB-2	P-6	P-6	P-6	P-6	P-2	4'-0" FRP WAINSCOT	82 Pearl Street • Buffalo, NV• Tel: 716.847.8464 • Fax: 716.847
COMMERCIAL WALKWAY 20: WW20116: GUNWOOD WALNUT	BATH 2 LVT-4 VB-2	P-6	P-6	P-6	P-6	P-2	4'-Ø" FRP WAINSCOT	
COMMERCIAL WALKWAY 20: WW20122: TOBACCO IPE	REAR STAIR VT-1	P-3	P-3	P-3	P-3	P-2		
COMMERCIAL REGILIENT PRIMARY ELEMENTS: PE119: BOND/ALUMINA	HALL LVT-2 VB-2	P-3	P-3	P-3	P-3	P-2		
I COMMERCIAL RESILIENT PRIMARY ELEMENTS: PEIØG: BOND/NEOS	FRONT STAIR VT-1	P-3	P-3	P-3	P-3	P-2		
	ENTRY LVT-2 VB-2	P-3	P-3	P-3	P-3	P-2		
	DINING LVT-3 VB-3		P-5	P-5	P-5	P-2		
REINFORCED PANEL: CRANE COMPOSITES, FTBB: 1130, COTTON WHITE	KITCHEN LVT-3 VB-3		P-4	P-4	P-4	P-2		
	MED ROOM LVT-3 VB-3		P-4	P-4	P-4	P-2		
<u>READS</u> VINYL BASE± COLOR TO BE SELECTED	2nd FLOOR		⁻ = 4	│	⁻ −	1 - 2		
VINTL BASE + COLOR TO BE SELECTED								
VINTL BASE + COLOR TO BE SELECTED	BED 1 LVT-1 VB-1	P-1	P-1	P-1	P-1	P-2		
UIDTH VINYL TREADS AND RISERS	BED 2 LVT-1 VB-1	P-1	P-1	P-1	P-1	P-2		
	BED 3 LVT-1 VB-1	P-1	P-1	P-1	P-1	P-2		
	BED 4 LVT-1 VB-1		P-1	P-1	P-1	P-2		
	BED 5 LVT-1 VB-1		p- 1	P-1	P-1	P-2		
	BED 6 LVT-1 VB-1		P-1	P-1	P-1	P-2		I · · · ·
	BED 1 LVT-1 VB-1	P-1	P-1	P-1	P-1	P-2		
	BATH 3 LVT-1 VB-1	P-6	P-6	P-6	P-6	P-2	5'-0" FRP WAINSCOT	
	BATH 4 LVT-1 VB-1	P-6	P-6	P-6	P-6	P-2	5'-0" FRP WAINSCOT	
	REAR STAIR VT-1	P-3	P-3	P-3	P-3	P-2		
	FRONT STAIR VT-1	P-3	P-3	P-3	P-3	P-2		
	HALL LVT-1 VB-1	P-3	P-3	P-3	P-3	P-2		U
	NOTES: 1. ALL CLOSETS TO RECEIVE PAIL EACH CLOSET. 2. ALL DOORS AND FRAMES TO E			ROVIDE AND	INSTALL WIF	RE SHELF AND	COAT ROD	Prior Flevatio
AINTED GWB. BACKSPLASH GWER COUNTER BACKSPLASH		NDOM					BTING WINDOW 1 PAINTED G.W.B.	Schedule and Inte



WALL BASE PER

FINISH SCHEDULE



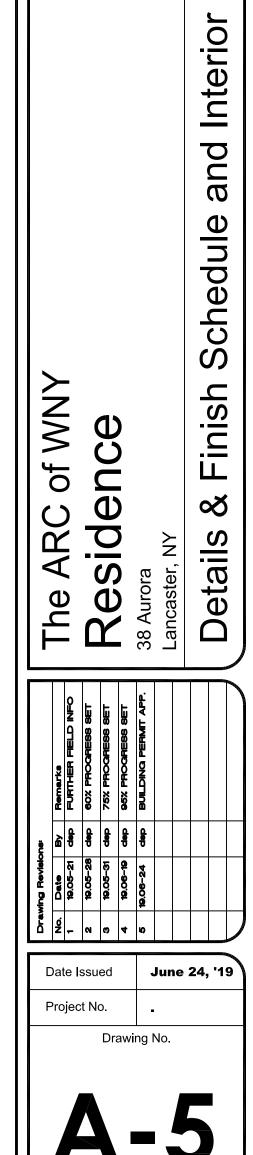


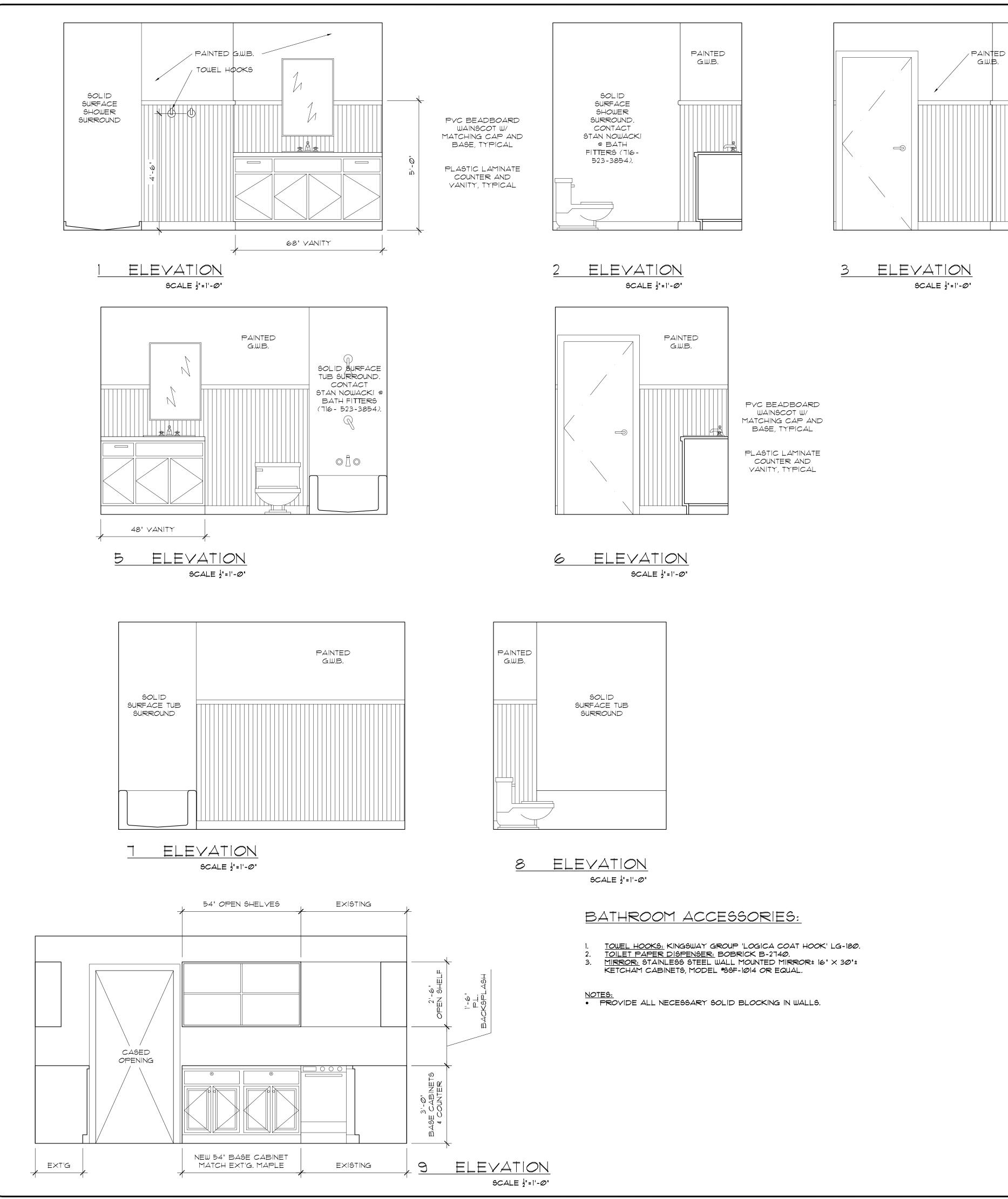
11 ELEVATION

SCALE ¹/₂"=1'-Ø"

PAINTED G.W.B. $12 \quad \text{ELEVATION}$

SCALE $\frac{1}{2}$ "=1'-Ø"





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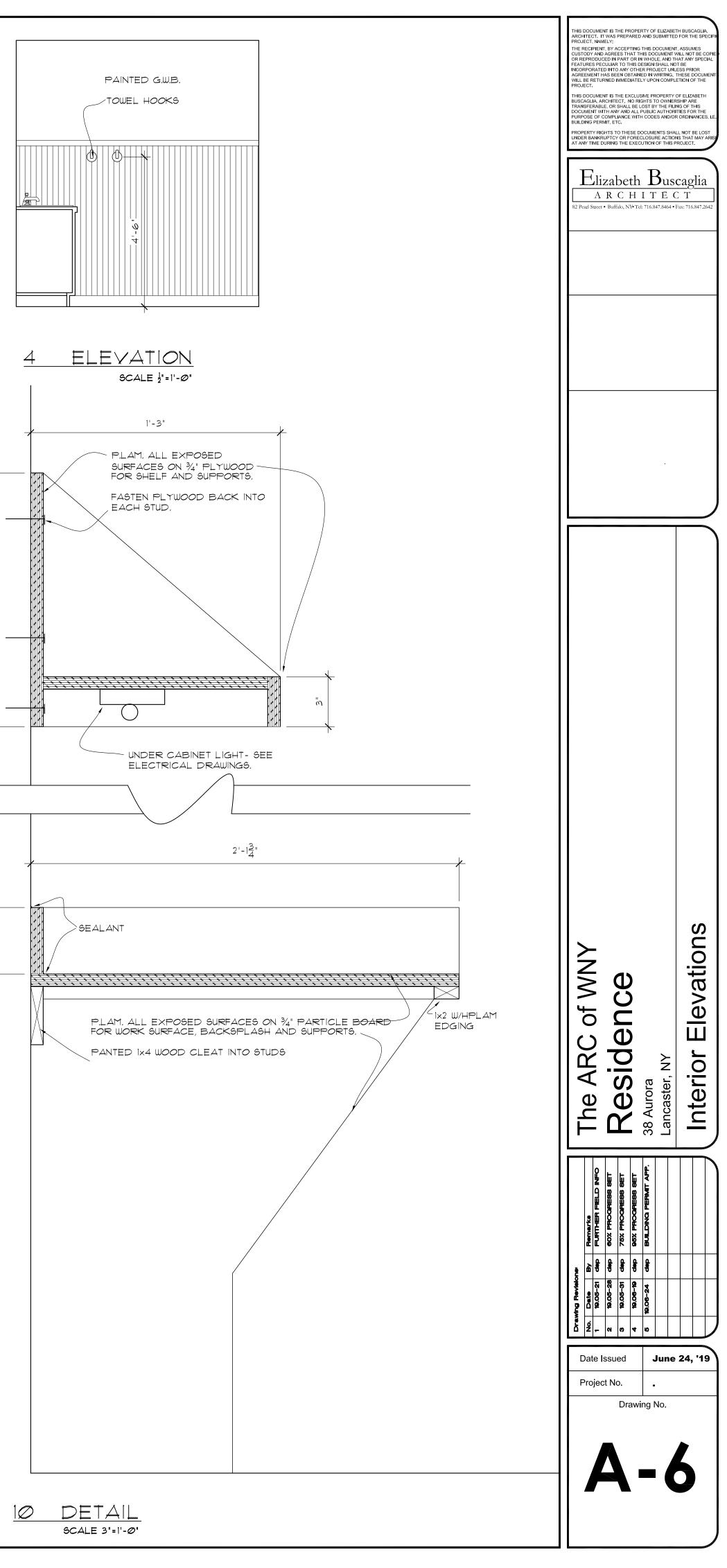
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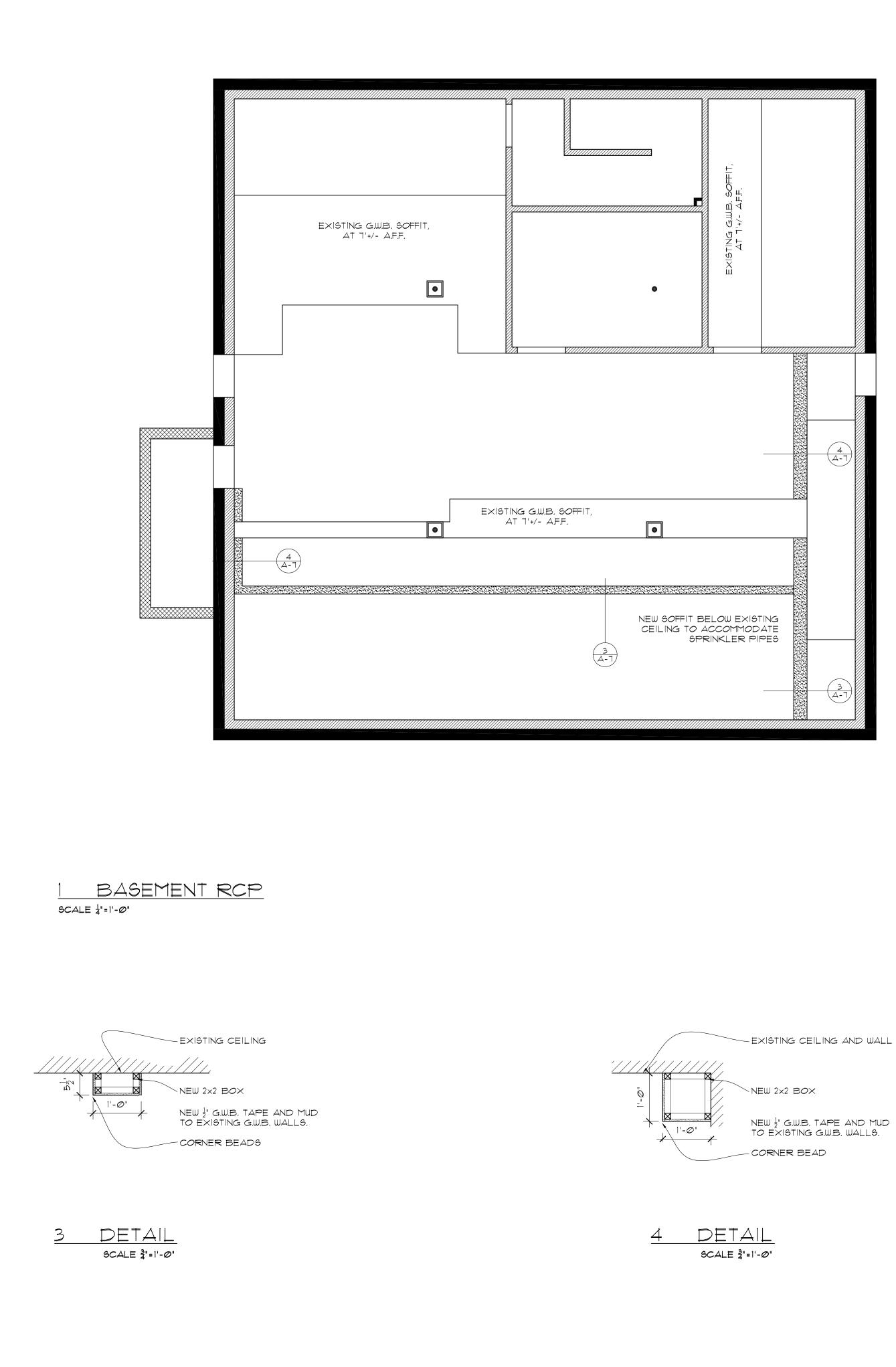
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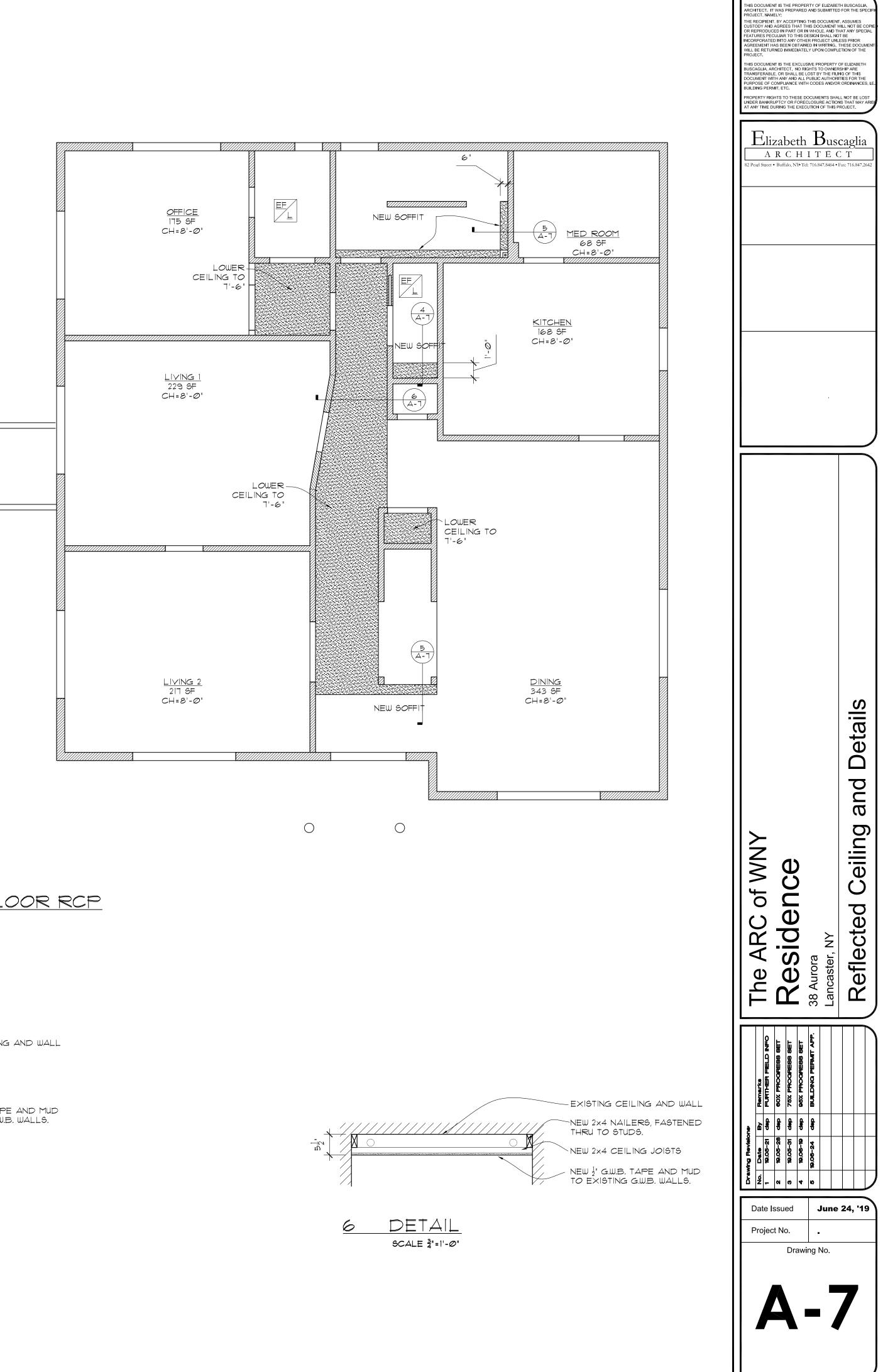
SOLID

SURFACE SHOWER

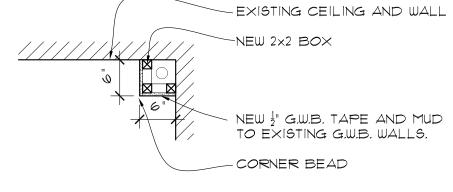
SURROUND



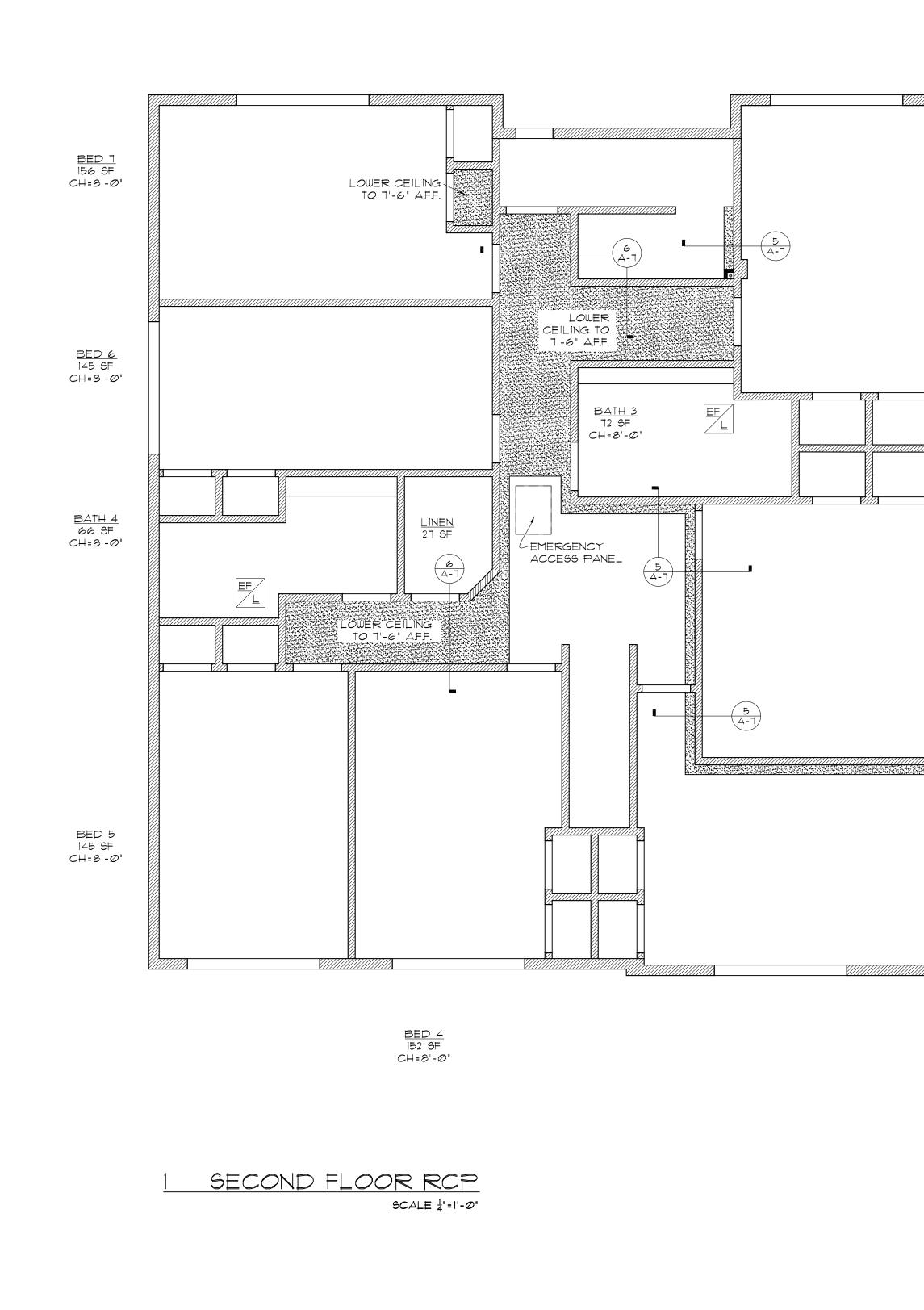












<u>BED 1</u> 145 SF CH=8'-Ø"

<u>BED 2</u> 154 SF CH=8'-Ø"

<u>BED 3</u> 165 SF CH=8'-Ø"

C of WNY ence Floor Reflected Ceiling Plan	ARCHITECT. PROJECT, M2 THE RECIPIE CUSTODY AN OR REPRODI FEATURES P INCORPORAT AGREEMENT WILL BE RET PROJECT. THIS DOCUMENT I DOCUMENT I DUROSE OF BUILDING PE PROPERTY R UNDER BANK AT ANY TIME	NT, BY ACCEPTIN ID AGREES THAT ICED IN PART OR EQULIAR TO THIS TEO INTO ANY OTH HAS BEEN OBTAIL URNED IMMEDIAT ENT IS THE EXCLI ARCHITECT. NO F UTH ANY AND AL EL, OR SHALL BE WITH ANY AND AL EL, OR SHALL BE WITH ANY AND AL ICOMPLIANCE WITH ANY AND RMIT, ETC.	D AND SUE G THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU DESIGN SH ER PROJECT NED IN WR ELY UPONI- SIME PROJ NED IN WR ELY UPONI- THIS DOCU LOST BY T PUBLIC AL THIS DOCU THIS THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS DOCU THIS THIS TO THE THE THIS TO THE THIS TO THE THE THE THIS TO THE THE THE THIS TO THE THIS TO THE	IMITTED I SUMENT, MENT WI AND THA AND THA AND THA AND THA COMPLET PERTY OF OWNERS HE FILING THORITI AND/OR OF FS SHALL FS SHALL CUSC	FOR THE SPECIFI ASSUMES LL NOT BE COPIE SPRIOR SPRI
	The ARC of WNY	Residence			
Trd Reviek Dete 18.05-28 19.05-28 19.05-38 19.06-124	Date	Issued	- ving N		24, '19

ADD ALTERNATE NO. 2

FURNACE SCHEDULE HEATING CAPACITY COOLING CAPACITY EXTERNAL NOM. LOCATION DESCRIPTION MANUF./ MODEL NO. STATIC INPUT OUTPUT SENS. | TOTAL |NOMINAL CFM AFUE PRESS MBH MBH MBH MBH TONS FURNACE, MULTI-POSITION, CARRIER INFINITY BASEMENT 117 120 HI-EFF., VARIABLE, DIRECT | MODEL # 59MN7A120V 2185 97.2% 38.5 50 76 48 5.0 78 VENT, ENERGY STAR. 900 48 47

ACCESSORIES: 1. INDOOR COIL

UNIT NO.

F-1

2. CONCENTRIC VENT TERMINATION KIT

3. R-410A CHARGE, LINE SET/PIPING. 4. FILTER RACK WITH THROW-AWAY PLEATED FILTERS (PROVIDE 6 SPARE).

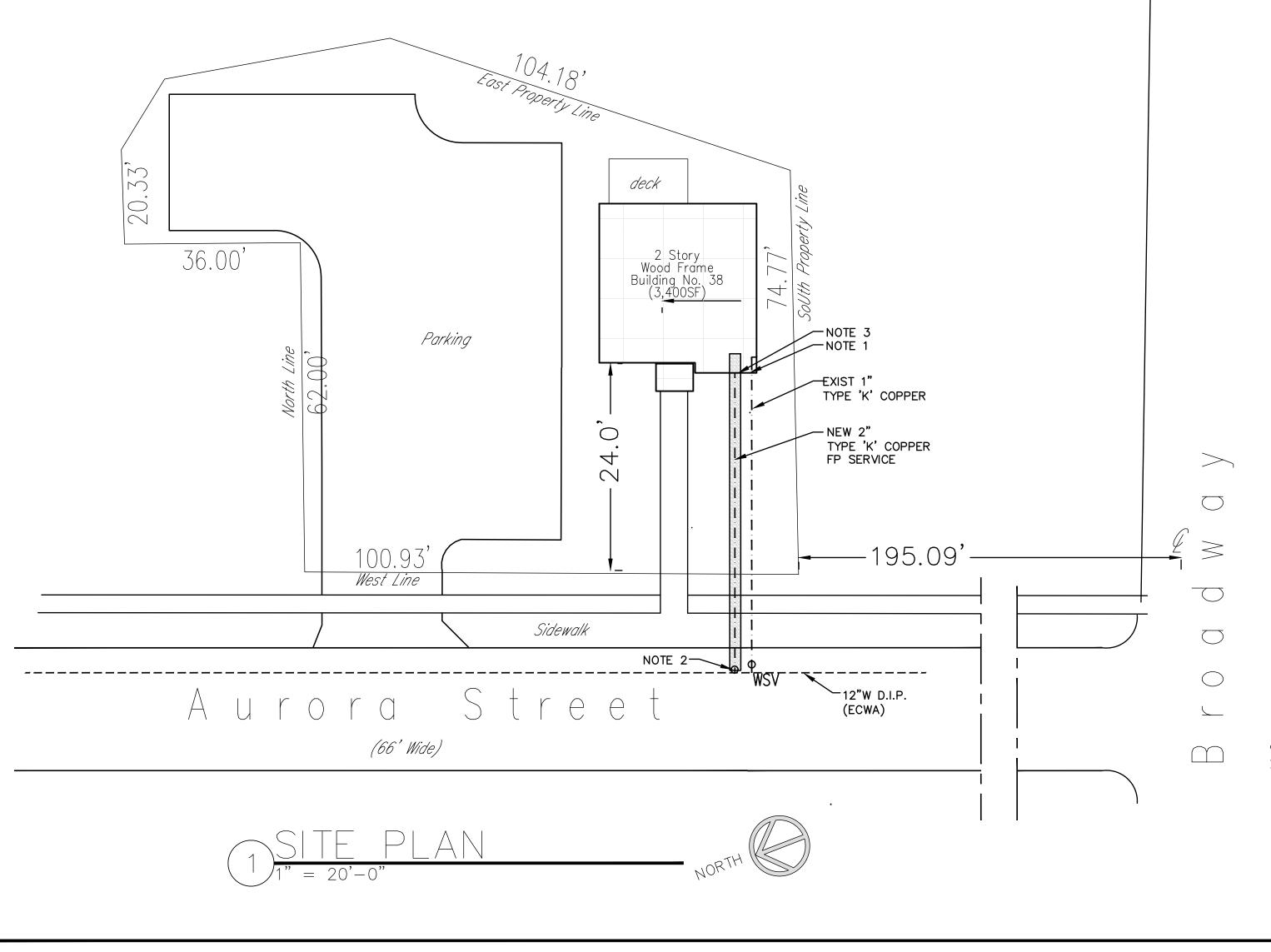
5. PROGRAMMABLE THERMOSTAT

ADD ALTERNATE NO. 2

CONDENSING UNIT SCHEDULE

		COOLING			EL	ECTRICAL		
UNIT NO.	DESCRIPTION	CAPACITY	EFF. RATINGS	MANUF./ MODEL NO.	V/PH/Hz	MCA	MAX O.C.P.	REMARKS/ACCESSORIES
CU-1	OUTDOOR AIR–COOLED CONDENSING UNIT, R410A, VARIABLE–5 STAGES	60MBH (5TON)	19 SEER	CARRIER INFINITY MODEL #24VNA960	208-230/ 1/60	40.8A	60A	PROVIDE MATCHING TXV AND INDOOR COIL FOR RATED VIBRATION PAD.

			EXHA	UST FA	N S	CHEDULI	Ξ	
UNIT	ROOM SERVED	CFM	EXTERNAL S.P. (IN.)	WATTS OR HP	RPM	ELECTRICAL	SONES	MANUF./ MODEL #
EF-1,2,3,4	BATHROOMS	110	0.2	0.9A/8.7W	Ι	120/1/60	0.3	BROAN / XB110L
1. BACKDRA 2. LOUVERE	ACCESSORIES: REMARKS: 1. BACKDRAFT DAMPER. 1. ENERGY STAR LABEL. 2. LOUVERED WALL DISCHARGE. 1. ENERGY STAR LABEL. 3. LIGHT AND NIGHT LIGHT.							



HP RPM EFF.	ELECTRI V/PH/Hz	C M.C.A.	MAX 0.C.P.	ACCESSORIES
1/2HP	120/1/60	11.5A	20A	1,2,3,4,5,6

PLUMBING SPECIFICATIONS

1. GENERAL

- A. ALL PLUMBING WORK IS SUBLECT TO THE GENERAL REQUIREMENTS OF THE CONTRACT. ALL OTHER ARTICLES EITHER SHOWN ON THE PLANS OR MENTIONED IN THE SPECIFICATIONS, TOGETHER WITH ALL NECESSARY FOR INCIDENTAL TO THE COMPLETION OF THE WORK, SHALL BE FURNISHED AND INSTALLED BY THE RESPECTIVE PLUMBING CONTRACTOR, UNLESS OTHERWISE STATED. ALL ADJUSTMENTS SHALL BE MADE AND SYSTEM TURNED OVER TO THE OWNER IN PERFECT WORKING ORDER.
- 2. LAWS, CODES, PERMITS AND INSPECTIONS
- A. FILE ALL PLANS AND PAY FOR NECESSARY PERMITS AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER THIS WORK. B. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE FEDERAL,
- STATE, ENERGY CONSERVATION AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION OVER THIS WORK. THESE CODES SHALL SUPERSEDE THE SPECIFICATIONS AND DRAWINGS.
- C. AT THE COMPLETIONS OF THE WORK, THE PLUMBING CONTRACTOR SHALL DELIVER TO THE OWNER A CERTIFICATE OF INSPECTION AND ACCEPTANCE OF THE WORK BY THE LOCAL INSPECTION AUTHORITY.

3. GUARANTEE

- A. THE CONTRACTOR SHALL GIVE A WRITTEN GUARANTEE UPON FINAL ACCEPTANCE OF THE WORK AGAINST DEFECTIVE WORKMANSHIP, MATERIALS, OR OPERATION THAT MAY RESULT WITHIN ONE (1) YEAR OF FINAL ACCEPTANCE BY THE OWNER.
- 4. EQUIPMENT AND MATERIALS
- A. ALL EQUIPMENT AND MATERIALS FURNISHED UNDER THIS CONTRACT SHALL BE NEW (UNLESS OTHERWISE SPECIFIED). LISTED BY THE UNDERWRITERS LABORATORIES, AND SHALL BE OF THE SAME MAKE WHERE USED FOR SIMILAR PURPOSES.
- 5. MARKING AND LABELING
- A. PROVIDE ENGRAVED NAMEPLATES FOR ALL PLUMBING EQUIPMENT AS WELL AS PLASTIC PIPE MARKERS TO IDENTIFY ALL PIPING SYSTEMSFOR THIS PROJECT.
- 6. FINAL CLEANING
- A. AFTER TEST HAVE BEEN MADE AND THE INSTALLATION HAS BEEN FOUND SATISFACTORY BY THE ENGINEER, THOROUGHLY CLEAN THE ENTIRE INSTALLATION, BOTH EXPOSED SURFACES AND INTERIORS. REMOVE ALL DEBRIS CAUSED BY THE WORK UNDER THIS CONTRACT FROM ALL SPACES INSIDE AND OUTSIDE THE BUILDING. AT COMPLETION OF WORK, CLEAN ALL FIXTURES AND METAL WORK AND LEAVE IN POLISHED CONDITION.
- 7. PLUMBING PIPING
- A. BELOW GRADE DOMESTIC WATER PIPING AND FITTINGS SHALL BE TYPE "K" COPPER WITH SOLDER JOINTS. JOINTS SHALL BE AS PER ASTM B 32 WITH LEAD-FREE SOLDER AND FLUXES.
- B. ABOVE GRADE DOMESTIC WATER PIPING AND FITTING OPTIONS: 1. RUN-OUTS: PEX, 160PSI RATED WORKING CAPACITY INSTALLED PER MANUFACTURER'S INSTRUCTIONS. 2. MAINS: ASTM B 88, TYPE L COPPER, WITH WROUGHT FITTINGS, AND
- SOLDERED JOINTS: USE ASTM B 813, WATER-FLUSHABLE, LEAD-FREE FLUX; ASTM B 32, LEAD-FREE-ALLOY SOLDER; AND ASTM B 828 PROCEDURE.
- ABOVE AND BELOW GRADE SANITARY SEWER, VENT PIPING AND FITTINGS SHALL BE SCHEDULE 40 PVC.
- D. ABOVE GRADE NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK IRON PIPE. FITTINGS SHALL BE CLASS 150 MALLEABLE IRON ASTM A197, THREADED UP TO 2", WELDED OVER 2". ALL PIPING TO BE INSTALLED AND TESTED PER NFPA 54. APPLY 2 COATS OF PAINT (BLACK) TO EXTERIOR PIPING.

- 8. PLUMBING PIPING INSULATION
- A. LOCATION COLD WATER PIPING AND HOT WATER PIPING (EXCEPT WHERE CHROME PLATED EXPOSED IN ROOMS).
- B. TYPE FIBERGLASS 25 ASJ (ALL SERVICE JACKET) GLASS FIBER ON ALL CONCEALED AND EXPOSED PIPING. GLASS FIBER SHALL BE HEAVY DENSITY RIGID FIBER MOLDED SNAP ON SECTIONS.
- C. MAKE OWENS -CORNING, CERTAINTEED, KNAUF. D. APPLICATION - ALL SEAMS LAPS AND END JOINTS ON GLASS FIBER WILL BE SEALED BY SELF-SEALING LAPON JACKET OR JOINT SEALING STRIPS INSTALLED IN ACCORDANCE
- SEALED WITH BENJAMIN FOSTER 30-36 MASTIC. E. FITTINGS - INCLUDE VALVES, FLANGES AND ALL OTHER PIPING COMPONENTS INSULATED SEGMENTS SHALL BE COVERED WITH 1/4" COAT HARD SETTING FINISH CEMENT. ALL FITTINGS SHALL BE COVERED WITH GLASS FIBER LAGGING CLOTH EMBEDDED INTO
- ZESTIN'S ONE PIECE PREMOLDED INSULATED FITTINGS WITH JOINTS SEALED WITH Z-TAPE, PER MANUFACTURE'S RECOMMENDATIONS. F. HOT & COLD WATER INSULATION SCHEDULE: UP TO 1" PIPE SIZE:
- 1-1/4" PIPE SIZE OR LARGER: 1-1/2" THICK. HOT WATER TANKS (3): 2" THICK.
 MAX. CONDUCTIVITY: 0.27 BTU PER INCH/HR · FT² · °F
- 9. GENERAL DUTY VALVES:
- A. SHUT-OFF: USE BALL VALVES FOR DOMESTIC WATER. B. USE LUBRICATED PLUG VALVES FOR NATURAL GAS PIPING.
- 10. SHOP DRAWINGS AND MANUFACTURER'S DATA. A. THE CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF ALL SHOP DRAWINGS OR DESCRIPTIVE LITERATURE ON ALL EQUIPMENT TO BE SUPPLIED.
- 11. AS BUILT DRAWINGS A. AT THE COMPLETION OF THE PLUMBING WORK, THE CONTRACTOR RESPONSIBLE FOR THE WORK
- 12. EXCAVATION
- A. PERFORM ALL EXCAVATION REQUIRED FOR THE INSTALLATION OF WORK IN THIS CONTRACT. EXCAVATION TO PROVIDE SUFFICIENT CLEARANCE FOR INSTALLATION OF WORK. 12. BACK FILLING
- A. BACK FILLING UPON INSPECTION TEST AND APPROVAL BY LOCAL AUTHORITIES AND ARCHITECT. AND PACKED FOR GREATEST POSSIBLE SETTLEMENT. NO ROCK SHALL BE USED. 14. TESTING & CLEANING
- WATER DEPT. REQUIREMENTS. B. PRESSURE TEST 1. HOT & COLD WATER: 150PSIG HYDROSTATIC FOR 4 HOURS. 2. NATURAL GAS: 15PSIG AIR PRESSURE FOR 1 HOUR. 8 HOURS.
- 4. REPAIR AS NECESSARY AND RETEST. 15. PLUMBING FIXTURES
- A. MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED IN SETTING FIXTURES AND ALL ROUGHING TO BE CENTERED.
- 16. CHROME WORK

PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM # LETTER		TYPE OF FIXTURE	DRAINAGE		SUPPLY			NOTES
	SAN		V	CW	HW	GAS	NOTES	
1	WC-1	FLOOR MOUNTED TOILET (ADA)	3"	2"	1⁄2"			TANK TYPE
2	S-1	WALL MOUNTED SINK	1½"	1½"	1⁄2"	1⁄2"		
3	S-2	COUNTER MOUNTED SINK	11⁄2"	1½"	1⁄2"	1⁄2"		
4	S-3	COUNTER MOUNTED S/S SINK, SINGLE	11⁄2"	1½"	1⁄2"	1⁄2"		
5	T-1/SH-1	TUB / SHOWER UNIT BY OTHERS	3"	1½"	1⁄2"	1⁄2"		
6	-	EXISTING KITCHEN SINK (REINSTALLED)	11/2"	1½"	1⁄2"	1⁄2"		
7	FD	FLOOR DRAIN	3"*	2"	1⁄2"	1/2"		
NOTES:								
THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROUGH-IN AND FINAL CONNECTIONS. *USE 4" WHERE TRAP IS NOT ACCESSABLE.								

ALL FAUCETS TO BE MAX. 2GPM@80PSI. ALL SHOWER HEADS AND TOILETS SHALL BE 'WATER-SENSE' LABELED.



- MODIFY PIPING AND INSTALL NEW BACKFLOW PREVENTER AFTER EXISTING METER ON DOMESTIC WATER. REFER TO DETAILS 1 &2 ON DRAWING MP-2.
- 2. NEW 2" CORP STOP BY ECWA ON EXISTING 12" MAIN. NEW 2" TYPE K PIPING TO BUILDING FOR NEW FIRE WATER SERVICE BY PLUMBING CONTRACTOR.
- 3. INSTALL NEW 2" WITHIN SLEEVE THROUGH BASEMENT WALL TO NEW BACKFLOW PREVENTER. TO BE CONNECTED BY FIRE PROTECTION CONTRACTOR AFTER BACKFLOW PREVENTER. REFER TO DETAIL 3 ON DRAWING MP-2, AND FP-1 FOR CONTINUATION OF NEW SPRINKLER SYSTEM.

ATED CAPACITY,

WITH MANUFACTURE'S RECOMMENDARTIONS. WHERE STAPLES ARE USED, THEY SHALL BE

WITH GLASS FIBER. INSUL-SURE MOLDED FIBERGLASS FITTINGS OR FABRICATED MITERED BENJAMIN-FOSTER 30-35 MASTIC AND GIVEN FLOODING BRUSH COAT OF MASTIC OR

1" THICK

PERFORMED UNDER THIS CONTRACT SHALL PROVIDE AS-BUILTS DRAWINGS.

NO CINDERS OR OTHER CORROSIVE MATERIAL WILL BE PERMITTED. FILL MUST BE WELL TAMPED

A. ALL WATER PIPING TO BE DISINFECTED IN ACCORDANCE WITH AWWA C-601-1954 AND

3. SANITARY WASTE & VENT: FILL WITH WATER TO 10FT ABOVE HIGHEST FIXTURE FOR

17. 17. PLUMBING FIXTURES

ALL FIXTURES TO BE FURNISHED AND INSTALLED BY CONTRACTOR AS SPECIFIED BELOW OR APPROVED EQUAL. FINAL SELECTION BY OWNER.

WC-1 17" HIGH ELONGATED WATER CLOSET, FLOOR MOUNTED, TWO-PIECE, ADA COMPLIANT, AMERICAN STANDARD "CADET PRO RIGHT HEIGHT" MODEL NO. 3517A.101 WITH MODEL 4188A.104 TANK, 1.28GPF, 12" ROUGH-IN, WITH CHROME TRIP LEVER, OPEN FRONT SEAT WITH SLOW-CLOSE S/S HINGES (CHURCH MODEL 295SSCT W/SERIES 300 HINGES). PROVIDE SUPPLY PIPING W/ LOOSE KEY STOP CONTROL, CAST BRASS ESCUTCHEON & FLEXIBLE TUBE RISER. COLOR OF WATER CLOSET AND SEAT SHALL BE WHITE.

WALL HUNG VITREOUS CHINA SINK, 20"x18", AMERICAN STANDARD 'DECORUM LAVATORY WITH EVERCLEAN' MODEL 9024.004EC, ADA COMPLIANT, 4" CENTERS, CONCEALED CARRIER (WATTS WCA-411), WITH SINGLE HANDLE VANDAL-RESISTANT POLISHED CHROME FAUCET, AMERICAN STANDARD 'COLONY PRO' MODEL 7075.005, 1.5GPM, 4" CENTERSET, LESS DRAIN, W/POP UP HOLE & ROD, SEMI-CAST GRID WHEELCHAIR OVERFLOW PLUG AND TAILPIECE, LOOSE KEY STOP CONTROL, CAST BRASS P--TRAP, ESCUTCHEON & FLEXIBLE TUBE RISERS.

UNDER COUNTER SUPPLY AND WASTE PIPING SHALL BE COVERED WITH LAV GUARD2 PIPE COVERS AS MANUFACTURED BY TRUBRO, INC MODEL 102E-Z AND 105E-Z, OR APPROVED EQUAL. COLOR OF PIPE COVERS SHALL BE WHITE.

COUNTERTOP VITREOUS CHINA SINK, SELF-RIMMING, FRONT OVERFLOW, 19-1/8" ROUND X 5-3/4"DEEP, ADA COMPLIANT (AMERICAN STANDARD RONDALYN MODEL 0491.019), 2-HOLES 4"O.C. PROVIDE COMPLETE WITH SINGLE HANDLE VANDAL RESISTANT FAUCET, CHROME, 4" CENTERS (DELTA MODEL 501LF-HDF), MAX. 1.2GPM, W/POP UP HOLE & ROD, GRID STRAINER, LOOSE KEY STOP CONTROL, AND CAST BRASS P-TRAP, ESCUTCHEON & FLEXIBLE TUBE RISERS.

SINGLE COMPARTMENT 25-1/4"X22"X9"DEEP TOP MOUNT S/S SINK (AMERICAN STANDARD MODEL 15SB.252283.073), 3-HOLES 4"O.C. PROVIDE COMPLETE WITH GOOSENECK FAUCET AND 4" WRIST BLADES HANDLES (DELTA MODEL 26C3942), 1.5GPM, GRID STRAINER, LOOSE KEY STOP CONTROL, CAST BRASS ESCUTCHEON & FLEXIBLE TUBE RISERS.

BATH TUB / SHOWER UNIT, 30"Wx60"LONG WITH SURROUND (AMERICAN STANDARD AS SELECTED BY OWNER). PROVIDE PRESSURE BALANCED FAUCET, SHOWER SYSTEM KIT WITH HAND SHOWER HEAD, 1.5GPM, ADA COMPLIANT, AMERICAN STANDARD MODEL 1662.211.

SHOWER PAN, 30"WX60"LONG, PROVIDE PRESSURE BALANCED FAUCET, SHOWER SYSTEM KIT WITH HAND SHOWER HEAD, 1.5GPM, ADA COMPLIANT, AMERICAN STANDARD STUDIO SUITE MODEL A8001L-LHO.

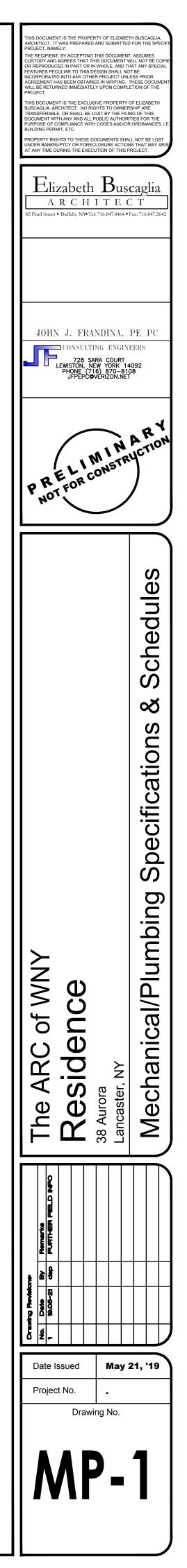
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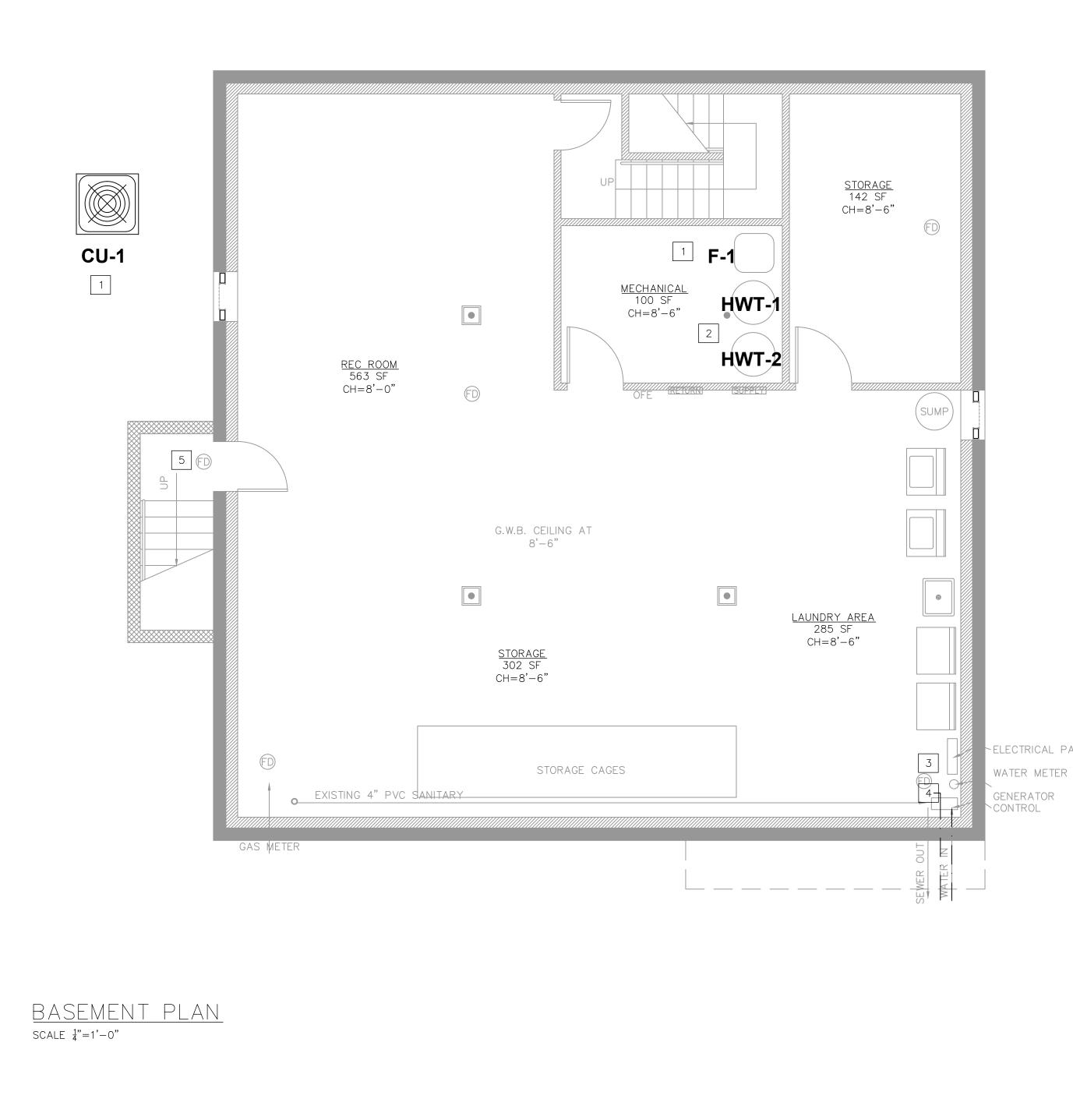
MECHANICAL GENERAL NOTES

- REPLACE ALL SUPPLY AND RETURN REGISTERS IN-KIND WITH WHITE POWDER COATED STEEL.
- SNAKE AND FLUSH OUT ALL INTERIOR AND EXTERIOR FLOOR DRAINS TO 2. ENSURE FREE FLOWING WITH NO OBSTRUCTIONS.

KEY

	THERMOSTAT
[SUPPLY]	SUPPLY REGISTER
[RETURN]	RETURN REGISTER



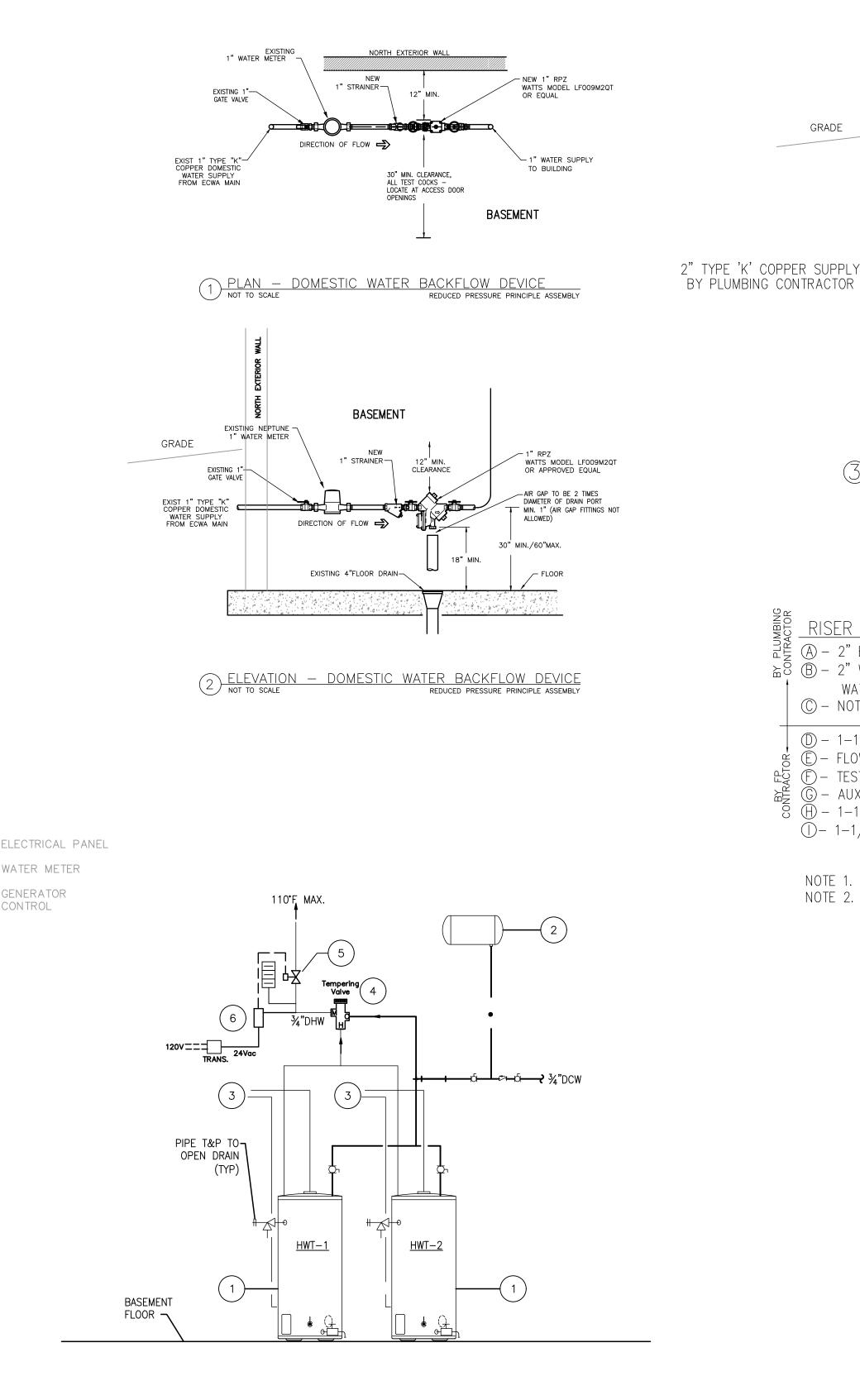


MECHANICAL CONSTRUCTION NOTES



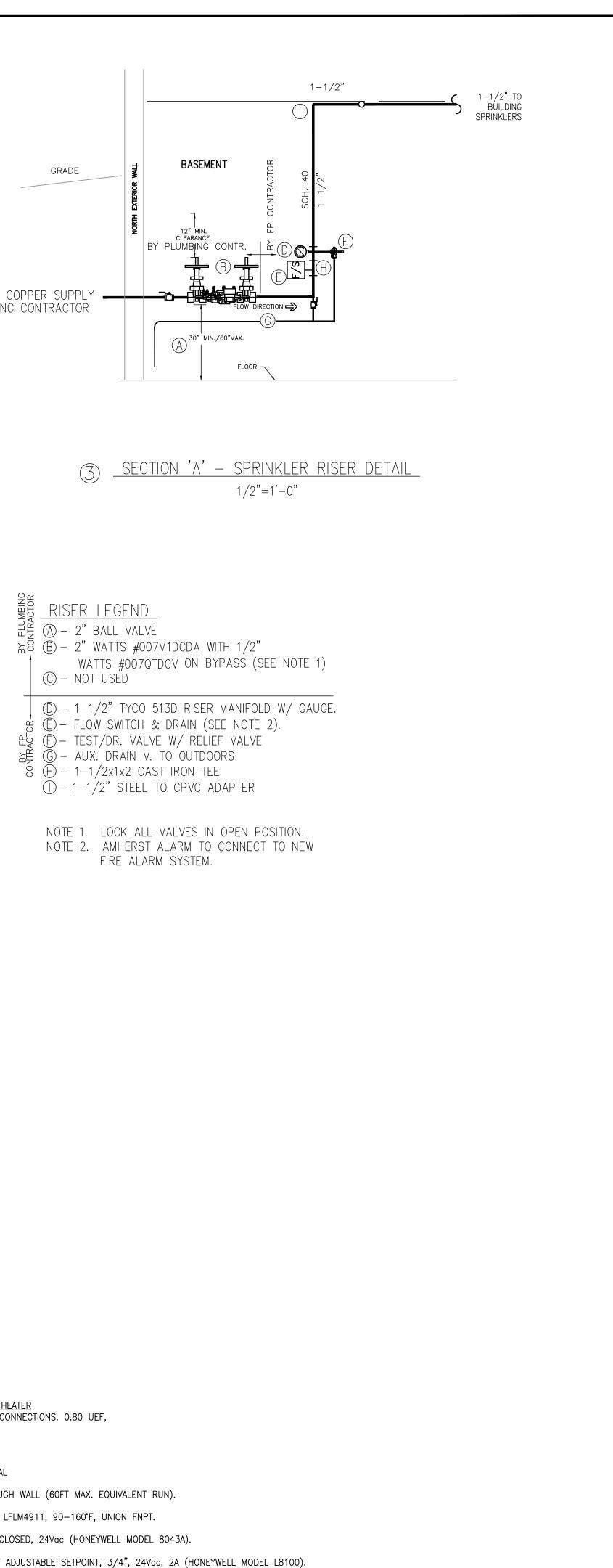
ADD ALTERNATE #2: REPLACE EXISTING 112MBH OUTPUT FURNACE AND 5TON CONDENSING UNIT PER SCHEDULES. MODIFY AND RECONNECT DUCTWORK, FLUE AND COMBUSTION AIR PIPING, AND CONDENSATE DRAIN.

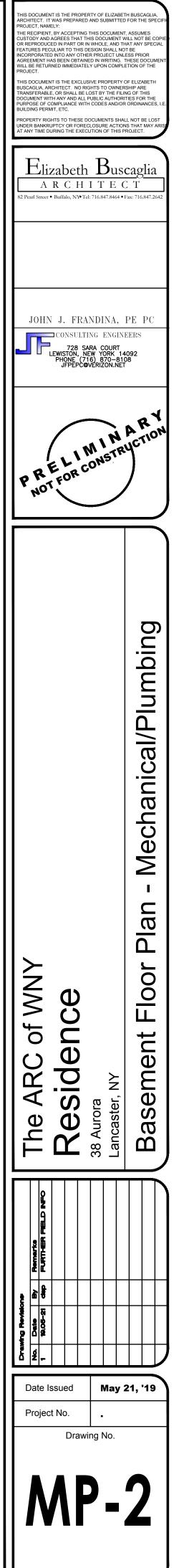
- REPLACE EXISTING 75GAL HOT WATER TANK WITH TWO (2) 50GAL TANKS 2. PER DETAIL.
- INSTALL NEW 1"RPZ BACKFLOW PREVENTER ON EXISTING DOMESTIC 3. WATER SERVICE. REFER TO DETAILS.
- INSTALL NEW 2" FIRE PROTECTION WATER SERVICE AND BACKFLOW 4. PREVENTER. REFER TO DETAILS.
- REPLACE DRAIN GRATE IN-KIND. REFER TO GENERAL NOTE 2 ON MP-1. 5.

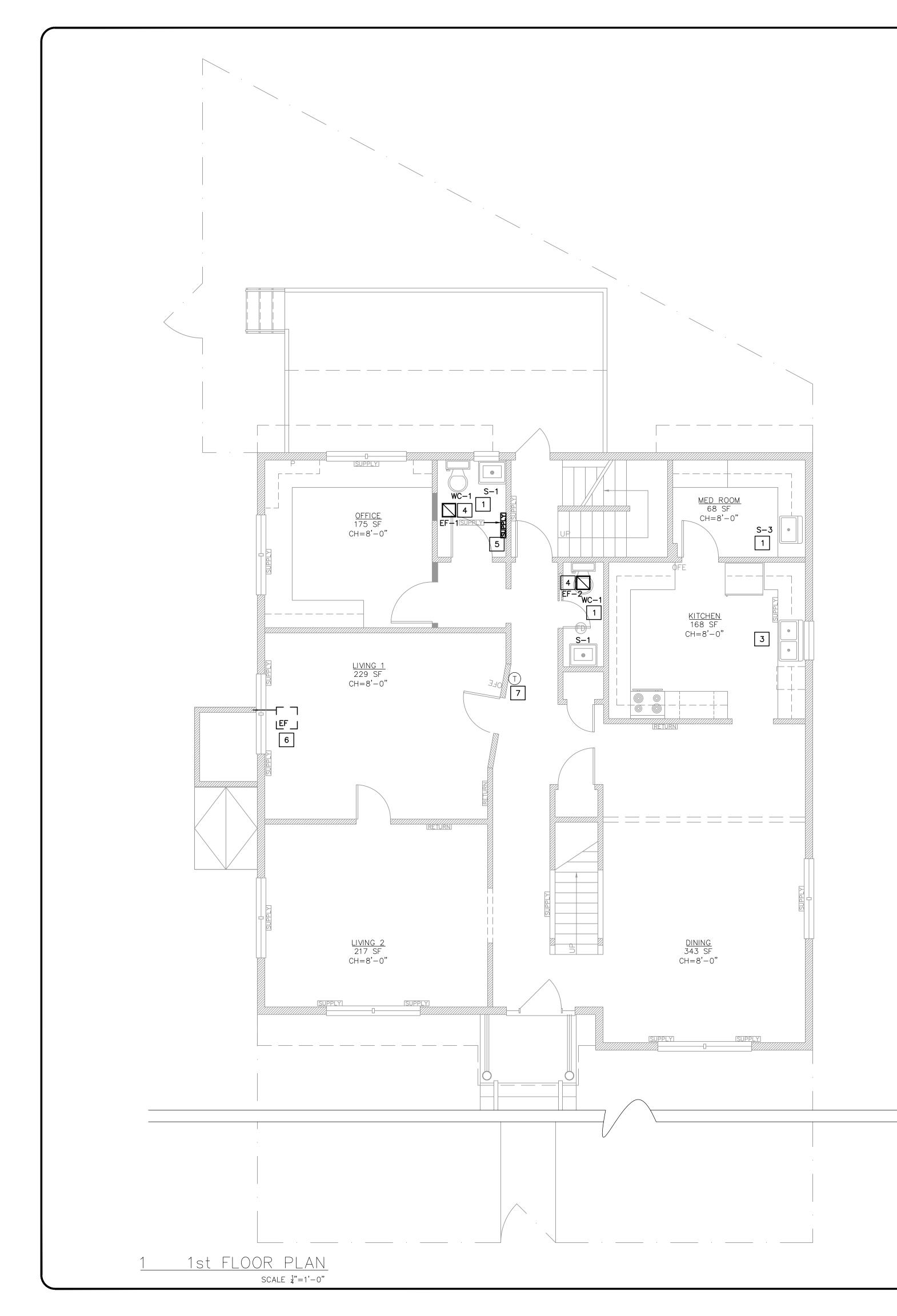


5 DOMESTIC WATER HEATING PIPING DETAIL

	LEGEND		
TEMPERATURE & PRESSURE RELIEF VALVE	 ✓ TANK TEMPERATURE CONTROL ✓ DRAIN ✓ DRAIN ✓ FULL PORT BALL VALVE 	CHECK VALVE	 # EQUIPIVIEINT 1. <u>HIGH EFFICIENCE DOMESTIC WATER H</u> RUUD PE50, 40MBH, 3/4" WATER CO 120V INDUCED DRAFT BLOWER 2. <u>EXPANSION TANK:</u> 3.5 GALLON CAPACITY WATTS DETA-5 OR APPROVED EQUAL 3. 2" COMB. AIR & FLUE VENT THROUG 4. TEMPERING VALVE: POWERS MODEL L 5. 3/4" SOLENOID VALVE, NORMALLY CL 6. AQUASTAT CONTROLLER, 100-180°F A







1.

2. 4.

MECHANICAL CONSTRUCTION NOTES

#

PROVIDE NEW PLUMBING FIXTURES PER SCHEDULE AND RECONNECT PIPING. AS APPLICABLE, INSTALL NEW SHUTOFF'S ON HOT & COLD WATER, NEW S/S FLEX LINES, TOILET WAX RING AND BOLTS.

REPLACE DRAIN GRATE IN-KIND.

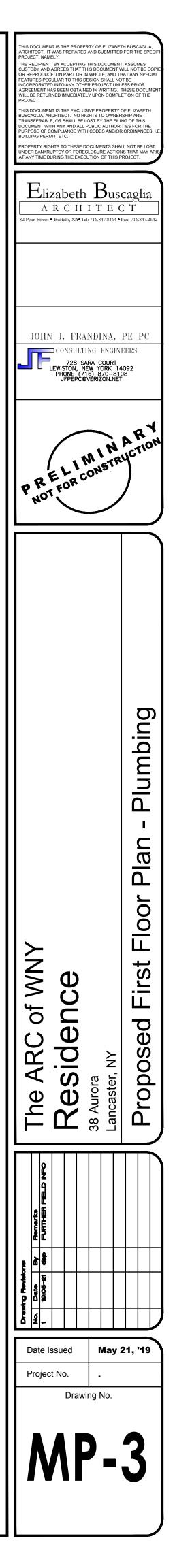
3. DISCONNECT, REMOVE, CLEAN, AND REINSTALL 2 COMPARTMENT SINK AND FAUCET INTO NEW MILLWORK. PROVIDE NEW WATER SUPPLY TUBING, TAILPIECES, AND TRAPS. COORDINATE WORK WITH G.C.

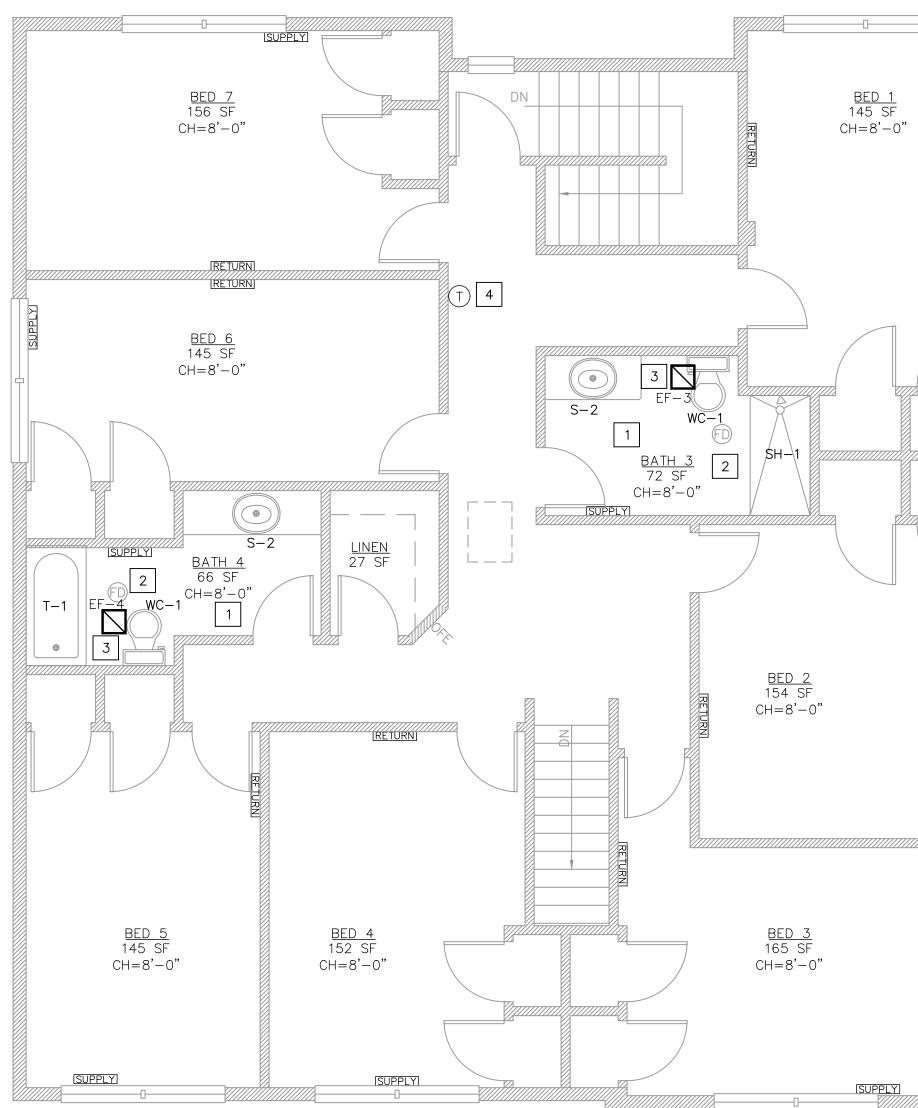
REPLACE EXISTING CEILING EXHAUST FAN PER SCHEDULE AND RECONNECT DUCTWORK.

5. INSTALL NEW SUPPLY REGISTER IN NEW LOCATION. EXTEND AND RECONNECT DUCTWORK.

6. DISCONNECT AND REMOVE EXHAUST FAN WITH RELATED DUCTWORK AND WALL GRILLE. COORDINATE PATCHING WITH G.C.

7. INSTALL NEW THERMOSTAT AND RECONNECT WIRING.

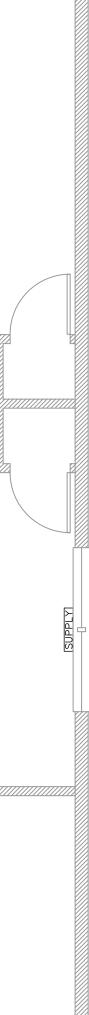




<u>Second floor</u> SCALE <u>1</u>"=1'-0"

MECHANICAL CONSTRUCTION NOTES

- 1.
- 2. REPLACE DRAIN GRATE IN-KIND.
- 3. RECONNECT DUCTWORK.
- 4. INSTALL NEW THERMOSTAT AND RECONNECT WIRING.

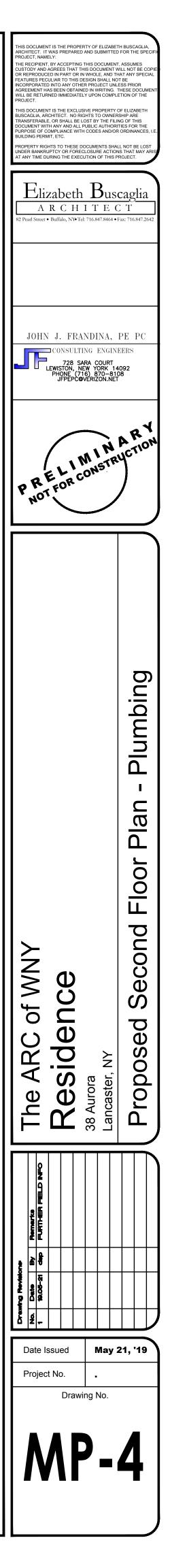


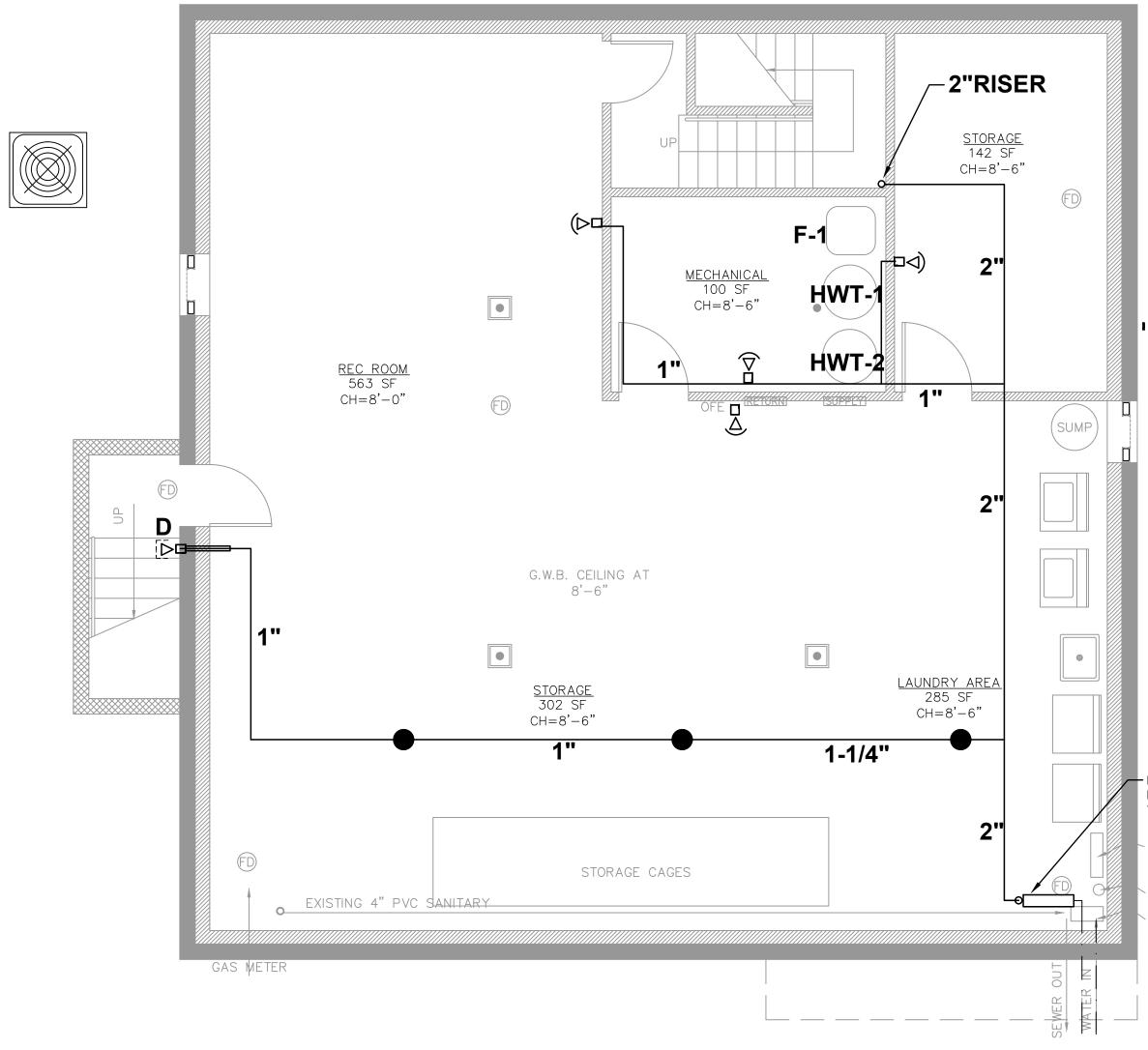
SUPPLY



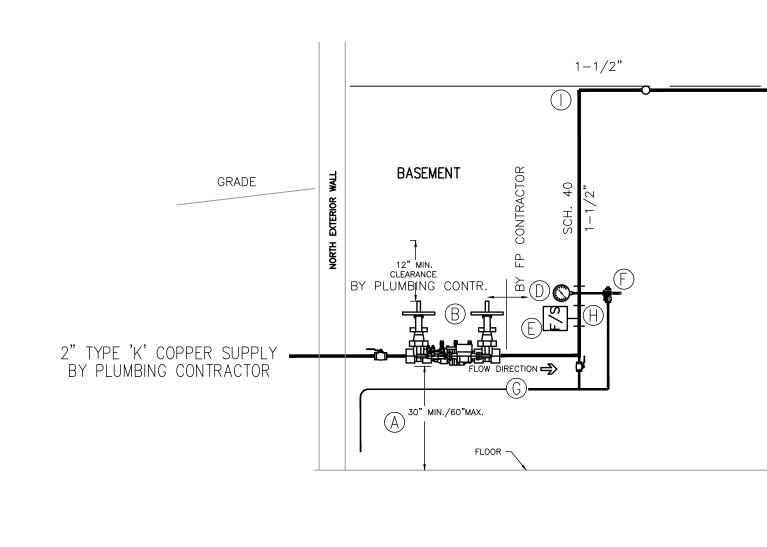
PROVIDE NEW PLUMBING FIXTURES PER SCHEDULE AND RECONNECT PIPING. AS APPLICABLE, INSTALL NEW SHUTOFF'S ON HOT & COLD WATER, NEW S/S FLEX LINES, TOILET WAX RING AND BOLTS.

REPLACE EXISTING CEILING EXHAUST FAN PER SCHEDULE AND





BASEMENT PLAN scale ¹/₄"=1'-0"



SECTION 'A' - SPRINKLER RISER DETAIL
1/2"=1'-0"

- DCDA BACKFLOW PREVENTER BY PLUMBING CONTRACTOR. REFER TO DRAWING MP-1.

ELECTRICAL PANEL

WATER METER GENERATOR CONTROL

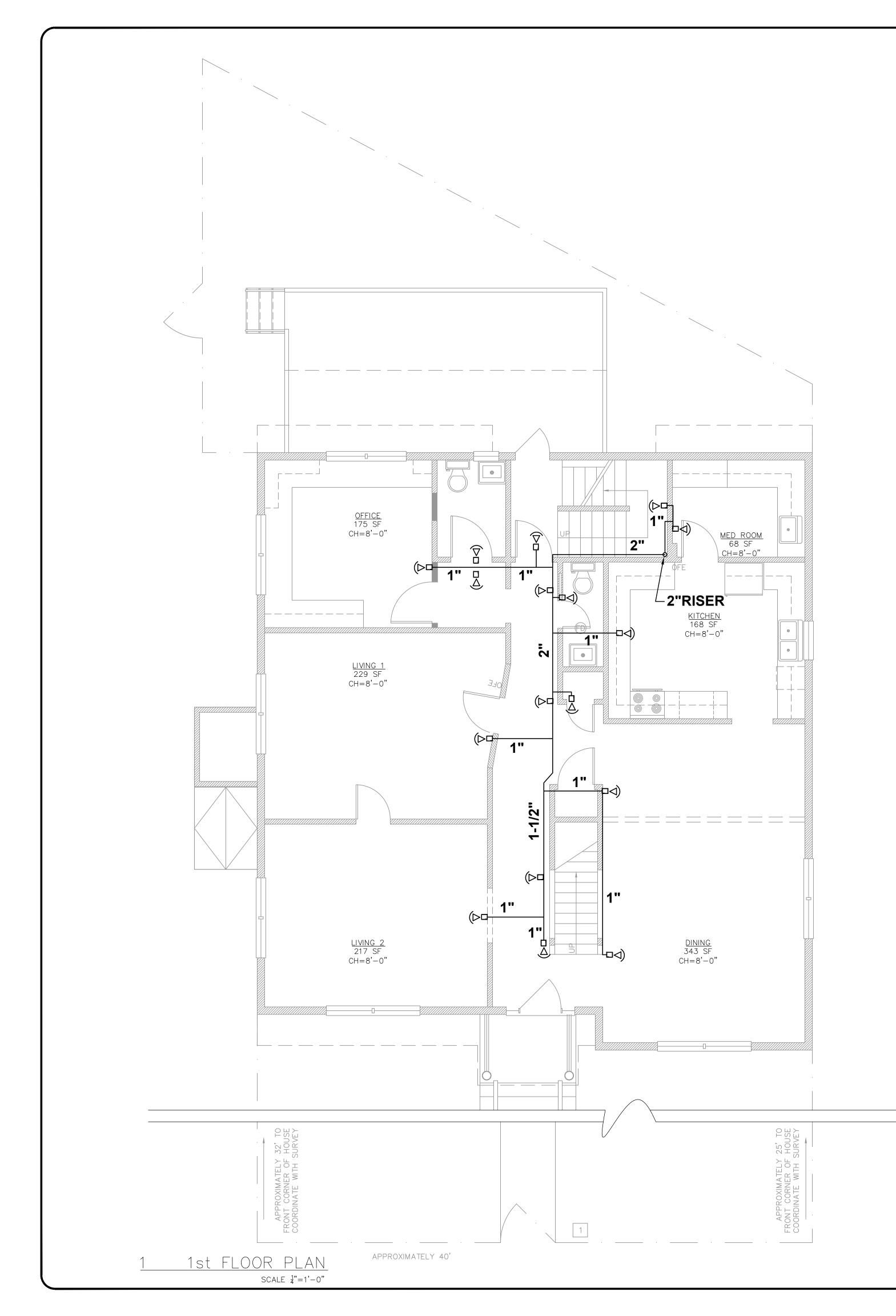
GENERAL NOTES:

- A. ALL CONTRACTORS ARE RESPONSIBLE FOR PROPER FIELD FITTING AND QUANTITY OF WORK. ALL CONTRACTORS SHALL TAKE FIELD MEASUREMENTS AS REQUIRED AND BE RESPONSIBLE FOR FIELD VERIFICATION PRIOR TO FABRICATION OF PIPING. ALL CONTRACTORS SHALL BE RESPONSIBLE TO REPAIR ANY CONDITIONS DISTURBED OR DAMAGED DURING CONSTRUCTION (TO MATCH EXISTING).
- B. ALL WORK SHALL CONFORM TO ALL STATE AND LOCAL CODES, RULES AND REGULATIONS AND ORDINANCES WITH LOCAL AMMEDNMENTS. THE CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
- C. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL EXISTING CONDITIONS.
- D. IT IS THE CONTRACTORS RESPONSIBILITY TO EXAMINE ALL DRAWINGS AND COORDINATE WORK WITH ALL OTHER CONTRACTORS.
- E. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING AND REPAIRING OF MATERIALS AND FINISHES THAT ARE DISTURBED BY THEIR RESPECTIVE TRADES.
- F. COORDINATE CONNECTION OF SUPERVISORY SWITCHES, FLOW SWITCHES, AND OTHER SIMILAR DEVICES TO THE FIRE ALARM SYSTEM.
- G. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS BEFORE STARTING INSTALLATION. DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE.
- H. THE SPRINKLER PLANS ARE INTENDED TO BE DIAGRAMMATIC. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION.
- I. WHERE PIPING PASSES THROUGH FIRE OR SMOKE BARRIER, THE PENETRATION SHALL BE PROPERLY SEALED AN APPROVED FIRE RATED MATERIAL TO MAINTAIN THE RATING OF THE PENETRATED WALL OR FLOOR.
- J, ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
- K. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER AND ALL OTHER TRADES. CONTRACTOR SHALL SCHEDULE ALL SHUTDOWNS THAT AFFECT UTILITIES AND PORTIONS OF THE BUILDING THAT MUST REMAIN IN OPERATION WITH THE OWNER.
- L. INSTALL EQUIPMENT AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
- M. PIPING SHALL NOT PASS DIRECTLY OVER ELECTRIC PANEL BOARDS, SWITCHBOARDS, AND SIMILAR ELECTRIC AND TELEPHONE EQUIPMENT, HOWEVER PROTECTION FOR THESE SPACES SHALL BE PROVIDED UNLESS OTHERWISE INDICATED ON DRAWINGS.
- N. WORK SHOWN IS FOR THE INSTALLATION OF AN AUTOMATIC RESIDENTIAL SPRINKLER SYSTEM THROUGHOUT THE ENTIRE BUILDING IN ACCORDANCE WITH NFPA 13D.
- O. ALL CONCEALED PIPE TO BE CPVC.
- P. CPVC PIPE TO BE CONCEALED WITHIN SOFFIT OR ABOVE DRYWALL
- Q. EXPOSED PIPING SHALL BE SCHED 40 BLACK STEEL.
- R. LEAVE ALL PIPING, HANGERS, FITTINGS, ETC. CLEAN AND FREE OF DEBRIS READY TO RECEIVE PAINT. IN EXPOSED AREAS, PROVIDE AND INSTALL MATERIAL TO COVER SPRINKLERS TO PROTECT DURING PAINTING. PAINTING CONTRACTOR WILL REMOVE PROTECTIVE MATERIALS.
- S. CONTRACTOR SHALL PROVIDE COMPLETE SET OF CLOSEOUT DOCUMENTATION NOT LIMITED TO, AS-BUILT DRAWINGS, TEST CERTIFICATES, SPARE SPRINKLERS AND HEAD WRENCHES, COPY OF NFPA-25, EQUIPMENT O&M MANUAL.
- T. PROVIDE ALL PLAQUES AND SIGNAGE REQUIRED BY NFPA AT FIRE VALVES AND ALARM ASSEMBLY.

1–1/2"TO BUILDING SPRINKLERS

RISER LEGEND (A) - 2" BALL VALVE (B) - 2" WATTS #007M1DCDA WITH 1/2" WATTS #007QTDCV ON BYPASS (SEE NOTE 1) (C) - NOT USED
$ \begin{array}{c} \textcircled{0}{1} - 1 - 1/2" \text{ TYCO 513D RISER MANIFOLD W/ GAUGE.} \\ \hline \textcircled{0}{1} - FLOW SWITCH & DRAIN (SEE NOTE 2). \\ \hline \textcircled{0}{1} - TEST/DR. VALVE W/ RELIEF VALVE \\ \hline \textcircled{0}{1} - AUX. DRAIN V. TO OUTDOORS \\ \hline \textcircled{0}{1} - 1 - 1/2 x1 x2 CAST IRON TEE \\ \hline \fbox{0} - 1 - 1/2" STEEL TO CPVC ADAPTER \\ \end{array} $
NOTE 1. LOCK ALL VALVES IN OPEN POSITION. NOTE 2. AMHERST ALARM TO CONNECT TO NEW FIRE ALARM SYSTEM.

THIS DOCUMENT IS THE PROPERTY OF ELIZABETH BUSCAL RCHITECT. IT WAS PREPARED AND SUBMITTED FOR THE & OJECT, NAMELY: THE RECIPIENT, BY ACCEPTING THIS DOCUMENT, ASSUMES CUSTODY AND AGREES THAT THIS DOCUMENT WILL NOT BE REPRODUCED IN PART OR IN WHOLE, AND THAT ANY SPEC EATURES PECULIAR TO THIS DESIGN SHALL NOT BE ICORPORATED INTO ANY OTHER PROJECT UNLESS PRIOR AGREEMENT HAS BEEN OBTAINED IN WRITING. THESE D WILL BE RETURNED IMMEDIATELY UPON COMPLETION C PROJECT. THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF FLIZABE NUSCAGLIA, ARCHITECT. NO RIGHTS TO OWNERSHIP ARE RANSFERABLE, OR SHALL BE LOST BY THE FILING OF THIS DOCUMENT WITH ANY AND ALL PUBLICA UTHORITIES FOR TI URPOSE OF COMPLIANCE WITH CODES AND/OR ORDINANC DUIL DWC DEDUT. ETC. ILDING PERMIT, ET OPERTY RIGHTS TO THESE DOCUMENTS SHALL NOT B UNDER BANKRUPTCY OR FORECLOSURE ACTIONS THAT AT ANY TIME DURING THE EXECUTION OF THIS PROJECT WATER SUPPLY INFORMATION: Elizabeth Buscaglia STATIC PRESSURE 60 PSI ARCHITECT RESIDUAL PRESSURE 52 PSI OBSERVED FLOW 1,776 GPM Pearl Street • Buffalo, NY• Tel: 716.847.8464 • Fax: 716.847 FLOW TEST INFORMATION PROVIDED BY: ERIE COUNTY WATER AUTHORITY. TEST PERFORMED ON 06/7/2012. FIRE PROTECTION CONTRACTOR SHALL UPDATE FLOW INFORMATION FOR HYDRAULIC CALCULATIONS. JOHN J. FRANDINA, PE PO CONSULTING ENGINEERS 728 SARA COURT LEWISTON, NEW YORK 14092 PHONE (716) 870-8108 JFPEPC@VERIZON.NET RE 0 Cti rote Δ Fire Basement Floor Plan The ARC of WNY **Residence** ^{38 Aurora} Lancaster, NY <u>LEGEND</u> SPRINKLER PIPING DECOSHIELD OR APPROVED EQUAL. PAINT TO MATCH WALLS. $\Box \triangleleft)$ VANDAL RESISTANT SIDEWALL SPRINKLER AND ESCUTCHEON (TYCO RAVEN, EXTENDED COVERAGE, 165°F, 5.6K, WHITE) VANDAL RESISTANT CEILING PENDENT SPRINKLER AND ESCUTCHEON (TYCO Date Issued May 21, '19 RAVEN, EXTENDED COVERAGE, 165°F, Project No. 5.6K, WHITE) Drawing No. DRY-TYPE QUICK RESPONSE **FP-1** SIDEWALL SPRINKLER AND ESCUTCHEON WITH CAGE GUARD (TYCO MODEL TY3339, STAINLESS STEEL, 155°F, 5.6K, WHITE)



3.

E C 1. 2. 3.

<u>MECHANICAL</u> <u>Construction notes</u>

#

PROVIDE NEW PLUMBING FIXTURES PER SCHEDULE AND RECONNECT PIPING. AS APPLICABLE, INSTALL NEW SHUTOFF'S ON HOT & COLD WATER, NEW S/S FLEX LINES, TOILET WAX RING AND BOLTS.

REPLACE DRAIN GRATE IN-KIND.

ADD ALTERNATE #2: REPLACE EXISTING 112MBH OUTPUT FURNACE AND 5TON CONDENSING UNIT PER SCHEDULES.

4. REPLACE EXISTING 75GAL HOT WATER TANK WITH TWO (2) 50GAL TANKS PER SCHEDULE AND DETAIL.

ELECTRICAL

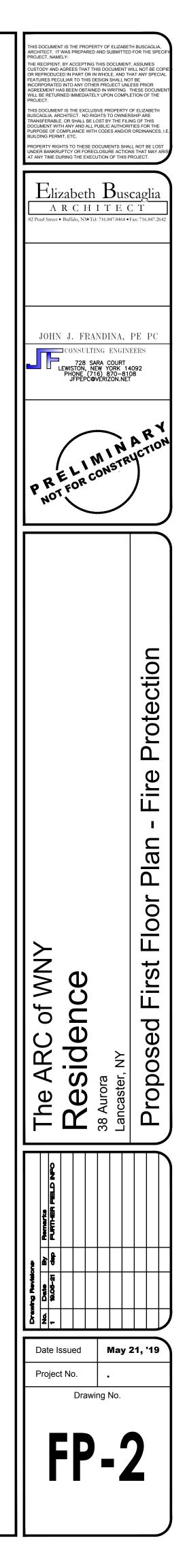


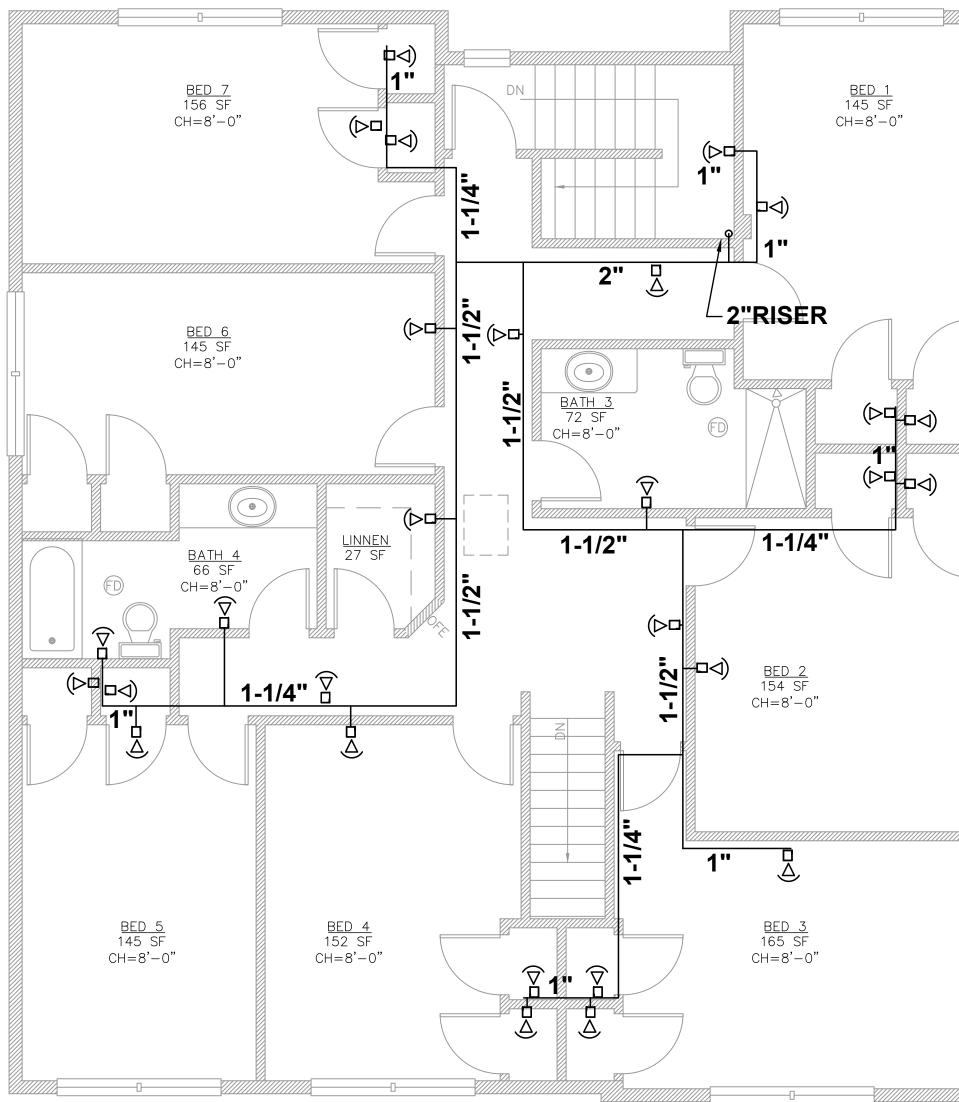
CONSTRUCTION NOTES 1. <u>ADD ALTERNATE #2:</u> PROVIDE DISCONNECT/RECONNECT FOR REPLACEMENT OF EXISTING FURNACE AND CONDENSING. COORDINATE WITH MECHANICAL CONTRACTOR.

2. PROVIDE CIRCUIT FOR TWO (2) NEW HOT WATER TANKS AND RECIRC PUMP. COORDINATE WITH PLUMBING CONTRACTOR.

ADD ALTERNATE #3: PROVIDE NEW FIRE ALARM SYSTEM PER SPECIFICATIONS.

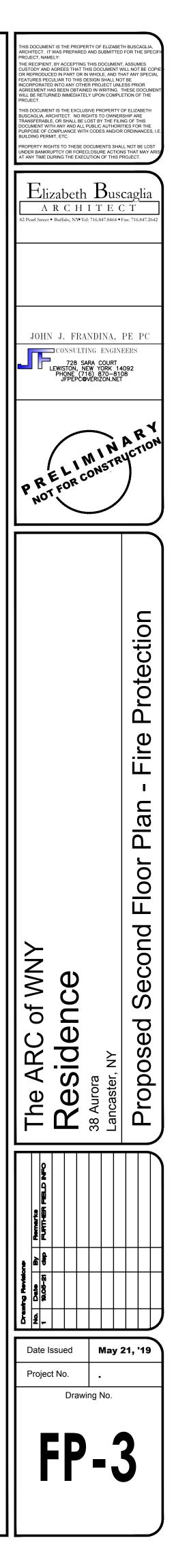
4. REPLACE LIGHT FIXTURES PER SCHEDULE.





SECOND FLOOR scale ¹/₄"=1'-0"





ELECTRICAL SPECIFICATIONS

- 1. GENERAL
- A. ALL ELECTRICAL WORK IS SUBJECT TO THE GENERAL REQUIREMENTS OF THE CONTRACT.
- LAWS, CODES, PERMITS & INSPECTIONS
- A. ALL WORK SHALL BE PERFORMED IN COMPLIANCE W/ ALL APPLICABLE FEDERAL, STATE & LOCAL CODES & ORDINANCES, AS WELL AS THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE INCLUDING SUBSEQUENT AMENDMENTS.
- B. AT COMPLETION OF WORK, THE ELECTRICAL CONTRACTOR SHALL DELIVER TO THE OWNER A CERTIFICATE OF INSPECTION & ACCEPTANCE OF THE WORK BY THE LOCAL INSPECTION AUTHORITY.
- 3. GUARANTEE
- A. THE CONTRACTOR SHALL GIVE A WRITTEN GUARANTEE UPON FINAL ACCEPTANCE OF THE WORK AGAINST DEFECTIVE WORKMANSHIP, MATERIALS, OR OPERATION THAT MAY APPEAR WITHIN ONE (1) YEAR OF FINAL ACCEPTANCE BY THE OWNER.
- 4. EQUIPMENT & MATERIALS
- A. ALL EQUIPMENT & MATERIALS FURNISHED UNDER THIS CONTRACT SHALL BE NEW (UNLESS OTHERWISE SPECIFIED), LISTED BY THE UNDERWRITERS LABORATORIES, & SHALL BE OF THE SAME MAKE WHERE USED FOR SIMILAR PURPOSES.
- 5. TESTS & INSPECTIONS
- A. THE ENTIRE INSTALLATION SHALL BE TESTED & VERIFIED TO BE FREE FROM SHORT CIRCUITS, IMPROPER GROUNDS, & OPEN CIRCUITS.
- B. AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL CONDUCT A TWO (2) HOUR TEST W/ ALL ELECTRICAL UTILIZATION EQUIPMENT ENERGIZED. DURING THIS PERIOD A CLOSE WATCH SHALL BE KEPT ON ALL PANELS & EQUIPMENT TO LOCATE ANY DEFECTIVE APPARATUS OR WORKMANSHIP. PARTICULAR ATTENTION SHALL BE PAID TO THE LOAD BALANCE ON VARIOUS PANELS & FEEDERS. WIRING DEVICES & APPLIANCES FOUND TO BE FUNCTIONING IMPROPERLY SHALL BE PROMPTLY REPLACED AT THE CONTRACTOR'S EXPENSE. ANY REQUIRED BALANCING OF CIRCUITS THAT BECOME APPARENT SHALL BE CARRIED OUT IMMEDIATELY.
- C. THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF THE START OF THE TEST SO THAT THEIR REPRESENTATIVE CAN PLAN TO BE PRESENT DURING THE TESTING PERIOD.
- MARKING & LABELING
- A. PROVIDE ENGRAVED NAMEPLATES FOR ALL DISCONNECTS, STARTERS, PANELBOARDS, TIMERS, CABINETS, ENCLOSURES, ETC. NAMEPLATES SHALL IDENTIFY THE ASSOCIATED EQUIPMENT BEING SERVED. THE NAMEPLATES SHALL BE PLASTIC LAMINATE W/ 3/16" BLACK ENGRAVED LETTERS ON A WHITE BACKGROUND, ATTACHED USING BOLTS, NUTS, & WASHERS.
- B. MAKE CERTAIN THAT ALL CIRCUIT BREAKERS IN ALL PANEL BOARDS ARE IDENTIFIED BY ROOM NUMBER &/OR NAME, EQUIPMENT SERVED, OR OTHER APPROPRIATE DESIGNATION. PANELS SHALL BE PROVIDED W/ DOOR MOUNTED, TYPE WRITTEN DIRECTORIES UNDER CLEAR PLASTIC; UPDATE EX. PANEL BOARD DIRECTORIES.
- INSTRUCTION
- A. THOROUGHLY INSTRUCT THE OWNER'S REPRESENTIVE IN THE PROPER OPERATIONS OF ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- FINAL CLEANING
- A. AFTER TESTS HAVE BEEN MADE & THE INSTALLATION HAS BEEN FOUND SATISFACTORY BY THE ENGINEER. THOROUGHLY CLEAN THE ENTIRE INSTALLATION. BOTH EXPOSED SURFACES & INTERIORS. REMOVE ALL DEBRIS CAUSED BY THE WORK UNDER THIS CONTRACT FROM ALL SPACES INSIDE & OUTSIDE THE BUILDING.
- CONDUIT & RACEWAYS
- A. ALL CONDUIT SHALL BE ELECTRICAL METALLIC TUBING W/ SET SCREW FITTINGS (INTERIOR) OR PVC SCHEDULE 40 (EXTERIOR). EMT SHALL BE DELIVERED TO THE JOB SITE IN TEN-FOOT LENGTHS & SHALL BEAR THE UL LABEL & MANUFACTURER'S NAME OR TRADEMARK. MINIMUM SIZE: 1/ INCH TRADE SIZE.
- B. THE ELECTRICAL RACEWAY SYSTEM SHALL BE INDEPENDENTLY ATTACHED OR SUPPORTED FROM THE BUILDING STRUCTURE & SHALL RUN PARALLEL W/ OR PERPENDICULAR TO THE STRUCTURAL MEMBERS.
- C. SUPPORTS & ATTACHMENTS PROVIDED SHALL BE SPECIFICALLY DESIGNED FOR THE INSTALLATION. PERFORATED HANGERS OR WIRE TIE SUPPORTS ARE NOT ACCEPTABLE.
- D. ALL RACEWAYS PASSING THROUGH A RATED FIRE SEPARATION SHALL HAVE A UL LISTED FIRE RATED INSTALLATION EQUAL TO THAT RATING. INSTALL WATER TIGHT SEAL FOR CONDUITS WHICH PENETRATE EXTERIOR WALLS.
- CONDUIT SHALL BE INSTALLED IN ORDER THAT A CONTINUOUS GROUNDING PATH IS ESTABLISHED THROUGHOUT THE ENTIRE RUN. PROVIDE A SEPERATE GREEN GROUNDING EQUIPMENT CONDUCTOR IN EACH CONDUIT.

- 10. CONDUCTORS
- A. ALL WIRE & CABLE SHALL BE NEW WITHIN ONE (1) YEAR OF MANUFACTURE WHEN DELIVERED TO THE JOB SITE & BEAR THE UL LABEL, INSULATION TYPE, VOLTAGE RATING, & MANUFACTURER'S NAME AT REGULAR INTERVALS ON THE INSULATION JACKET.
- B. ALL SINGLE CONDUCTOR WIRING IN RACEWAYS SHALL BE STRANDED COPPER, 600 VOLT RATED, TYPE THHN/THWN, 90°C. MINIMUM SIZE: #12 AWG.
- C. ALL MULTI-CONDUCTOR CABLE FOR BRANCH CIRCUIT WIRING SHALL BE MEDICAL GRADE TYPE "MC" METALLIC CLAD CABLE (COPPER) W/ CONTINUOUS, INSULATED GROUNDING CONDUCTOR. MINIMUM SIZE: #12 AWG.
- D. ALL CONTROL CABLE RUN EXPOSED IN THE CEILING SPACE FOR COMMUNICATIONS, TELEPHONE, DATA, ETC, SHALL BE TEFLON JACKETED & BE UL LISTED FOR USE IN AN AIR HANDLING PLENUM.
- E. JOINTS. TAPS & SPLICES OF WIRE OF SIZE #10 & SMALLER SHALL BE MADE W/ "SCOTCHLOK" TYPE SPRING CONNECTORS; SIZES #8 & LARGER SHALL BE MADE W/ COMPRESSION CONNECTORS.
- 11. OUTLETS & WIRING DEVICES
- A. BOXES & FITTINGS FOR CONCEALED WORK SHALL BE PRESSED SHEET STEEL, CADMIUM COATED, OR ZINC GALVANIZED AS MANUFACTURED BY RACO, STEEL CITY, UNIVERSAL, OR EQUAL. IN CONCEALED WORK, INSTALL ALL BOXES SO THAT THE FRONT EDGES DO NOT PROTRUDE BEYOND THE FINISHED WALL SURFACE. OUTLET BOXES SHALL BE 4" SQUARE OR OCTAGONAL & NOT LESS THAN 1-1/2" DEEP. IN ALL CASES THEY SHALL BE OF A SIZE & SHAPE ESPECIALLY ADAPTED TO THE PARTICULAR USE TO WHICH THEY ARE PUT. WHERE SPACE LIMITATIONS DICTATE, 2" x 4" BOXES MAYBE USED, IF PROPER VOLUME AS DICTATED BY THE NEC.
- B. RECEPTACLES SHALL BE DUPLEX GROUNDING TYPE 20A, NEMA 5-20R, 120V, MEDICAL GRADE, W/ WHITE PLASTIC COVER PLATE. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLES SHALL BE UL 914 LISTED & PROVIDED IN LOCATIONS AS INDICATED. COLOR SHALL BE WHITE.
- C. SWITCHES SHALL BE SINGLE POLE, OR THREE-WAY AS INDICATED, 20A, 120V-277V, SPECIFICATION GRADE, QUIET TYPE, W/ WHITE PLASTIC COVER.
- D. PROVIDE MEDICAL GRADE DEVICES COMPLIANT WITH NEC 517.13 FOR ALL ROOMS WHERE NOTED .
- E. MANUFACTURES:
- (1) HUBBELL 2) LEVITON 3) BRYANT
- (4) PASS & SEYMOUR (5) COOPER WIRING SYSTEM
- 12. LIGHT FIXTURE REQUIREMENTS
- A. ALL LIGHT FIXTURES ARE TO BE PROVIDED COMPLETED W/ ALL NECESSARY ACCESSORIES. SUPPORTS & FOR PROPER INSTALLATION. CATALOG NUMBERS SHOWN ARE BASIC FIXTURE TYPES, & ADDITIONAL FEATURES, ACCESSORIES, & OPTIONS HEREIN SPECIFIED OR SCHEDULED ARE TO BE PROVIDED FOR ALL FIXTURES PROVIDED.
- B. LED LAMPS / MODULES: (1) MANUFACTURERS: OSRAM/SYLVANIA GENERAL ELECTRIC
- PHILLIPS
- 13. GROUNDING
- A. ALL EQUIPMENT GROUNDING CONNECTIONS SHALL BE COMPLETELY CONNECTED PRIOR TO ENERGIZING EQUIPMENT. THE ENTIRE RACEWAY SYSTEM SHALL COMPOSE A CONTINUOS GROUND FROM THE INITIAL GROUND CONNECTION TO THE FURTHEST OUTLET.
- B. ALL RECEPTACLES SHALL HAVE A SEPARATE GROUNDING CONDUCTOR INSTALLED FROM THE GROUND TERMINAL ON THE DEVICE TO THE METALLIC BOX.

KEY

PULL BOX D	NEW MANUAL FIRE ALARM PULL BOX
OFE	FIRE EXTINGUISHER
<u>SD</u>	NEW SMOKE DETECTOR
\bigcirc	NEW CARBON MONOXIDE DETECTOR
AV	NEW HORN/STROBE AV DEVICE
	NEW EMERGENCY LIGHT
ф	DUPLEX RECEPTACLE
∯ ^{F1}	GROUND FAULT INTERRUPT CIRCUIT
Ф	NEW RECEPTACLE
\$ _D	WALL SWITCH (D=DIMMER)
P	EXISTING PHONE JACK
₽ ▼	NEW PHONE JACK
▼	NEW NETWORK DROP

- 14. PANELBOARDS AND BREAKERS
- A. AS REQUIRED NEW CIRCUIT BREAKERS SHALL BE QUICK MAKE, QUICK-BREAK, W/ THERMAL MAGNETIC TRIP, CIRCUIT BREAKERS FOR HVAC EQUIPMENT LOADS SHALL BE SPECIFICALLY RATED FOR SUCH LOADS (HACR TYPE). MULTI-POLE BREAKERS SHALL HAVE A COMMON INTERNAL TRIP, UL LISTED AS MULTI-POLE UNITS. HANDLE TIES ARE NOT PERMITTED.
- 15. SHOP DRAWINGS & MANUFACTURER DATA
- A. THE CONTRACTOR SHALL SUBMIT W/ SUCH PROMPTNESS AS TO CAUSE NO DELAYS IN HIS WORK OR THAT OF OTHER CONTRACTORS. PROVIDE SIX (6) COPIES OF ALL SHOP DRAWINGS OR DESCRIPTIVE LITERATURE ON ALL EQUIPMENT TO BE SUPPLIED.
- 16. AS BUILT DRAWINGS
- A. AT THE COMPLETION OF THE ELECTRICAL WORK, THE CONTRACTOR RESPONSIBLE FOR THE WORK PERFORMED UNDER THIS CONTRACT SHALL PROVIDE AS-BUILT DRAWINGS.
- B. THE CONTRACTOR WILL BE FURNISHED A SET OF PRINTS OF THE CONTRACT DRAWINGS FOR THE PURPOSE OF KEEPING A COMPLETE RECORD OF ALL INSTALLATION WORK. THE CONTRACTOR SHALL KEEP A COMPLETE RECORD OF ALL WORK & SHALL INDICATE DEVIATIONS FROM THE CONTRACT DRAWINGS. ALL CHANGES, REVISIONS &/OR ADDITIONS MADE IN THE INSTALLATION OF THE WORK, WHICH DIFFER FROM THAT REQUIRED BY THESE DRAWINGS, SHALL BE NOTED.

END

FIRE ALARM SYSTEM REQUIREMENTS

- 1. GENERAL 1.1 REFERENCES
- A. NFPA 70 NATIONAL ELECTRICAL CODE (LATEST EDITION) B. NFPA 72 – NATIONAL FIRE CODE (LATEST EDITION)
- 1.2 SYSTEM DESCRIPTION
- A. PROVIDE NEW ADDRESSABLE SYSTEM AND DEVICES. THESE SHALL BE
- FURNISHED, INSTALLED, TESTED & CERTIFIED BY A LICENSED FIRE ALARM INSTALLER. B. FIRE ALARM SYSTEM: NFPA 72, MANUAL & AUTOMATIC LOCAL FIRE ALARM SYSTEM; PROVIDE ONE YEAR (1) WARRANTY (FULL PARTS & LABOR).
- 1.3 QUALIFICATIONS
 - A. MANUFACTURER: FIRE ALARM COMPANY SPECIALIZING IN MANUFACTURING THE PRODUCTS SPECIFIED IN THIS SECTION W/ MINIMUM THREE YEARS DOCUMENTED EXPERIENCE.
 - B. INSTALLER: HIRE SERVICES OF OWNER'S FIRE ALARM CONTRACTOR.
- 1.4 REGULATORY REQUIREMENTS
- A. CONFORM TO REQUIREMENTS OF NFPA 70, 72 & NFPA 101. B. FURNISH PRODUCTS LISTED & CLASSIFIED BY UL TESTING AS SUITABLE FOR FIRE ALARM SERVICE.
- 2. PRODUCTS
- 2.1 CONTROL PANELS
- A. FIRE ALARM CONTROL PANEL (FACP), ADDRESSABLE, UP TO 50 POINTS. CELLULAR CAPABILITY, LINKABLE TO ADDITIONAL PANELS (HONEYWELL SILENT KNIGHT MODEL ES-50X).
- 2.2 INITIATING DEVICES
- A. MANUAL PULL STATIONS: SEMI-FLUSH MOUNTED, AS MANUFACTURED BY FIRE ALARM MANUFACTURE W/ ADDRESSABLE MODULE. PROVIDE MANUFACTURER'S STANDARD BACKBOX.
- B. CEILING MOUNTED SMOKE DETECTORS: ADDRESSABLE PHOTOELECTRIC TYPE DETECTOR, SUITABLE FOR MOUNTING ON 4 INCH OUTLET BOX. C. CEILING MOUNTED CARBON MONOXIDE DETECTORS: ADDRESSABLE, SUITABLE
- FOR MOUNTING ON 4 INCH OUTLET BOX.
- 2.3 SIGNALING APPLIANCES
- A. ALARM HORN/STROBE UNIT: HORN SHALL BE NFPA 72 SURFACE TYPE FIRE ALARM HORN. SOUND RATING: 90 DB AT 10 FEET. PROVIDE INTEGRAL STROBE LAMP & FLASHER W/ RED LETTERED "FIRE" ON WHITE LENS. B. ALARM STROBE-ONLY UNIT: PROVIDE INTEGRAL STROBE LAMP & FLASHER
- W/ RED LETTERED "FIRE" ON WHITE LENS.
- 2.4 FIRE ALARM WIRE & CABLE
- A. FIRE ALARM POWER BRANCH CIRCUITS: BUILDING WIRE AS SPECIFIED. B. INITIATING DEVICE & INDICATING APPLIANCE CIRCUITS: ALL FIRE ALARM SIGNAL WIRING IN NEW CONSTRUCTION SHALL BE INSTALLED IN CONDUIT. WIRING SHALL BE (2) #16 COPPER. TWISTED/SHIELDED SIGNAL CABLE UL LISTED AS SUITABLE FOR USE IN FIRE ALARM SYSTEM INSTALLATIONS.
- 1. EXECUTION
- 3.1 INSTALLATION
- A. INSTALL PRODUCTS IN ACCORDANCE W/ FIRE ALARM MANUFACTURER'S INSTRUCTIONS.
- B. INSTALL MANUAL STATION W/ OPERATING HANDLE 3 FEET 8 INCHES ABOVE FLOOR OR AS REQUIRED BY ADA CODE. INSTALL AUDIBLE & VISUAL SIGNAL DEVICES 6 FT-10 IN ABOVE FLOOR, BUT NOT LESS THAN 6" BELOW CEILING..
- C. INSTALL ALL POWER & SIGNAL WIRING IN CONDUIT.
- D. MOUNT END-OF-LINE DEVICE BOX WITHIN LAST DEVICE OR SEPARATE BOX ADJACENT TO LAST DEVICE ON CIRCUIT.

LUMINAIRE SCHEDULE

TYPE	SYMBOL	LUMINAIRE DESCRIPTION	SOURCE	VOLTAGE	DESIGN BASIS OR EQUAL
A	Ø	6" DIA., RECESSED DOWNLIGHT, RATED FOR INSUL. CEILINGS, DL=DAMP LOCATION, UL LISTED.	LED 11W 80CRI 900L 3500° K	120	EATON HALO MODEL #H750ICAT-ML5609835-693WB WHITE BAFFLE & TRIM RING
B1	\bigcirc	CEILING FIXTURE, WHITE OPAL ACRYLIC DIFFUSER, 19IN. ROUND	LED 30.5W 1600L 80CRI 3000° K	120	EATON HALO MODEL #FM-19-WR30R
B2	\bigcirc	CEILING FIXTURE, SURFACE MOUNTED, WHITE OPAL ACRYLIC DIFFUSER, DIMMABLE, 15IN. ROUND	LED 21.3W 2350L 80CRI 3000° K	120	EATON HALO MODEL #FM-15-WR30R
C1,C2	000	VANITY LIGHT, SATIN NICKEL, OPAL GLASS, C1=2 SHADES, C2=3 SHADES PROVIDE 60W EQUIVALENT LED LAMPS.	LED 20W 3500° K	120/277	MENCINO C1: 12-3/4" WIDE - STYLE # 5Y947 C2: 20" WIDE - STYLE # 5Y949
D1	0	1'x4' SURFACE MOUNTED WRAP FIXTURE, WHITE.	LED 28W 3298L 80CRI 3000° K	120/277	EATON METALUX MODEL #4WNLED-LD4-32SLF- UNV-L835-CD1-U
D2	0	2'x4' RECESSED OR SURFACE MOUNTED CEILING FIXTURE, WHITE, DIMMABLE,	LED 40W 5073L 80CRI 3500° K	120/277	EATON METLUX MODEL #24FP4735C
E		UNDERCABINET LIGHT, 36IN., DIMMABLE, DAISY CHAIN CONNECTORS, WHITE.	LED 20W 4000° K 330L/FT	120/277	EATON HALO MODEL #HU1036-940P
EM		EMERGENCY BATTERY PACK LIGHTING FIXTURE, 90 MINUTES BACKUP	LED	120/277	EATON SURELITE #APEL

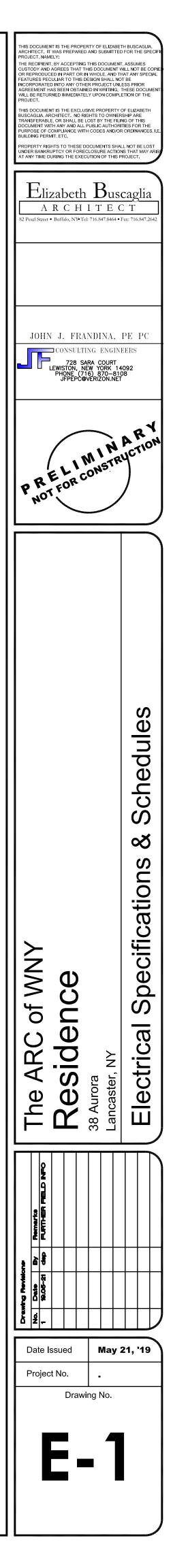
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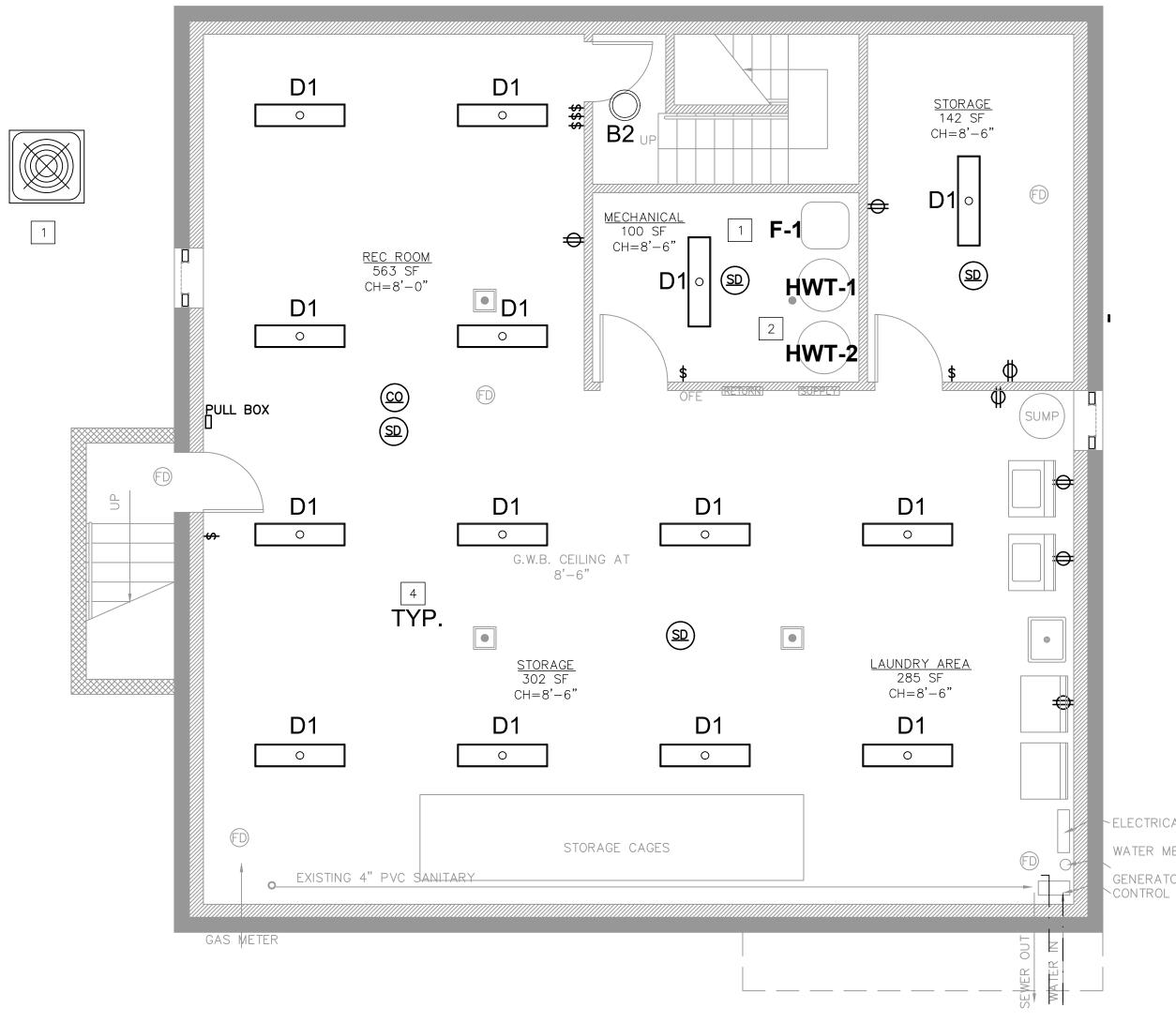
1. PROVIDE FIXTURES COMPLETE WITH MOUNTING KITS AND LAMPS 2. ALL FIXTURES TO HAVE FINAL APPROVAL BY OWNER/ARCH.

ELECTRICAL GENERAL NOTES

REPLACE ALL RECEPTACLES, LIGHT SWITCHES AND COVER PLATES 1. IN-KIND WITH WHITE IVORY.

REPLACE ALL EMERGENCY LIGHT FIXTURES AS SCHEDULED. 2.





BASEMENT PLAN SCALE <u>1</u>"=1'-0"



2.

ELECTRICAL PANEL WATER METER GENERATOR

1.

2. 3. 4.

<u>ELECTRICAL</u> <u>GENERAL NOTES</u>

1. REPLACE ALL RECEPTACLES, LIGHT SWITCHES AND COVER PLATES IN-KIND WITH WHITE IVORY.

> REPLACE LIGHT FIXTURES PER SCHEDULE. RECONNECT AND EXTEND WIRING AS NECESSARY.

ELECTRICAL

CONSTRUCTION NOTES

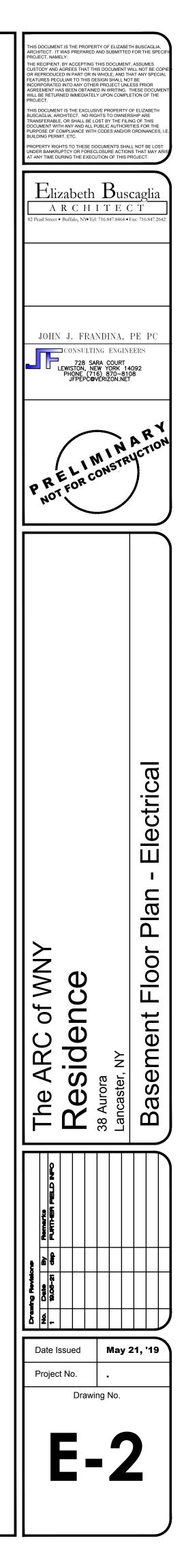
ADD_ALTERNATE_#2: DISCONNECT/RECONNECT_EXISTING_FURNACE_AND CONDENSING FOR REPLACEMENT. COORDINATE WORK WITH MECHANICAL CONTRACTOR.

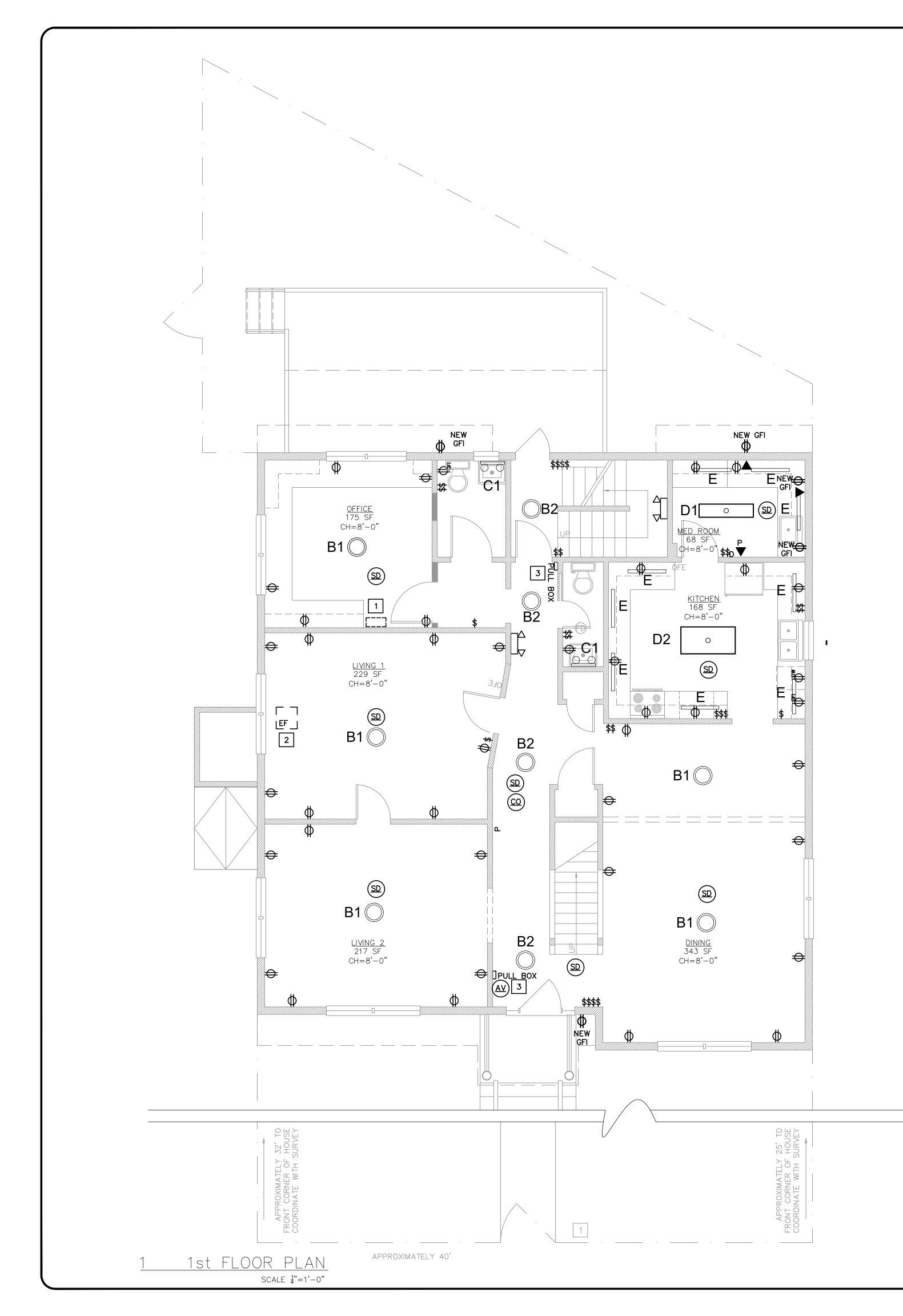
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PROVIDE CIRCUIT AND GFI RECEPTACLE FOR TWO (2) NEW HOT WATER TANKS. COORDINATE WORK WITH PLUMBING CONTRACTOR.

ADD ALTERNATE #3: PROVIDE NEW FIRE ALARM SYSTEM PER SPECIFICATIONS.

PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICES AND WIRING. COORDINATE PATCHING OF WALLS AND CEILINGS WITH G.C.





<u>EL</u> <u>GE</u> 1. 2.

E C 1. 2.

<u>electrical</u> <u>General notes</u>

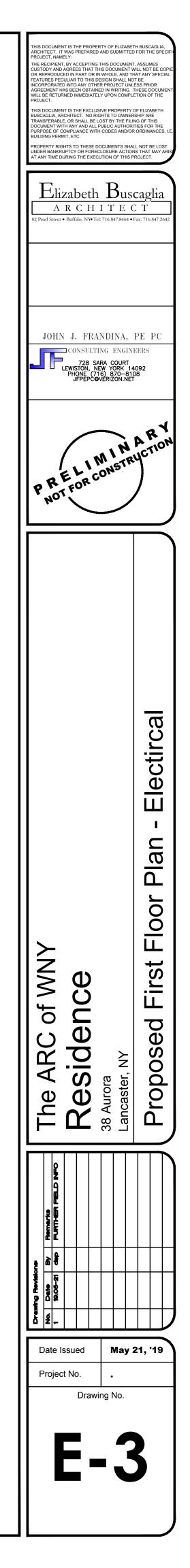
1. REPLACE ALL RECEPTACLES, LIGHT SWITCHES AND COVER PLATES IN-KIND WITH WHITE IVORY.

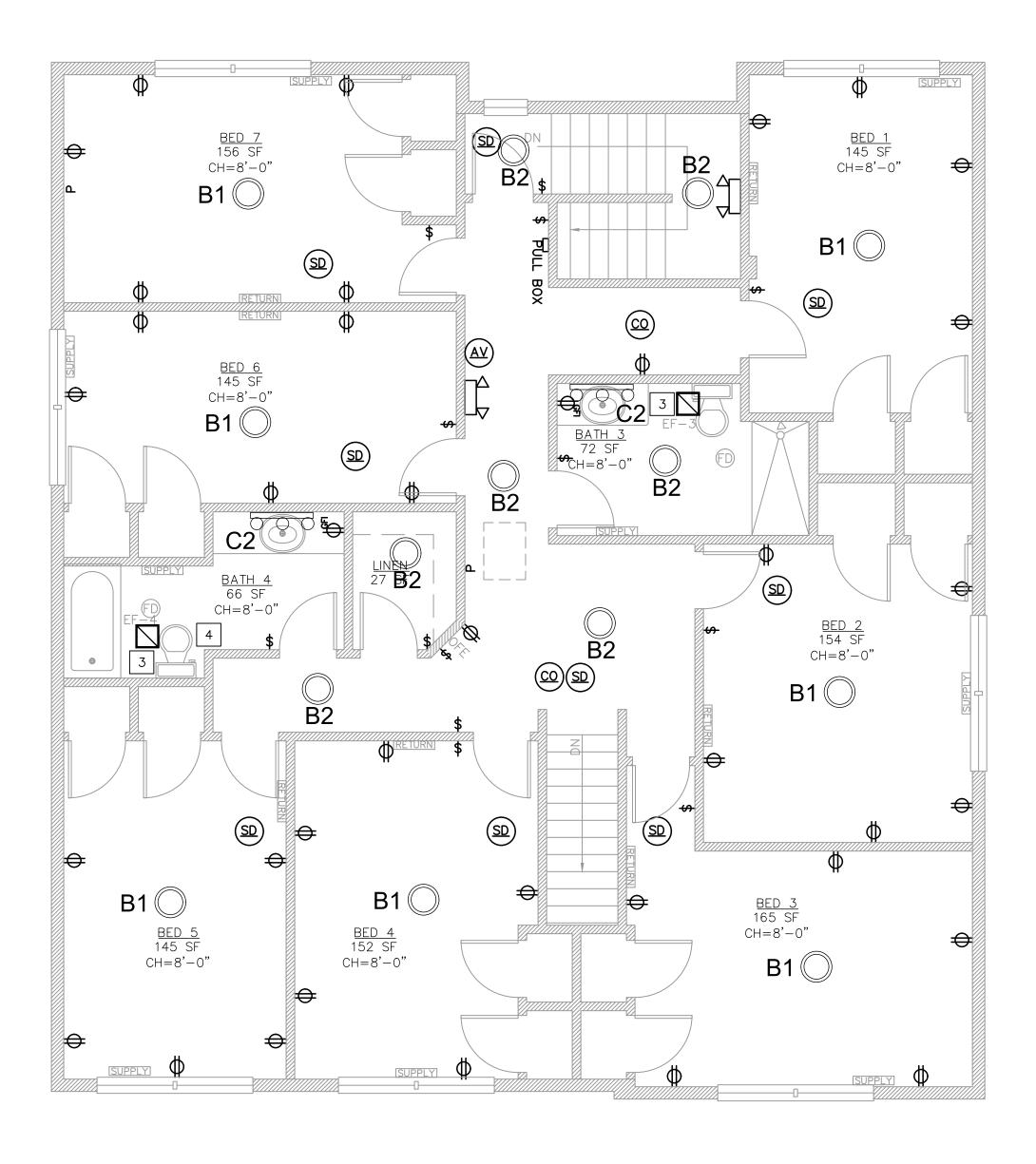
REPLACE LIGHT FIXTURES PER SCHEDULE.

<u>ELECTRICAL</u> Construction notes

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EXISTING FIRE ALARM PANEL TO REMAIN.
 DISCONNECT AND REMOVE WIRING FROM EXHAUST FAN BACK TO SOURCE.
 EXISTING FIRE ALARM HORN/STROBE AND PULL STATION TO REMAIN.





<u>Second floor</u> SCALE <u>1</u>"=1'-0"



- 1. REPLACE ALL RECEPTACLES, LIGHT SWITCHES AND COVER PLATES IN-KIND WITH WHITE IVORY.
- REPLACE LIGHT FIXTURES PER SCHEDULE. 2.
- DISCONNECT/RECONNECT WIRING FOR EXHAUST FAN REPLACEMENT. 3. COORDINATE WITH MECHANICAL CONTRACTOR.

