

INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6

CITY OF LYNCHBURG PROJECT NUMBER BM 078.0170
LYNCHBURG, VIRGINIA



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**INTERIOR RENOVATIONS TO
MILLER PARK FIRE STATION NO. 6**
 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



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DESIGNED: MWS,BLS
DRAWN: BLS,MKG
CHECKED: MWS,BLS
DATE: 2015-03-20
REVISIONS:

COVER SHEET

CS1.0

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DRAWING LIST

CS1.0 COVER SHEET
LS1.0 LIFE SAFETY PLANS & CODE DATA SHEET

ARCHITECTURAL

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A2.3 ELEVATIONS
A3.0 DOOR & FINISH SCHEDULES, DOOR DETAILS

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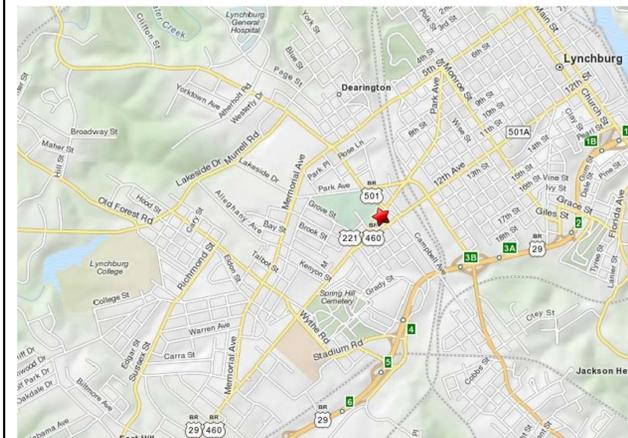
M0.1 LEGENDS, NOTES AND ABBREVIATIONS
M2.0 BASEMENT & 1ST FLOOR NEW WORK PLAN
M2.1 2ND FLOOR NEW WORK PLAN & SCHEDULES
M2.2 3RD FLOOR NEW WORK PLAN

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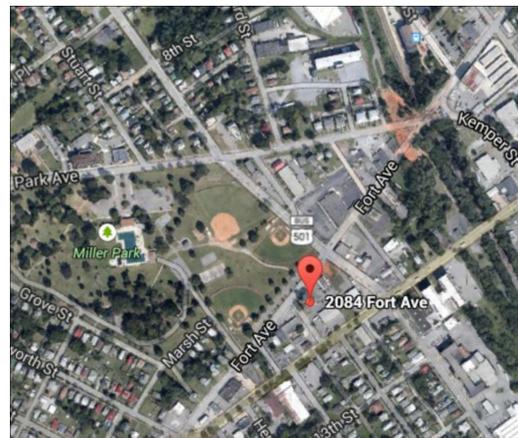
E0.1 LEGEND, NOTES & ABBREVIATIONS
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VICINITY MAP



SITE MAP



ABBREVIATIONS

AB ANCHOR BOLT	DET DETAIL(ED)	GRG GRATING	LLV LONG LEG VERTICAL	PLYND PLYWOOD	STC SOUND TRANSMISSION COEFFICIENT
ABV ABOVE	DIA DIAMETER	GNB GYPSUM WALLBOARD	LOC LOCATION	PNL6 PANELING	STD STANDARD
ACST ACOUSTIC	DIAG DIAGONAL, DIAGRAM	GYP GYPSUM	LONG LONGITUDINAL	FR PAIR	STL STEEL
ACT ACOUSTICAL CEILING TILE	DIM DIMENSION	H HEIGHT, HIGH	LPT LOW POINT	PSF POUNDS PER SQUARE FOOT	STO STORAGE
AFB ABOVE FINISHED FLOOR	DK DECK	HB HOSE BIBB	MAGH MAGNINE	PSI POUNDS PER SQUARE INCH	STRUCT STRUCTURAL
AGGR AGGREGATE	DN DOWN	HBD HARDBOARD	MAS MASONRY	PT PRESSURE TREATED, POINT, POINT OF TANG.	SUSP (SUSPENDED)
AHR ANCHOR	DOH DOOR OPENING HEIGHT	HC HAND(CAPPED)	MATL MATERIAL	PTN PARTITION	SYM SYMMETRICAL
AL ALUMINUM	DOM DOOR OPENING MIDTH	HDW HARDWARE	MAX MAXIMUM	PVC POLYVINYL CHLORIDE, POINT OF VERTICAL CURVE	SYS SYSTEM
APC ARCHITECTURAL PREGAST	DP DAMPROOFING	HDWD HARDWOOD	MCT MARBLEUM COMPOSITE TILE	QT QUARRY TILE	TEL TELEPHONE
APPROX APPROXIMATE	DR DOOR	HM HOLLOW METAL	MDF MEDIUM DENSITY FIBERBOARD	R RADIIUS, REACTION, RISER, RESISTANCE	T16 TONGUE AND GROOVE
ARCH ARCHITECTURAL	DS DOWNSPOUT	HMD HOLLOW METAL DOOR	MECH MECHANICAL	RA RETURN AIR	THK THICKNESS
AVG AVERAGE	DWG DRAWING	HMF HOLLOW METAL FRAME	MEZZ MEZZANINE	RAF RESILIENT ATHLETIC FLOORING	THR THRESHOLD
BD BOARD	EA EACH	HOR HORIZONTAL	MFR MANUFACTURER	RCP REFLECTED CEILING PLAN	TOJ TOP OF JOIST
BET BETWEEN	EIFS EXTERIOR INSULATION FINISH SYSTEM	HPT HIGH POINT	MIN MINIMUM	RCPRT RECEPTACLE(S)	TOS TOP OF STEEL
BLDG BUILDING	EJ EXPANSION JOINT	HR HANDRAIL	MISC MISCELLANEOUS	RD ROOF DRAIN	TOT TOTAL
BLK BLOCKING	EL ELEVATION	HT HEIGHT	MO MASONRY OPENING	REF REFERENCE	TRD TREAD
BM BEAM	ELEG ELECTRICAL	HVAC HEATING, VENTILATING & AIR CONDITIONING	MON MASONRY OPENING HEIGHT	REFINF REINFORCEMENT(ING)	TRTD TREATED
BOT BOTTOM	ELEV ELEVATOR, ELEVATION	HW HOT WATER	MOM MASONRY OPENING MIDTH	REQD REQUIRED	T*STAT THERMOSTAT
BRG BEARING	ENCL ENCLOSE(URE)	ID INSIDE DIAMETER	MT MOUNT	REQM REQUIREMENT(S)	TYP TYPICAL
BUR BUILT-UP ROOF(ING)	E0 EQUAL	IN INCH	MTL METAL	REIL RESILIENT	UN UNLESS OTHERWISE NOTED
C/C CENTER TO CENTER	E0PT EQUIPMENT	INCL INCLUSIVE	MUL MULLION	RET RETURN	UTIL UTILITY
CIP CAST-IN-PLACE, CAST IRON PIPE	ENG ELECTRIC WATER COOLER	INSTL INSTALL(ED)	MWP MEMBRANE WATERPROOFING	REV REVERSE ACTING, REVISED, REVISION	VCT VINYL COMPOSITION TILE
CL CONTROL JOINT	EXH EXHAUST	INSUL INSULATE(ED)(ING)(ION)	N NORTH	RFN RETURN FAN, ROOF	VENT VENTILATE
CL CENTER LINE	INT INTERIOR	INT INTERIOR	NIC NOT IN CONTRACT	RG RETURN GRILLE	VERT VERTICAL
CFS COLD FORMED STEEL	EXP EXPOSED	INTMD INTERMEDIATE	NO, NUMBER	RM ROOM	VEST VESTIBULE
CFMF COLD FORMED METAL FRAMING	EXPN EXPANSION	ISOL ISOLATION	NOM NOMINAL	RO ROUGH OPENING	VIF VERIFY IN FIELD
CL6 CEILING	EXT EXTERIOR	JAN JANITOR	NSL NONSLIP TREAD	RU ROLL UP	VNR VENEER
CLR CLEAR	F4W FLASHING & WEEPS	JST JOIST	NTS NOT TO SCALE	S SOLID, SOUTH, SWITCH	VTR VENT THRU ROOF
CMU CONCRETE MASONRY UNIT	FD FLOOR DRAIN	JT JOINT(S), POWER TRANSMITTER	OAH OVERALL HEIGHT	SF SOLID, SOUTH, SWITCH	VWC VINYL WALL COVERING
COL COLUMN	FDN FOUNDATION	KOP KNOCKOUT PANEL	OAM OVERALL MIDTH	SCF STEEL CHANNEL FRAME	W WITH
COMP COMPOSITE	F/F FACE TO FACE	L LENGTH, LINE, LONG	OC ON CENTER	SCH SCHEDULE	WC WATER CLOSET, WATER COLUMN
CONC CONCRETE, CONCENTRATED	FIN FINISH(ED)	LAB LABORATORY	OD OUTSIDE DIAMETER	SECT SECTION	WD WOOD
CONN CONNECT(ED), CONNECTION	FL FLOOR	LAM LAMINATE	OCF1 OWNER FURNISHED CONTRACTOR INSTALLED	SF SQUARE FEET (FOOT)	WDO WINDOW
CONSTR CONSTRUCTION	FRP FIBERGLASS REINFORCED POLYESTER	LAV LAVATORY	OCF2 OWNER FURNISHED OWNER INSTALLED	S6 SUPPLY GRILLE	W/O WITHOUT
CONT CONTINUATION, CONTINUOUS, CONTROL	FT FOOT(FEET)	LF FLOOR	OFF OFFICE	S6FU SPRAY POLYURETHANE FOAM INSULATION	WON WINDOW OPENING HEIGHT
CONTR CONTRACT, CONTRACTOR	FRK FIRE RETARDANT TREATED	LF LINEAR FOOT	OH OVERHEAD	SH SHEET	WON WINDOW OPENING MIDTH
COORD COORDINATE	FT6 FOOTING	L6 LENGTH, LONG	OPNG OPENING	SH SIMILAR	WP WEATHERPROOF, WORKING POINT
CORR CORR(D), CORRUGATED	FUT FUTURE	LIN LINEAR	OPP OPPOSITE	SLP SLOPE	WRGB WATER RESISTANT GYPSUM WALLBOARD
CT CERAMIC TILE	GA GAGE	LL LIVE LOAD	O/O OUT TO OUT	SNT SEALANT	WVF WELDED WIRE FABRIC
CTNG COATING	GAL GALLON	LLH LONG LEG HORIZONTAL	PI PERIMETER INSULATION	SPEC SPECIFICATION(S)	WV WREST
CTR CENTER	GALV GALVANIZE(D)	PL PLATE	PL PLASTIC LAMINATE	SFFI SPRAY POLYURETHANE FOAM INSULATION	
CTSK COUNTERSUNK	GL GLASS	PLM PLASTIC LAMINATE	PLAS PLASTER	SFM SINGLE PLY MEMBRANE	
DEPTH, DEEP				SQ SQUARE	
DBL DOUBLE				SST STAINLESS STEEL	
DEPT DEPARTMENT					

SYMBOL LEGEND

	PRE CAST ARCHITECTURAL CONCRETE "APC"		FINISH WOOD
	GYPSUM WALLBOARD		PLYWOOD
	BRICK OR MASONRY VENEER		CONCRETE
	CONCRETE MASONRY UNITS "CMU"		CRUSHED STONE BASE MATERIAL
	RIGID INSULATION		EARTH
	BATT INSULATION		STEEL
	COLUMN TAG		ELEVATION REFERENCE
	ELEVATION MARKER		DETAIL REFERENCE SYMBOL
	WALL TYPE TAG		SECTION REFERENCE SYMBOL
	GENERAL NOTE TAG		SECTION REFERENCE SYMBOL 2
	LOUVER TAG		INTERIOR ELEVATION MARKER
	WINDOW TAG		FINISH SCHEDULE TAG
	DOOR TAG		SOUTH WALL
	LOUVER TAG		CEILING
	WINDOW TAG		EAST WALL
	INTERIOR ELEVATION MARKER		WEST WALL
	FINISH SCHEDULE TAG		BASE
	WINDOW TAG		FLOOR
	INTERIOR ELEVATION MARKER		NORTH WALL
	FINISH SCHEDULE TAG		SECTION REFERENCE SYMBOL 3
	WINDOW TAG		SECTION REFERENCE SYMBOL 4
	INTERIOR ELEVATION MARKER		SECTION REFERENCE SYMBOL 5
	FINISH SCHEDULE TAG		SECTION REFERENCE SYMBOL 6

USED ON INT. ELEVS. WITH SEVERAL SECTIONS CUT FOUND ON A COMMON SHEET. SHEET NUMBER NOTED WITH SECTION DETAILS.

COPY ARCHITECTURAL PARTNERS, P.C.

BUILDING CODE DATA

PROJECT:
Interior Renovations to Fire Station 6
Miller Park

APPLICABLE CODES
Virginia Construction Code 2012 2012 Edition, effective July 1, 2014
Virginia Energy Conservation Code 2012 Virginia Mechanical Code
Virginia Plumbing Code 2012 Virginia Fuel Gas Code
National Electrical Code 2008
Accessibility Requirements ICC/ANSI A117.1-03 "Accessible and Usable Buildings and Facilities" - 2003

BUILDING USE, CONSTRUCTION CLASSIFICATION & HEIGHT
Use Groups: First Floor S-2 Low Hazard Storage
Second Floor B Business (by requested Code Modification)
Third Floor B Business (by posted occupancy of 18)

Construction Type: III-B
Building Height Allowance (IBC Table 503): 55 feet
Building Area Allowance (IBC Table 503): 19,000 s.f.
Allowable No. of Stories (IBC Table 503): 3 stories
Actual Building Height: 48 feet
Actual Number of Stories: 3 stories
Actual Building Area Per Floor:
First Floor 2233 s.f.
Second Floor 2491 s.f.
Third Floor 2509 s.f.

Area Increase Calculation:
Each fl. = 19,000 (tabular) + 14,250 (frontage increase) = 33,250 (allowable)

BUILDING HEIGHT
IBC 504, Type III-B
Occupancy Tabular Values
B Use: 55 ft, 3 st

Occupancy Allowable Values
S-2 Use: 55 ft, 3 st

BUILDING FIRE RATINGS
IBC Table 601, Type III-B
Structural Frame (columns, girders, trusses): 0 hrs
Exterior Bearing walls: 2 hrs (FRT wood per 602.3)
Exterior Non-bearing walls: 0 hrs (FRT wood per 602.3)
Interior Bearing walls: 0 hrs
Interior non-bearing walls: 0 hrs
Floor construction (supporting beams/ joists): 0 hrs
Roof construction (supporting beams/ joists): 0 hrs

Note: FRT = Fire-Retardant Treated.

FIRE BARRIERS
IBC Section 707.3.1 & 708.4
Shaft enclosures shall have a (1) hour fire resistance rating due to connecting three stories.
IBC Section 703.2 & 1022.1
Exit enclosures shall have a (1) hour fire resistance rating due to connecting three stories.

INTERIOR FINISH REQUIREMENTS
IBC Table 803.9.
B Use: Non-Sprinklered
Exit enclosures, atrium and passageways: Class B finishes required
Corridors: Class C finishes required
Rooms and enclosed spaces: Class C finishes required

FIRE PROTECTION SYSTEMS
IBC 903
Automatic Sprinklers: Not Required
Fire Extinguishers: Required in certain locations. See LS plans. (IBC 906.1)
Standpipe System: Not required, highest floor is < 30 feet above fire dept. entrance (IBC 905.3.1 & 905.4)
Fire Alarm System: Manual fire alarm system not required. (IBC Section 907, NFPA 72)
Auto Smoke Detection: Not required. (IBC Fig. 907.2.8.2)
Smoke Alarm: Not required (IBC Section 907, NFPA 72)

MINIMUM CORRIDOR CEILING HEIGHT
IBC 1003.2
7 ft. - 6 inches

OCCUPANT LOAD
IBC Table 1004.1.1
Business: 100 gross s.f. per occupant
Storage, Mechanical: 300 gross s.f. per occupant

MINIMUM EGRESS WIDTH REQUIREMENTS
IBC 1005.1, 1009.1, and 1017.2
Stairways: 0.3 inches per occupant or minimum width of 44" 1009.1
Other egress components: 0.2 inches per occupant or minimum width of 44" 1018.2

PANIC HARDWARE
IBC 1008.1.10
Business occupancy Required for each door in a means of egress having an occupant load of 50 or more.

COMMON PATH OF TRAVEL
IBC Section 1014.3 and 1028.8

B Use: 100 ft.
SPACES WITH ONE MEANS OF EGRESS
IBC Table 1015.1
B Use: 50 occupants, maximum

REMOTENESS OF EXITS
IBC 1015.2.1
Separation distance of exit doors shall not be less than 1/4 of overall diagonal dimension of the area served. (Exception 2)

MAXIMUM TRAVEL DISTANCE TO EXIT
IBC Table 1016.1
B Use: 300' (with sprinkler system)

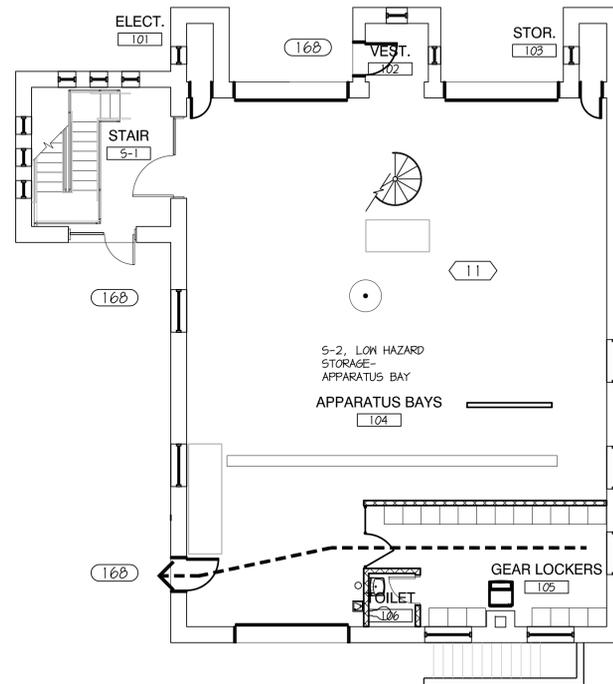
CORRIDOR FIRE RESISTANCE RATING
IBC Table 1018.1
B Use, with no sprinkler system: 1 hour fire resistance rating

MAXIMUM DEAD END DISTANCE
IBC 1018.4
B Use: 20 ft.

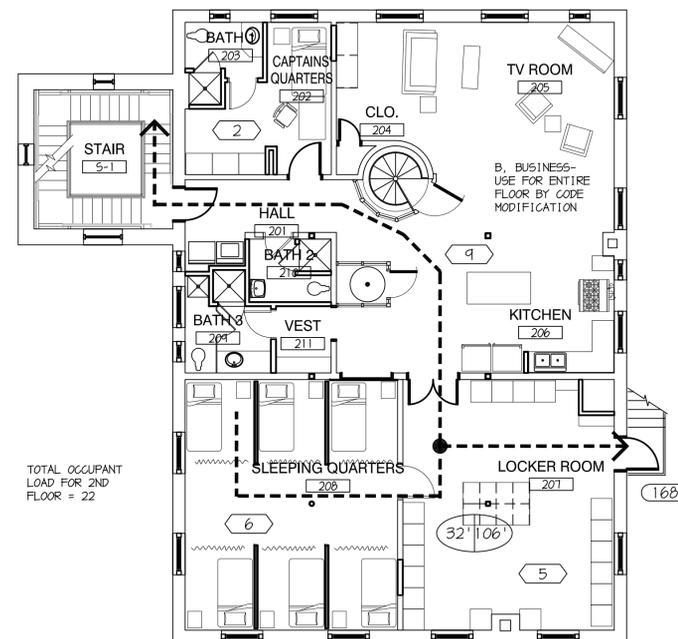
VERTICAL EXIT ENCLOSURES
IBC 1022
Stairways that are not a required means of egress element are not required to be enclosed when in compliance with IBC 708.2, Exception 11

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES
IBC Table 2902.1
(B area occupant load total = 40)
B Use: 1 water closet (wc) per 25 occupants up to 2 wc, then 1 wc per 50 occupants. = 2
1 lavatory (lav) per 40 occupants up to 2 lav, then 1 lav per 80 occupants. = 1
1 service sink
(S-2 area occupant load total = 11)
S-2 Use: 1 water closet (wc) per 100 occupants = 1
1 lavatory (lav) per 100 occupants = 1
1 service sink

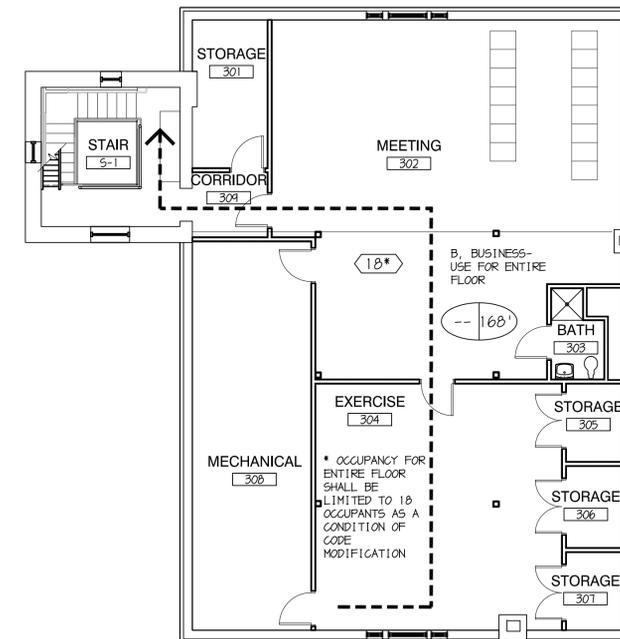
Total fixture count:
Water closets = 4 actual = 3 required = OK
Lavatories = 4 actual > 2 required = OK
Service Sink = 1 actual = 1 required = OK



FIRST FLOOR LIFE SAFETY PLAN
1/8"=1'-0"



SECOND FLOOR LIFE SAFETY PLAN
1/8"=1'-0"



THIRD FLOOR LIFE SAFETY PLAN
1/8"=1'-0"



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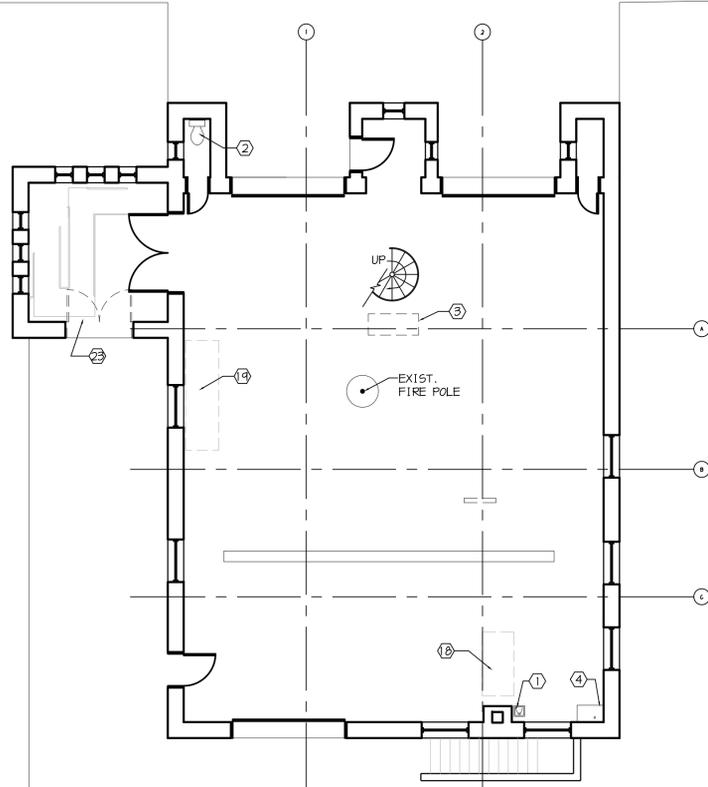


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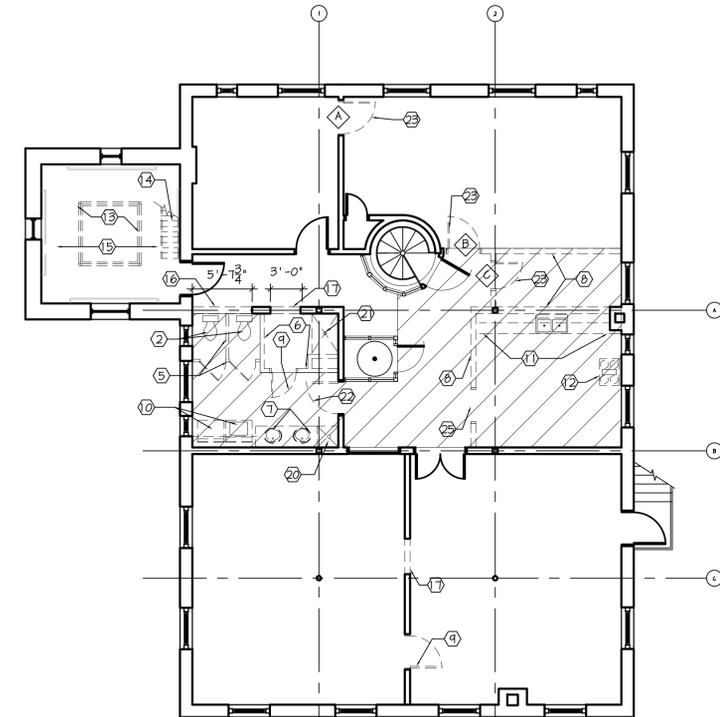
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LIFE SAFETY PLANS & CODE DATA SHEET

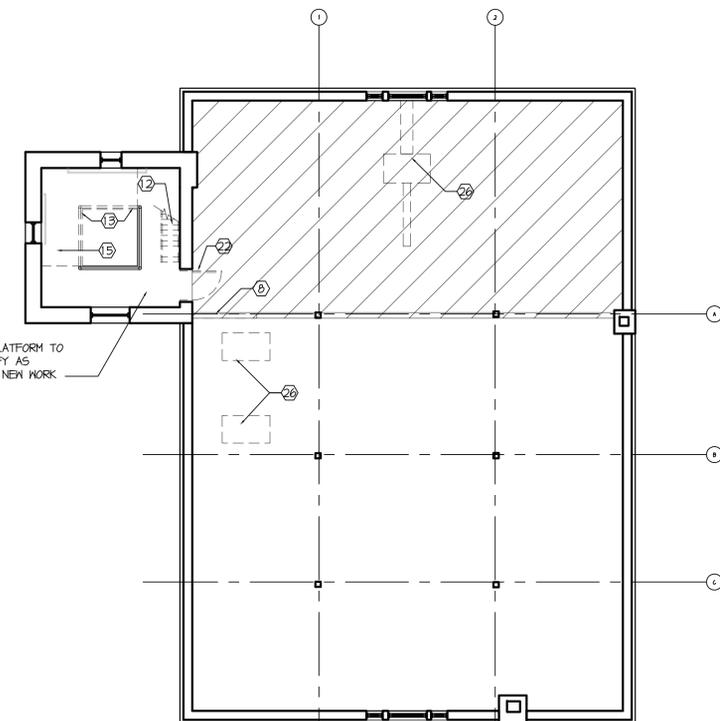
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FIRST FLOOR DEMOLITION PLAN
1/8"=1'-0"



SECOND FLOOR DEMOLITION PLAN
1/8"=1'-0"



THIRD FLOOR DEMOLITION PLAN
1/8"=1'-0"

DEMOLITION NOTES

1. REMOVE EXISTING FLOOR MOUNTED ETC. SEE PLUMBING DRAWINGS FOR ADDITIONAL WORK.
2. REMOVE EXISTING WATER CLOSET. SEE PLUMBING DRAWINGS FOR ADDITIONAL WORK.
3. REMOVE EXISTING FLOOR MOUNTED TABLE & PEGBOARD.
4. REMOVE EXISTING WALL MOUNTED SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL WORK.
5. REMOVE EXISTING TOILET PARTITION.
6. REMOVE EXISTING PARTIAL HEIGHT PARTITION.
7. REMOVE EXISTING BASE CABINETS, COUNTERTOP AND LAVATORIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL WORK.
8. REMOVE EXISTING FULL HEIGHT PARTITION. PATCH EXISTING REMAINING FLOOR, WALL AND CEILING SURFACES.
9. REMOVE EXISTING DOOR AND FRAME.
10. EXISTING APPLIANCE TO BE REMOVED BY OWNER.
11. REMOVE EXISTING KITCHEN CABINETS.
12. CAREFULLY REMOVE EXISTING WOOD SHIPS LADDER FOR REUSE IN NEW WORK.
13. REMOVE EXISTING METAL RAILING.
14. REMOVE EXISTING WOOD SHIPS LADDER, COMPLETE.
15. REMOVE EXISTING WOOD FLOORING & FRAMING, COMPLETE. PATCH & REPAIR EXISTING BRICK WALL AS REQUIRED.
16. CUT 8'-0" HIGH OPENINGS IN EXISTING PARTITION.
17. CUT OPENING IN EXISTING PARTITION FOR NEW DOOR, SEE DOOR SCHEDULE FOR OPENING SIZE.
18. RELOCATE EXIST. WORKBENCH. SEE FLOOR PLAN FOR NEW LOCATION.
19. RELOCATE EXIST. GEAR DRYER. SEE FLOOR PLAN FOR NEW LOCATION.
20. REMOVE EXISTING HOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL WORK.
21. REMOVE EXIST. SHOWER UNIT, COMPLETE.
22. REMOVE EXIST. DOOR LEAF & FINISH HARDWARE. EXIST. FRAME TO REMAIN. PATCH FRAME @ LOCATIONS OF REMOVED HARDWARE.
23. REMOVE EXIST. DOOR & FRAME. PREPARE REMAINING OPENING TO RECEIVE NEW WORK.
24. CAREFULLY REMOVE EXIST. DOOR & FRAME (INCLUDING TRANSOM) FOR REUSE IN NEW WORK. EXIST. DOOR UNIT IS DESIGNATED \diamond . SEE DOOR SCHEDULE FOR NEW LOCATION.
25. REMOVE EXIST. FRAME (INCLUDING TRANSOM).
26. REMOVE EXIST. HVAC UNIT. SEE MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
27. REMOVE EXIST. FINISH FLOOR (SHOWN HATCHED). SALVAGE EXIST. WOOD FINISH FLOORING WHERE POSSIBLE FOR REUSE IN NEW WORK. PREP REMAINING SUBFLOORING TO RECEIVE NEW FINISH. SEE SCHEDULE.
28. REMOVE EXISTING FINISHED FLOORINGS (SHOWN HATCHED). SALVAGE WHERE POSSIBLE. SEE SECTIONS 10/A2.1 & 11/A2.1.

GENERAL DEMOLITION NOTES

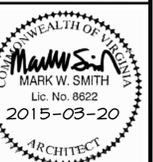
- A. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE OWNER'S ENVIRONMENTAL REPORT PRIOR TO CUTTING, REMOVING AND/OR DISPOSING OF ANY EXISTING BUILDING MATERIALS AND EQUIPMENT. IF ENCOUNTERED AND NOT IDENTIFIED ON THE OWNER'S ENVIRONMENTAL REPORT, THE GENERAL CONTRACTOR SHOULD ALSO PROMPTLY NOTIFY THE OWNER OF ANY SUSPECTED HAZARDOUS MATERIALS ENCOUNTERED DURING CONSTRUCTION.
- B. UNLESS NOTED OTHERWISE, GENERAL CONTRACTOR TO COORDINATE (WALK-THRU MEETING) WITH OWNER CONCERNING REMOVAL OR SALVAGING OF EXISTING FIXTURES, FURNISHINGS, CABINETS/CASEWORK, EQUIPMENT, LIGHT FIXTURES, ETC. BEFORE REMOVAL. UNLESS DIRECTED TO SALVAGE AND STORE, ALL ITEMS ARE TO BE DISPOSED OFF PREMISES BY THE GENERAL CONTRACTOR.
- C. SAVE ALL CASING AND TRIM TO BE REMOVED FOR POSSIBLE RE-USE BY OWNER. DELIVER TO OWNER AS DIRECTED.
- D. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL SELECTIVE DEMOLITION.
- E. SEE STRUCTURAL DRAWINGS FOR SPECIFIC DEMOLITION DETAILED INFORMATION.
- F. REMOVE EXISTING INTERIOR WALLS OR PORTIONS OF WALLS AS INDICATED ON THE DEMOLITION PLAN.
- G. REMOVE DETERIORATED, DAMAGED, AND/OR INSECURELY ATTACHED AREAS OF EXISTING PLASTER WHERE THE EXISTING FINISH IS TO REMAIN. REPAIR IN KIND TO MATCH FINISH IN DEPTH, TEXTURE, AND FINISH.
- H. REMOVE AND DISPOSE OF ALL EXISTING LIGHT FIXTURES IN WORK AREAS AS DIRECTED BY THE OWNER.
- I. PROTECT ALL EXISTING FINISHES TO REMAIN. REPAIR ANY DAMAGED FINISHES IN KIND SO REPAIRS ARE UNDETECTABLE.
- J. COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT WORK.
- K. IN ALL LOCATIONS WHERE REMOVAL OF EXISTING BUILDING ELEMENTS OR NEW WORK HAS TAKEN PLACE, MAKE REPAIRS TO WALLS, CEILINGS, FLOORS, ETC., WITH MATERIALS IN-KIND TO EXISTING MATERIALS SO ALL REPAIRS MATCH SURROUNDING AREAS IN LEVEL, FINISH, TEXTURE, COLOR, ETC. AND SO THE REPAIRS ARE UNDETECTABLE.
- L. NOTIFY ARCHITECT OF ANY UNCOVERED OR DISCOVERED CONDITIONS THAT MAY APPEAR TO BE STRUCTURALLY UNSOUND BEFORE PROCEEDING WITH NEW WORK.
- M. WHERE MASONRY WALLS ARE TO BE DEMOLISHED, SALVAGE AND STORE ALL FACE BRICK FOR POTENTIAL RE-USE.
- N. COORDINATE EXISTING SLAB DEMOLITION W/ MEP DRAWINGS.



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WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED: MWS,BLS
DRAWN: BLS,MKG
CHECKED: MWS,BLS
DATE: 2015-03-20
REVISIONS:

DEMOLITION PLANS

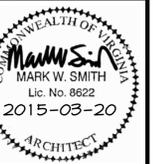
D1.0



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INTERIOR RENOVATIONS TO
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LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170

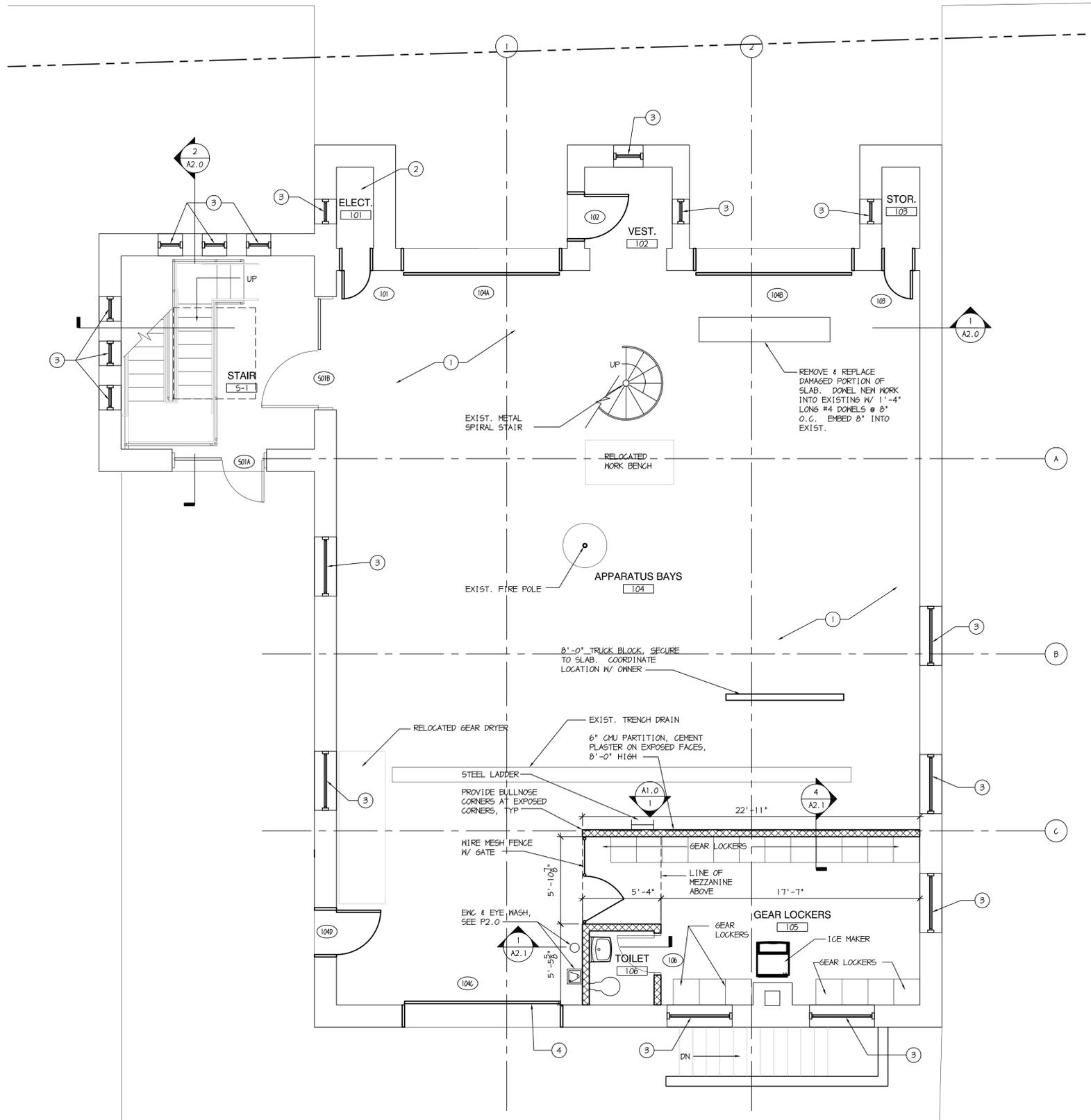


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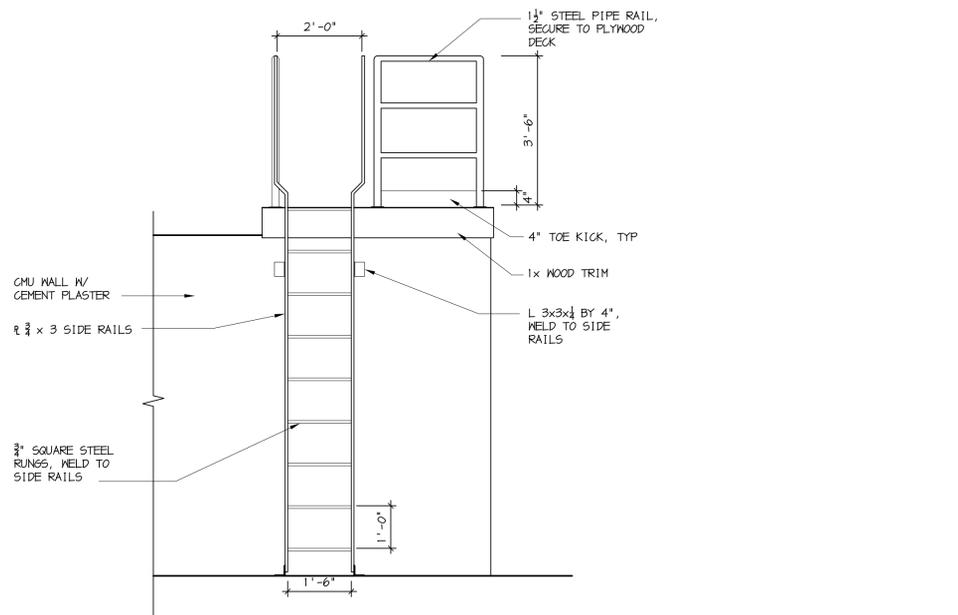
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DATE: 2015-03-20
REVISIONS:

BASEMENT & FIRST FLOOR PLANS

A1.0



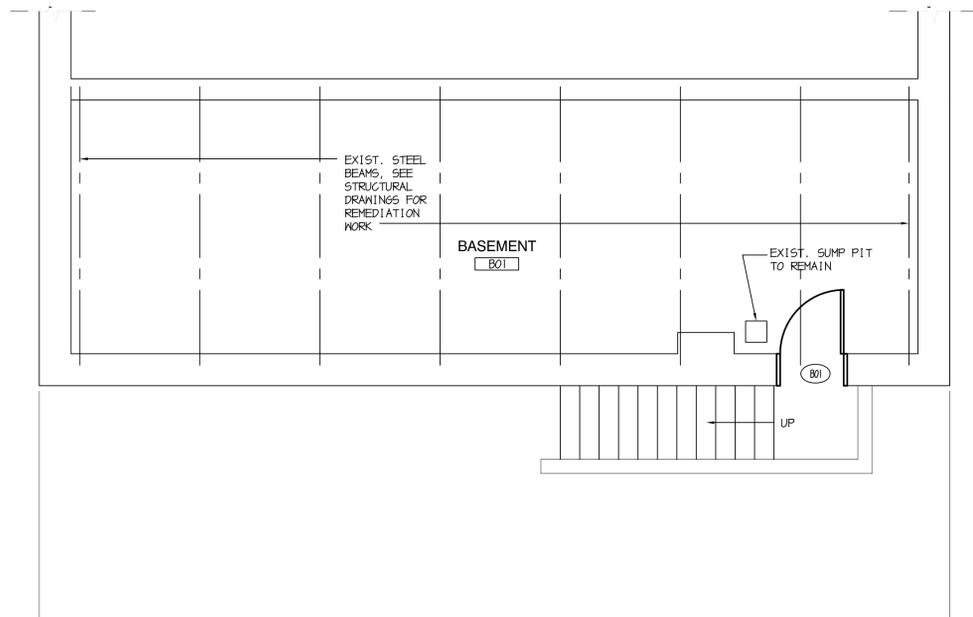
FIRST FLOOR PLAN
1/4"=1'-0"
PLAN NORTH



ELEVATION
1
A1.0
1/2"=1'-0"

PLAN NOTES

- SEE SPECIFICATION SECTION 030100 FOR CONCRETE REPAIR WORK, TYP ALL FLOORS THIS LEVEL. REPAIR 8 SQUARE FEET OF SLAB IN ADDITION TO DOCUMENTED REPAIRS.
- INSTALL CEMENTITIOUS FLOOR TOPPING 4NWP TOWARD DOOR TO PREVENT WATER FROM PONDING IN ROOM.
- FURNISH & INSTALL METAL FRAMED ENERGY PANEL W/ TINTED GLASS ON INTERIOR SIDE OF EXISTING WINDOW OPENING. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF WINDOW OPENINGS PRIOR TO FABRICATION.
- REPLACE LOWEST SECTION OF DOOR.



BASEMENT FLOOR PLAN
1/4"=1'-0"
PLAN NORTH



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AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170
LYNCHBURG, VIRGINIA

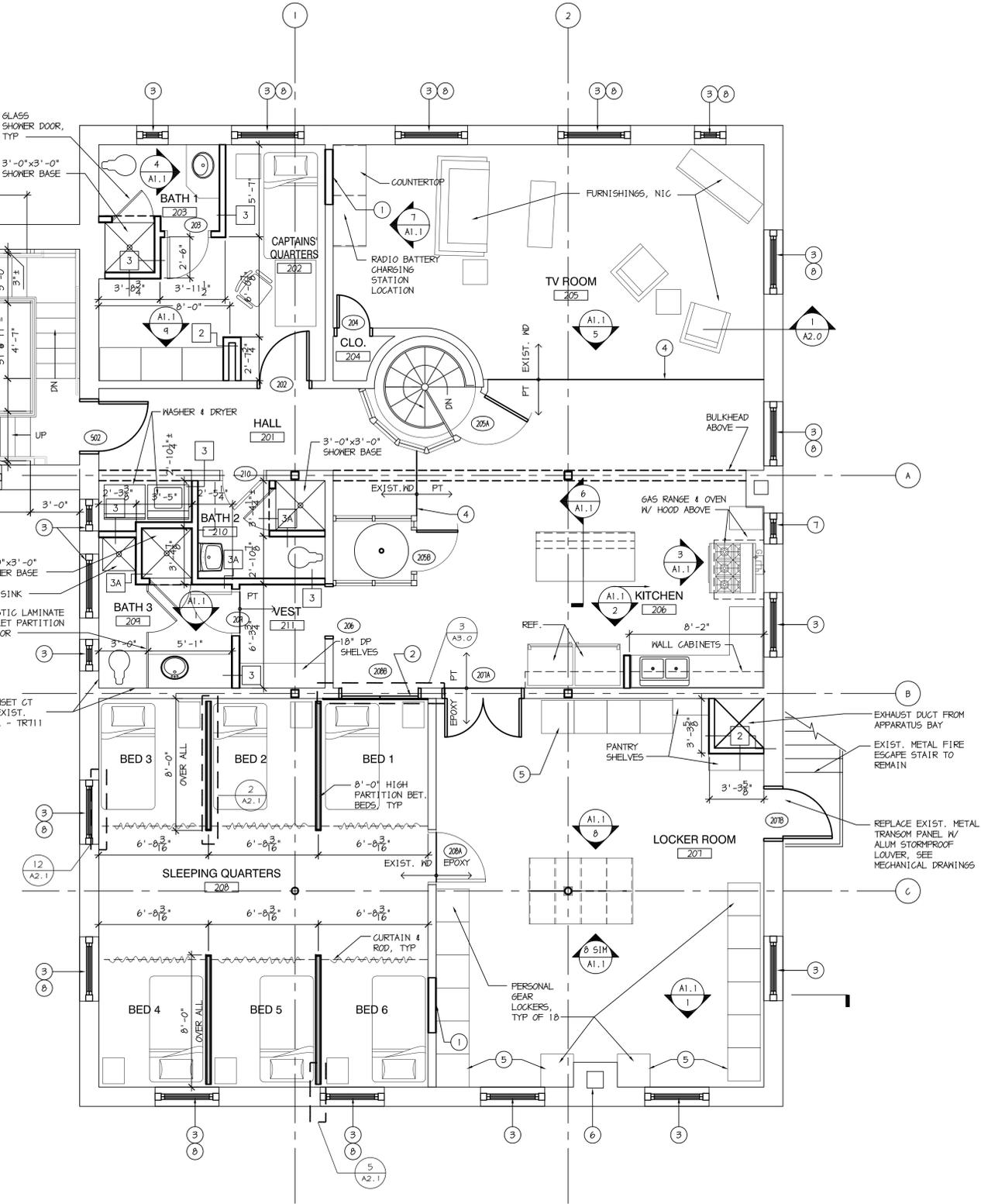


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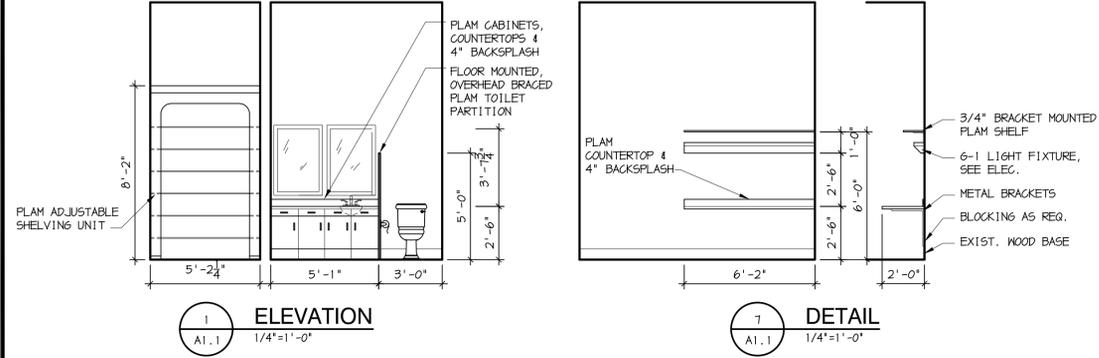
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DATE: 2015-03-20
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SECOND FLOOR PLAN

A1.1

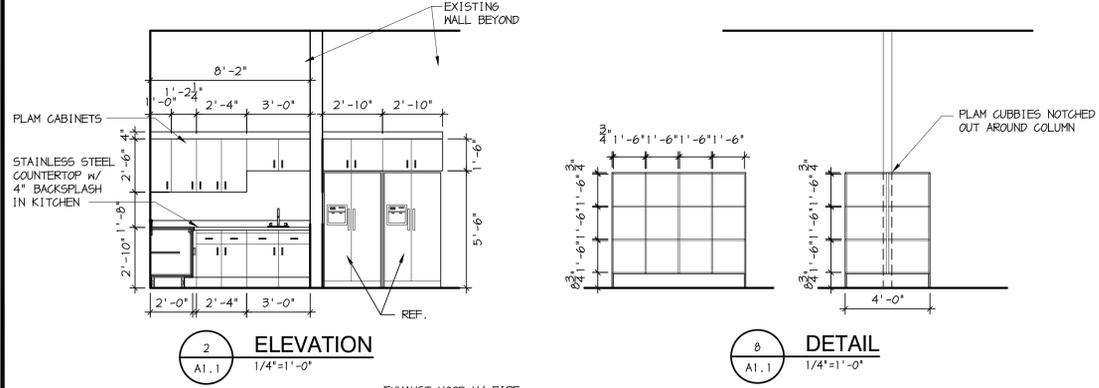


SECOND FLOOR PLAN
1/4"=1'-0"



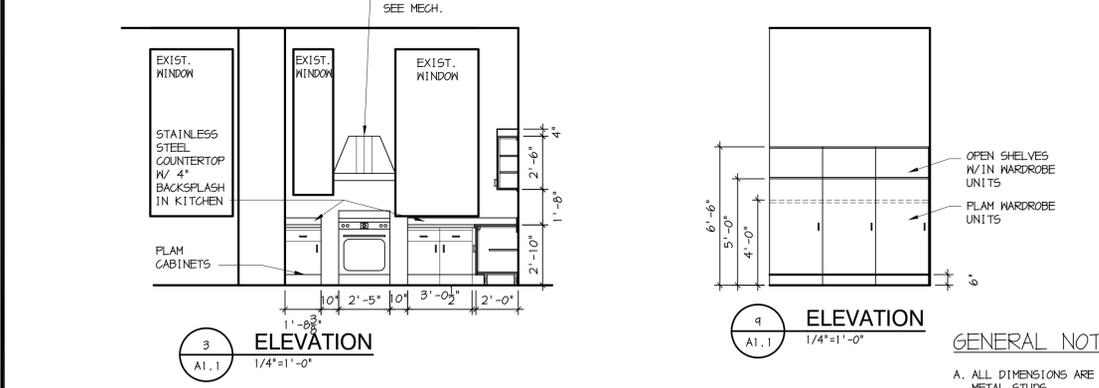
1 ELEVATION
A1.1 1/4"=1'-0"

7 DETAIL
A1.1 1/4"=1'-0"



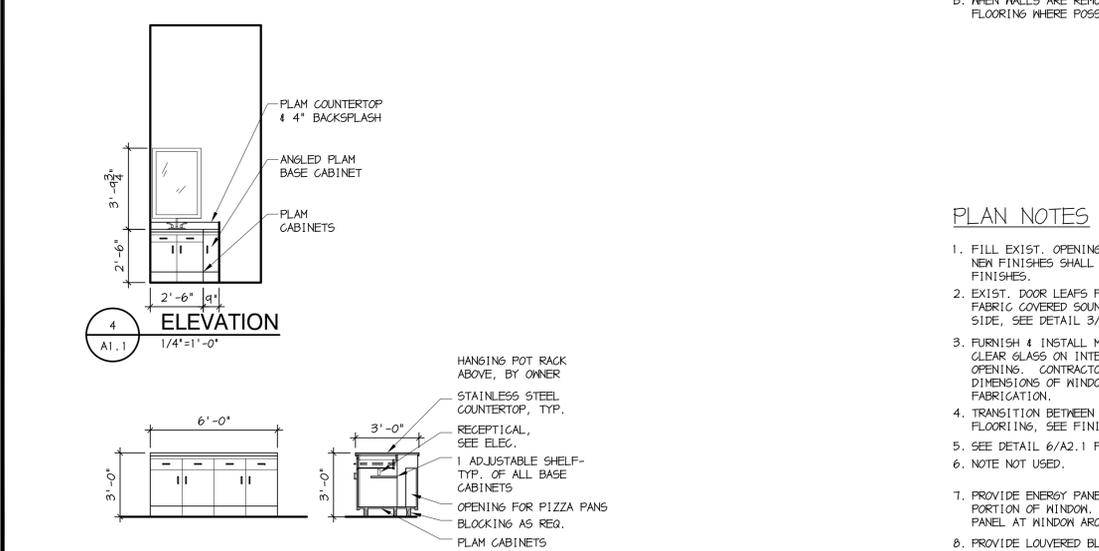
2 ELEVATION
A1.1 1/4"=1'-0"

8 DETAIL
A1.1 1/4"=1'-0"



3 ELEVATION
A1.1 1/4"=1'-0"

4 ELEVATION
A1.1 1/4"=1'-0"



5 ELEVATION
A1.1 1/4"=1'-0"

6 SECTION
A1.1 1/4"=1'-0"

GENERAL NOTES

- A. ALL DIMENSIONS ARE TO FACE EXISTING WALLS OR METAL STUDS.
- B. WHEN WALLS ARE REMOVED, INFILL W/ SALVAGED FLOORING WHERE POSSIBLE.

PLAN NOTES

- 1. FILL EXIST. OPENING W/ NEW WALL CONSTRUCTION. NEW FINISHES SHALL BE FLUSH W/ EXIST. ADJACENT FINISHES.
- 2. EXIST. DOOR LEAFS FIXED IN PLACE. PROVIDE FABRIC COVERED SOUND PANEL ON SLEEPING QUARTERS SIDE. SEE DETAIL 3/A3.0 AND DOOR SCHEDULE.
- 3. FURNISH & INSTALL METAL FRAMED ENERGY PANEL W/ CLEAR GLASS ON INTERIOR SIDE OF EXISTING WINDOW OPENING. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF WINDOW OPENINGS PRIOR TO FABRICATION.
- 4. TRANSITION BETWEEN EPOXY AND QUARRY TILE FLOORING, SEE FINISH SCHEDULE.
- 5. SEE DETAIL 6/A2.1 FOR LOCKER BASE.
- 6. NOTE NOT USED.
- 7. PROVIDE ENERGY PANEL PER NOTE 3 FOR TRANSPARENT PORTION OF WINDOW. PROVIDE INSULATED METAL PANEL AT WINDOW AROUND VENT DUCT.
- 8. PROVIDE LOUVERED BLINDS AT WINDOW. SEE SPECIFICATIONS.



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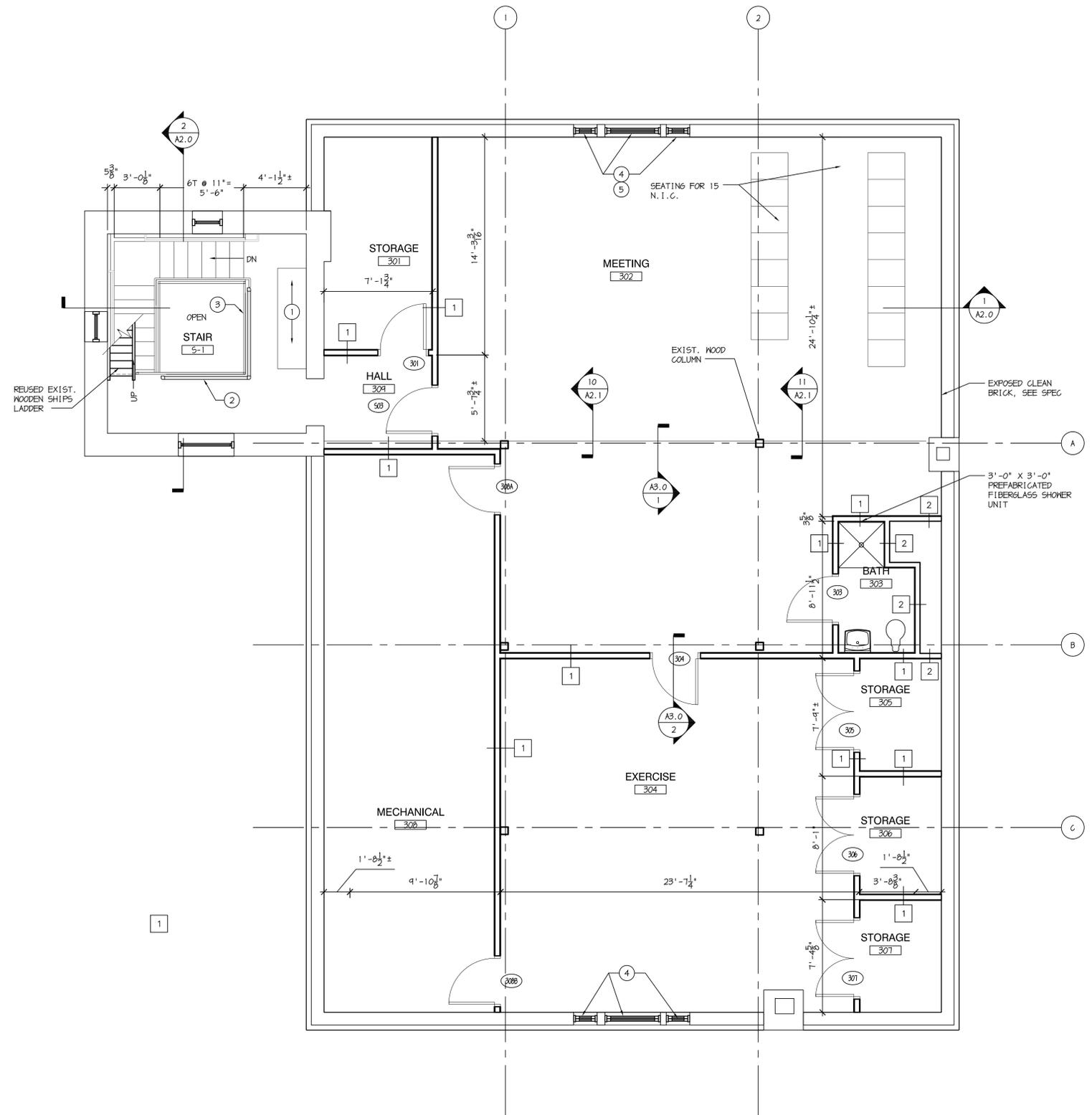


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REVISIONS:

THIRD FLOOR PLAN

A1.2

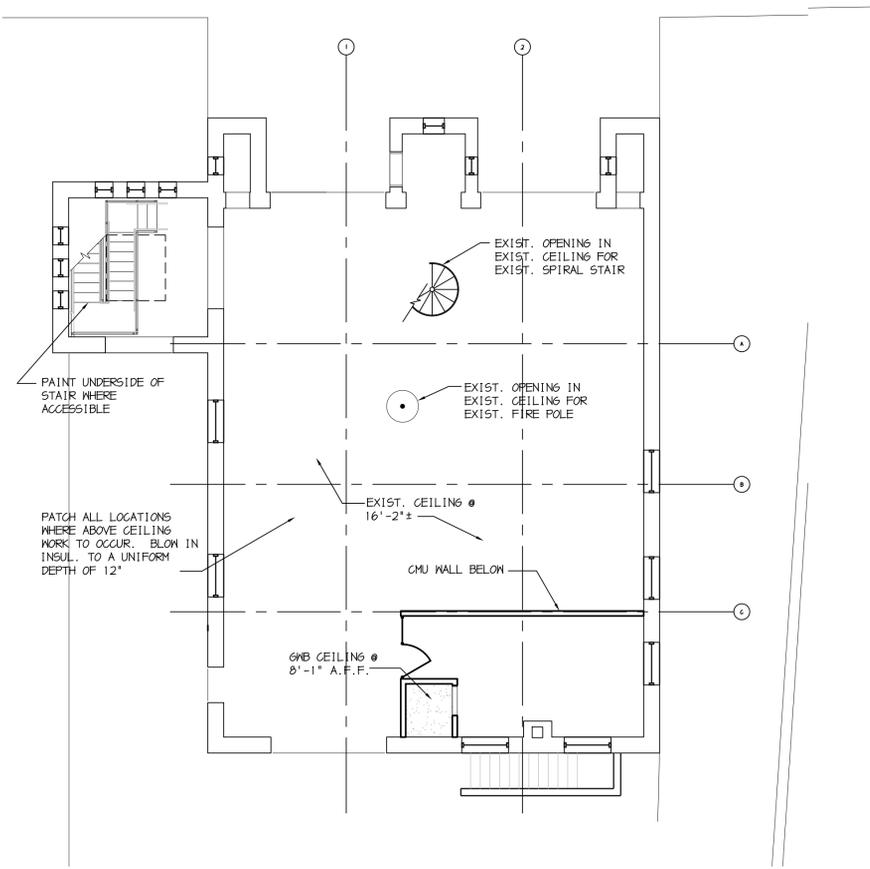


PLAN NOTES (X)

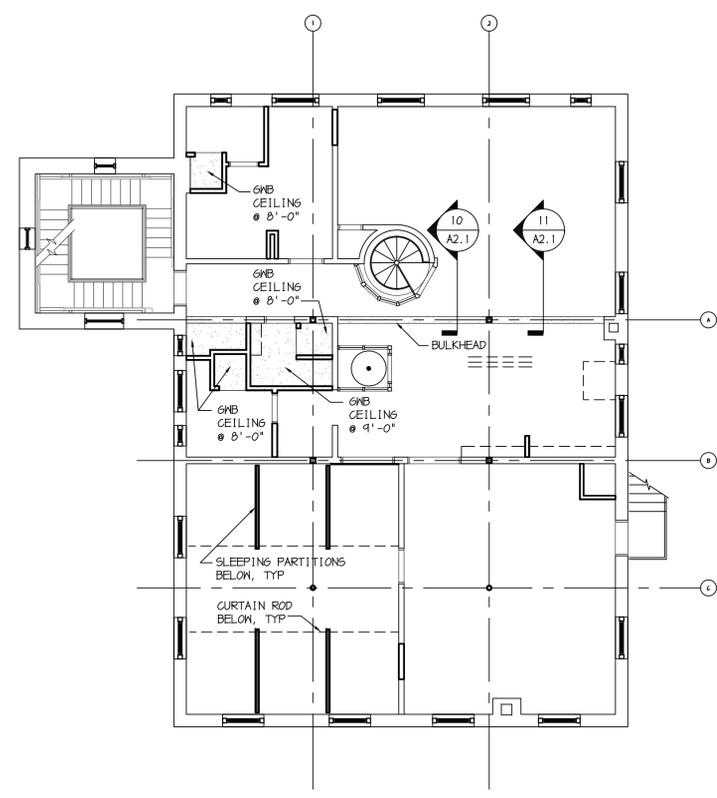
1. PATCH FORMER SHIP'S LADDER OPENING USING SALVAGED MATERIALS.
2. EXISTING METAL PIPE RAILINGS TO REMAIN.
3. STEEL GUARDRAIL, SECURE TO NEW STEEL CHANNEL FRAMING.
4. FURNISH & INSTALL METAL FRAMED ENERGY PANEL W/ CLEAR GLASS ON INTERIOR SIDE OF EXISTING WINDOW OPENING. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF WINDOW OPENINGS PRIOR TO FABRICATION.
5. PROVIDE LOUVERED BLINDS AT WINDOW. SEE SPECIFICATIONS.

THIRD FLOOR PLAN
1/4"=1'-0"

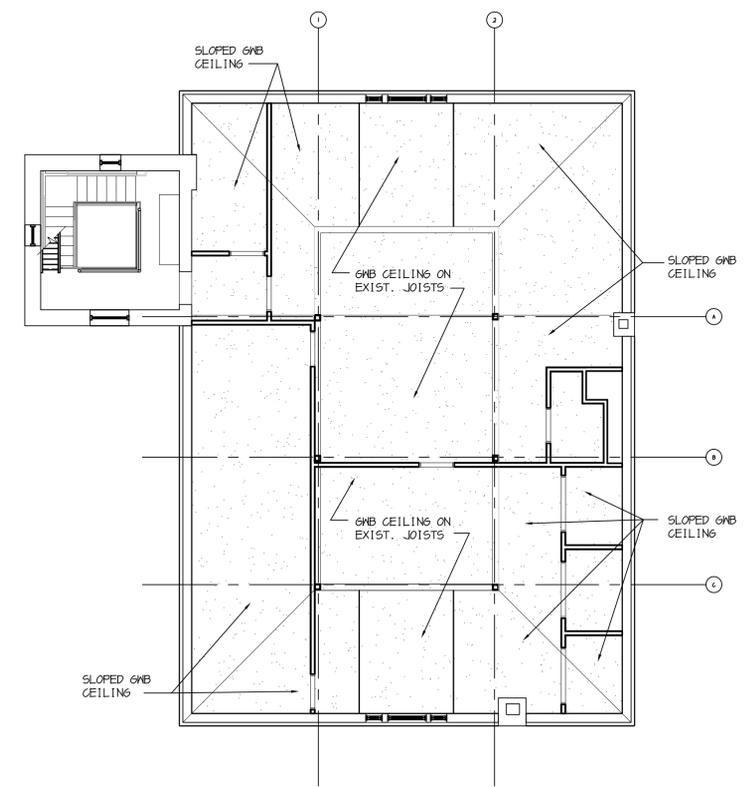




FIRST FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"



SECOND FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"

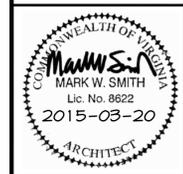


THIRD FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"



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**REFLECTED
CEILING
PLANS**



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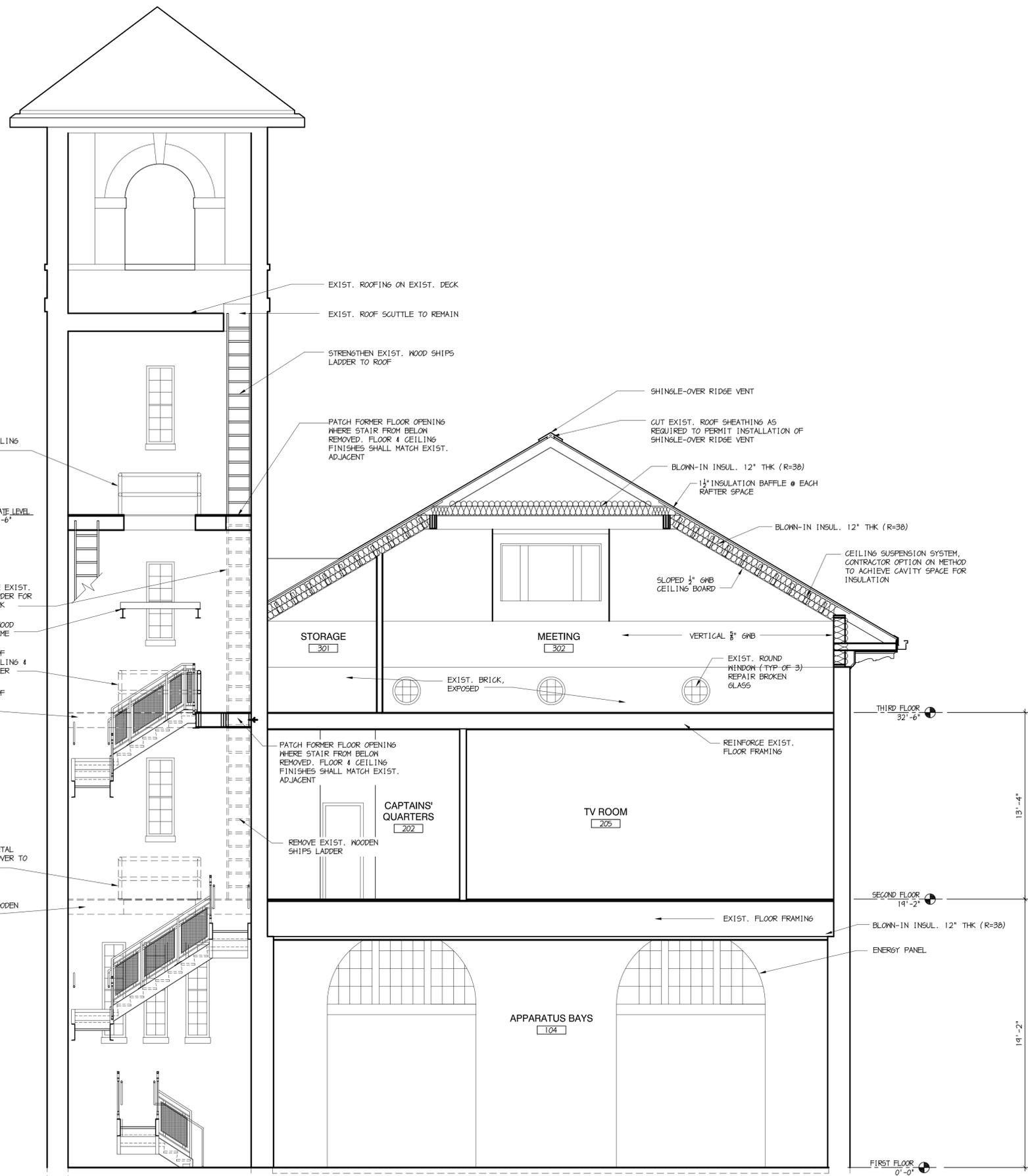


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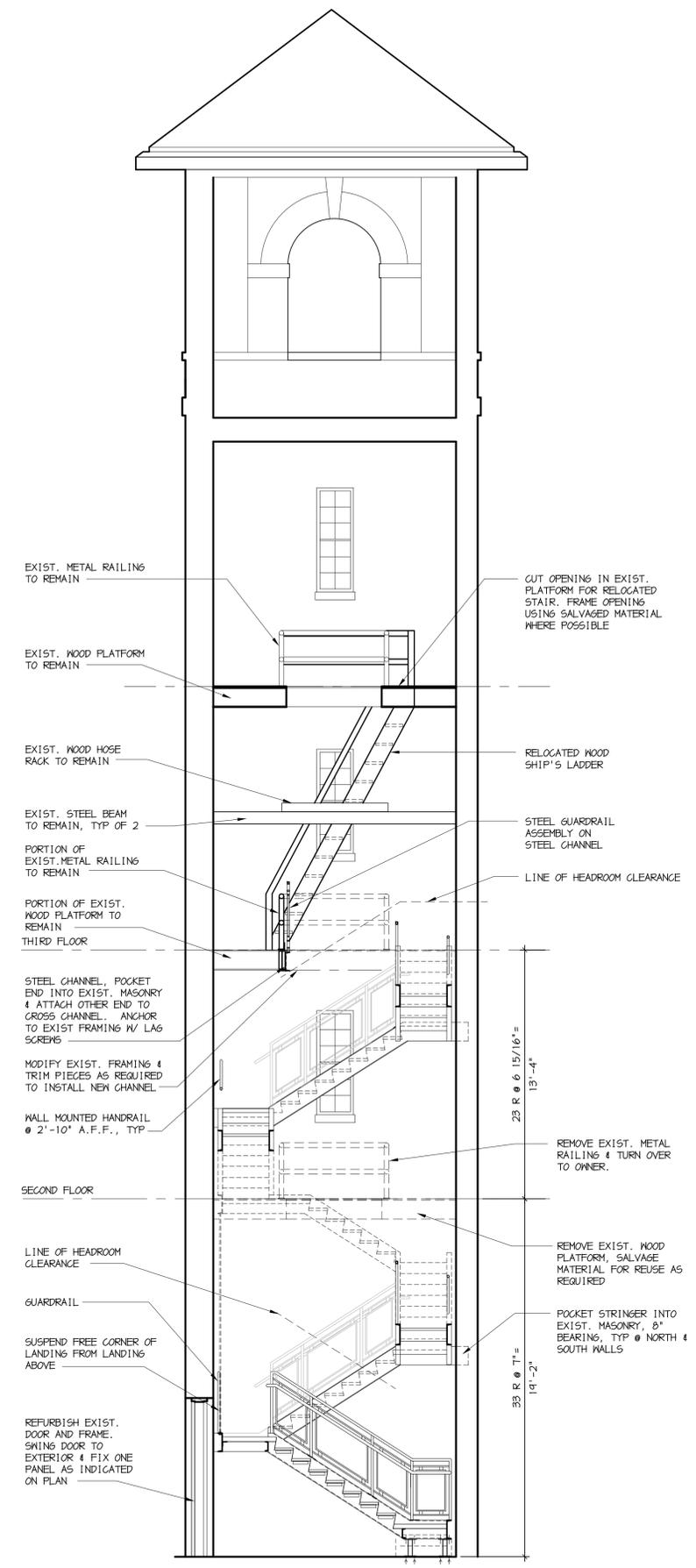
DESIGNED: MWS,BLS
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CHECKED: MWS,BLS
DATE: 2014-03-20
REVISIONS:

SECTIONS & DETAILS

A2.0



BUILDING SECTION
1/4"=1'-0"



STAIR SECTION
1/4"=1'-0"

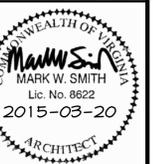


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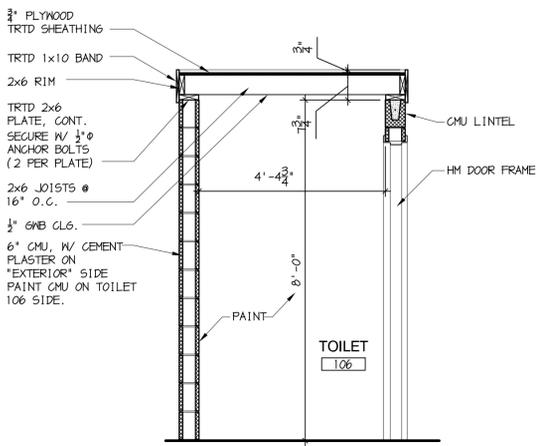


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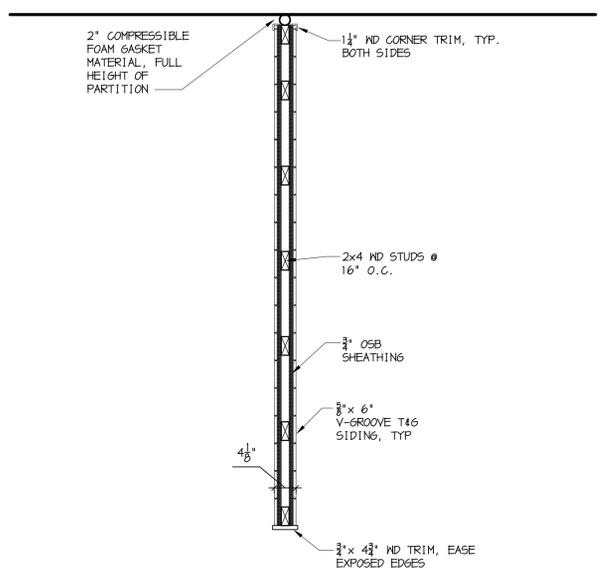
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DATE: 2014-03-20
REVISIONS:

SECTIONS & DETAILS

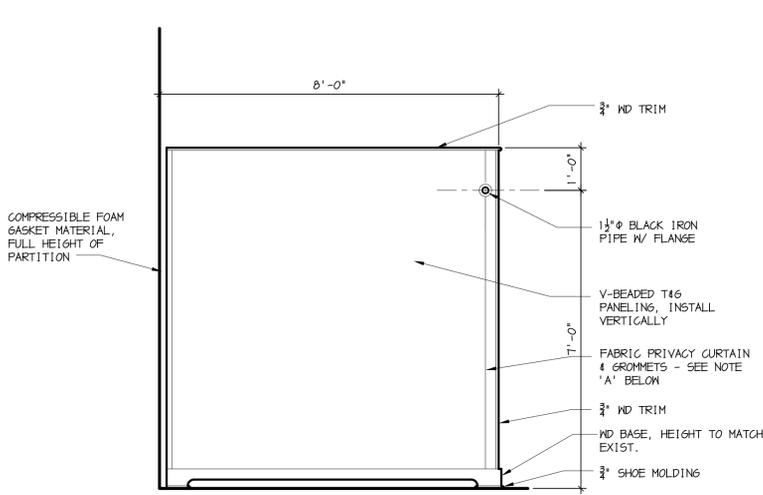
A2.1



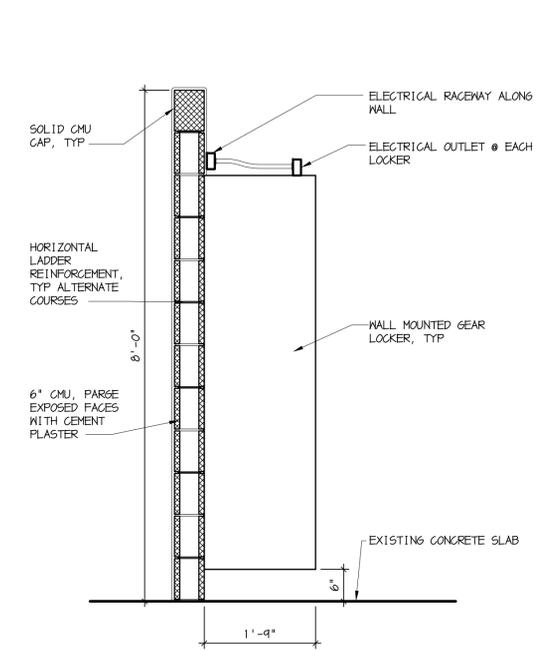
1 SECTION
A2.1 1/2"=1'-0"



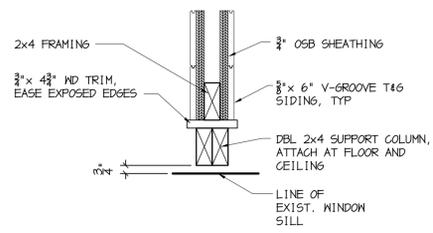
2 PLAN SECTION
A2.1 3/4"=1'-0"



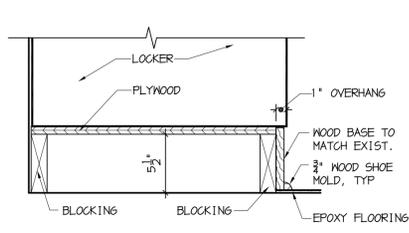
3 ELEVATION
A2.1 1/2"=1'-0"



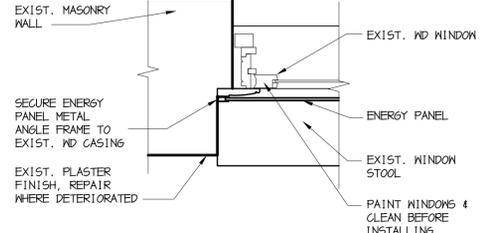
4 SECTION
A2.1 3/4"=1'-0"



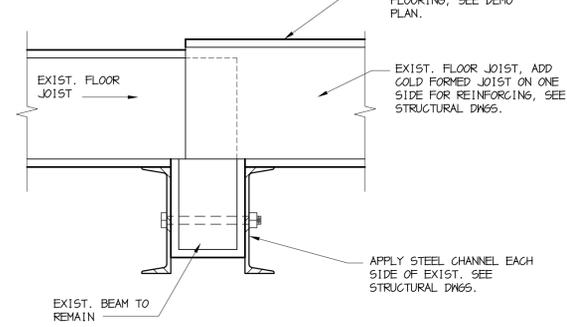
5 DETAIL
A2.1 1 1/2"=1'-0"



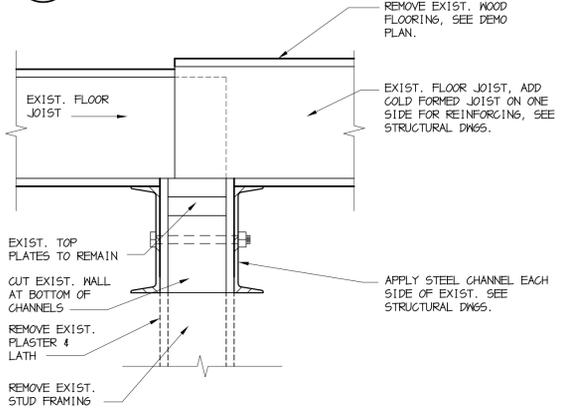
6 DETAIL
A2.1 1 1/2"=1'-0"



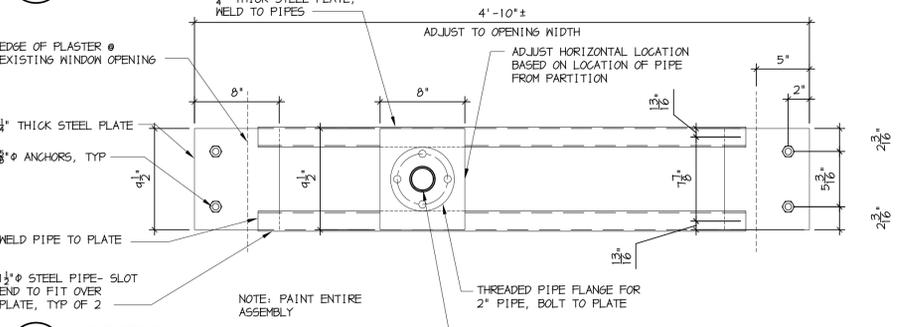
7 DETAIL
A2.1 1 1/2"=1'-0"



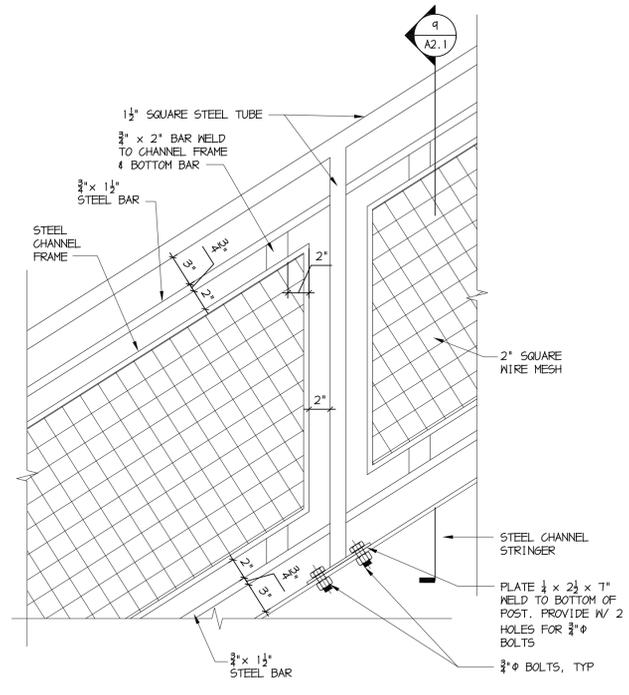
10 SECTION
A2.1 1 1/2"=1'-0"



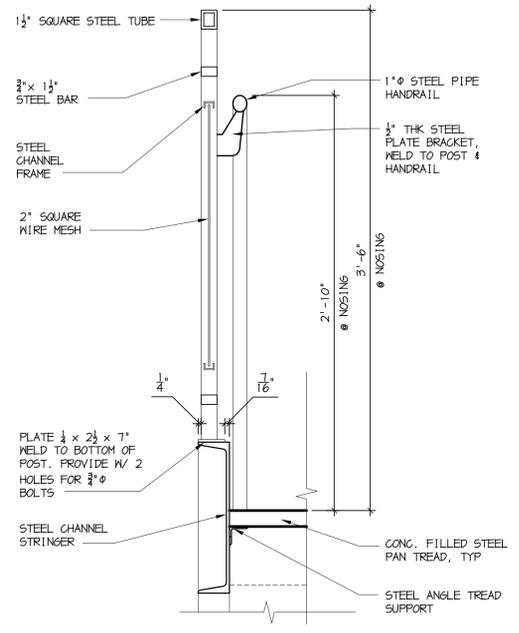
11 SECTION
A2.1 1 1/2"=1'-0"



12 SECTION
A2.1 1 1/2"=1'-0"



8 DETAIL
A2.1 1 1/2"=1'-0"



9 SECTION
A2.1 1 1/2"=1'-0"



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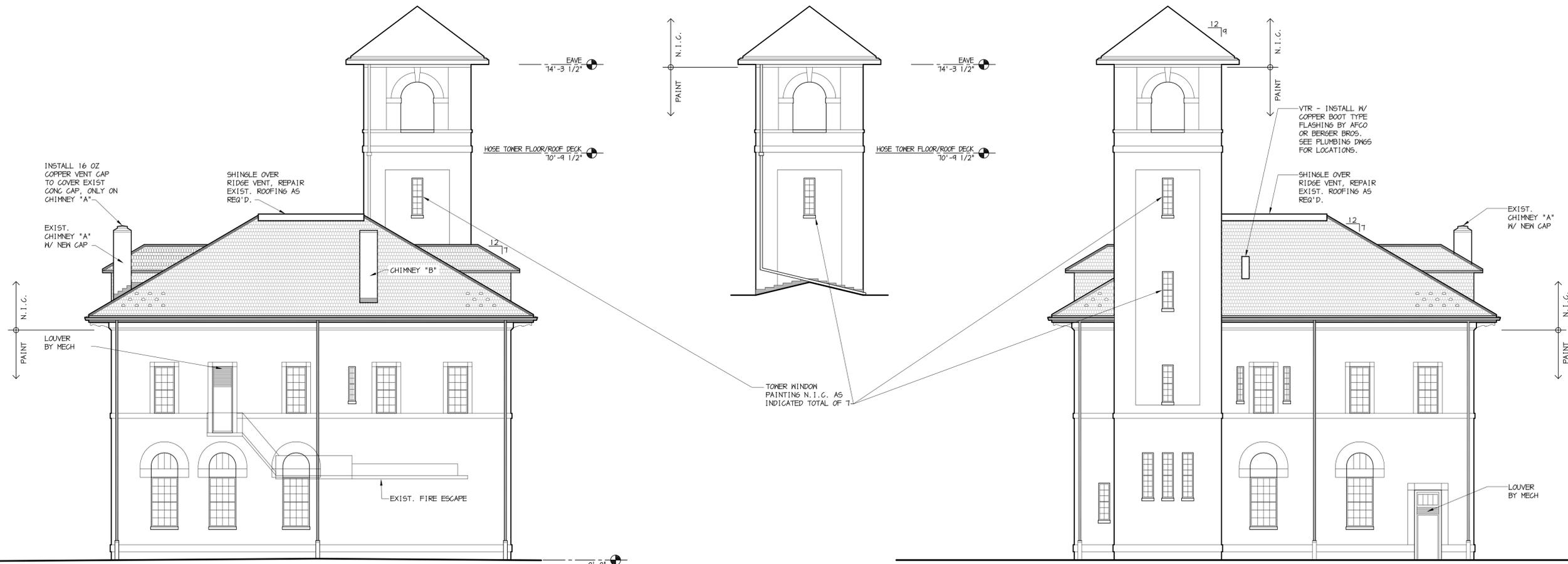


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DESIGNED: MWS
DRAWN: MKG
CHECKED: MWS
DATE: 2015-03-20
REVISIONS:

ELEVATIONS

A2.2



EAST ELEVATION
1/8"=1'-0"

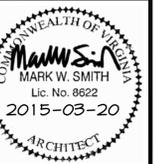
WEST ELEVATION
1/8"=1'-0"



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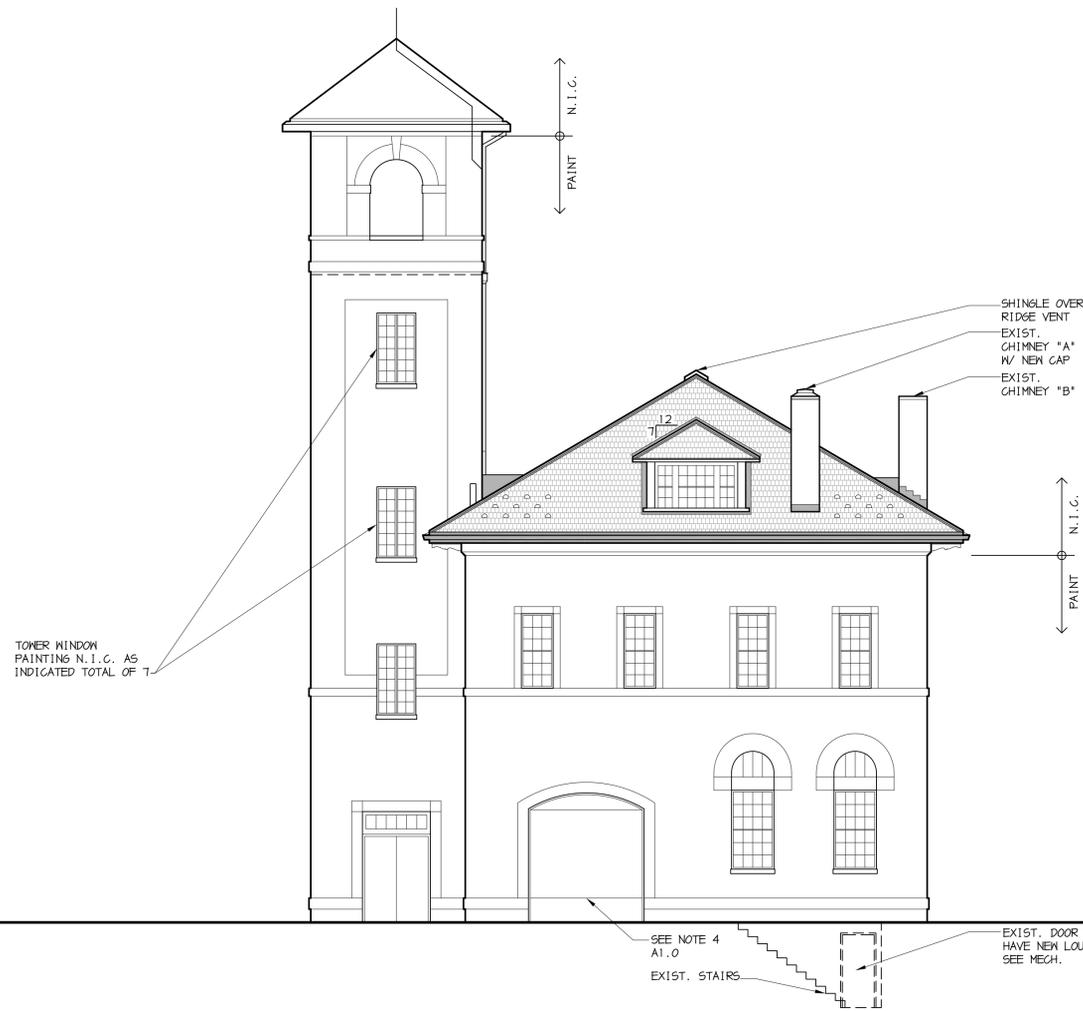


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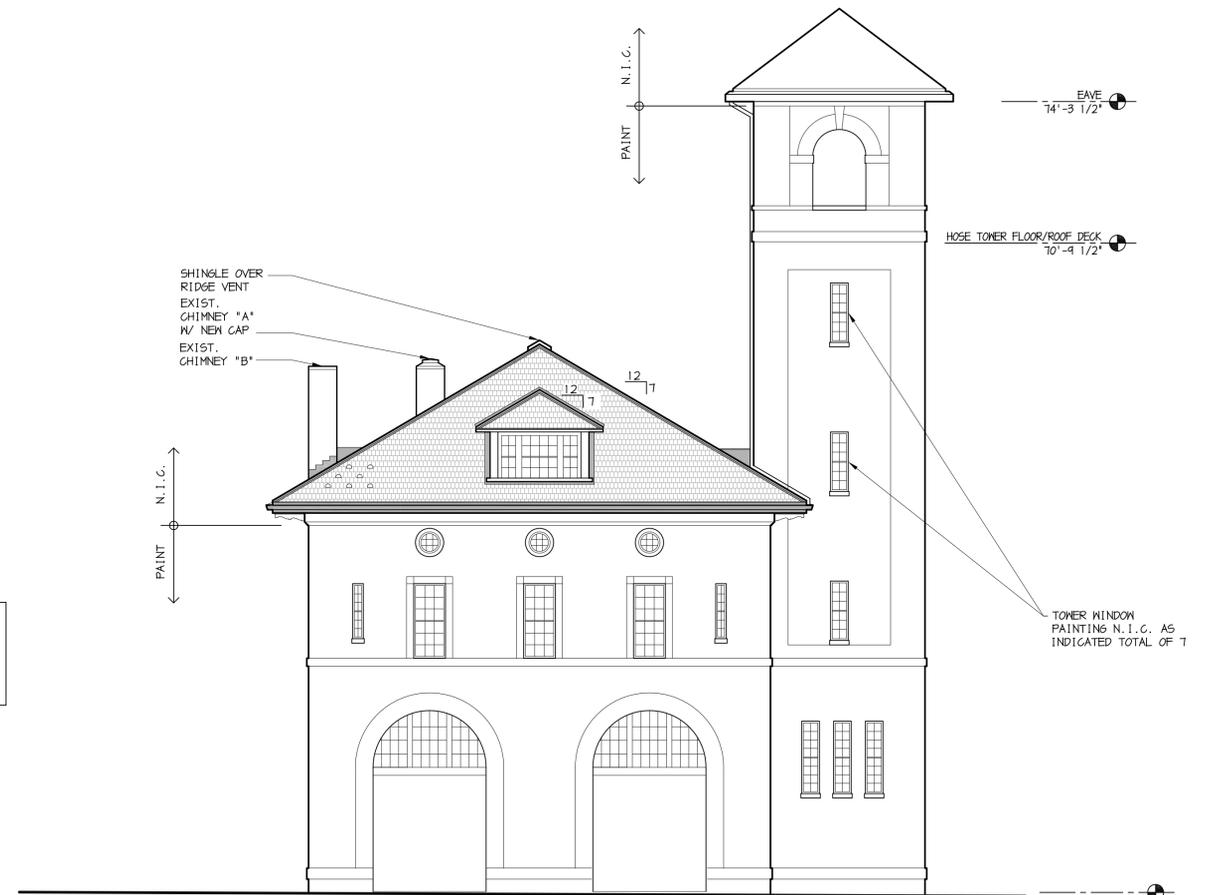
ELEVATIONS

A2.3



SOUTH ELEVATION
1/8"=1'-0"

NOTE:
PAINT EXISTING PAINTED
ITEMS BELOW CORNICE.
SEE ADD ALTERNATE #1.



NORTH ELEVATION
1/8"=1'-0"

FINISH SCHEDULE

Tag	Space	Floor	Base	North Wall	South Wall	East Wall	West Wall	Ceiling	Ceiling Height	Remarks
STAIR										
S-1	STAIR	SEE NOTE 2.	-	EXIST. BRICK	EXIST. BRICK	EXIST. BRICK	EXIST. BRICK	EXIST. ND	VARIES	PAINT EXPOSED STEEL STAIR PARTS, SEE NOTE 1.
BASEMENT										
B01	BASEMENT	CONC. - SEALER	-	EXIST. CONC.	EXIST. CONC.	EXIST. CONC.	EXIST. CONC.	EXIST. MET DECK	EXIST.	-
FIRST FLOOR										
101	ELECTRICAL	EXIST. CONC.	-	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLASTER	16'-2"+/-	SEE FINISH NOTE 5
102	VESTIBULE	EXIST. CONC.	-	EXIST. PLAS	-	EXIST. PLAS	EXIST. PLAS	EXIST. PLASTER	16'-2"+/-	SEE FINISH NOTE 5
103	STORAGE	EXIST. CONC.	-	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLASTER	16'-2"+/-	SEE FINISH NOTE 5
104	APPARATUS BAYS	EXIST. CONC.	-	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. GNB	16'-2"+/-	SEE FINISH NOTE 5
105	GEAR LOCKERS	EXIST. CONC.	-	PLAS	EXIST. PLAS	PLAS	PLAS	EXIST. GNB	16'-2"+/-	WIRE MESH FENCE/PLASTER, SEE FINISH NOTE 5
106	TOILET	EXIST. CONC.	-	PLAS	EXIST. PLAS	PLAS	PLAS	GNB	8'-1"	SEE FINISH NOTE 5
SECOND FLOOR										
201	HALL	EXIST. ND	EXIST. ND BASE	EXIST. PLAS	EXIST. PLAS, GNB	-	EXIST. PLAS	GYPSUM	12'-1"+/-	ND BASE PROFILE WILL MATCH EXISTING, SEE NOTE 3.
202	CAPTAINS' QUARTERS	EPOXY	EXIST. ND BASE	SEE REMARKS	SEE REMARKS	EXIST. PLAS	EXIST. PLAS	GYPSUM	12'-1"+/-	NEW GNB 4 EXISTING - PAINTED; ND BASE PROFILE WILL MATCH EXISTING
203	BATH 1	CT	CT	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	GYPSUM	12'-1"+/-	SHOWER WALLS ARE CT; RECEPTOR IS TERRAZZO
204	CLOSET	VCT	EXIST. PLAS	EXIST. PLAS	GNB	GNB	EXIST. PLAS	GYPSUM	12'-1"+/-	SEE NOTE 3.
205	TV ROOM	EXIST. ND	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	GYPSUM	12'-1"+/-	ND BASE PROFILE WILL MATCH EXISTING, SEE NOTE 3.
206	KITCHEN	PT	-	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	GYPSUM	12'-1"+/-	SEE DRAWING A1.1
207	LOCKER ROOM	EPOXY	EXIST. ND BASE	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	EXIST. PLAS	GYPSUM	12'-1"+/-	ND BASE PROFILE WILL MATCH EXISTING
208	SLEEPING QUARTERS	EXIST. ND	EXIST. ND BASE	EXIST. PLAS	EXIST. PLAS	GNB	EXIST. PLAS	GYPSUM	12'-1"+/-	ND BASE PROFILE WILL MATCH EXISTING
209	BATH 3	CT	CT	GNB	EXIST. PLAS	GNB	EXIST. PLAS	GYPSUM	12'-1"+/-	SHOWER WALLS ARE CT; RECEPTOR IS TERRAZZO
210	BATH 2	CT	CT	EXIST. PLAS, GNB	GNB	EXIST. PLAS	GNB	GYPSUM	9'-0"	SHOWER WALLS ARE CT; RECEPTOR IS TERRAZZO
THIRD FLOOR										
301	STORAGE	VCT	RUBBER	SEE REMARKS	GNB	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	EXIST. BRICK 4 NEW PAINTED GNB
302	MEETING	CARPET	RUBBER	SEE REMARKS	GNB	SEE REMARKS	GNB	GYPSUM	SEE 1/A2.0 VARIES	EXIST. BRICK 4 NEW PAINTED GNB
303	BATH	VCT	RUBBER	GNB	GNB	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	SHOWER IS PREFABRICATED UNIT
304	EXERCISE	RAF	RUBBER	GNB	SEE REMARKS	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	EXIST. BRICK 4 NEW PAINTED GNB
305	STORAGE	VCT	RUBBER	GNB	GNB	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	-
306	STORAGE	VCT	RUBBER	GNB	GNB	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	-
307	STORAGE	VCT	RUBBER	GNB	GNB	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	-
308	MECHANICAL	VCT	RUBBER	GNB	SEE REMARKS	GNB	GNB	GYPSUM	SEE 1/A2.0 VARIES	EXIST. BRICK 4 NEW PAINTED GNB
309	HALL	EXIST. ND	ND BASE	GNB	GNB	GNB	SEE REMARKS	GYPSUM	SEE 1/A2.0 VARIES	EXIST. BRICK 4 NEW PAINTED GNB

- GENERAL NOTES:**
- ALL EXISTING WALLS 4 NEW GNB WALLS SHALL BE PAINTED.
 - EXISTING PLASTER 4 NEW GNB CEILINGS TO BE PAINTED.
 - DAMAGED EXISTING WOOD BASE SHALL BE REPAIRED OR REPLACED WITH SALVAGED MATERIAL.

- FINISH SCHEDULE NOTES:**
- EXIST. BEADED BOARD CEILING TO BE RESTORED 4 PAINTED.
 - LANDINGS SHALL BE RUBBER TILE. TREADS SHALL BE RUBBER TILE WITH RUBBER TREAD NOSINGS. RISERS SHALL BE PAINTED. SEE DETAIL 4/A3.0.
 - INSTALL SALVAGED BASE 4 NEW WOOD BASE TO MATCH EXIST. PROVIDE AT NEW WALLS AND OPENING INFILL LOCATIONS.
 - WHEN EPOXY IS REFERRED, SEE SPEC FOR FLUID APPLIED FLOORING (EPOXY).
 - SEE SPECIFICATION SECTION 033511 FOR CONCRETE FINISHES.
 - ALL EXPOSED WOOD FLOORING TO BE REFINISHED.

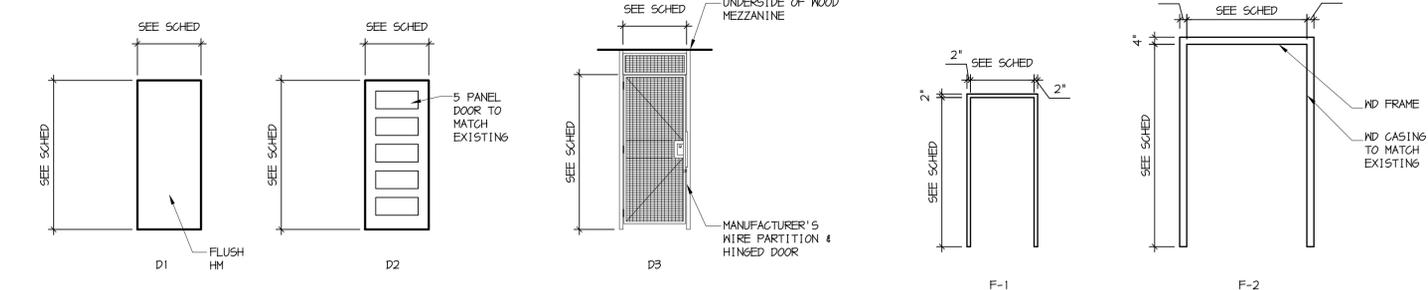
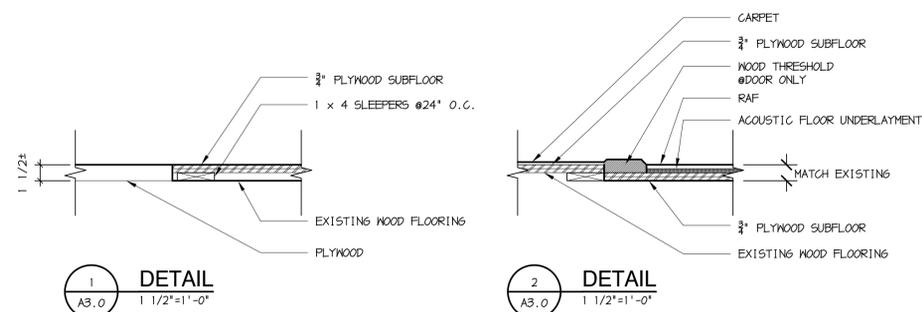
OPENING SCHEDULE

Tag	Opening					Frame		Fire Rating	Details			Hardware Set No.	Remarks
	Width	Height	Thick	Mat'l	Finish	Elev	Mat'l		Elev	H	J		
Basement & Stair													
B01		EXIST. DOOR		HM	PNT	---	ND	EXIST.	-	-	-	-	-
S01A		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	DOOR NOTE 1
S01B		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	DOOR NOTE 3
S02	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	HM	F-2	-	-	-	-	-
S03	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	HM	F-2	-	-	-	-	-
Main Floor													
101		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
102		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
103		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
104A		EXIST. DOOR		STL	---	---	STL	EXIST.	-	-	-	-	-
104B		EXIST. DOOR		STL	---	---	STL	EXIST.	-	-	-	-	-
104C		EXIST. DOOR		STL	---	---	STL	EXIST.	-	-	-	-	-
104D		EXIST. DOOR		HM	PNT	---	HM	EXIST.	-	-	-	-	-
105	3'-0"	7'-0"	---	STL	PREFIN	D3	STL	---	-	-	-	-	WIRE MESH GATE, FURNISH W/ CYPER LOCK
106	2'-6"	7'-0"	1-3/4"	HM	PNT	D1	HM	F-1	-	-	-	-	-
Second Floor													
201	NUMBER NOT USED												
202		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
203	2'-6"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
204		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
205A		EXIST. DOOR		ALUM	---	---	ALUM	EXIST.	-	-	-	-	-
205B		EXIST. DOOR		ALUM	---	---	ALUM	EXIST.	-	-	-	-	-
206	EXIST. FRAME (INCL. TRANSOM) TO REMAIN												
207A		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	-
208A		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	REMOVE EXIST. DR LEAF 4 PATCH FRAME
208B		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	REUSE EXIST. DR 4 FRAME (INCL. TRANSOM) - MARK A
209		EXIST. DOOR		ND	PNT	---	ND	EXIST.	-	-	-	-	REUSE EXIST. DR 4 FRAME (INCL. TRANSOM) - MARK C
210	2'-6"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
Third Floor													
301	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
302	NUMBER NOT USED												
303	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
304	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
305	PR 2'-6"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
306	PR 2'-6"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
307	PR 2'-6"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
308A	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-
308B	3'-0"	7'-0"	1-3/4"	ND	PNT	D2	ND	F-2	-	-	-	-	-

- DOOR SCHEDULE NOTES:**
- REMOVE EXISTING DOOR LEAFS AND ADJUST AS REQUIRED TO MAKE TRUE 4 SQUARE. PREPARE EACH LEAF TO RECEIVE NEW HARDWARE (ONE LEAF TO BE FIXED IN PLACE). PREPARE EXISTING FRAME AS REQUIRED FOR OUT SWINGING DOORS. PATCH LOCATIONS WHERE OLD HARDWARE IS REMOVED. REINSTALL REPAIRED DOOR LEAFS.
 - FIX DOOR LEAFS IN PLACE. REMOVE EXIST. LATCHSET 4 PROVIDE COVER PLATES. ADD SOUND PANEL TO SLEEPING QUARTERS SIDE. SEE DETAIL 3 THIS SHEET.
 - EXISTING DOOR 4 FRAME TO REMAIN. REMOVE EXISTING LATCHING HARDWARE 4 PREPARE LEAFS TO RECEIVE NEW HARDWARE. ONE LEAF TO BE FIXED IN PLACE.

DOOR TYPES

1/4"=1'-0"

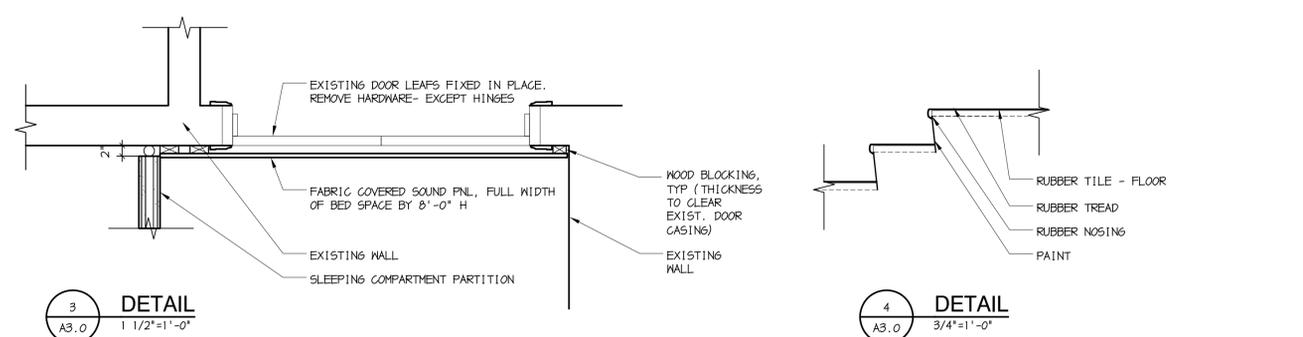
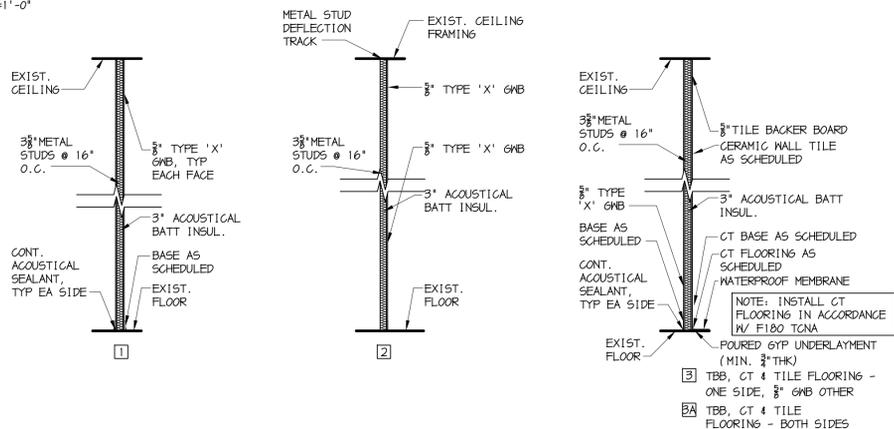


FRAME TYPES

1/4"=1'-0"

PARTITION TYPES

1/4"=1'-0"



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INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6
 LYNCHBURG, VIRGINIA
 AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED: MWS,BLS
 DRAWN: BLS,MKG
 CHECKED: MWS,BLS
 DATE: 2014-03-20
 REVISIONS:

DOOR & FINISH SCHEDULES, DOOR DETAILS

A3.0

STRUCTURAL NOTES

1. GENERAL REQUIREMENTS
 - 1.1. THE WORK SHOWN HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. APPLICATION OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE CONTRACTOR AND INCLUDED IN THE DESIGN OF SHORING, BRACING, FORMWORK, AND OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE.
 - 1.2. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. SHOP DRAWINGS SHALL REFLECT FIELD VERIFIED DIMENSIONS BEFORE SUBMITTING TO THE ENGINEER.
2. APPLICABLE CODES AND STANDARDS
 - 2.1. "VIRGINIA UNIFORM STATEWIDE BUILDING CODE" (IBC 2009).
 - 2.2. AISC, "MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN".
 - 2.3. STRUCTURAL WELDING CODE, AWS D1.1.
3. DESIGN LOADS
 - 3.1. LIVE LOAD

ROOF	20 PSF
THIRD FLOOR	100 PSF
APPARATUS BAY	32,000 LB MAXIMUM AXLE LOAD
 - 3.2. WIND LOAD

BASIC WIND SPEED	90 MPH
IMPORTANCE FACTOR	1.0
EXPOSURE CATEGORY	C
 - 3.3. SNOW LOAD

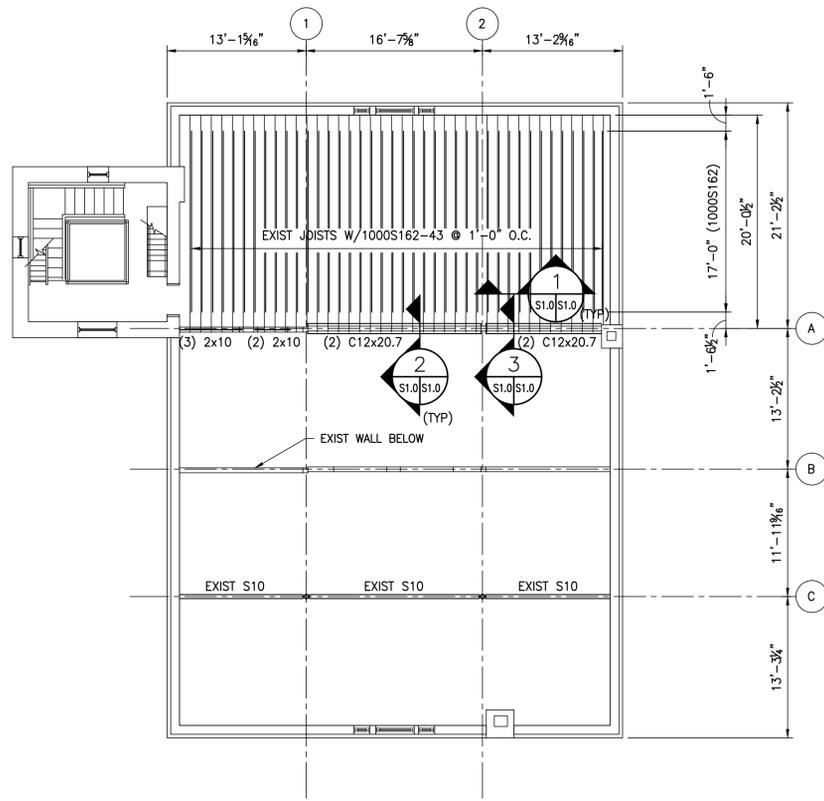
GROUND SNOW LOAD	25 PSF
IMPORTANCE FACTOR	1.0
4. MATERIALS
 - 4.1. STRUCTURAL AND MISCELLANEOUS STEEL

STEEL PLATE, ANGLE & CHANNEL	ASTM A36
W SHAPE	ASTM A992
STRUCTURAL BOLTS	ASTM A325
PIPE	ASTM A53
TUBE STEEL	ASTM A500, GRADE B
ANCHOR BOLTS	ASTM F1554
WELDING ELECTRODES	E70XX
 - 4.2. COLD FORMED STEEL

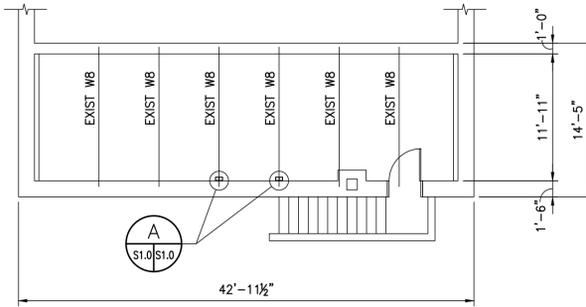
METAL TRACK, STUD SHAPES, ANGLES, PLATES & BRACE STRAPS	18 GAGE AND THINNER	ASTM A653, GRADE 33
	16 GAGE AND THICKER	ASTM A653, GRADE 50
 - 4.3. METAL STAIRS
 FABRICATE STAIR ASSEMBLY TO SUPPORT A UNIFORM LIVE LOAD OF 100 PSF AND A CONCENTRATED LOAD OF 300 LB. DEFLECTION OF STRINGER AND LANDING FRAMING SHALL NOT EXCEED $\frac{1}{360}$ OF SPAN.

 HANDRAIL ASSEMBLIES, GUARDS AND ATTACHMENTS SHALL BE DESIGNED TO RESIST A LOAD OF 50 PLF APPLIED AT THE TOP IN ANY DIRECTION, OR A 200 LB CONCENTRATED LOAD APPLIED IN ANY DIRECTION AND AT ANY POINT ALONG THE TOP. ATTACHMENT DEVICES SHALL TRANSFER THIS LOADING TO APPROPRIATE STRUCTURAL ELEMENTS OF THE BUILDING.

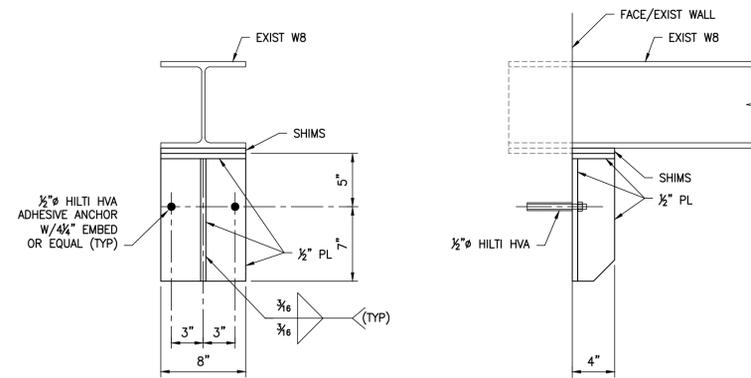
 INTERMEDIATE RAILS (ALL OTHERS EXCEPT THE HANDRAIL & GUARDRAIL) SHALL BE DESIGNED TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 LB OVER AN AREA EQUAL TO 1 SQUARE FOOT.



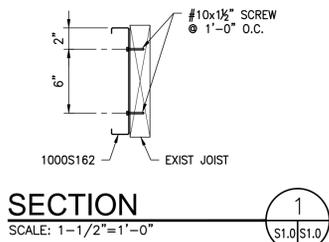
THIRD FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"



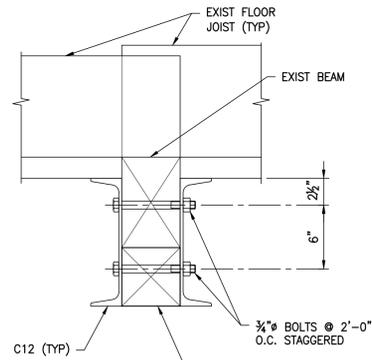
APPARATUS BAY FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"



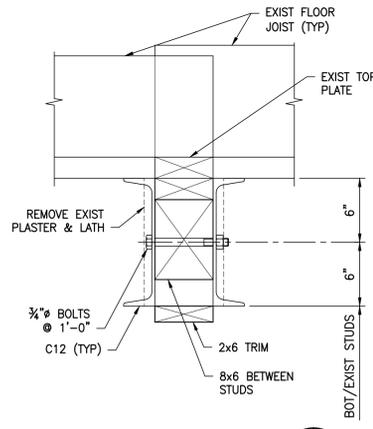
DETAIL
SCALE: 1-1/2"=1'-0"



SECTION 1
SCALE: 1-1/2"=1'-0"



SECTION 2
SCALE: 1-1/2"=1'-0"



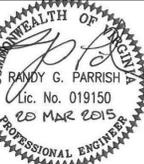
SECTION 3
SCALE: 1-1/2"=1'-0"



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 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



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DESIGNED: RGP
DRAWN: RGP
CHECKED: RGP
DATE: 2015-03-20
REVISIONS:

Structural Framing Plans, Sections, & Details

OF

S1.0

904 Lakeside Drive, Lynchburg, VA 24501
434-846-1350 Fax: 434-846-1351

SYMBOLS

	DUCT HEATING COIL
	EXHAUST FAN
	ENERGY RECOVERY VENTILATOR
	FAN COIL UNIT
	HEAT PUMP
	UNIT HEATER
	SCHEDULED AIR DISTRIBUTION DEVICE DESIGNATION UPPER: DIFFUSER, GRILLE OR REGISTER DESIGNATION (SEE ABBREVIATIONS) LOWER: AIR QUANTITY (CFM)
	THERMOSTAT

SHEET METAL

	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN DUCT UP
	RETURN DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	FLEXIBLE CONNECTION
	LINED DUCT (2 LINE)
	LINED DUCT (1 LINE)
	ROUND DUCT
	DUCT WITH TURNING VANES
	SPIN-IN FITTING WITH DAMPER
	LATERAL SQUARE TO ROUND TAKEOFF
	REDUCER
	SQUARE TO ROUND
	FLEXIBLE DUCT
	ROUND DUCT
	VERTICAL FIRE DAMPER, PARTITION RATING
	HORIZONTAL FIRE DAMPER, FLOOR RATING
	MOTOR OPERATED DAMPER RUSKIN CD-60 OR EQUAL
	MANUAL VOLUME DAMPER RUSKIN MD-35 OR EQUAL
	PARALLEL BLADE DAMPER
	OPPOSED BLADE DAMPER
	BACKDRAFT DAMPER
	CEILING DIFFUSER
	RETURN OR RELIEF AIR REGISTER
	DENOTES EXISTING EQUIPMENT TO BE REMOVED
	POINT OF CONNECTION NEW TO EXISTING

ABBREVIATIONS

AAV	AUTOMATIC AIR VENT
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAV	CONSTANT AIR VOLUME
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG.	CEILING
CLG. CAB	CEILING CABINET (FAN TYPE)
C.O.	CLEANOUT
DB	DRY BULB
DH	DEHUMIDIFIER
DN	DOWN
DX	DIRECT EXPANSION
(E)	EXISTING
EAT	ENTERING AIR TEMPERATURE
EG	EXHAUST GRILLE
ENT.	ENTERING
EWH	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
FC	FORWARD CURVED
FD	FIRE DAMPER
FPM	FEET PER MINUTE
G.I.	???
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
L	WALL LOUVER
LAT	LEAVING AIR TEMPERATURE
LPG	LIQUIFIED PETROLEUM GAS
LVG.	LEAVING
LWT	LEAVING WATER TEMPERATURE
MAV	MANUAL AIR VENT
MAX.	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MFR.	MANUFACTURER
MIN.	MINIMUM
MOD	MOTOR OPERATED DAMPER
MVD	MANUAL VOLUME DAMPER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OPG	OPENING
PD	PRESSURE DROP
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
REL	RELIEF AIR
RG	RETURN GRILLE
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SD	SMOKE DAMPER
SP	STATIC PRESSURE (INCHES OF WATER)
SQ INLINE	SQUARE INLINE (FAN TYPE)
SW PROP	SIDEWALL PROPELLER (FAN TYPE)
TYP.	TYPICAL
WB	WET BULB TEMPERATURE, DEG. °F
WH	WALL HYDRANT
WL	WALL LOUVER
WMS	WIRE MESH SCREEN
WPD	WATER PRESSURE DROP (FEET OF WATER)
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE

GENERAL NOTES

- WHERE DUCTWORK, PIPING, OR ANY OTHER MECHANICAL EQUIPMENT IS INSTALLED ABOVE THE CEILING STRUCTURE, SUFFICIENT CLEARANCE SHALL BE PROVIDED BELOW ALL LOW POINTS OF THIS EQUIPMENT FOR THE INSTALLATION OF THE FINISHED CEILING AND ITS STRUCTURE AND ALL CEILING-MOUNTED EQUIPMENT INCLUDING CEILING-MOUNTED MECHANICAL EQUIPMENT, LIGHT FIXTURES, PLUMBING LINES, SPRINKLER HEADS, ETC. CLEARANCES REQUIRED FOR THE INSTALLATION OF THIS CEILING-MOUNTED EQUIPMENT SHALL BE VERIFIED AND COORDINATED WITH THE GENERAL CONTRACTOR AND ALL INVOLVED SUBCONTRACTORS BEFORE INSTALLING THE MECHANICAL EQUIPMENT.
- WHERE SPACE IS LIMITED, SUCH AS IN THE FURRED CEILING SPACES AND CHASES, ROUTES AND CLEARANCES AND INSTALLATION PROCEDURES FOR DUCTWORK, PIPING, VALVES, AND OTHER MECHANICAL EQUIPMENT SHALL BE VERIFIED AND COORDINATED WITH OTHER WORK BEFORE EQUIPMENT IS INSTALLED.
- ALL STRUCTURAL STEEL AND OTHER MATERIALS REQUIRED FOR OVERHEAD-SUSPENDED MECHANICAL EQUIPMENT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR UNLESS DETAILED ON STRUCTURAL DRAWINGS. ALL NECESSARY REINFORCING IN BUILDING STRUCTURE SHALL BE PROVIDED BY GENERAL CONTRACTOR.
- GRILLE AND OTHER EQUIPMENT MOUNTING HEIGHTS WHERE SHOWN ON DRAWINGS ARE MEASURED FROM FINISHED FLOOR TO BOTTOM EDGE OF OPENING UNLESS OTHERWISE INDICATED.
- MOUNT WALL SENSORS WITH SETPOINT ADJUSTMENT 5'-0" ABOVE FINISHED FLOOR.
- IF ANY EQUIPMENT OTHER THAN THAT SHOWN OR SPECIFIED IS FURNISHED, THE CONTRACTOR SHALL VERIFY THAT THE EQUIPMENT CAN BE INSTALLED IN THE SPACE AVAILABLE, INCLUDING PASSAGE THROUGH DOORS AND ACCESS DOORS AND ACCESS TO THOSE PARTS OF THE EQUIPMENT REQUIRING SERVICE.
- ALL DUCTS 30" WIDE OR WIDER SHOWN RUNNING SIDE-BY-SIDE ON THE PLANS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 6" BETWEEN THEM TO PROVIDE SPACE FOR CEILING SUSPENSION DEVICES.
- OPEN ENDS OF ALL RETURN AND EXHAUST DUCTS IN THE FURRED SPACE ABOVE THE CEILING SHALL BE COVERED WITH 1/2" MESH G.I. SECURELY ATTACHED TO THE DUCTS.
- RUN CONDENSATE LINE FROM DRAINS ON AIR HANDLING UNITS TO NEARBY FLOOR DRAINS UNLESS OTHERWISE SHOWN. DRAINS SHALL BE SAME SIZE AS TAPPING ON UNIT EXCEPT NOT SMALLER THAN 1/2".
- WHERE EXTERNAL INSULATION IS SHOWN ON DUCTS CONTAINING INTERNAL INSULATION, THE THICKNESS OF THE EXTERNAL INSULATION MAY BE REDUCED BY THE THICKNESS OF THE INTERNAL INSULATION.
- ALL INTERNAL INSULATION IN DUCTWORK SHALL BE PROTECTED AT UPSTREAM AND DOWNSTREAM EDGES BY MITERED OFFSETS IN DUCT. OFFSETS SHALL BE SAME AS THICKNESS OF INSULATION.
- SEE SPECIFICATIONS FOR DESCRIPTION OF DUCTWORK INSULATION.
- ALL AIR INTAKE AND DISCHARGE LOUVERS TO EXTERIOR WALLS OF THE BUILDING SHALL BE FURNISHED BY MECHANICAL CONTRACTOR.
- ALL DUCTWORK SHOWN LINED SHALL HAVE 1/2" INTERNAL INSULATION. SEE SPECIFICATIONS.
- OFFSET DUCTS AND PIPING WHERE NECESSARY TO CLEAR OTHER WORK SUCH AS BEAMS, PIPES, ELECTRICAL EQUIPMENT, ETC., COORDINATE DUCTWORK INSTALLATION WITH OTHER TRADES TO AVOID SPACE CONFLICTS.
- ALL CEILING-MOUNTED DIFFUSERS AND GRILLES IN FURRED CEILING SHALL BE SYMMETRICALLY LOCATED WITH RESPECT TO LIGHTING FIXTURES. DO NOT SCALE DRAWINGS FOR LOCATIONS. COORDINATE EXACT LOCATIONS WITH ELECTRICAL CONTRACTOR AND REFER TO REFLECTED CEILING PLAN.
- DUCT SIZES SHOWN ON PLANS INDICATE CLEAR INSIDE DIMENSIONS OF DUCTS, NOT INCLUDING ALLOWANCE FOR INTERNAL INSULATION.
- WHERE CONNECTIONS OR ALTERATIONS ARE MADE TO EXISTING PIPING, OR OTHER MECHANICAL EQUIPMENT, THE EXACT LOCATION AND CONFIGURATION OF THIS EQUIPMENT SHALL BE DETERMINED ON THE JOB SITE. ROUTE AND CLEARANCES FOR NEW PIPING, OR OTHER MECHANICAL EQUIPMENT CONNECTING TO EXISTING EQUIPMENT SHALL BE VERIFIED ON THE JOB SITE BEFORE FABRICATING ANY NEW EQUIPMENT.
- WHERE ANY PART OF BUILDING OR EXISTING EQUIPMENT IS CUT OR OTHERWISE DISFIGURED TO PERMIT INSTALLATION OF NEW EQUIPMENT OR RELOCATION OF EXISTING EQUIPMENT, THIS PART OF BUILDING OR EXISTING EQUIPMENT SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING.
- ITEMS REMOVED DURING DEMOLITION MAY BE REUSED. HANDLE WITH EXTREME CARE AND TOUCH-UP DAMAGED SURFACES OR REPLACE WITH NEW AT OWNER'S DISCRETION. ITEMS DAMAGED DURING DEMOLITION SHALL BE REPLACED AT NO COST TO OWNER. OWNER HAS FIRST REFUSAL ON ALL ITEMS REMOVED DURING DEMOLITION.
- PROVIDE AND INSTALL ACCESS DOORS IN DRYWALL TO MATCH EXISTING FOR ACCESS TO ALL BALANCING DAMPERS AND NEW OR RELOCATED EQUIPMENT.
- AIR-BALANCE REPORT SHALL ACCOMPANY A SET OF AS-BUILT PLANS INDICATING EXACT TO-SCALE LOCATIONS AND FINAL BALANCE AIR RATES. MAINTAIN A MINIMUM OF ONE INTACT SET OF PROJECT PLANS AND SPECIFICATIONS AT JOB SITE, MARKED TO SHOW ALL DEVIATIONS PERMITTED DURING CONSTRUCTION AS THE WORK IS INSTALLED. ALL MARKS SHALL BE RED IN COLOR, COMPLETE, CLEAR AND LEGIBLE.
- FIELD VERIFY ALL DIMENSIONS. DO NOT SCALE DRAWINGS.
- COORDINATE THE INSTALLATION OF HVAC SYSTEMS WITH THE WORK OF OTHER TRADES.
- INSTALL ALL MECHANICAL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.



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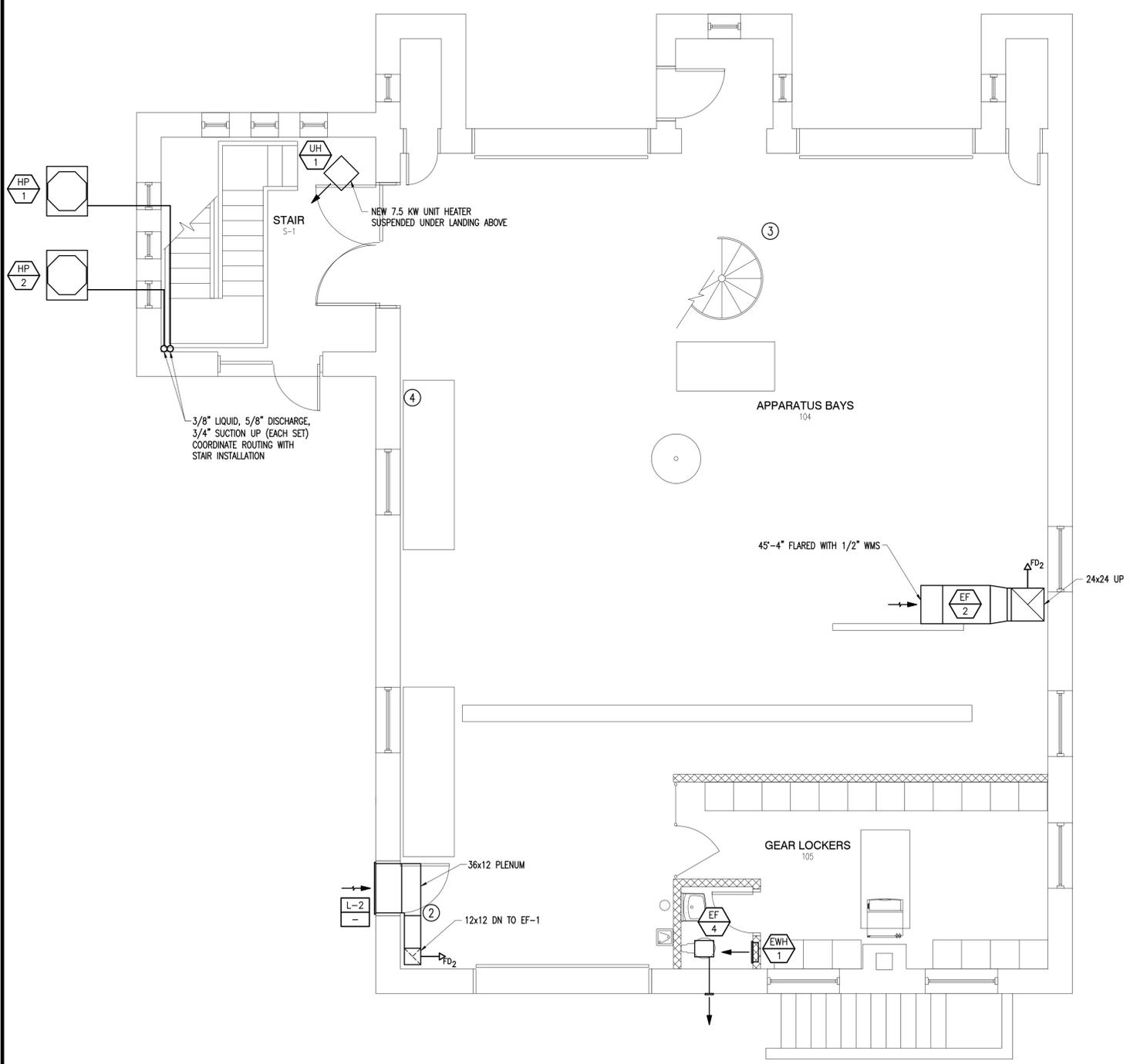
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DESIGNED: CNB
DRAWN: RDC
CHECKED: CNB
DATE: 2015-03-20
REVISIONS:

LEGEND, NOTES, AND ABBREVIATIONS



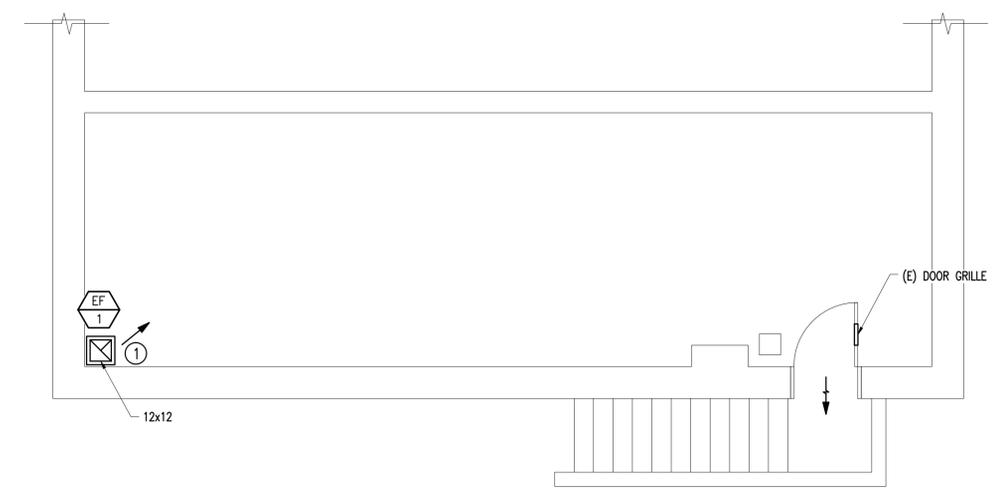
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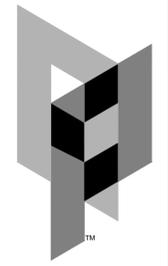
1ST FLOOR NEW WORK PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH

PLAN NOTES

- ① COVER DUCT OPENING WITH 1/2" WMS.
- ② LINE DUCT ON 1ST FLOOR ONLY.
- ③ EXISTING RADIANT HEATERS AND GAS PIPING TO REMAIN.
- ④ EXISTING EXHAUST DUCT AND VENT TO REMAIN IN THIS AREA.

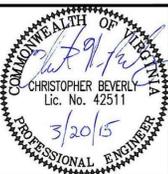


BASEMENT NEW WORK PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



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INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6
 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170

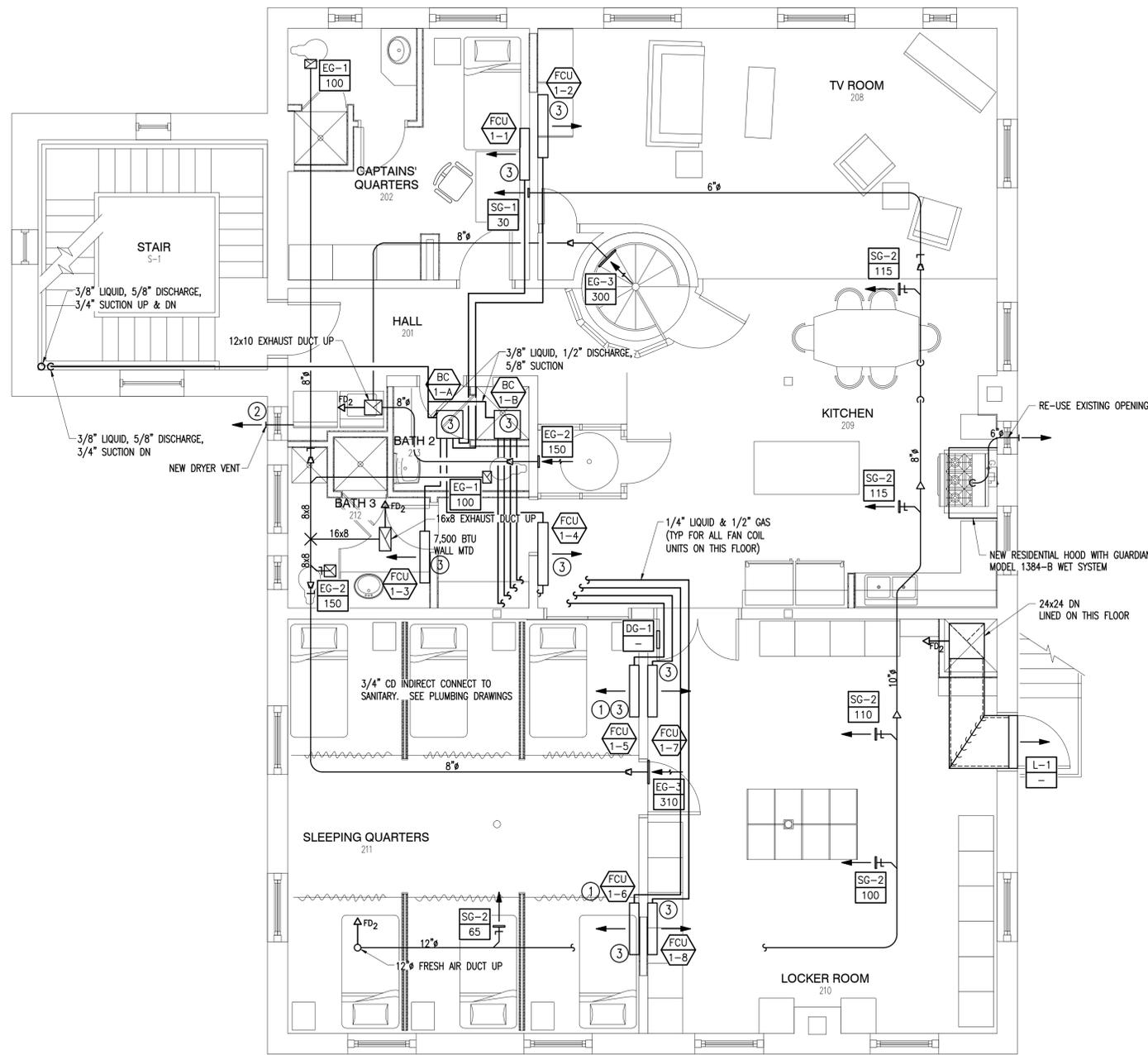


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DESIGNED: CNB
 DRAWN: RDC
 CHECKED: CNB
 DATE: 2015-03-20
 REVISIONS:

BASEMENT & 1ST FLOOR NEW WORK PLAN





2ND FLOOR NEW WORK PLAN
SCALE: 1/4"=1'-0"
ACTUAL NORTH

PLAN NOTES

- ① MOUNT AS HIGH AS POSSIBLE.
- ② ROUTE NEW 6" DRYER VENT THROUGH EXISTING GLASS PANEL.
- ③ ROUTE CONDENSATE DRAIN TO NEARBY INDIRECT CONNECTION. SEE PLUMBING DRAWINGS.

MARK	MODEL	MAX CFM	MIN CFM	KW	DUCT SIZE	CONTROL PANEL	POSITION	V/Ph/Hz	REMARKS
DHC-1	-	805	805	6	14x12	-	-	230/1/60	-

MARK	MODEL	SYSTEM SERVED	OA & EF HP	OA CFM	EA CFM	SUMMER		WINTER		V/Ph/Hz	REMARKS
						OA EAT & LAT db/wb°F	EA EAT & LAT db/wb°F	OA EAT & LAT db/wb°F	EA EAT & LAT db/wb°F		
ERV-1	ERV-1000	-	1	805	860	90.0/74.0 - 79.0/66.1	75.0/62.4 - 86.5/71.3	17.0/13.9 - 57.2/46.5	72.0/55.7 - 30.0/26.7	230/1/60	1

REMARKS:
1. MODEL NUMBER BASED ON LOREN COOK.

MARK	DUTY	MODEL	SIZE (WxH)	REMARKS
L-1	EF-2 EXHAUST	EDD-601	36x48	1
L-2	EF-1 INTAKE	EDD-601	36x12	1

REMARKS:
1. MODEL NUMBER BASED ON GREENHECK.

MARK	MODEL	CFM	SP in Wg	WATTS/HP	SONES	DRIVE	Volts/Ph/Hz	REMARKS
EF-1	90SQN12D	350	0.325	1/6 HP	6.9	DIRECT	115/1/60	1,2,3,4,8
EF-2	210SQN-B	4675	0.5	1-1/2 HP	13.8	BELT	115/1/60	1,2,3,4,8
EF-3	100SQN12D	450	0.5	1/6 HP	6.7	DIRECT	115/1/60	1,2,3,4,8
EF-4	GC-128	50	0.5	28 W	1.4	DIRECT	115/1/60	1,3,4,5,6,7,8

REMARKS:
1. MODEL NUMBER BASED ON LOREN COOK.
2. FURNISH AND INSTALL BACKDRAFT DAMPER.
3. PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT.
4. FURNISH FAN WITH MOTOR WITH INTEGRAL OVERLOAD PROTECTION.
5. FURNISH FAN WITH FACTORY-MOUNTED FAN SPEED CONTROLLER.
6. FURNISH AND INSTALL WALL CAP WITH DAMPER.
7. FURNISH FAN WITH ANODIZED ALUMINUM GRILLE.
8. FURNISH FAN WITH RUBBER IN SHEAR ISOLATORS.

MARK	MODEL	NECK SIZE	MOUNTING	MATERIAL	COLOR	MAX NC	REMARKS
DG-1	STG1	12x10	-	STEEL	WHITE	25	1
EG-1	530	8x6	SURFACE	STEEL	WHITE	25	1
EG-2	530	8x8	SURFACE	STEEL	WHITE	25	1
EG-3	530	16x8	SURFACE	STEEL	WHITE	25	1
SG-1	520	6x4	SURFACE	STEEL	WHITE	25	1
SG-2	520	8x4	DUCT	STEEL	WHITE	25	1
TG-1	530	10x10	SURFACE	STEEL	WHITE	25	1

REMARKS:
1. MODEL NUMBER BASED ON PRICE INDUSTRIES.

MARK	DUTY	MODEL	SIZE (WxH)	AIRFLOW (CFM)	REMARKS
IV-1	FRESH AIR INTAKE	24X24X6TRE	24x24	800	1
RV-1	ERV-1 EXHAUST	20X20X6TRE	20x20	650	1
RV-2	EF-3 EXHAUST	16X16X6TRE	16x16	450	1

REMARKS:
1. MODEL NUMBER BASED ON LOREN COOK.

MARK	MODEL	CFM	WATTS	V/Ph/Hz	REMARKS
UH-1	HF2B5110CA1L	700	7500	230/1/60	1
EW-1	E3321TD-RP	175	750	120/1/60	1

REMARKS:
1. MODEL NUMBER BASED ON MARKEL.

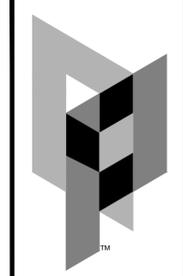
MARK	MODEL	NOMINAL TONS	SYSTEM SERVED	V/Ph/Hz	REMARKS
HP-1	ARUB072BTE4	6	-	208/230/3/60	1
HP-2	ARUB072BTE4	6	-	208/230/3/60	1

REMARKS:
1. MODEL NUMBER BASED ON LG.

MARK	MODEL	CFM	INPUT (W)	EXT SP	COOLING		HEATING		V/Ph/Hz	REMARKS
					MBH	EAT db/wb	MBH	EAT		
FCU-1-1	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-2	ARNU183SEL2	424	40	0	19.1	75.0/62.5	21.5	68.0	208/230/1/60	1,2
FCU-1-3	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-4	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-5	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-6	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-7	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-1-8	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-2-1	ARNU283BGA2	805	450	0.4	28	75.0/62.5	31.5	68.0	208/230/1/60	1,2
FCU-2-2	ARNU153SEL2	370	40	0	15.4	75.0/62.5	17.1	68.0	208/230/1/60	1,2
FCU-2-3	ARNU153SEL2	370	40	0	15.4	75.0/62.5	17.1	68.0	208/230/1/60	1,2
FCU-2-4	ARNU073SEA2	300	30	0	7.5	75.0/62.5	8.5	68.0	208/230/1/60	1,2
FCU-2-5	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2
FCU-2-6	ARNU093SEL2	247	40	0	9.6	75.0/62.5	10.9	68.0	208/230/1/60	1,2

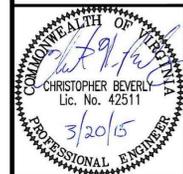
REMARKS:
1. MODEL NUMBER BASED ON LG.
2. PROVIDE WITH FACTORY MOUNTED INTEGRAL DISCONNECT.

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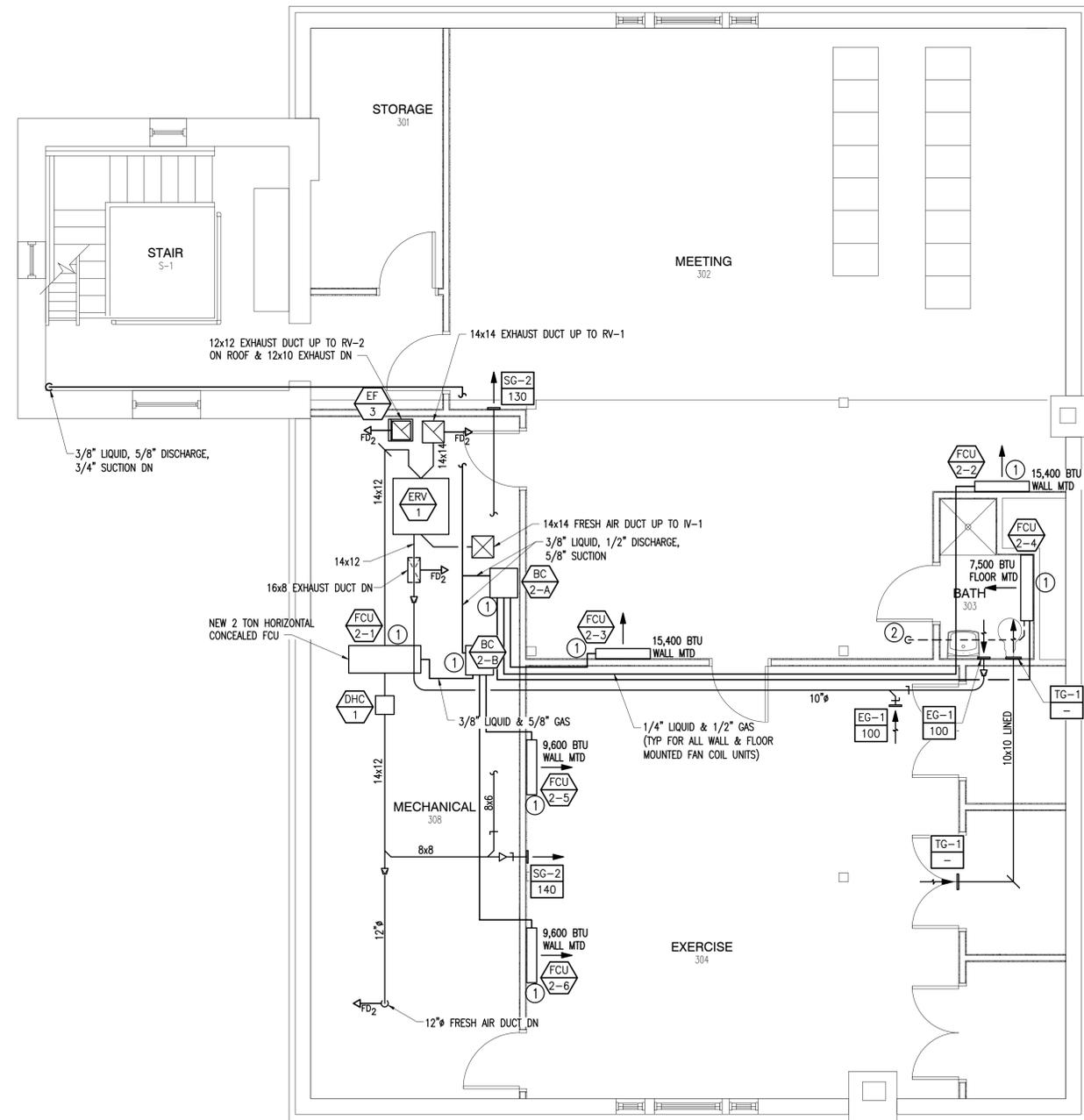


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DESIGNED: CNB
DRAWN: RDC
CHECKED: CNB
DATE: 2015-03-20
REVISIONS:

2ND FLOOR NEW WORK PLAN & SCHEDULES

3/15/2015 10:41 AM



3RD FLOOR NEW WORK PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH

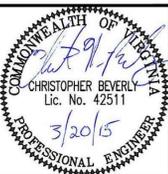
PLAN NOTES

- ① ROUTE CONDENSATE DRAIN TO NEARBY INDIRECT CONNECTION. SEE PLUMBING DRAWINGS.
- ② ROUTE CONDENSATE DRAIN TO INDIRECT CONNECTION ON 2ND FLOOR. SEE PLUMBING DRAWINGS.



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3RD FLOOR NEW WORK PLAN

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LEGENDS

RACEWAY

	CONDUIT RUN EXPOSED
	CONDUIT RUN CONCEALED ABOVE CEILINGS OR IN WALLS
	CONDUIT RUN CONCEALED BENEATH FLOORS, IN WALLS OR, IF OUTDOORS, BELOW GRADE
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	P1-XXX POWER HOMERUN
	DATA HOMERUN TO IT CLOSET. EMPTY 3/4" C UON
	JUNCTION BOX
	WIREMOLD V4000 (NOTE 4)

OVERCURRENT DEVICES

	SAFETY SWITCH, FUSIBLE
	STARTER, COMBINATION MAGNETIC, FUSIBLE
	STARTER, MANUAL: NEMA 1 INDOORS, NEMA 3R OUTDOORS
	INDIVIDUALLY ENCLOSED CIRCUIT BREAKER

WIRING DEVICES

	RECEPTACLE, DUPLEX, NEMA 5-20
	RECEPTACLE, SINGLE, NEMA 5-20R
	RECEPTACLE, DUPLEX, GFI, NEMA 5-20
	RECEPTACLE, QUADRUPLX, NEMA 5-20
	RECEPTACLE, SPECIAL (NEMA CONFIGURATION AS SHOWN)
	SWITCH
	SWITCH, 3/W
	SWITCH, 4/W
	SWITCH - OVERRIDE OFF
	OCCUPANCY SENSOR, CEILING-MOUNTED (NOTE 2)
	OCCUPANCY SENSOR, WALL-MOUNTED (NOTE 2)
	DIMMER (NOTE 5)
	DOOR BELL PUSHBUTTON (NOTE 3)
	WIREMOLD PLUGMOLD

GROUNDING

	GROUND ROD
	BOND TO INDICATED BJECT
	GROUNDING ELECTRODE CONDUCTOR

LIGHTING

	FIXTURE, LED OR FLUORESCENT: NORMAL SWITCHING, TONE SWITCHED
	FIXTURE, CEILING-MOUNTED
	FIXTURE, WALL MOUNTED
	EXIT, UNSWITCHED, SINGLE-FACED, DOUBLE-FACED. ARROWS AS INDICATED ON DRAWING. FIXTURE TYPE "X", UON

COMMUNICATIONS OUTLET BOXES (NOTE 1)

	SINGLE GANG, WIRELESS ACCESS POINT
	SINGLE GANG, BLACK PHONE, MICROPHONE
	SINGLE GANG, RED PHONE
	SINGLE GANG, SPEAKER (WP WHERE OUTSIDE)
	SINGLE GANG, SWITCH (ON / OFF) FOR SPEAKER
	SINGLE GANG, BUZZER FOR RED PHONE
	TWO GANG, RED PHONE, BLACK PHONE, NETWORK, MICROPHONE
	SINGLE GANG, NETWORK
	SINGLE GANG, TV, NETWORK

MISCELLANEOUS

	COMMUNICATIONS PROVIDER POINT OF DEMARCATION
--	--

FIRE DETECTION AND ALARM SYSTEM

	MANUAL PULL STATION
	SMOKE DETECTOR
	BEAM SMOKE DETECTOR
	HEAT DETECTOR
	EVACUATION NOTIFICATION DEVICE, COMBINATION AUDIBLE / VISUAL
	EVACUATION NOTIFICATION DEVICE, VISUAL ONLY
	SPRINKLER VALVE SUPERVISORY SWITCH
	SPRINKLER FLOW SWITCH
	KEY SWITCH FOR BEAM SMOKE DETECTOR
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUCIATOR
	CARBON MONIXODE DETECTOR
	COMBUSTIBLE GAS DETECTOR

MISCELLANEOUS

	MOTOR
	RED MUSHROOM BUSHBUTTON. LABEL "STOVE GAS SHUTOFF"
	GENERATOR BATTERY CHARGER
	GENERATOR COOLANT HEATER
	GENERATOR REMOTE MONITORING PANEL
	RELAY IN FLUSH-MOUNTED JUNCTION BOX

ABBREVIATIONS

%Z	PERCENT IMPEDANCE	INST	INSTANTANEOUS
ADA	AMERICANS WITH DISABILITIES ACT	KCMIL	THOUSAND CIRCULAR MILS
AF	AMPERE FRAME	KVA	KILOVOLT-AMPERES
AFCI	ARCING FAULT CURRENT INTERRUPTER	KW	KILOWATTS
AFF	ABOVE FINISHED FLOOR	L	LINE
AIC	AMPERES INTERRUPTING CAPACITY	MAX	MAXIMUM
AMPS	AMPERES	MC	METAL CLAD CABLE
AT	AMPERE TRIP	MCCB	MOLDED CASE CIRCUIT BREAKER
BCSD	BARE COPPER SOFT DRAWN	MH	MOUNTING HEIGHT
C	CONDUIT	MIN	MINIMUM
CH	COUNTER HEIGHT	N, NEUT	NEUTRAL
CKT	CIRCUIT	N/A	NOT APPLICABLE
CONN	CONNECTED	NTS	NOT TO SCALE
DED	DEDICATED	P	POLE
DHC	DUCT HEATER COIL	PRS	PROGRAMMED RAPID START
EF	EXHAUST FAN	PVC	POLYVINYL CHLORIDE
EGC	EQUIPMENT GROUNDING CONDUCTOR	REC	RECEPTACLE
EMT	ELECTRICAL METALLIC THINWALL	RMS	ROOT MEAN SQUARE
ERV	ENERGY RECOVERY VENTILATOR	RSC	RIGID STEEL CONDUIT
ETR	EXISTING TO REMAIN	SYM	SYMMETRICAL
EWC	ELECTRIC WATER COOLER	TBD	TO BE DETERMINED
FACP	FIRE ALARM CONTROL PANEL	THD	TOTAL HARMONIC DISTORTION
FCU	FAN COIL UNIT	TU	TERMINAL UNIT
FDAS	FIRE DETECTION AND ALARM SYSTEM	TV	TELEVISION
FHP	FRACTIONAL HORSEPOWER	TYP	TYPICAL
FLA	FULL LOAD AMPERES	UON	UNLESS OTHERWISE NOTED
FPEM	FUSE PER EQUIPMENT MANUFACTURER	V	VOLTS
FSS	FIRE SUPPRESSION SYSTEM	W/	WITH
GEC	GROUNDING ELECTRODE CONDUCTOR	WAP	WIRELESS ACCESS POINT
GFI	GROUND FAULT INTERRUPTER	WP	WEATHERPROOF
GND	GROUND		
HP	HORSEPOWER OR HEAT PUMP		
HVAC	HEATING, VENTILATION & AIR CONDITIONING		

DRAWING LIST

- E0.1 LEGENDS, NOTES, ABBREVIATIONS & SPECIFICATIONS
- E1.0 BASEMENT & FIRST FLOOR - LIGHTING
- E1.1 SECOND FLOOR - LIGHTING
- E1.2 THIRD FLOOR - LIGHTING
- E1.3 LIGHT FIXTURE SCHEDULE
- E1.4 TONE-CONTROLLED LIGHTING SYSTEM WIRING DIAGRAM
- E2.0 FIRST FLOOR & BASEMENT - POWER & COMMUNICATIONS
- E2.1 SECOND FLOOR - POWER & COMMUNICATIONS
- E2.2 THIRD FLOOR - POWER & COMMUNICATIONS
- E3.0 ONE LINE DIAGRAM
- E3.1 POWER SCHEDULES
- E4.0 BASEMENT, FIRST, SECOND & THIRD FLOOR - FDAS

NOTES (SHEET NO. E0.1)

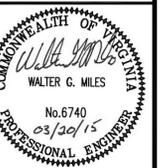
- A COMMUNICATIONS OUTLET BOX WILL BE A LOCATION TO WHICH TELEPHONE, NETWORK, INTERCOM OR TELEVISION CABLING CAN BE BROUGHT. CABLING, COVERPLATES AND JACKS WILL BE PROVIDED AND INSTALLED BY THE OWNER'S COMMUNICATIONS WIRING CONTRACTOR UNDER A SEPARATE CONTRACT.
- INDICATES THAT LIGHTS IN SPACE SHALL BE CONTROLLED BY AN OCCUPANCY SENSOR. PROVIDE OCCUPANCY SENSORS, POWER PACKS, WIRING, ETC OF TYPE AND QUANTITY REQUIRED FOR PROPER OPERATION.
- DOOR BELL SYSTEM SHALL BE WIRELESS, SAFETY TECHNOLOGY INTERNATIONAL, INC. STI-32500 OR SIMILAR. PROVIDE TWO DOORBELL BUTTONS AND TWO WIRELESS CHIMES.
- PROVIDE CENTER DIVIDER TO SEGREGATE POWER FROM COMMUNICATIONS WIRING. COLOR OF EXTERNAL SURFACES SHALL BE PER ARCHITECT.
- RUN 0-10 VOLT DIMMER CONTROL WIRING ALONG WITH POWER WIRING TO ASSOCIATED FIXTURES.



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 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



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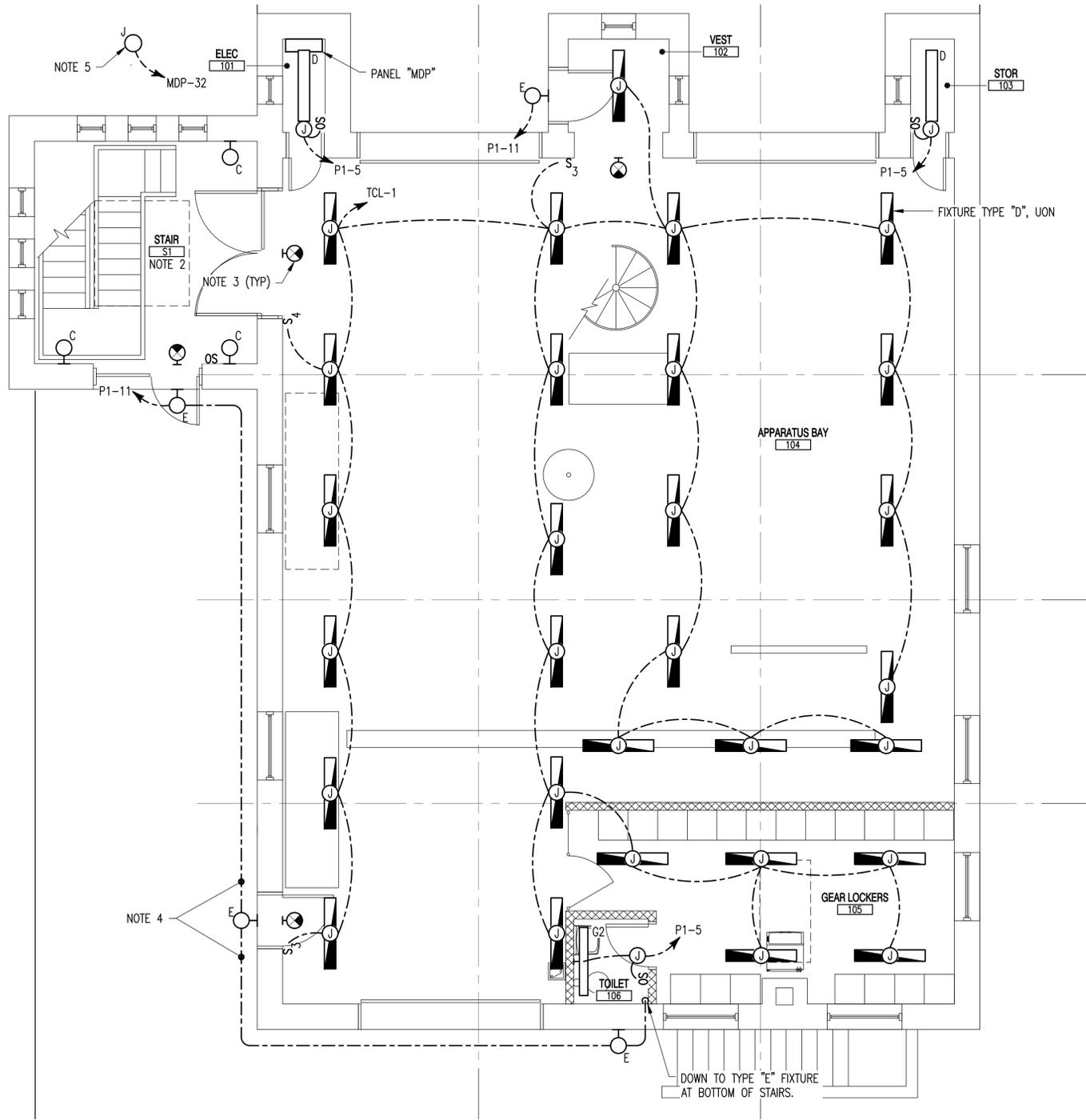
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CHECKED: WGM
DATE: 2015-03-20
REVISIONS:

LEGEND NOTES & ABBREVIATIONS



MASTER ENGINEERS & DESIGNERS

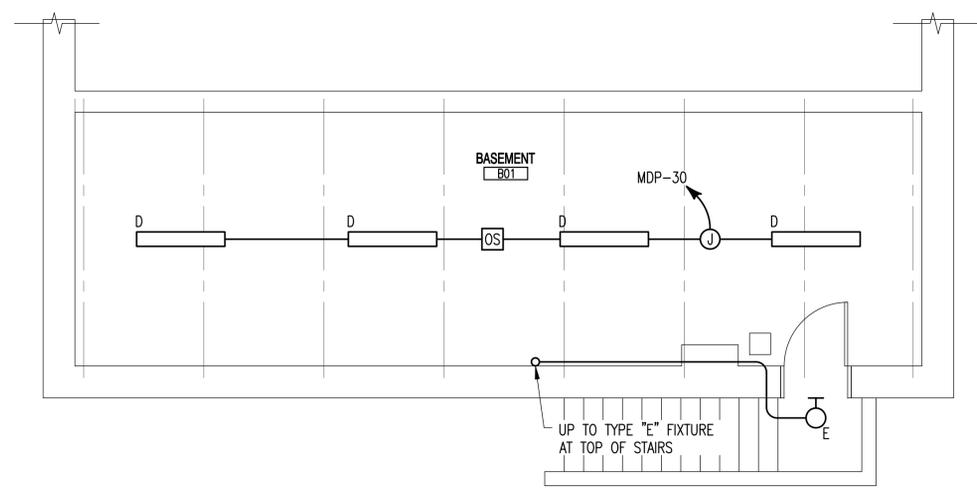
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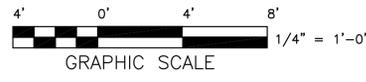
FIRST FLOOR PLAN - LIGHTING (NOTE 1)
 SCALE: 1/4"=1'-0"
 NORTH

NOTES (DRAWING E1.0)

1. RUN WIRING ON MASONRY WALLS EXPOSED. RUN ALL OTHER WIRING CONCEALED ABOVE CEILING USING MC CABLE WHERE APPLICABLE.
2. WIRE TYPE "C" FIXTURES IN STAIR TOWER SO THAT IF AN OCCUPANCY SENSOR ON ANY LEVEL IS ACTIVATED, ALL LIGHTS IN THE STAIR TOWER ARE ENERGIZED. FEED FROM PANEL "P1", CKT-3.
3. FEED ALL EXIT FIXTURES FROM PANEL "P1", CKT-15.
4. RUN INSIDE BUILDING.
5. GROUND-MOUNTED FLOOD LIGHT TO ILLUMINATE FLAGPOLE. LOCATION SHOWN IS APPROXIMATE. ADJUST AS REQUIRED. INSTALL ASTRONOMICAL TIME CLOCK WITH SPRING RIDE THROUGH TO CONTROL FIXTURE.

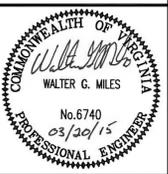


BASEMENT FLOOR PLAN - LIGHTING
 SCALE: 1/4"=1'-0"
 NORTH



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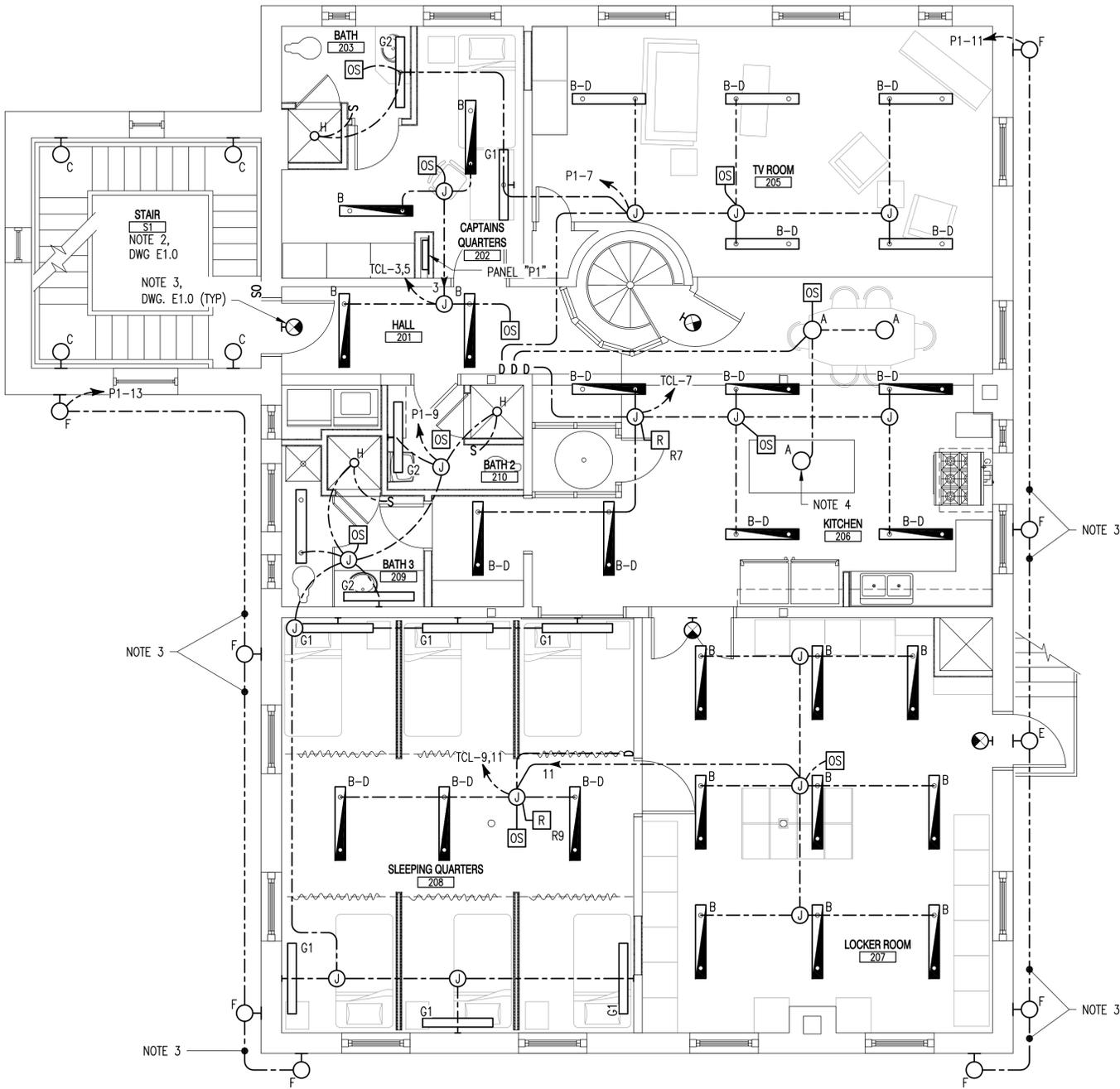


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DESIGNED: WGM/JHR
 DRAWN: JHR
 CHECKED: WGM
 DATE: 2015-03-20
 REVISIONS:



BASEMENT & FIRST FLOOR LIGHTING



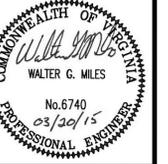
NOTES (DRAWING E1.1)

1. RUN WIRING CONCEALED WITHIN NON-MASONRY WALLS AND ABOVE CEILING USING MC CABLE WHERE APPLICABLE.
2. MOUNT TYPE "G1" FIXTURES 60" AFF.
3. RUN INSIDE BUILDING.
4. A POT RACK WILL BE INSTALLED ABOVE THE TABLE. COORDINATE FIXTURE LOCATION WITH ARCHITECT.



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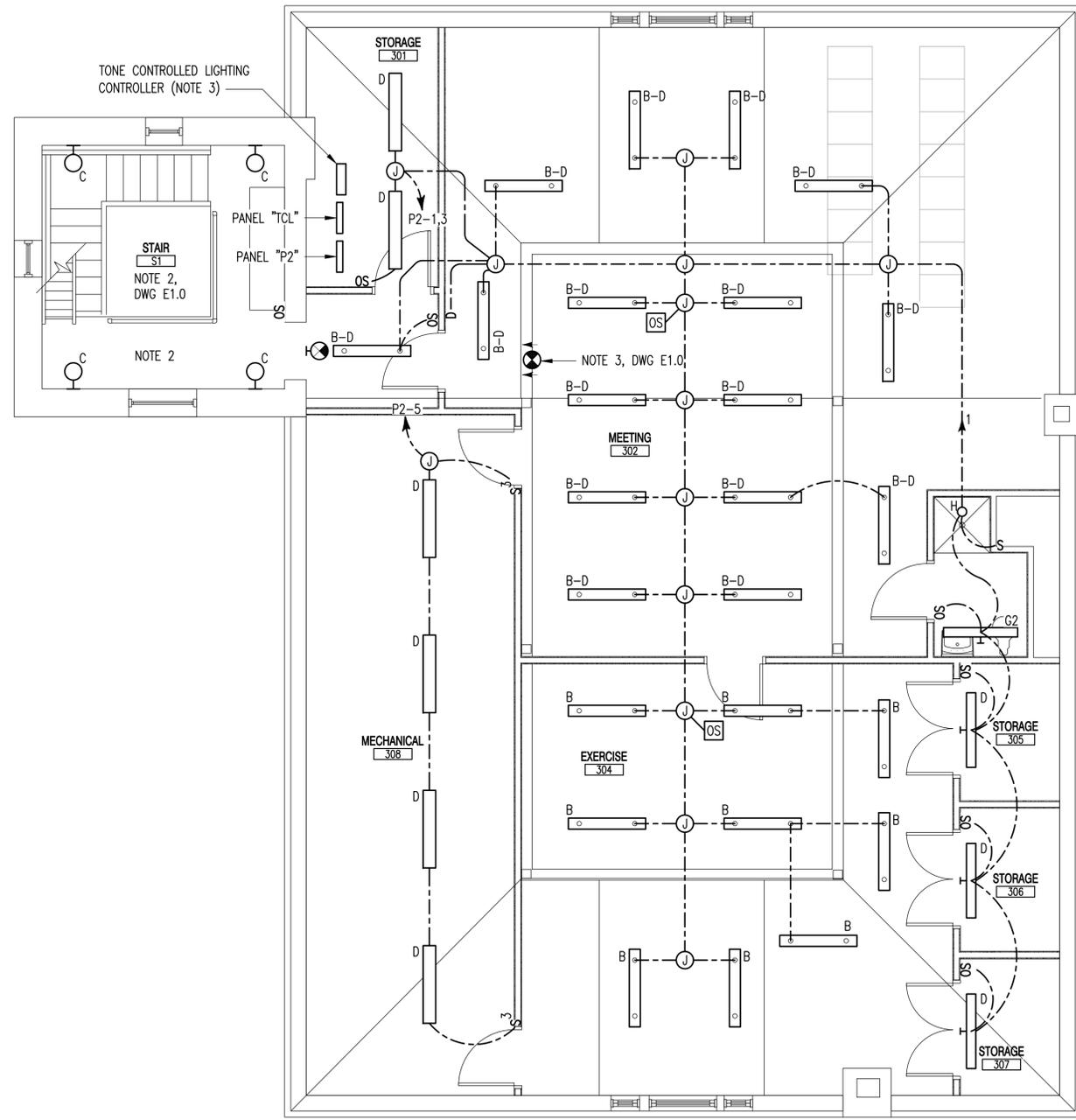
DESIGNED: WGM/JHR
 DRAWN: JHR
 CHECKED: WGM
 DATE: 2015-03-20
 REVISIONS:

SECOND FLOOR LIGHTING

SECOND FLOOR PLAN - LIGHTING
 SCALE: 1/4"=1'-0"



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 904 Lakeside Drive, Lynchburg, VA 24501
 434-846-1350 Fax: 434-846-1351



NOTES (DRAWING E1.2)

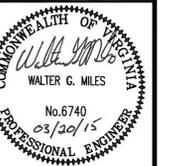
1. RUN WIRING CONCEALED WITHIN NON-MASONRY WALLS AND ABOVE CEILING USING MC CABLE WHERE APPLICABLE.
2. INSTALL ONE FIXTURE AND OCCUPANCY SENSOR IN TOWER ONE LEVEL ABOVE.
3. RELOCATED FROM BOTTOM LEVEL OF STAIR 1.



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 CHECKED: WGM
 DATE: 2015-03-20
 REVISIONS:

THIRD FLOOR LIGHTING

THIRD FLOOR PLAN - LIGHTING (NOTE 1)
 SCALE: 1/4" = 1'-0"



MASTER
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423-192

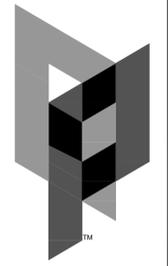
LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER *	VOLTAGE	VOLT-AMPERES (MAXIMUM)	LAMPS		BALLAST	DESCRIPTION
					QTY	TYPE **		
A	BARN LIGHT ELECTRIC	BLE CN WHB11	120	100	1	GU-24-Bi Pin	NA	PENDANT, CHAIN HUNG, STEEL SHADE WITH PORCELAIN ENAMEL FINISH
B	PEERLESS	7CRM3L LP830	120	51	1	4530 LUMEN 3000 DEG K LED LIGHT ENGINE	DRIVER	Cerra 7 LED LIGHTVENT INDIRECT, SUSPENDED, 7" X 2" CRESCENT HOUSING, PAINTED ALUMINUM FINISH, INJECTION MOLDED PRIMARY OPTICS, FILM AND HIGHLY REFLECTIVE METAL REFLECTOR.
B-D	PEERLESS	7CRM3L LP830	120	51	1	4530 LUMEN 3000 DEG K LED LIGHT ENGINE	DIMMING DRIVER	SIMILAR TO TYPE "B" EXCEPT DIMMING
C	LITHONIA	OLCS 8	120	9	1	513 LUMEN 4000 DEG K LED LIGHT ENGINE	DRIVER	OUTDOOR GENERAL PURPOSE LED SCONCE, CAST-ALUMINUM HOUSING, POWDER COAT FINISH WHITE POLYCARBONATE DIFFUSER
D	LITHONIA	FEM4 LED-3L-35-IMAFI	120	39	1	3418 LUMEN 3000 DEG K LED LIGHT ENGINE	DRIVER	ONE-PIECE FIBERGLASS HOUSING WITH INTEGRAL PERIMETER CHANNEL UTILIZING CONTINUOUS Poured-IN-PLACE CLOSED CELL GASKET. APPROVED AS A WIREWAY AND THROUGH WIRING. TOOL-LESS DRIVER ACCESS. STAINLESS STEEL LATCHES. ACRYLIC LENS.
E	LITHONIA	WST LED-1-10A700/30K-PE-SF-DOBXD	120	24	1	2005 LUMEN 3000 DEG K LED LIGHT ENGINE	DRIVER	SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, DIE-CAST DOOR FRAME FULLY GASKETED WITH ONE-PIECE SOLID SILICONE GASKET, POWDER COAT FINISH, PRECISION MOLDED ACRYLIC LENS, PHOTOCCELL, SINGLE FUSE, DARK BRONZE FINISH.
F	LITHONIA	WFL-100S-HPW-CWI-SF-PE	120	138	1	MH100 / U / M	CWA	EXTRUDED ALUMINUM BODY WITH CAST END CAPS, FORMED STEEL WALL BRACKETS, HINGED AND GASKETED CAST ALUMINUM DOOR FRAME, CLOSED-CELL SILICONE GASKET, CENTERED OPTICS WITH ANODIZED, ALUMINUM REFRACTORS, CLEAR IMPACT RESISTANT, TEMPERED GLASS LENS, PHOTOCCELL, SINGLE FUSE, DARK BRONZE FINISH
G1	LITHONIA	W-232-DO	120	64	2	F32T8/TL830	THD<10% PRS	FLUORESCENT WALL BRACKET, ONE-PIECE EXTRUDED ALUMINUM HOUSING, WHITE FINISH, DOWN LIGHT ONLY, INTEGRAL SWITCH, ACRYLIC PRISMATIC LENS FOR DOWNLIGHT SINGLE FUSE,
G2	LITHONIA	W-232-A12U	120	64	2	F32T8/TL830	THD<10% PRS	SIMILAR TO TYPE "G1" EXCEPT WITH UP & DOWN LIGHT, NO INTEGRAL SWITCH,
H	GOTHAM	EVO 30-10-6-DFR	120	22	1	1000 LUMEN 3000 DEG K LED LIGHT ENGINE	DRIVER	6" LED DOWNLIGHT, NON CONDUCTIVE SHOWER LIGHT, IMPACT MODIFIED ACRYLIC FACE PLATE, WHITE PAINTED FLANGE 16 GAUGE GALVANIZED STEEL CONSTRUCTION.
J	HYDREL	M9810	120	84	1	LED ARRAY	DRIVER	INJECTION MOLDED POLYMER CYLINDER WITH INTEGRAL JUNCTION BOX FOR WIRING. CAST ROUND DOOR WITH STAINLESS STEEL CAPTIVE FASTENERS, SEALED & PURGED LAMP MODULE WITH SILICON GASKET
X	LITHONIA	LE-S-R	120	2	1	RED LED ARRAY	N/A	SOLID DIE CAST ALUMINUM HOUSING WITH MATTE BLACK FINISH, BRUSHED ALUMINUM STENCIL FACE, ARROWS AS INDICATED ON DRAWINGS.



NOTES:
1. ALL SOURCES SHALL HAVE 3000K COLOR TEMPERATURE, UON.

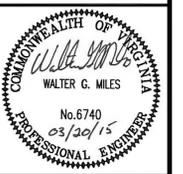
* => CATALOG NUMBERS ARE NOT COMPLETE. SEE VOLTAGE, BALLAST AND DESCRIPTION COLUMNS AS WELL AS SPECIFICATION SECTIONS 265100, 265110, 265120 AND 265130 FOR ADDITIONAL FEATURES.

** => FLUORESCENT LAMP CATALOG NUMBERS ARE THOSE OF THE PHILLIPS LIGHTING COMPANY.



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**INTERIOR RENOVATIONS TO
MILLER PARK FIRE STATION NO. 6**
 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170

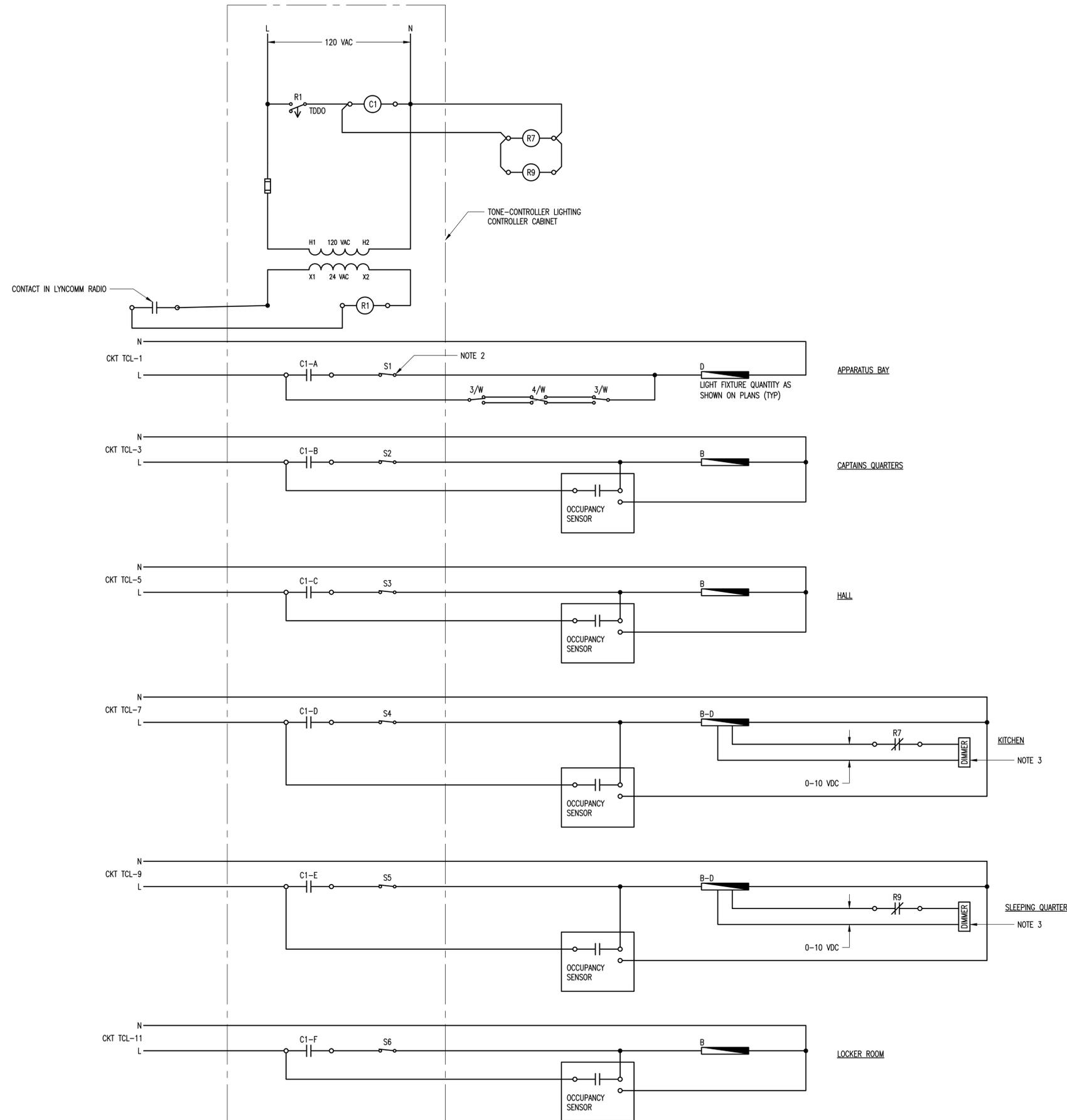


WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED:
DRAWN: JHR
CHECKED: WGM
DATE: 2015-03-20
REVISIONS:

LIGHTING FIXTURE SCHEDULE

MASTER ENGINEERS & DESIGNERS
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NOTES (DRAWING E1.4)

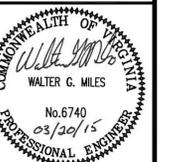
1. SEQUENCE OF OPERATION: WHEN THE CONTACT IN THE LYNCOMM RADIO MOMENTARILY CLOSES, RELAYS R7 AND R9 AND TIME DELAY RELAY R1 PULL IN IMMEDIATELY, AND CONTACTOR C1 CLOSES ENERGIZING THE LIGHTS REGARDLESS OF THE STATUS OF THE WALL SWITCHES AND OCCUPANCY SENSORS. IN THE CASE OF FIXTURES CONTROLLED BY DIMMERS, THE CONTACTS ON RELAYS R7 AND R9 OPEN CAUSING THE ASSOCIATED FIXTURES TO BE BROUGHT UP TO FULL BRIGHTNESS. AFTER A PERIOD OF SEVERAL MINUTES, TIME DELAY DROP OUT RELAY R1 DROPS OUT RELEASING CONTACTOR C1, R7 AND R9 RETURNING THE FIXTURES TO THEIR PREVIOUS ON / OFF STATE AND LEVEL OF BRIGHTNESS.
2. REMOVE THE FOUR TOGGLE SWITCHES PRESENTLY IN THE CABINET. INSTALL SIX TOGGLE SWITCHES HAVING A RATING OF 20 AMPERES, 120 VOLTS.
3. THESE TWO DIMMERS SHALL NOT HAVE INTEGRAL "OFF" POSITIONS.



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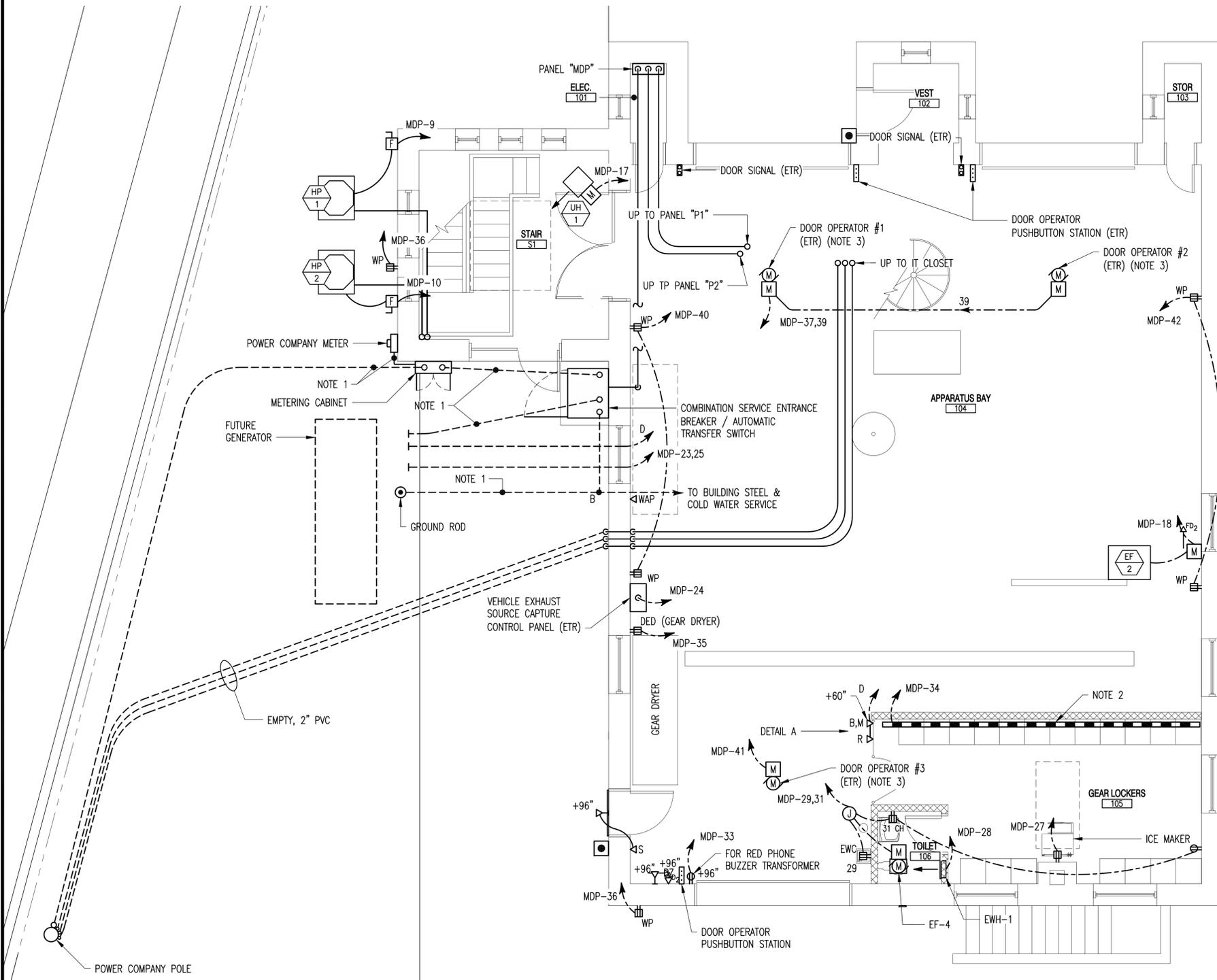
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TONE-CONTROLLED LIGHTING SYSTEM WIRING DIAGRAM



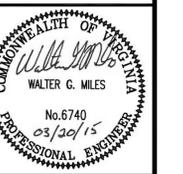
NOTES (DRAWING E2.0)

1. FOR CONDUIT TYPE, SIZE, QUANTITY AND FILL, SEE ONE LINE DIAGRAM.
2. PLUGMOLD ABOVE LOCKERS SHALL BE WIREMOLD SERIES V2400, GREY, WITH 120 VOLT, 1-PHASE, 3-WIRE CONFIGURATION AND OUTLETS 12" ON CENTER.
3. OVERHEAD DOOR OPERATORS ARE 120/240 VOLT, 8.0/4.0 AMPS. RECONNECT. VERIFY SUPPLY VOLTAGE BEFORE RECONNECTING. MOTOR STARTER NOT ETR.



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INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6
 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



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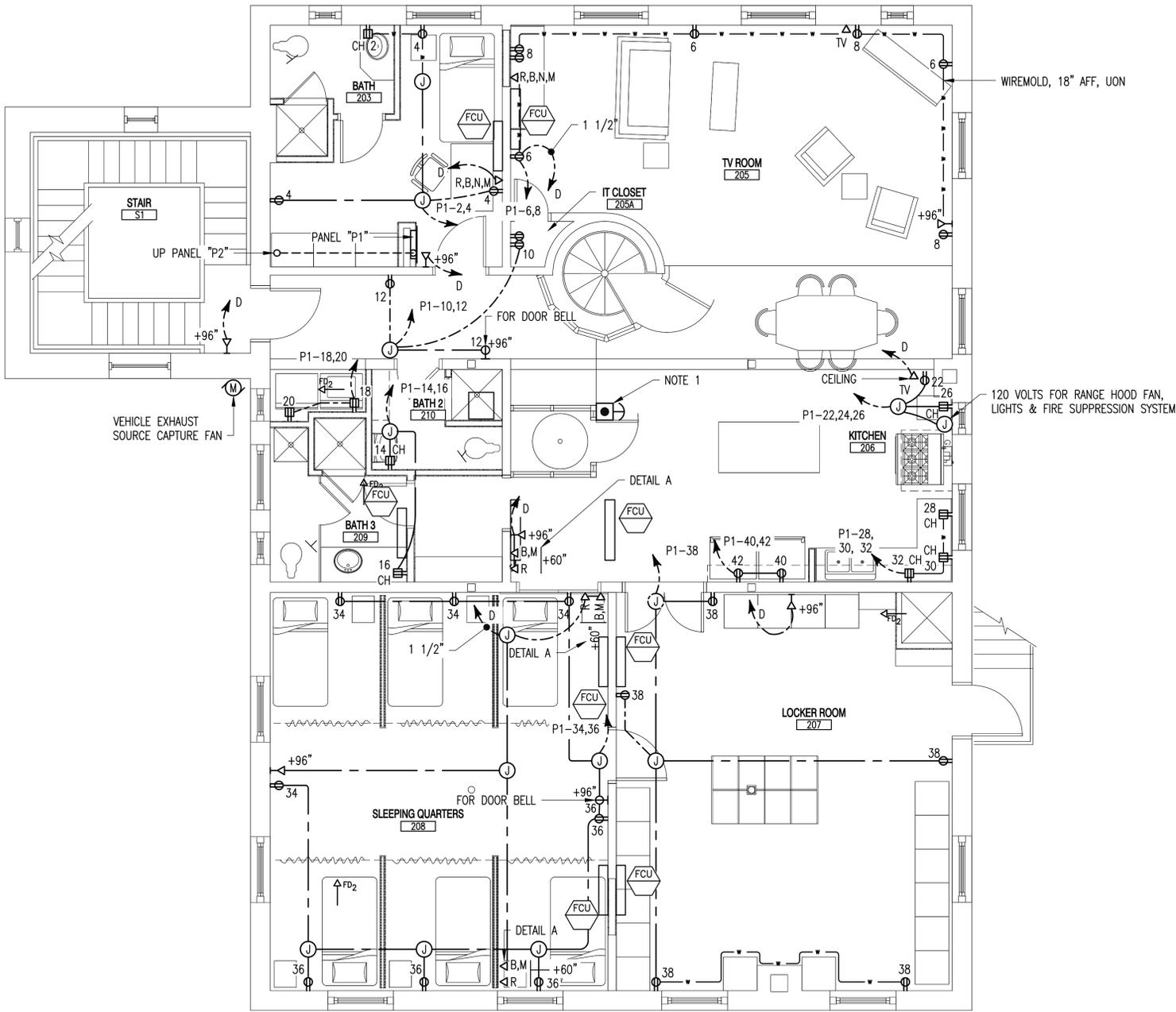
FIRST FLOOR
 POWER &
 COMMUNICATION

7 OF 12
E2.0

FIRST FLOOR PLAN - POWER & COMMUNICATION
 SCALE: 1/4" = 1'-0"

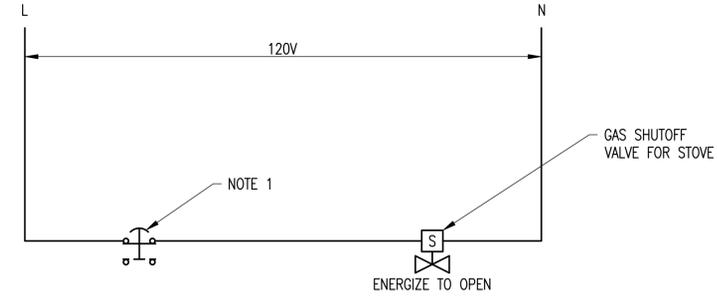


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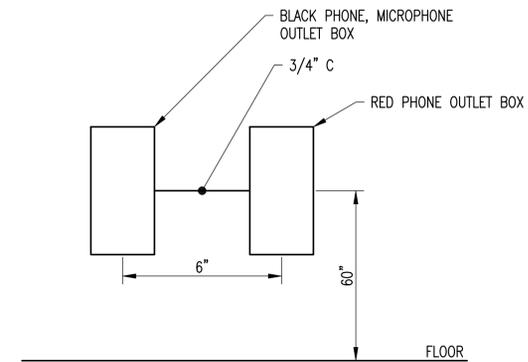
NOTES (DRAWING E2.1)

1. GAS SHUTOFF BUTTON FOR STOVE. INTERLOCK WITH STOVE HOOD FIRE SUPPRESSION SYSTEM.
2. NUMBERS BESIDE RECEPTACLES INDICATE CIRCUIT NUMBERS, AS FED FROM PANEL "P1," UNLESS OTHERWISE NOTED.
3. FEED FCU'S FROM CIRCUIT P1-15.



STOVE GAS SHUTOFF VALVE WIRING DIAGRAM

SCALE: NONE



DETAIL A

SCALE: NONE



SECOND FLOOR PLAN - POWER & COMMUNICATION

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



MASTER

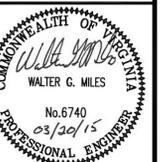
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INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6

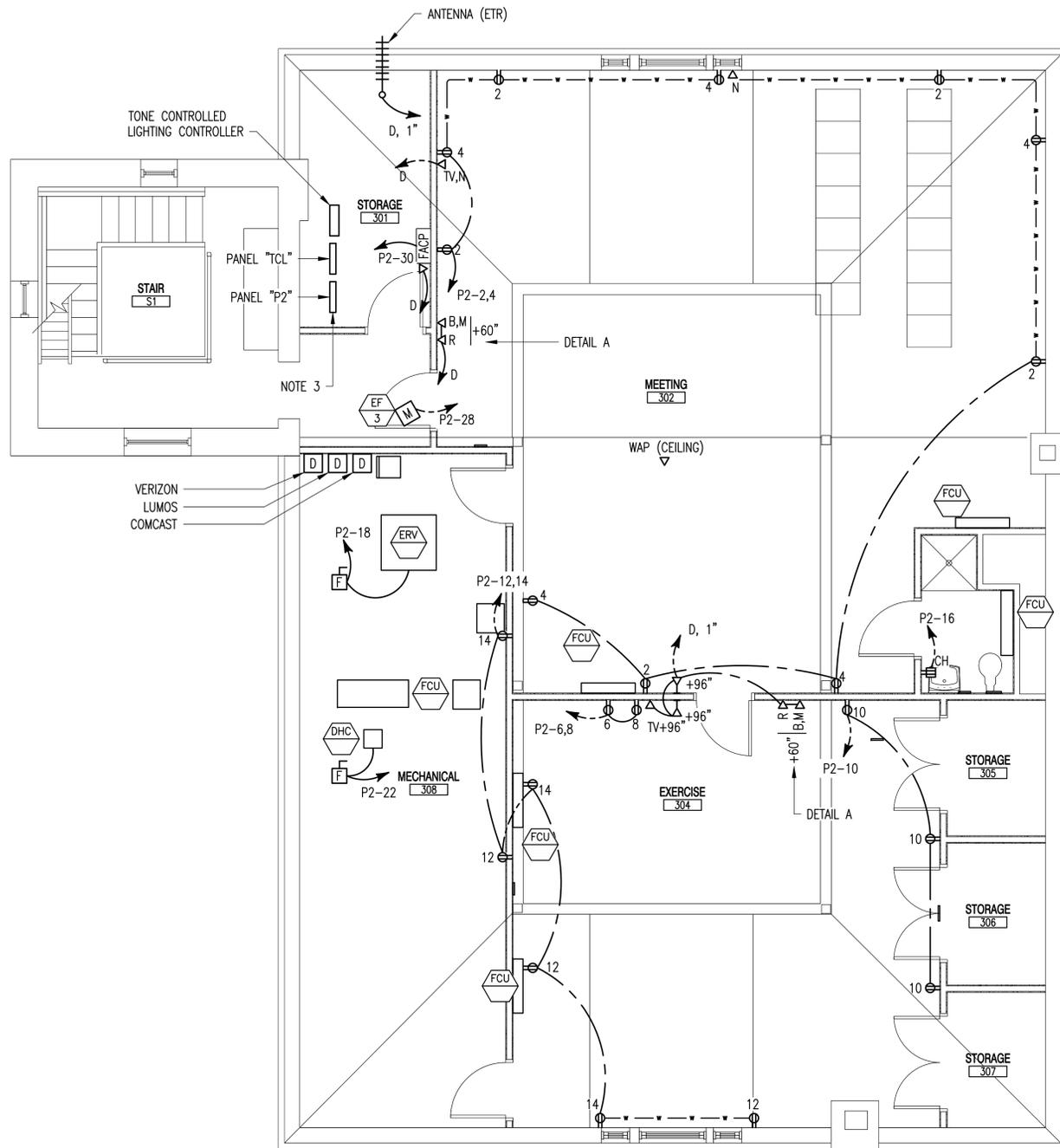
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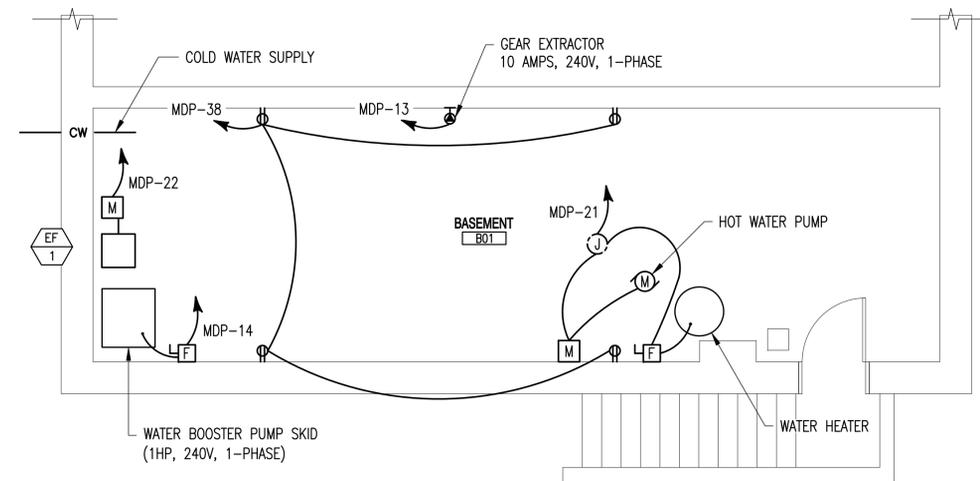
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DATE: 2015-03-20
REVISIONS:

SECOND FLOOR
POWER & COMMUNICATION



NOTES (DRAWING E2.2)

1. NUMBERS BESIDE RECEPTACLES INDICATE CIRCUIT NUMBERS, AS FED FROM PANEL "P2," UNLESS OTHERWISE NOTED.
2. FEED FCU'S FROM CIRCUIT P2-26.
3. INSTALL PANELS ON KINDORF CHANNEL SPANNING FROM FLOOR TO ROOF STRUCTURE.



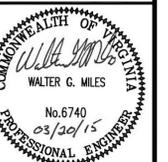
THIRD FLOOR PLAN - POWER & COMMUNICATION
 SCALE: 1/4"=1'-0"
 NORTH

BASEMENT FLOOR PLAN - POWER
 SCALE: 1/4"=1'-0"
 NORTH



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INTERIOR RENOVATIONS TO
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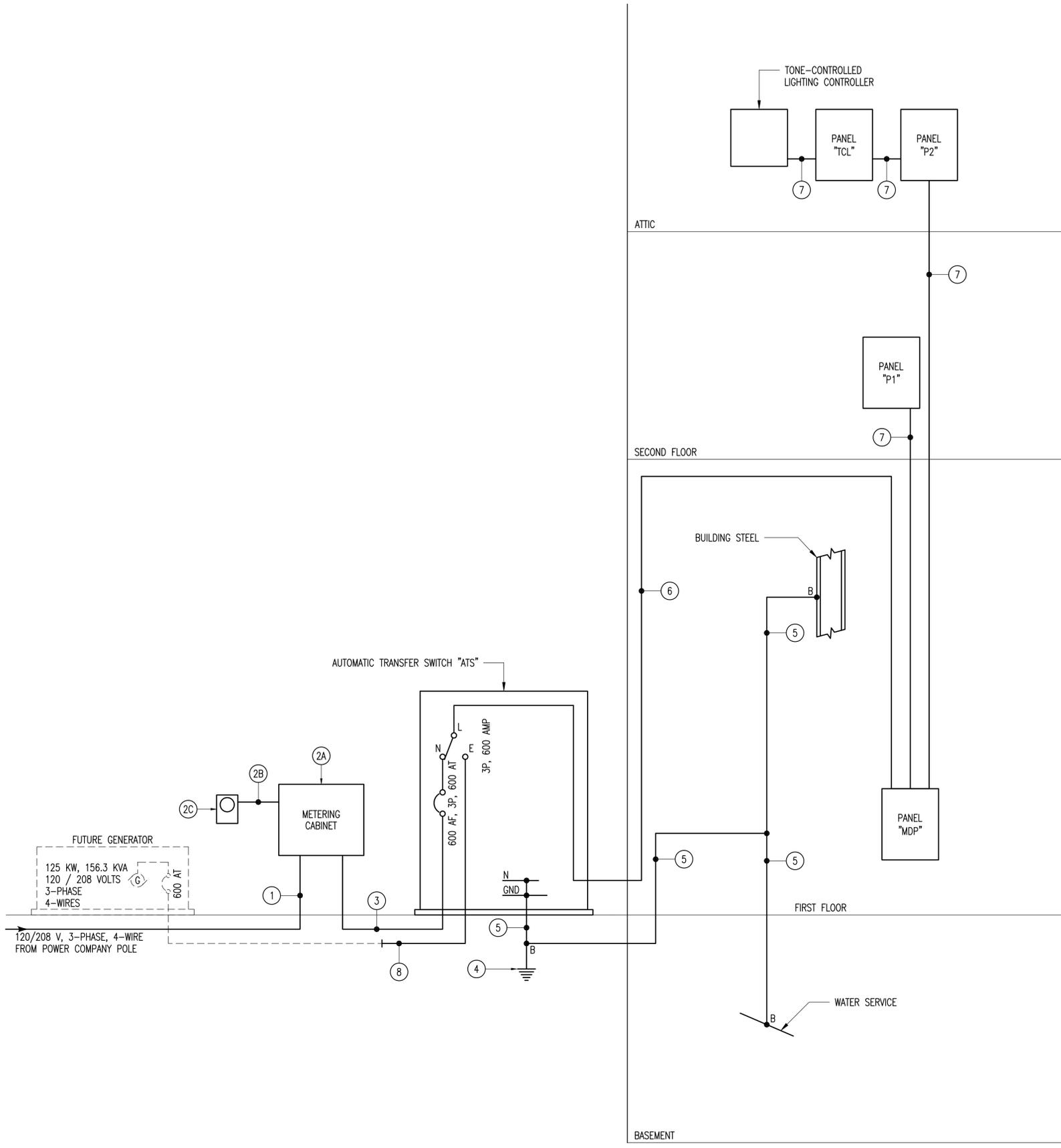
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BASEMENT & THIRD FLOOR POWER & COMMUNICATION

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ONE LINE DIAGRAM KEY

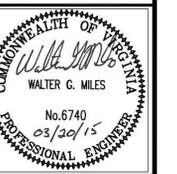
- ① THREE EMPTY, 4" PVC
- ②A METERING CABINET, 36" X 36" X 10"
- ②B EMPTY 1 1/4" RSC
- ②C POWER COMPANY METER BASE
- ③ 2 (4 #350 KCML - 3" RSC)
- ④ GROUND ROD
- ⑤ 1 #1/0 BCSD GEC - 1" PVC
- ⑥ 2 (4 # 350 KCML & 1 # 1/0 EGC - 3 1/2" EMT)
- ⑦ FOR CONDUIT TYPE, SIZE, QUANTITY & FILL, SEE ASSOCIATED PANEL SCHEDULE.
- ⑧ TWO, EMPTY 3 1/2" PVC



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DESIGNED:
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DATE: 2015-03-20
REVISIONS:



ONE LINE DIAGRAM

PANEL "MDP" SCHEDULE

PANELBOARD CHARACTERISTICS:
 VOLTS: 120/208
 PHASES: 3
 WIRES: 4

SOLID NEUTRAL
 GROUND BAR
 MINIMUM SHORT CIRCUIT RATING: 65,000 RMS SYM AMPS

SURGE PROTECTIVE DEVICE
 MAIN LUGS: 600 AMPERES

CKT. NO.	POLE NO.	DESCRIPTION	CONN. KVA	CONN. AMPS			BREAKER			NO. & WIRE SIZE			CONDUIT SIZE	
				A	B	C	P	AF	AT	LINE	NEUT.	EGC		
3	1	PANEL "P1"	28.34	81.4			3	100	100	#2	#2	#8	1 1/2"	
	3				77.7									
	5					77.1								
9	7	HEAT PUMP "HP-1"	7.56	21.0			3	100	40	#8	---	#8	1"	
	9				21.0									
	11					21.0								
13	13	GEAR EXTRACTOR	2.40	10.0			2	100	20	#12	---	#12	3/4"	
17	15	UNIT HEATER "UH-1"	9.90			10.0	2	100	60	#12	---	#10	1"	
	17					47.6								
	19													
21	21	WATER HEATER & CIRC PUMP	0.24		2.0	1	100	15	2/C #12 W / EGC - MC *					
23	23	GENERATOR BATTERY CHARGER	0.60		5.0	1	100	20	2/C #12 W / EGC - MC *					
25	25	GENERATOR COOLANT HEATER	1.96	16.0			1	100	20					
27	27	REC: 105, ICE MAKER	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
29	29	REC: 104, EWC	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
31	31	REC: 104, 105 & EF-4	1.20	10.0			1	100	20	2/C #12 W / EGC - MC *				
33	33	REC: RED PHONE BUZZER XFMR	0.12		0.1	1	100	20	2/C #12 W / EGC - MC *					
35	35	REC: GEAR DRYER	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
37	37	DOOR OPERATOR #1	0.96	8.0			1	100	20	4/C #12 W / EGC - MC *				
39	39	DOOR OPERATOR #2	0.96		8.0		1	100	20					
41	41	DOOR OPERATOR #3	0.96		8.0		1	100	20	2/C #12 W / EGC - MC *				
4	2	PANEL "P2"	22.80	59.4			3	100	100	#2	#2	#8	1 1/2"	
	4				72.8									
	6					69.3								
10	8	HEAT PUMP "HP-2"	7.56	21.0			3	100	40	#8	---	#8	1"	
	10				21.0									
	12					21.0								
14	14	FIRE WATER BOOSTER PUMP (1/2 HP)	1.17	5.6			2	100	20	#12	---	#12	3/4"	
16	16			5.6										
	18	18	EXHAUST FAN "EF-2"	2.40		11.5	2	100	30	#12	---	#12	3/4"	
20	20			11.5										
	22	22	EXHAUST FAN "EF-1" (1/6 HP)	0.50		4.2	1	100	15	2/C #12 W / EGC - MC *				
24	24	VEHICLE SOURCE CAPTURE (3 HP)	3.92		18.8	2	100	40	#10	---	#12	3/4"		
26	26			18.8										
	28	28	EW-1	0.75		10.2	1	100	20	2/C #12 W / EGC - MC *				
30	30	LIGHTS: B01	0.16		1.3	1	100	20	2/C #12 W / EGC - MC *					
32	32	LIGHT: FLAGPOLE	0.12	1.0			1	100	20	#12	#12	#12	3/4"	
34	34	PLUGMOLD: 105	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
36	36	REC: EXTERIOR	1.20		1.0	1	100	20	2/C #12 W / EGC - MC *					
38	38	REC: B01	1.20	10.0			1	100	20	2/C #12 W / EGC - MC *				
40	40	REC: 104 WEST	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
42	42	REC: 104 EAST	1.20		10.0	1	100	20	2/C #12 W / EGC - MC *					
TOTALS			104.18	321.4	262.6	311.8								

* => RUN IN EMT WHERE EXPOSED ON MASONRY WALLS

PANEL "P2" SCHEDULE

PANELBOARD CHARACTERISTICS:
 VOLTS: 120/208
 PHASES: 3
 WIRES: 4

SOLID NEUTRAL
 GROUND BAR
 MINIMUM SHORT CIRCUIT RATING: 22,000 RMS SYM AMPS

MAIN LUGS: 100 AMPERES

CKT. NO.	POLE NO.	DESCRIPTION	CONN. KVA	CONN. AMPS			BREAKER			NO. & WIRE SIZE			CONDUIT SIZE
				A	B	C	P	AF	AT	LINE	NEUT.	EGC	
1	1	LIGHTS: BATHROOM & 301, 305-307	0.28	2.3			1	100	20	4/C #12 W / EGC - MC			
3	3	LIGHTS: 302, 304	0.97		8.1		1	100	20				
5	5	LIGHTS: 308	0.16			1.3	1	100	20	2/C #12 W / EGC - MC			
7	7	SPARE					1	100	20				
9	9	SPARE					1	100	20				
11	11	SPARE					1	100	20				
13	13	SPARE					1	100	20				
15	15	SPARE					1	100	20				
17	17	SPARE					1	100	20				
19	19	SPARE					1	100	20				
21	21	SPARE					1	100	20				
23	23	SPARE					1	100	20				
25	25	PANEL "TCL"	2.03	11.1			2*	100	20	#12	#12	#12	3/4"
27	27				5.9								
29	29												
2	2	REC: MEETING 302	1.20	10.0			1	100	20	4/C #12 W / EGC - MC			
4	4	REC: MEETING 302	1.20		10.0		1	100	20				
6	6	REC: EXERCISE 304	1.20			10.0	1	100	20	4/C #12 W / EGC - MC			
8	8	REC: EXERCISE 304	1.20	10.0			1	100	20				
10	10	REC: EXERCISE 304	1.20		10.0		1	100	20	2/C #12 W / EGC - MC			
12	12	REC: 304, 308	1.20			10.0	1	100	20	4/C #12 W / EGC - MC			
14	14	REC: 304, 308	1.20	10.0			1	100	20				
16	16	REC: BATHROOM	1.20		10.0		1	100	20	2/C #12 W / EGC - MC			
18	18	ERV-1 (2 @ 1 HP)	2.95			14.2	2	100	20	4/C #12 W / EGC - MC			
20	20			14.2									
	22	22	DHC-1	6.00		28.8	2	100	40	#8	---	#10	3/4"
24	24				28.8								
26	26	FAN COIL UNITS	0.22	1.8			1	100	20	2/C #12 W / EGC - MC			
28	28	SPARE					1	100	20				
30	30	FIRE ALARM CONTROL PANEL	0.60			5.0	1	100	20	#12	#12	#12	3/4"
TOTALS			22.80	59.4	72.8	69.3							

*=> HANDLE LOCKING DEVICE

LOAD SUMMARY

CONNECTED KVA BY LOAD TYPE							AVERAGE PHASE AMPS (CONNECTED)
LIGHTS	RECEPTACLES	SPACE HEATING	SPACE COOLING	VENTILATION	WATER HEATING	TOTAL KVA	
6.64	54.91	31.46	0.00	9.77	1.41	104.18	289.40

DEMAND KVA BY LOAD TYPE							AVERAGE PHASE AMPS (DEMAND)
LIGHTS	RECEPTACLES	SPACE HEATING	SPACE COOLING	VENTILATION	WATER HEATING	TOTAL KVA	
6.64	32.46	31.46	0.00	9.77	1.41	81.73	227.03

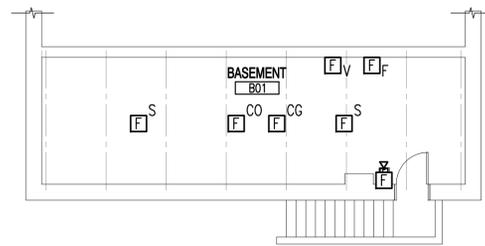
PANEL "P1" SCHEDULE

PANELBOARD CHARACTERISTICS:
 VOLTS: 120/208
 PHASES: 3
 WIRES: 4

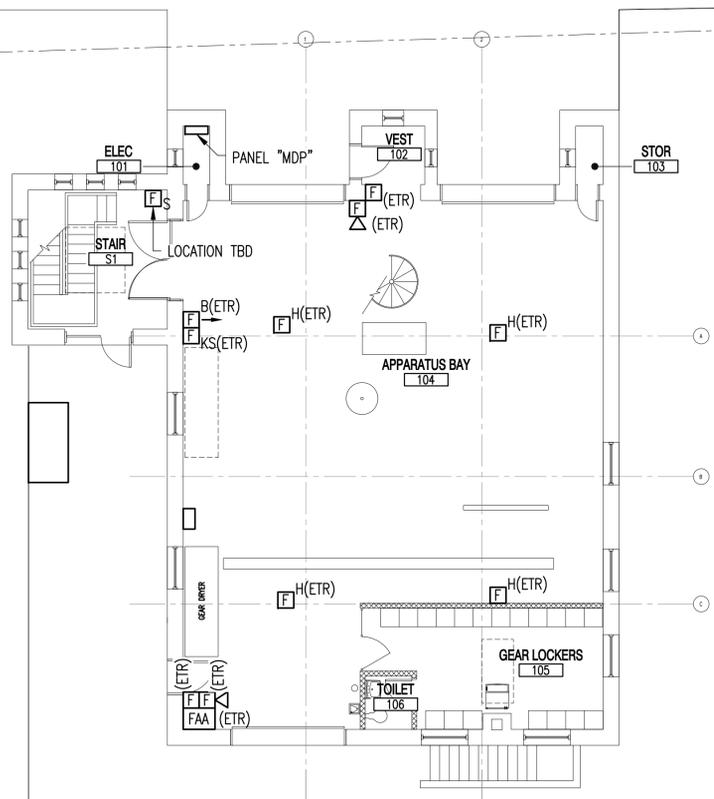
SOLID NEUTRAL
 GROUND BAR
 MINIMUM SHORT CIRCUIT RATING: 65,000 RMS SYM AMPS

MAIN LUGS: 100 AMPERES

POLE NO.	DESCRIPTION	CONN. KVA	CONN. AMPS			BREAKER			NO. & WIRE SIZE			CONDUIT SIZE
			A	B	C	P	AF	AT	LINE	NEUT.	EGC	
1	LIGHTS: EXITS	0.12	1.0			1	100	20	2/C #12 W / EGC - MC *			
3	LIGHTS: STAIR 1	0.10		0.8		1	100	20	#12	#12	#12	3/4"
5	LIGHTS: 101, 103, 106	0.14			1.2	1	100	20	2/C #12 W / EGC - MC			
7	LIGHTS: 202, 203, 205	0.60	5.0			1	100	20	2/C #12 W / EGC - MC			
9	LIGHTS: 209, 210	0.60		5.0		1	100	20	2/C #12 W / EGC - MC			
11	LIGHTS: EXTERIOR, EAST	0.71			6.0	1	100	20	2/C #12 W / EGC - MC *			
13	LIGHTS: EXTERIOR, WEST	0.65	5.4			1	100	20	2/C #12 W / EGC - MC *			
15	FAN COIL UNITS	0.22		1.8		1	100	20	2/C #12 W / EGC - MC *			
17	SPARE					1	100	20				
19	SPARE					1	100	20				
21	SPARE					1	100	20				
23	SPARE					1	100	20				
25	SPARE					1	100	20				
27	SPARE					1	100	20				
29	SPARE					1	100	20				
31	SPARE					1	100	20				
33	SPARE					1	100	20				
35	SPARE					1	100	20				
37	SPARE					1	100	20				
39	SPARE					1	100	20				
41	SPARE					1	100	20				
2	REC: BATH 203	1.20	10.0			1	AFCI	100	20	4/C #12 W / EGC - MC		
4	REC: CAPT. QUARTERS 202	1.20		10.0		1	AFCI	100	20			
6	REC: TV ROOM 205	1.20			10.0	1	AFCI	100	20	4/C #12 W / EGC - MC		
8	REC: TV ROOM 205	1.20	10.0			1	AFCI	100	20			
10	REC: IT CLOSET 205A	1.20		10.0		1	AFCI	100	20	4/C #12 W / EGC - MC		
12	REC: HALLWAY 201	1.20			10.0	1	AFCI	100	20			
14	REC: BATH 2 210	1.20	10.0			1	AFCI	100	20	4/C #12 W / EGC - MC		
16	REC: BATH 3 209	1.20		10.0		1	AFCI	100	20			
18												



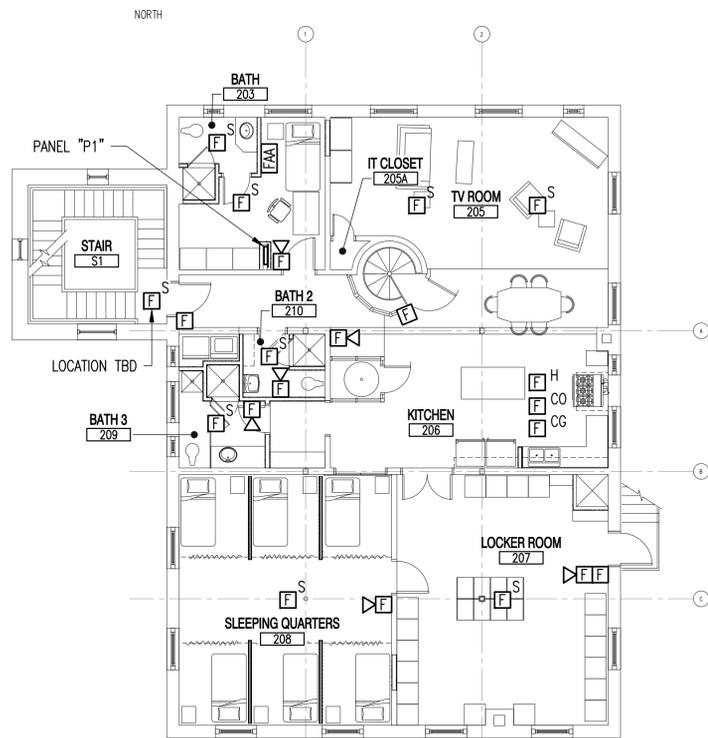
BASEMENT FLOOR PLAN - FDAS
SCALE: 1/8"=1'-0"



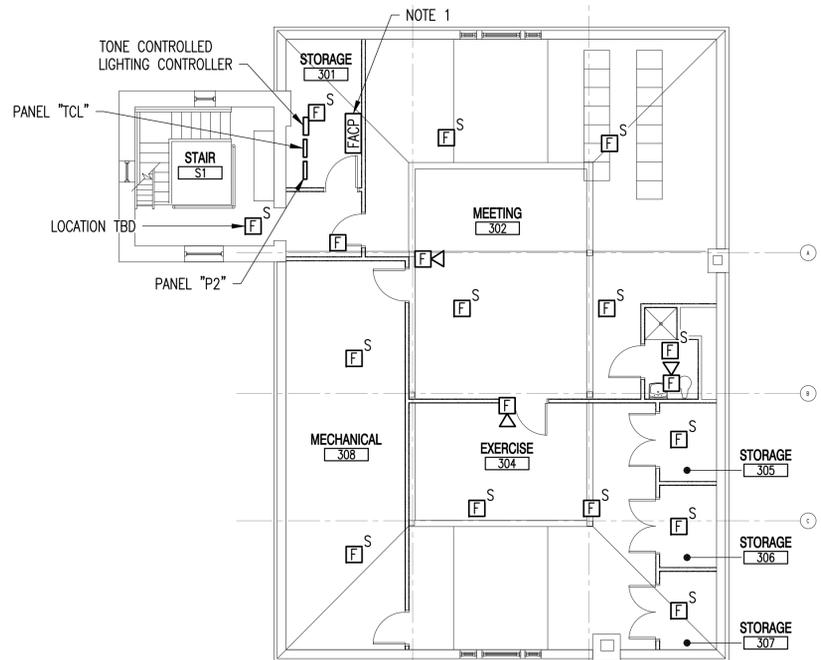
FIRST FLOOR PLAN - FDAS
SCALE: 1/8"=1'-0"

NOTES (DRAWING E4.0)

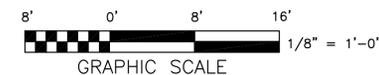
1. THE FACP IS FIRE-LITES MS-9000 UDLS ADDRESSABLE. IT MAY BE RELOCATED AND REUSED IF IT HAS THE CAPACITY OF SERVING THE RENOVATED SYSTEM. IF PANEL DOES NOT HAVE SUFFICIENT CAPACITY, UPGRADE OR REPLACE IT.
2. EXISTING FACP AND FDAS DEVICES MAY BE REUSED. RELOCATE AND REWIRE. PROVIDE ADDITIONAL DEVICES AS NECESSARY.
3. AT CONTRACTORS OPTION, A WHOLE NEW FDAS MAY BE INSTALLED.



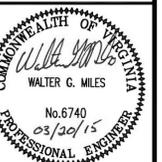
SECOND FLOOR PLAN - FDAS
SCALE: 1/8"=1'-0"



THIRD FLOOR PLAN - FDAS
SCALE: 1/8"=1'-0"



**INTERIOR RENOVATIONS TO
MILLER PARK FIRE STATION NO. 6**
LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



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DESIGNED: WGM/MGB
DRAWN: JHR/MGB
CHECKED: WGM
DATE: 2015-03-20
REVISIONS:

**BASEMENT,
FIRST, SECOND
& THIRD FLOORS
FDAS**

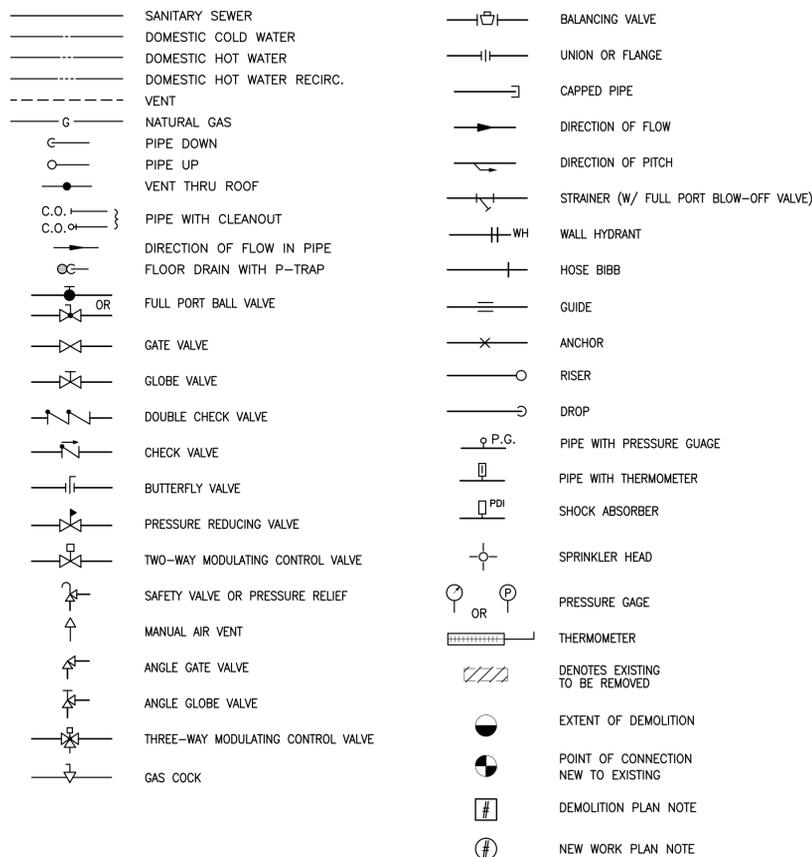
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PLUMBING LEGEND

PIPING



ABBREVIATIONS

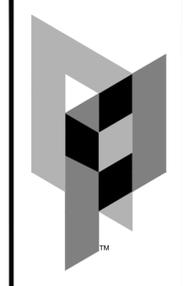
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AD	ACCESS DOOR
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG.	CEILING
CLG. CAB	CEILING CABINET (FAN TYPE)
C.O.	CLEANOUT
CS	CIRCUIT SETTER
CV	CHECK VALVE
CW	DOMESTIC COLD WATER
DN	DOWN
EWC	ELECTRIC WATER COOLER
EWK	ELECTRIC WATER HEATER
FD	FLOOR DRAIN
FR	FROM
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	HORSEPOWER
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
LPG	LIQUIFIED PETROLEUM GAS
LVG.	LEAVING
MAX.	MAXIMUM
MFR.	MANUFACTURER
MIN.	MINIMUM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OPG	OPENING
PDI	PLUMBING & DRAINAGE INSTITUTE
SS	SANITARY SEWER
TYP.	TYPICAL
V	VENT
VRV	VACUUM RELIEF VALVE
VTR	VENT THRU ROOF
W	SANITARY WASTE
WH	WALL HYDRANT
WW	WELL WATER

GENERAL NOTES

- GENERAL PROVISIONS**
- INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE UNIFORM STATEWIDE BUILDING CODE, INCLUDING REFERENCED CODES AND STANDARDS AND IN ACCORDANCE WITH MANDATES OF THE LOCAL BUILDING OFFICIALS.
 - THE GENERAL ARRANGEMENT AND LOCATIONS OF PIPING, FIXTURES, ETC., ARE INDICATED BY THE DRAWINGS AND SHALL BE INSTALLED IN ACCORDANCE THEREWITH, WITH THE EXCEPTION OF SUCH CHANGES AS MAY BE REQUIRED ON ACCOUNT OF OTHER TRADES. CONTRACTOR SHALL COORDINATE WORK WITH INSTALLATION OF OTHER SUBCONTRACTORS.
 - PLUMBING WORK SHALL BE COORDINATED WITH THE CONTRACTOR AS TO SCHEDULING, DIMENSIONING AND LOCATION OF EQUIPMENT.
 - MAJOR ITEMS ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INCIDENTAL ITEMS REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
 - TRADE NAMES AND CATALOG NUMBERS SHALL BE INTERPRETED AS ESTABLISHING A GENERAL DESIGN AND STANDARD OF QUALITY AND SHALL NOT BE CONSTRUED AS LIMITING COMPETITION. UNLESS STATED OTHERWISE, THE CONTRACTOR MAY USE ANY ARTICLE WHICH, IN HIS JUDGMENT AND WITH WRITTEN COMMENT FROM THE ARCHITECT/ENGINEER INDICATING NO OBJECTION, IS EQUAL OR SUPERIOR TO THAT SPECIFIED. DRAWINGS SHOWING CHANGES OR REVISIONS REQUIRED BY THE SUBSTITUTION FOR SPECIFIED ITEMS SHALL BE BORNE BY THE CONTRACTOR.
 - ALL REQUIRED WALL OR FLOOR OPENINGS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER AND THE CONTRACTOR.
 - ALL PIPING SHALL BE ABOVE CEILING UNLESS INDICATED OTHERWISE.
 - ALL EQUIPMENT SHALL BE WIPED CLEAN, REMOVING ALL TRACES OF OIL, DIRT OR PAINT SPOTS.
 - PROVIDE SUPPORTS TO RIGIDLY ATTACH ALL EQUIPMENT, APPURTENANCES AND PIPE AS REQUIRED FOR SUPPORT PRIOR TO INSTALLATION OF HANGERS AND INSERTS. THE CONTRACTOR SHALL COORDINATE LOCATIONS AND EQUIPMENT TO MINIMIZE CONFLICTS WITH OTHER BUILDING SYSTEMS.
 - CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT INDICATED TO BE FURNISHED BY OTHERS.
 - ALL PIPE OF THE SAME SIZE SHALL BE OF THE SAME MATERIAL.
 - SLOPE ALL DRAIN LINES 1/4 INCH PER FOOT MINIMUM UNLESS NOTED OTHERWISE.
 - SOIL, WASTE AND VENT PIPING LOCATED BELOW GRADE SHALL BE MINIMUM 2 INCHES.
 - VENTS SHALL EXTEND 12 INCHES ABOVE THE ROOF. ROOF FLASHING SHALL BE COORDINATED BY THE CONTRACTOR.
 - DOMESTIC HOT AND COLD WATER PIPING SHALL BE TYPE "L" COPPER TUBING.
 - PROVIDE FLOOR DRAINS OF SIZE AND TYPE AS INDICATED ON DRAWINGS. ALL DRAINS CONNECTING TO SANITARY SEWER SYSTEM SHALL BE FURNISHED WITH P-TRAP. DRAINS SHALL HAVE OUTLET COMPATIBLE WITH PIPING SYSTEM TO WHICH IT IS CONNECTED. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.
 - BALL VALVES MAY BE USED IN LIEU OF GATE VALVES 2 INCHES OR SMALLER.
 - ALL EXPOSED FIXTURE SUPPLIES AND WASTE LINES SHALL BE CHROME PLATED.
 - PLUMBING FIXTURES SHALL BE POSITIVELY VENTED AND TRAPPED IN ACCORDANCE WITH THE UNIFORM STATEWIDE BUILDING CODE. LOCATION OF VENT SHALL NOT EXCEED MAXIMUM DISTANCES TO TRAP AS ESTABLISHED WITHIN THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
 - COORDINATE ALL PENETRATIONS OF EXTERIOR WALL WITH OTHER TRADES.
 - PROVIDE PIPE SLEEVES THROUGH WALL AND FLOOR PENETRATIONS.

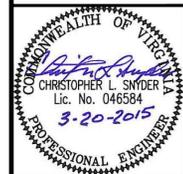
MARK	DESCRIPTION
BP-1	DUPLEX BOOSTER PUMP - SEE SPECIFICATIONS
DWH-1	DOMESTIC WATER HEATER - A.O. SMITH MODEL BTXL-100 COMMERCIAL GAS WATER HEATER, 100,000 BTU/HR INPUT, 116 GPH AT 100°F RISE
ET-1	EXPANSION TANK - AMTROL MODEL ST-12C WITH 3.2 GALLONS ACCEPTANCE VOLUME
FCO	FLOOR CLEANOUT - JOSAM 55000 SERIES
FD-1	3" JOSAM 32100 SERIES COATED CAST IRON DRAIN, TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, BOTTOM OUTLET TRAP PRIMER AND MEDIUM DUTY SUPER FLOW NICKLE BRONZE GRATE
HB-1	HOSE BIB - WATTS MODEL LFSC-3 WITH LFN8 VACUUM BREAKER
PDI-"X"	SHOCK ABSORBER, JOSAM SERIES 75000-S. ABSORBOTRON TYPE No. 75000-S 75001A 75001B 75001C 75001D P.D.I. AA A B C D FIXTURE UNIT RATING 1 1-11 12-32 33-60 61-113
RCP-1	RECIRCULATION PUMP - STAINLESS STEEL BODIED SYSTEM LUBRICATED CIRCULATOR. BELL & GOSSET MODEL SSF-9U/LW WITH 3/4" HALF UNION CONNECTIONS, 5.5 FT HEAD, 3.0 GPM, 41 WATTS, 1 1/2" 115V, 2800 RPM.
RPZ-1	2" REDUCED PRESSURE ZONE ASSEMBLY - ZURN/WILKINS MODEL 975XL. PROVIDE WITH AIR GAP, QUARTER-TURN BALL VALVES, AND STRAINER.
TMV-1	THERMOSTATIC MIXING VALVE - LEONARD MODEL TM-26-LF-E-RF WITH 3/4" INLETS AND OUTLET
TMV-2	THERMOSTATIC MIXING VALVE - LEONARD MODEL TM-420A-LF-DT WITH 3/4" INLETS AND 1" OUTLET
TPV	TRAP PRIMER VALVE - PRECISION PLUMBING PRODUCTS PR-500 WITH 1/2" COPPER LINE.
WCO	WALL CLEANOUT - JOSAM 58600-CO SERIES
WH	FREEZELESS WALL HYDRANT - WOODFORD MODEL B65

DESIG	FIXTURE	MANUFACT. & MODEL	SIZE	SUPPLY FITTINGS AND STOPS	TRAP	CARRIER	REMARKS & ACCESSORIES	CONNECTION SIZES		
								WASTE	HOT	COLD
P-1	WATER CLOSET	AMERICAN STANDARD 2234.001	STD	-	INTEGRAL	FLOOR MOUNTED	SEAT: AMERICAN STANDARD MODEL 5901.100 FLUSH VALVE: SLOAN ROYAL MODEL 111	4"	-	1"
P-2	LAVATORY	AMERICAN STANDARD 0355.012	20 1/2"x18 1/4"	3/8" ANGLE STOPS	1 1/4" 17GA P-TRAP	WALL MOUNTED	FAUCET: MOEN MODEL 8420 WITH METAL POP-UP DRAIN ASSEMBLY	1 1/4"	1/2"	1/2"
P-3	LAVATORY	AMERICAN STANDARD 0419.444EC	21"x17 3/8"	3/8" ANGLE STOPS	1 1/4" 17GA P-TRAP	COUNTER MOUNTED	FAUCET: MOEN MODEL 8420 WITH METAL POP-UP DRAIN ASSEMBLY	1 1/4"	1/2"	1/2"
P-4	KITCHEN SINK	ELKAY LR3722	37"x22"	3/8" ANGLE STOPS	1 1/4" 17GA P-TRAP	COUNTER MOUNTED	FAUCET: MOEN MODEL 7430 WITH WITH SPRAY DRAIN FITTING: ELKAY MODEL LK35B	1 1/2"	1/2"	1/2"
P-5	SHOWER	FIAT 36-MFT	36"x36"	-	2" 17GA P-TRAP	COUNTER MOUNTED	FAUCET AND VALVE: MOEN MODEL 8325 SINGLE-HANDLE PRESSURE BALANCING VALVE	2"	1/2"	1/2"
P-6	WATER COOLER	ELKAY FD7003	12"x12"x38"	-	1 1/2" 17GA P-TRAP	FLOOR MOUNTED		1 1/2"	1/2"	1/2"
P-7	SERVICE SINK	FIAT TSB3000	24"x24"	-	2" 17GA P-TRAP	FLOOR MOUNTED	FAUCET: FIAT MODEL 830AA WITH MODEL 832AA HOSE AND HOSE BRACKET, STAINLESS STEEL MOP HANGER AND MODEL MSG WALL GUARDS	2"	1/2"	1/2"
P-8	HOSE FAUCET	-	-	-	-	WALL MOUNTED	FAUCET: FIAT MODEL 830AA	-	1/2"	1/2"
P-9	EYEWASH STATION	BRADLEY S192240B1EDADOR	-	-	1 1/4" 17GA P-TRAP	WALL MOUNTED	PROVIDE WITH BRADLEY MODEL S19-2000 EMERGENCY THERMOSTATIC MIXING VALVE	1 1/4"	1/2"	1/2"



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 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170

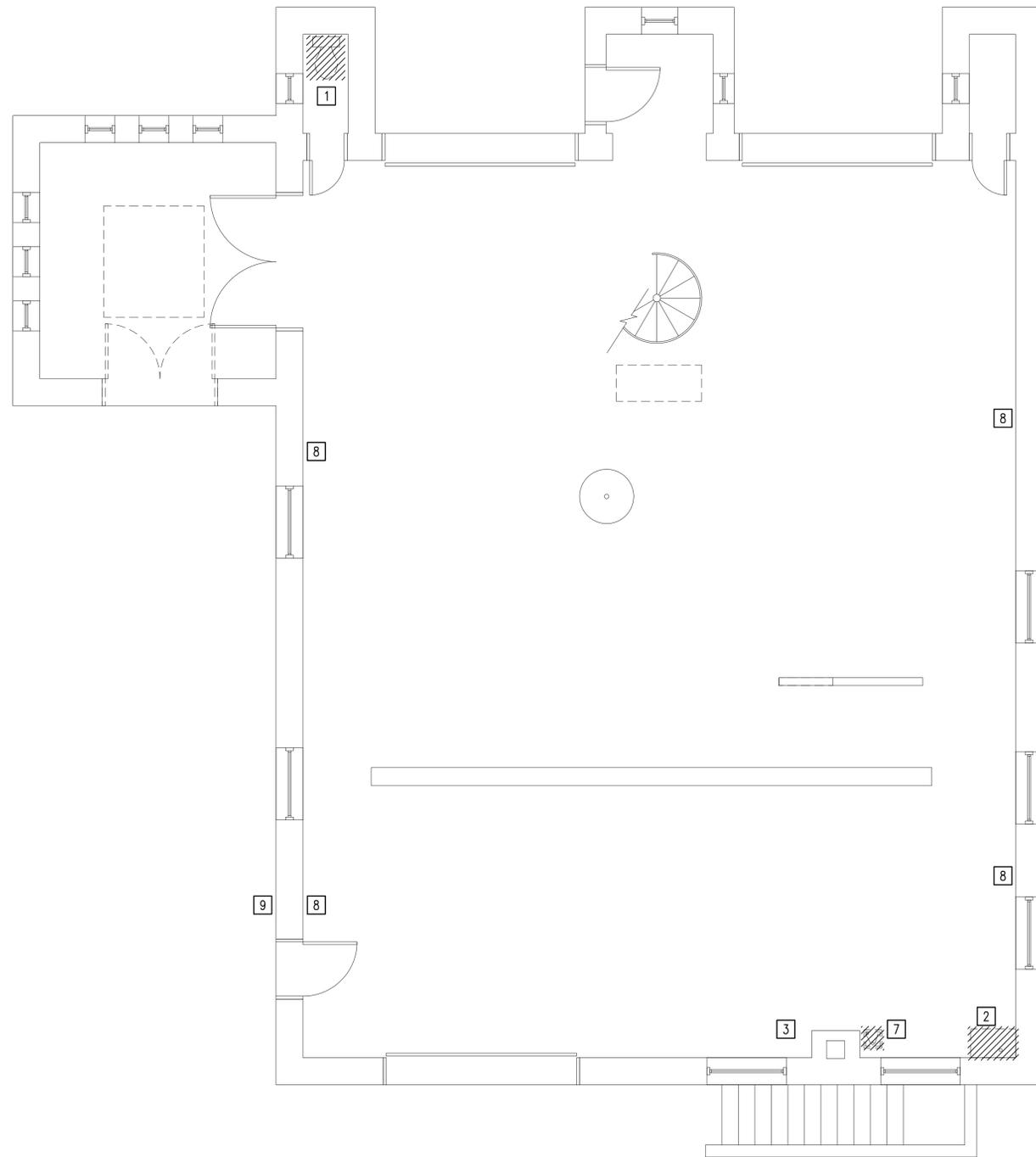


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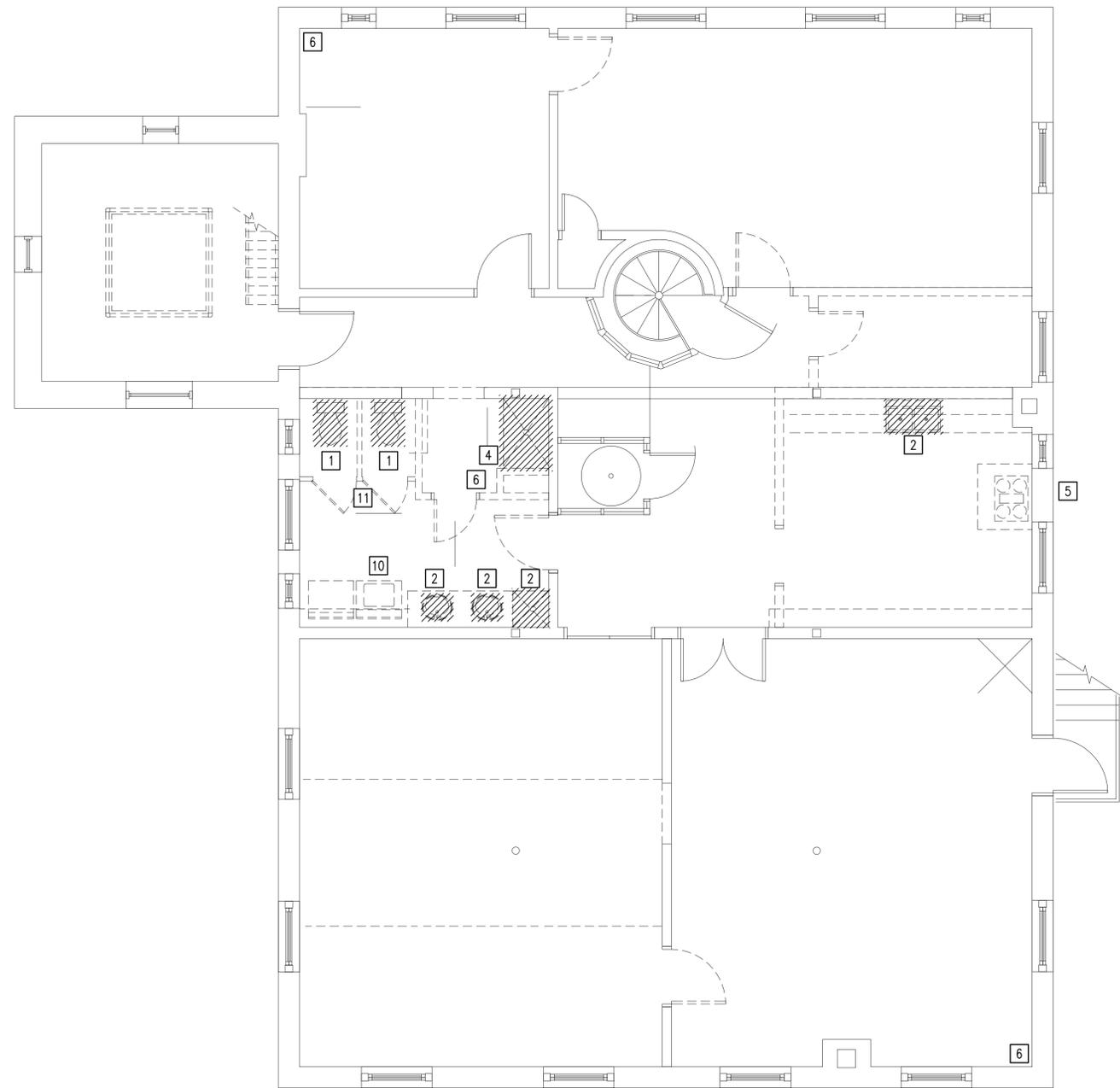
DESIGNED: CLS
DRAWN: RDC
CHECKED: CLS
DATE: 2015-03-20
REVISIONS:

LEGEND, SCHEDULES, NOTES, AND ABBREVIATIONS





1ST FLOOR DEMOLITION PLAN
 SCALE: 1/8"=1'-0"
 ACTUAL NORTH



2ND FLOOR DEMOLITION PLAN
 SCALE: 1/8"=1'-0"
 ACTUAL NORTH

PLUMBING DEMOLITION NOTES

- | | |
|---|--|
| <p>1 REMOVE EXISTING WATER CLOSET, WASTE, VENT, AND SUPPLY PIPING WHERE ACCESSIBLE. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>2 REMOVE EXISTING LAVATORY/SINK, WASTE, VENT, AND SUPPLY PIPING WHERE ACCESSIBLE. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>3 REMOVE EXISTING SUMP PUMP DISCHARGE PIPING AND WATER SUPPLY PIPING INCLUDING WATER HEATER IN BASEMENT BELOW.</p> <p>4 REMOVE EXISTING SHOWER, WASTE, VENT, AND SUPPLY PIPING WHERE ACCESSIBLE. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>5 REMOVE EXISTING VENT PIPING AT EXTERIOR WALL. PATCH MASONRY TO MATCH EXISTING.</p> | <p>6 REMOVE EXISTING VENTS THROUGH ROOF. PATCH AND REPAIR ROOF TO MATCH EXISTING.</p> <p>7 REMOVE EXISTING WATER COOLER, WASTE, VENT, AND SUPPLY PIPING WHERE ACCESSIBLE. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>8 REMOVE ALL EXPOSED WASTE, VENT, AND SUPPLY PIPING WHERE ACCESSIBLE. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>9 REMOVE EXISTING HOSE BIB PREPARE PENETRATION FOR NEW WALL HYDRANT.</p> <p>10 REMOVE EXISTING WASHING MACHINE CONNECTION, WASTE, VENT, AND SUPPLY PIPING. CAP AND PATCH FINISHES TO CONCEAL ABANDONED PIPING.</p> <p>11 REMOVE EXISTING NATURAL GAS PIPING SERVING EQUIPMENT TO BE REMOVED ABOVE.</p> |
|---|--|

MASTER
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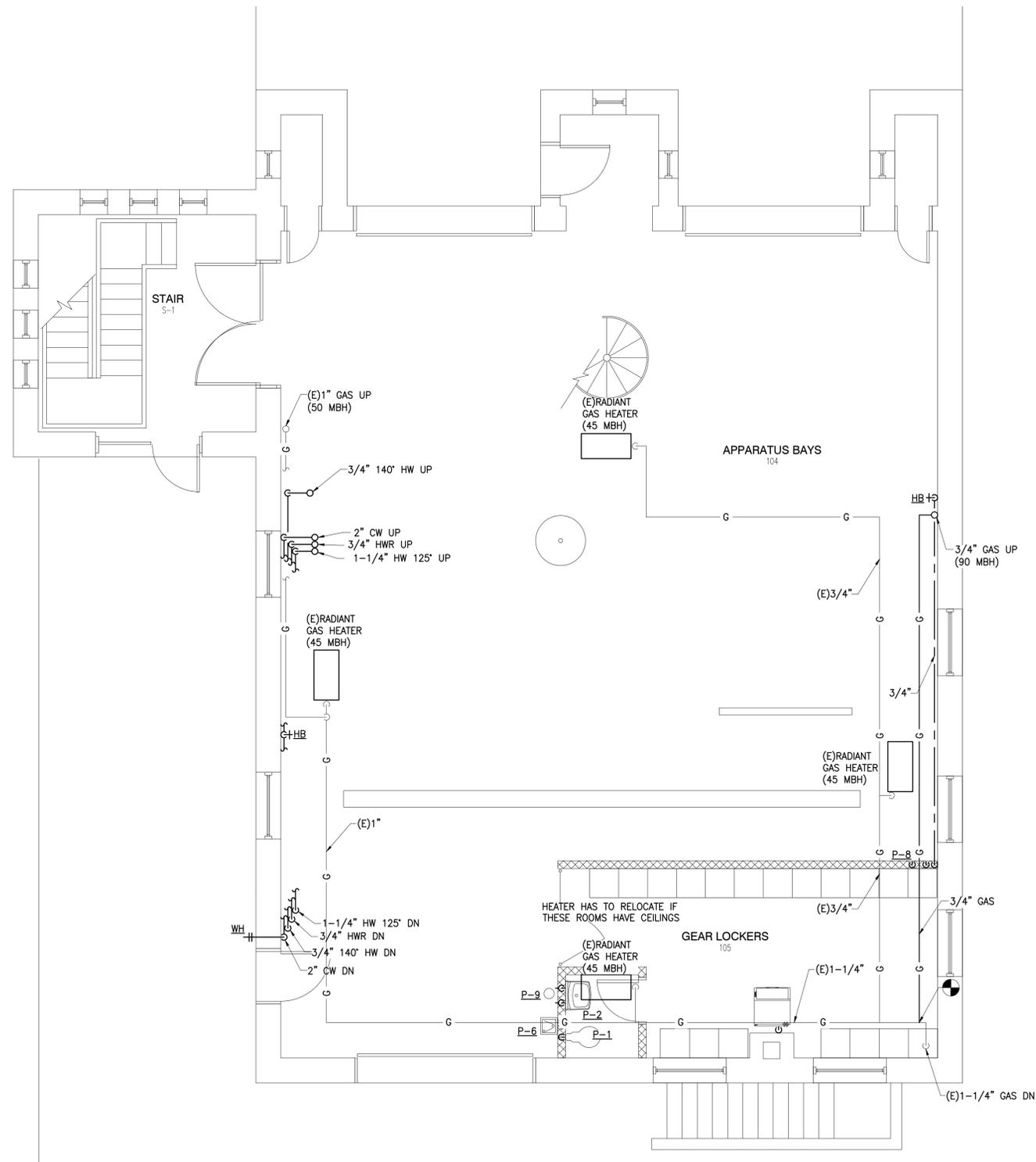
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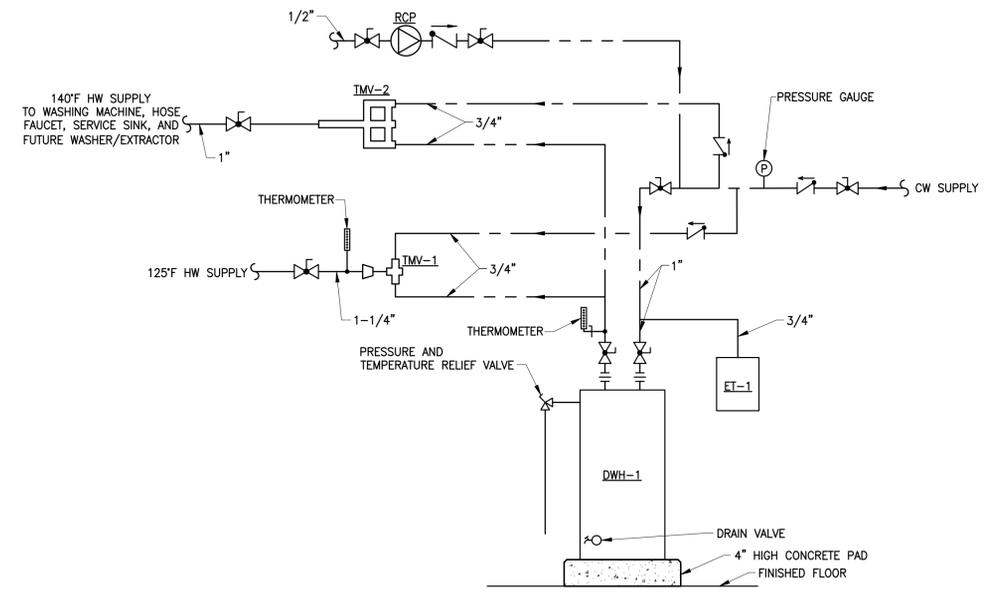
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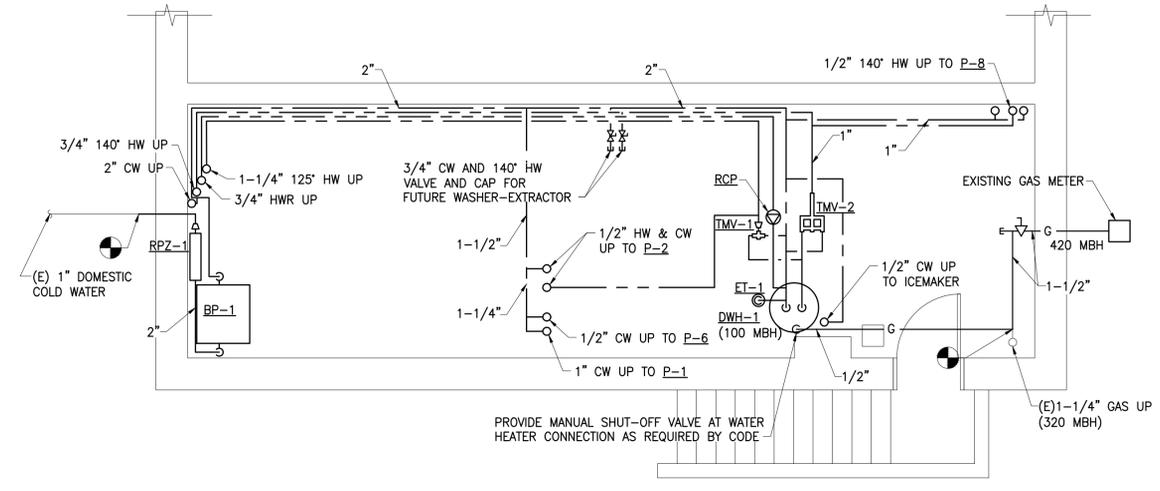
1ST & 2ND FLOOR DEMOLITION PLANS



1ST FLOOR HOT AND COLD WATER AND NATURAL GAS PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



DOMESTIC WATER HEATER (DWH-1) DETAIL
 NOT TO SCALE



BASEMENT HOT AND COLD WATER AND NATURAL GAS PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



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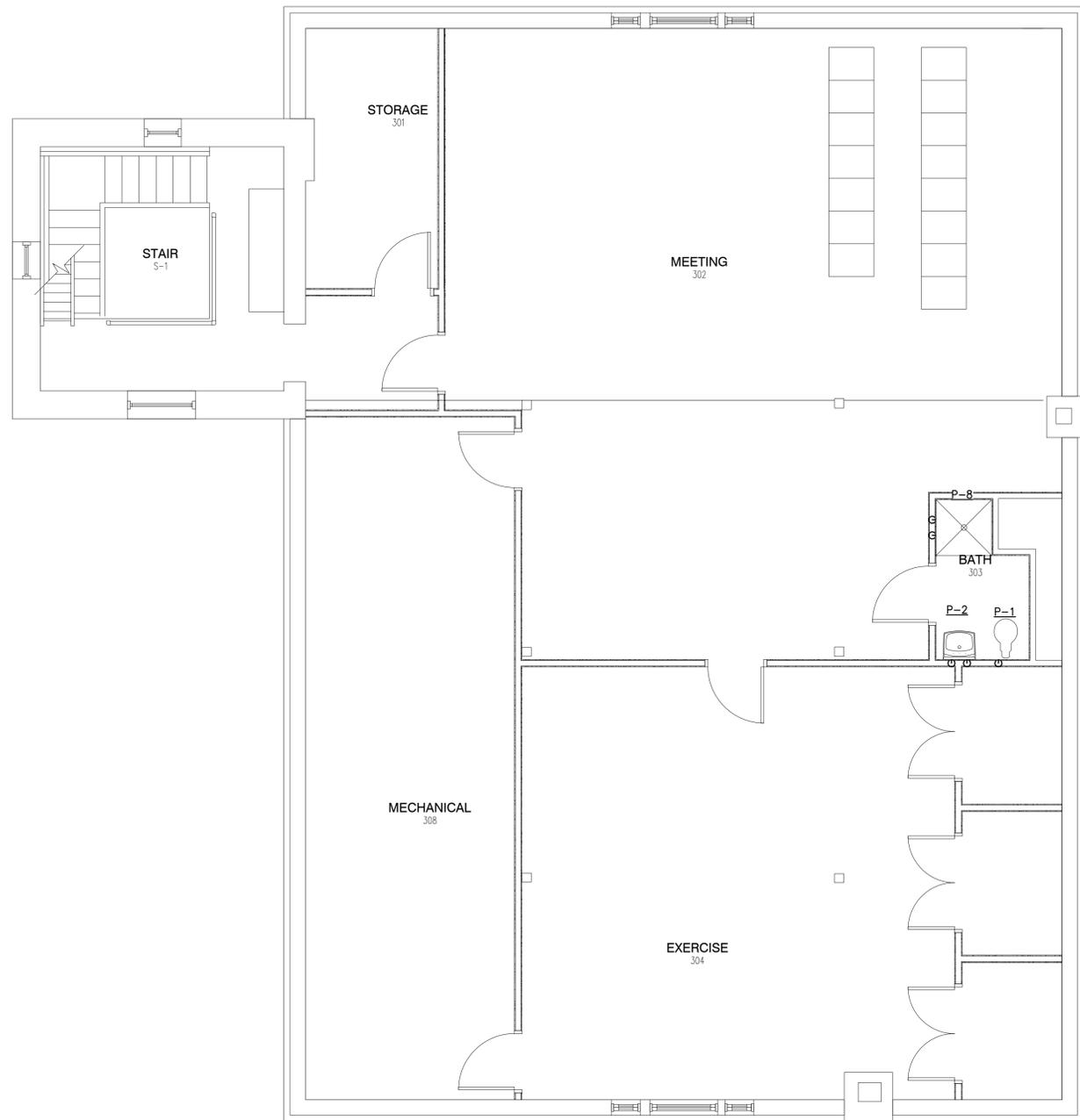
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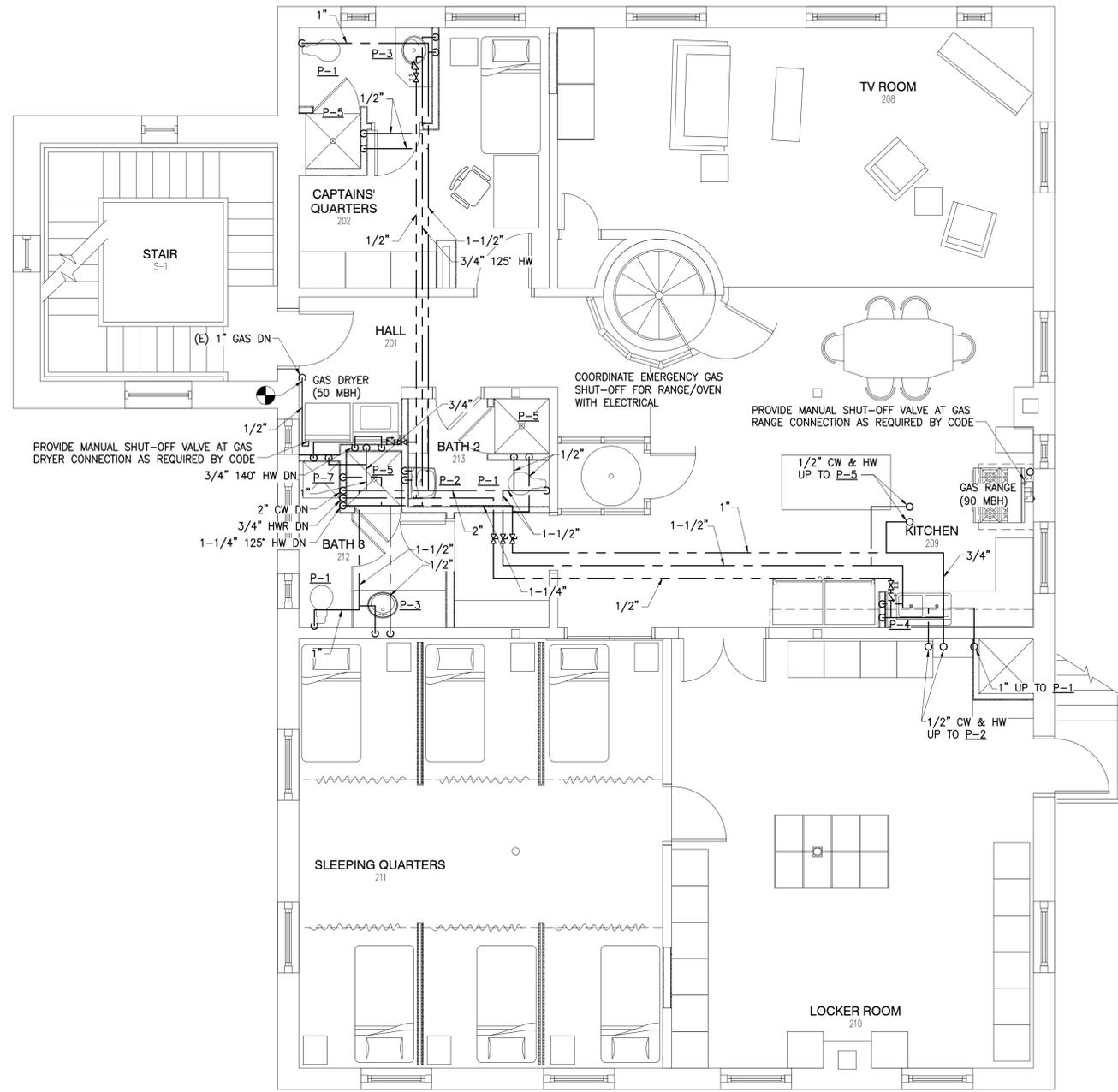


BASEMENT & 1ST FLOOR HOT & COLD WATER & GAS PLANS

SUPPORTS DRAWING



3RD FLOOR HOT AND COLD WATER PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH

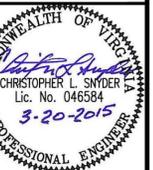


2ND FLOOR HOT AND COLD WATER AND NATURAL GAS PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



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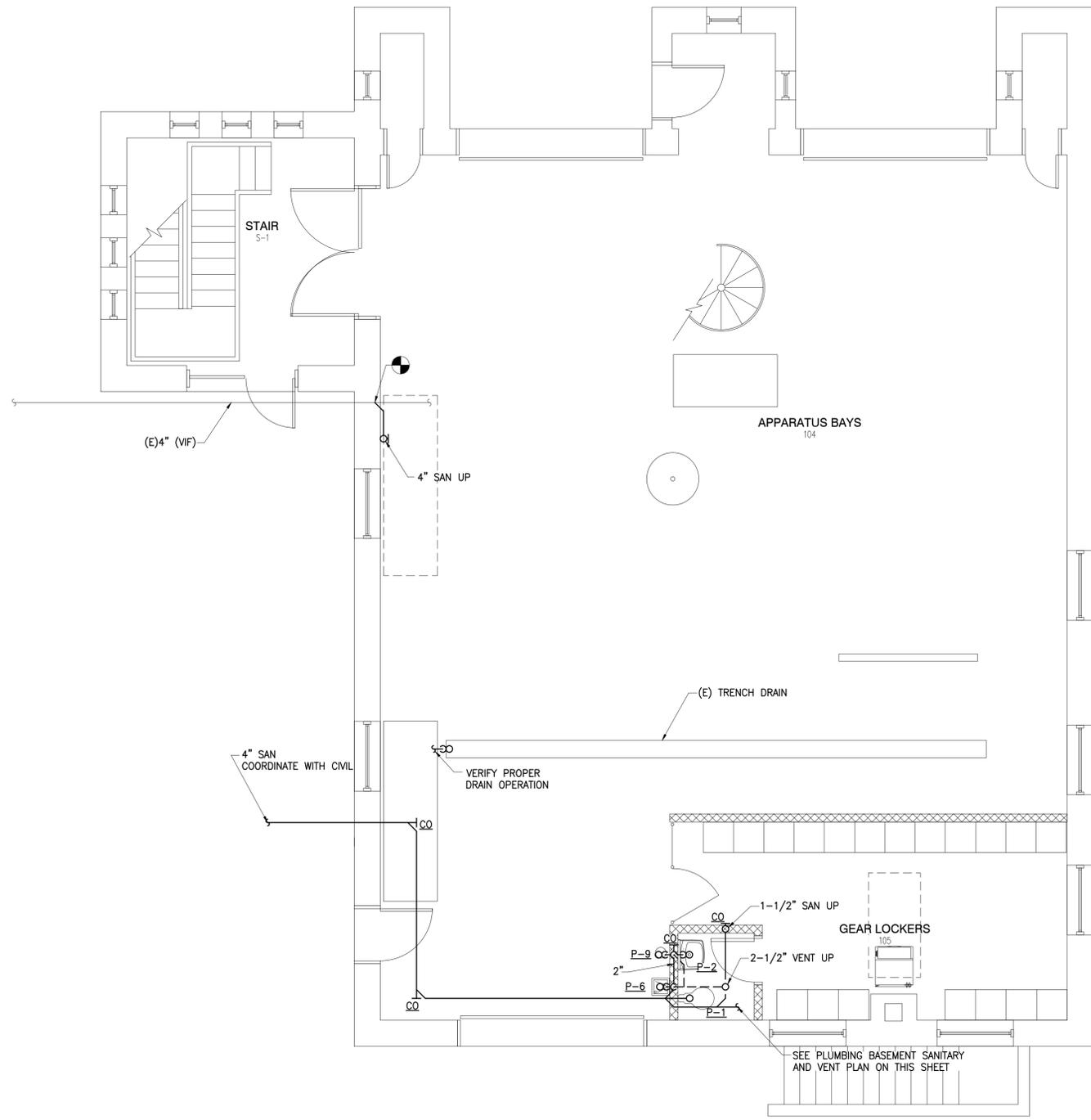
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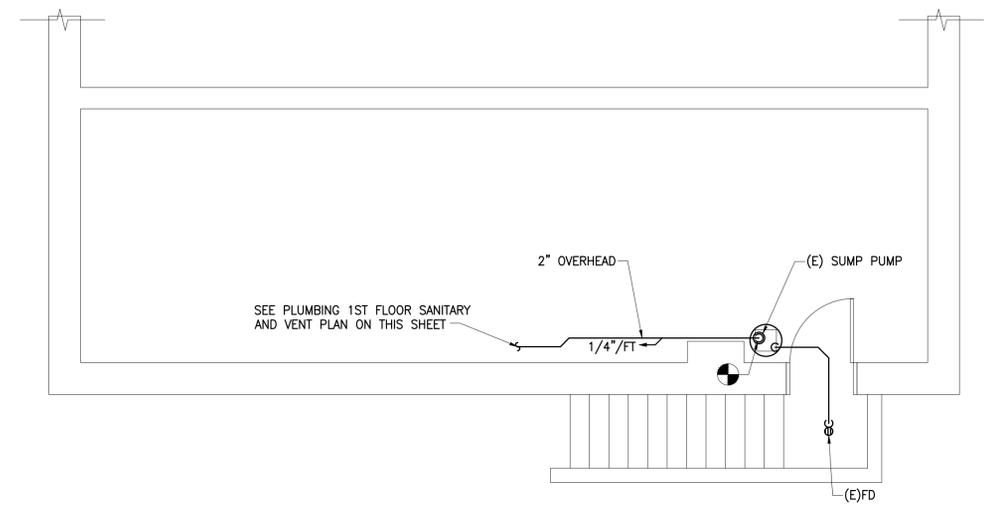
2ND & 3RD FLOOR HOT & COLD WATER & GAS PLANS

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SUPPORTS DRAWING



1ST FLOOR SANITARY AND VENT PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



BASEMENT SANITARY AND VENT PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



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INTERIOR RENOVATIONS TO MILLER PARK FIRE STATION NO. 6
 LYNCHBURG, VIRGINIA AP PROJ. NO: 14135 CITY OF LYNCHBURG PROJ. NO. BM 078.0170



WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DESIGNED: CLS
 DRAWN: RDC
 CHECKED: CLS
 DATE: 2015-03-20
 REVISIONS:



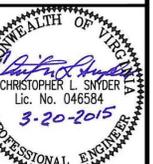
BASEMENT & 1ST FLOOR SANITARY AND VENT PLAN



ARCHITECTURAL PARTNERS

10 9th Street
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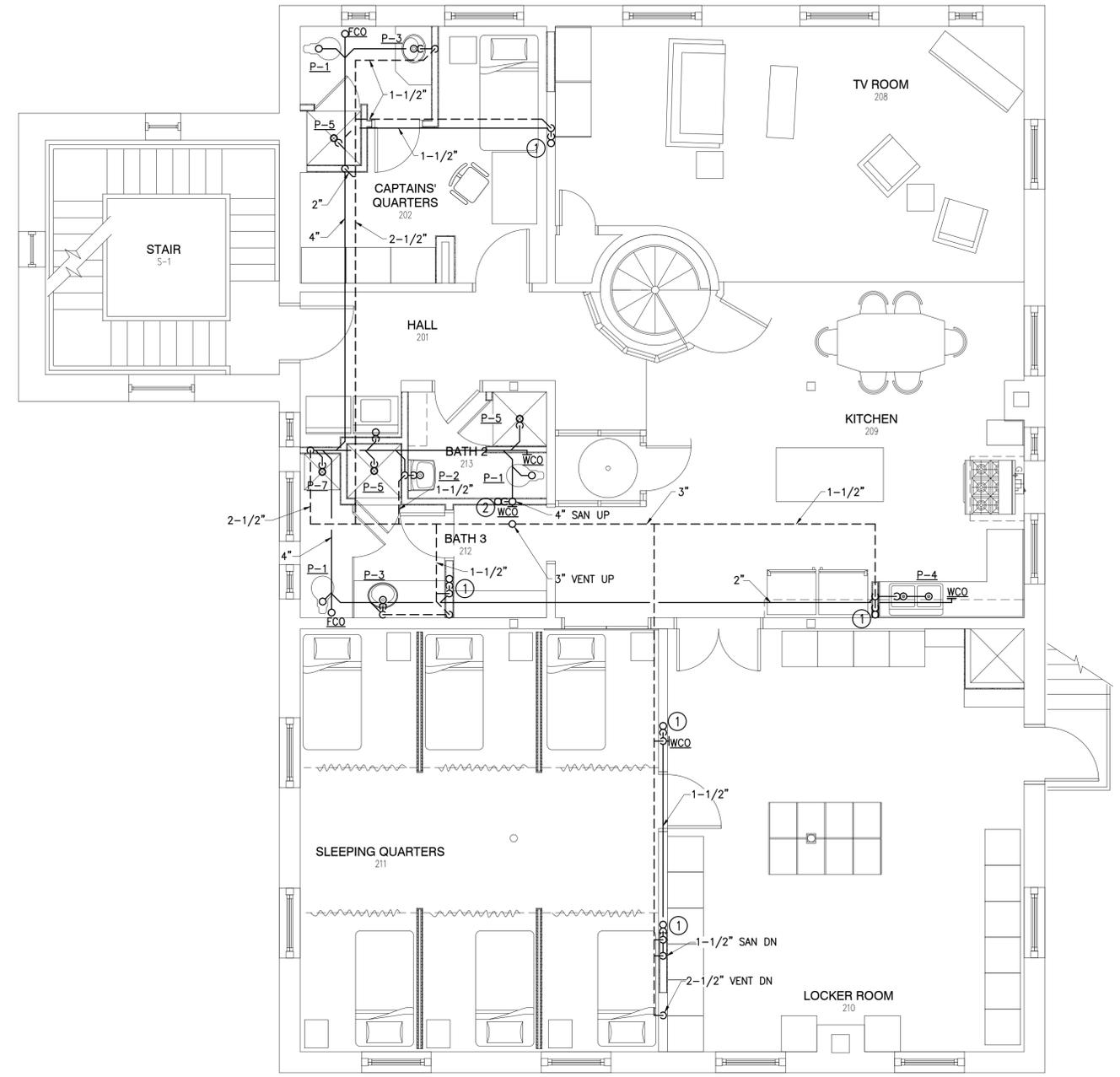
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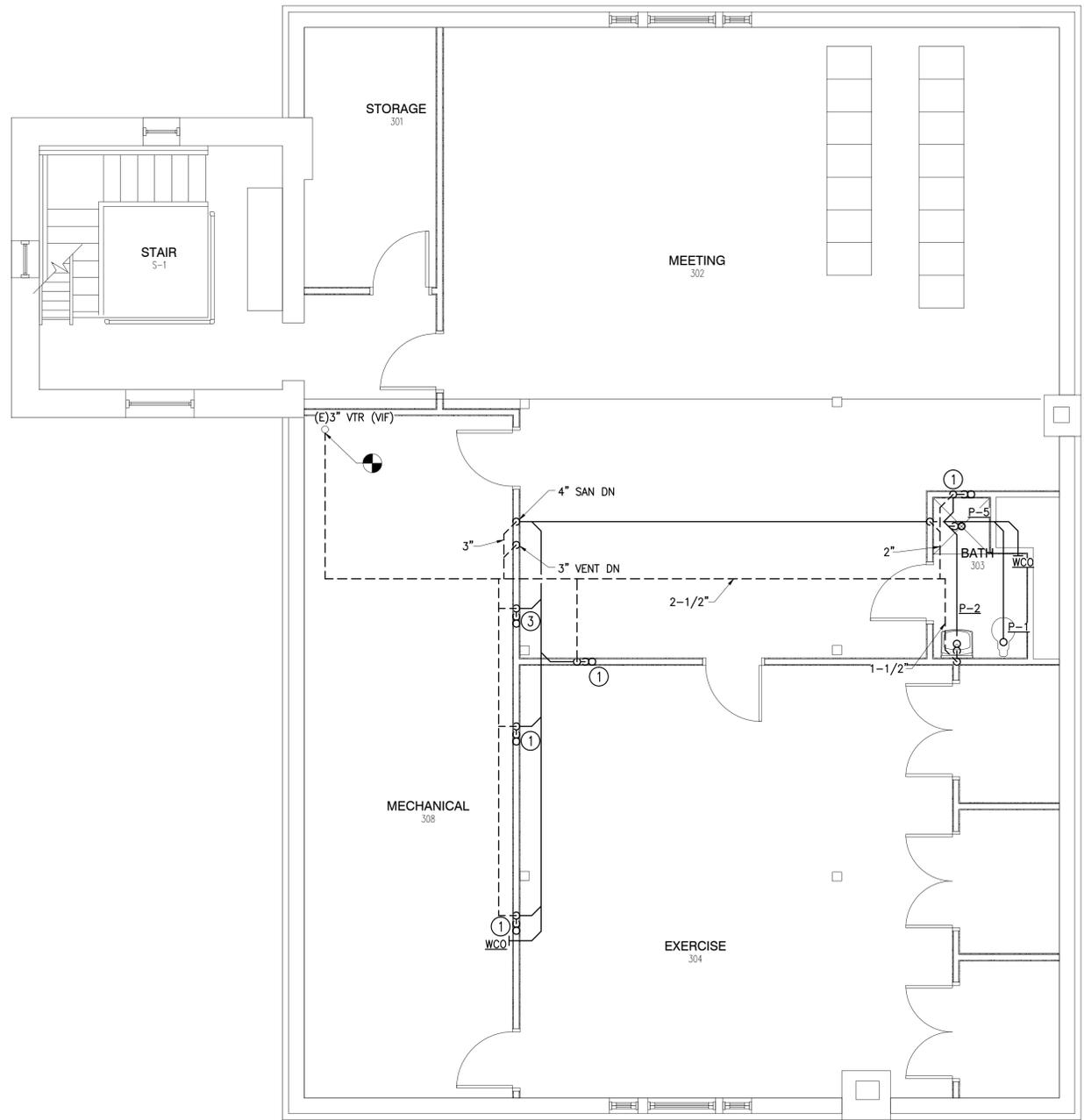
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2ND & 3RD FLOOR SANITARY AND VENT PLANS



2ND FLOOR SANITARY AND VENT PLAN
SCALE: 1/4"=1'-0"



3RD FLOOR SANITARY AND VENT PLAN
SCALE: 1/4"=1'-0"



PLAN NOTES

- ① INDIRECT CONNECTION FOR CONDENSATE DRAIN. SEE MECHANICAL DRAWINGS.
- ② INDIRECT CONNECTION FOR CONDENSATE DRAINS FROM FCU-1-4, BC-1-A, AND BC-1-B. SEE MECHANICAL DRAWINGS.
- ③ INDIRECT CONNECTION FOR CONDENSATE DRAINS FROM FCU-2-1, BC-2-A, AND BC-2-B. SEE MECHANICAL DRAWINGS.



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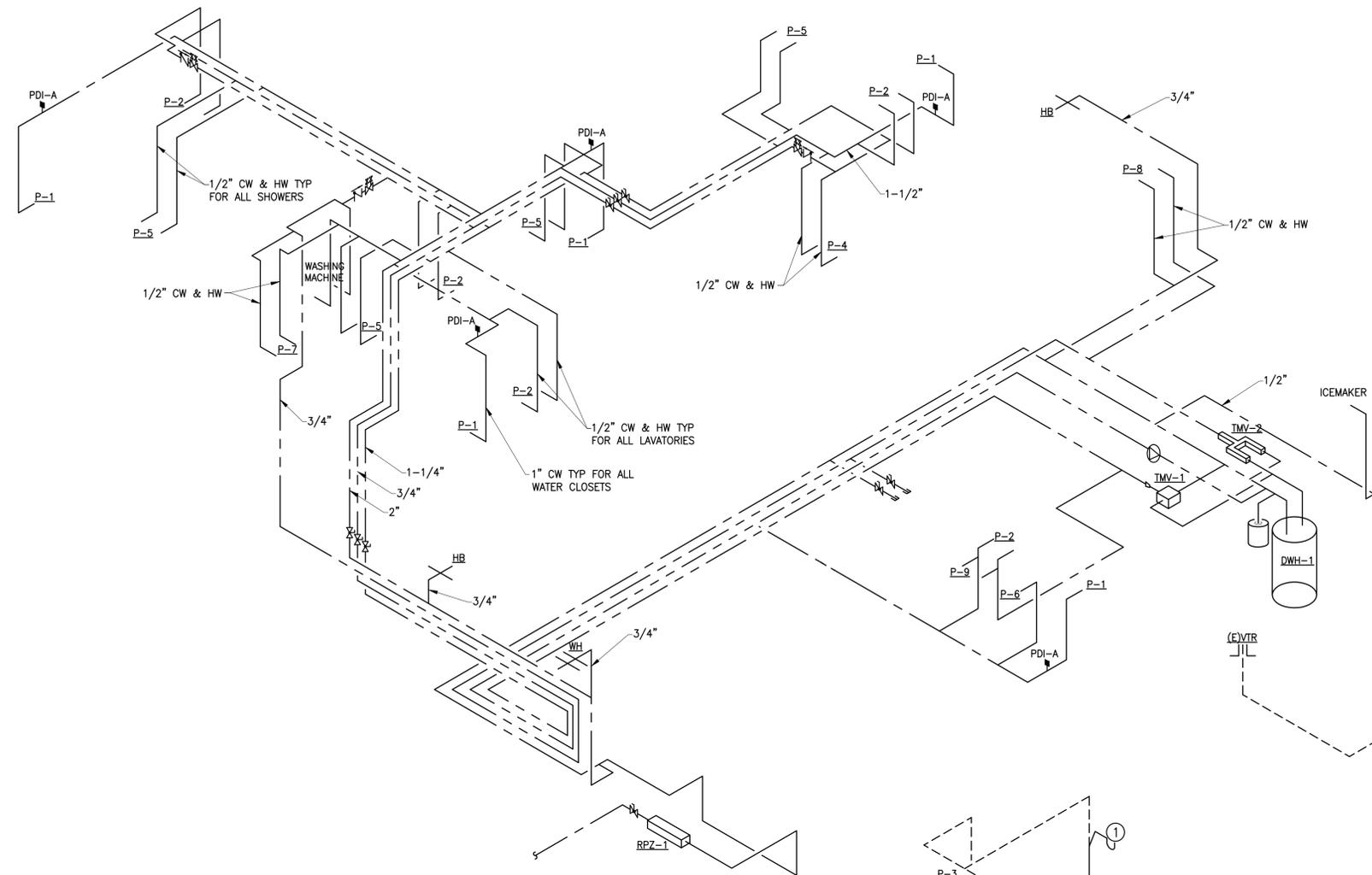
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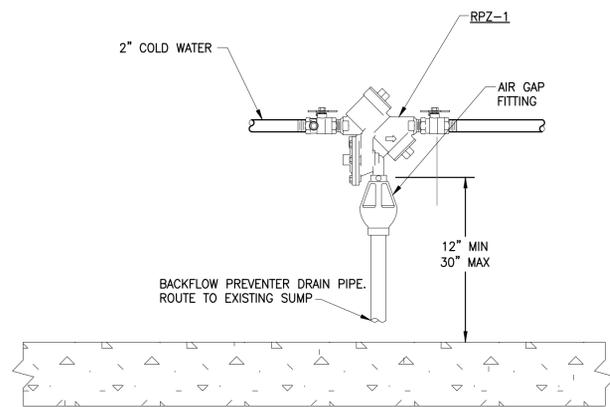
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PLUMBING RISER DIAGRAMS



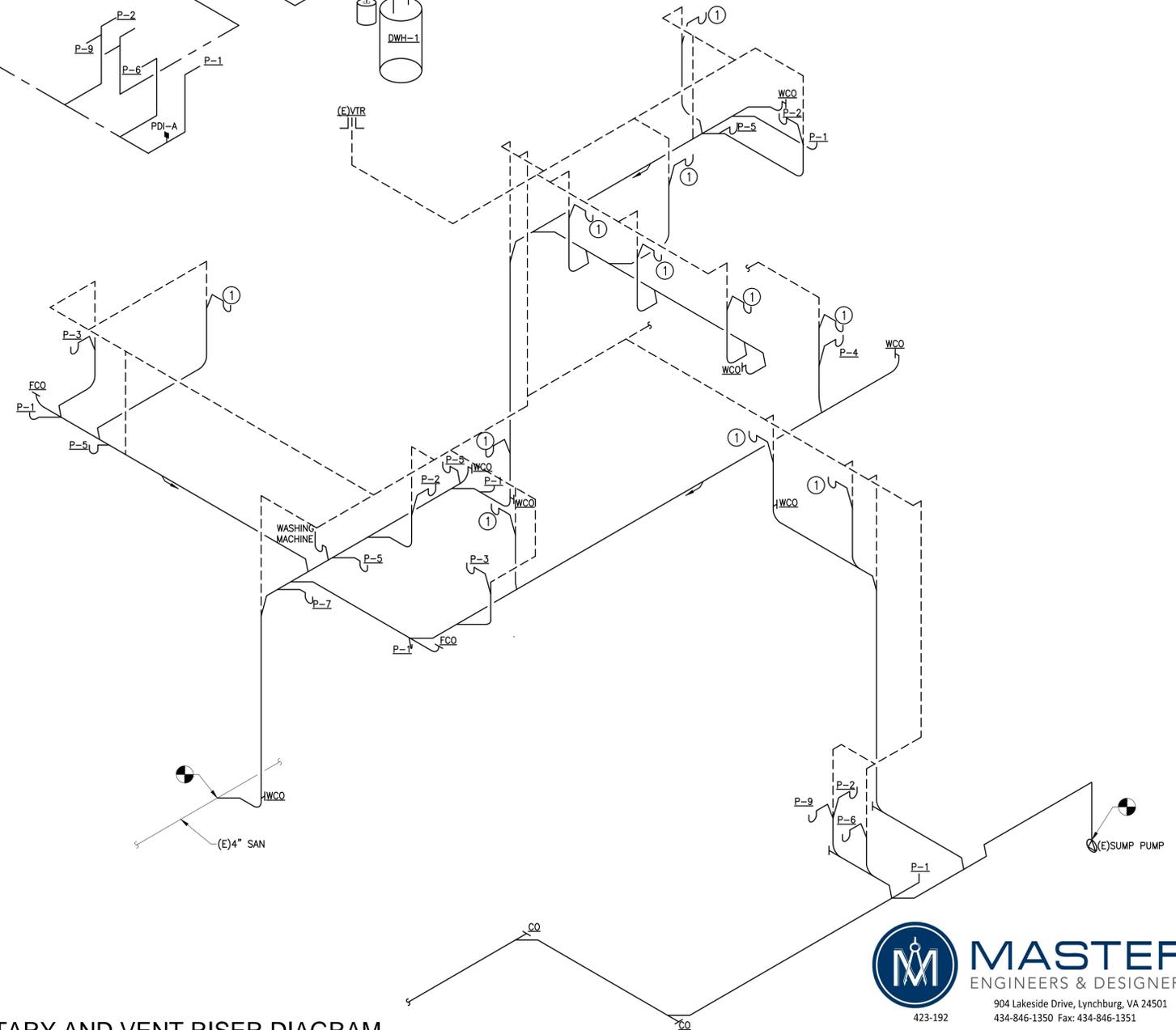
HOT AND COLD WATER RISER DIAGRAM

SCALE: NONE



RPZ-1 DETAIL

SCALE: NONE



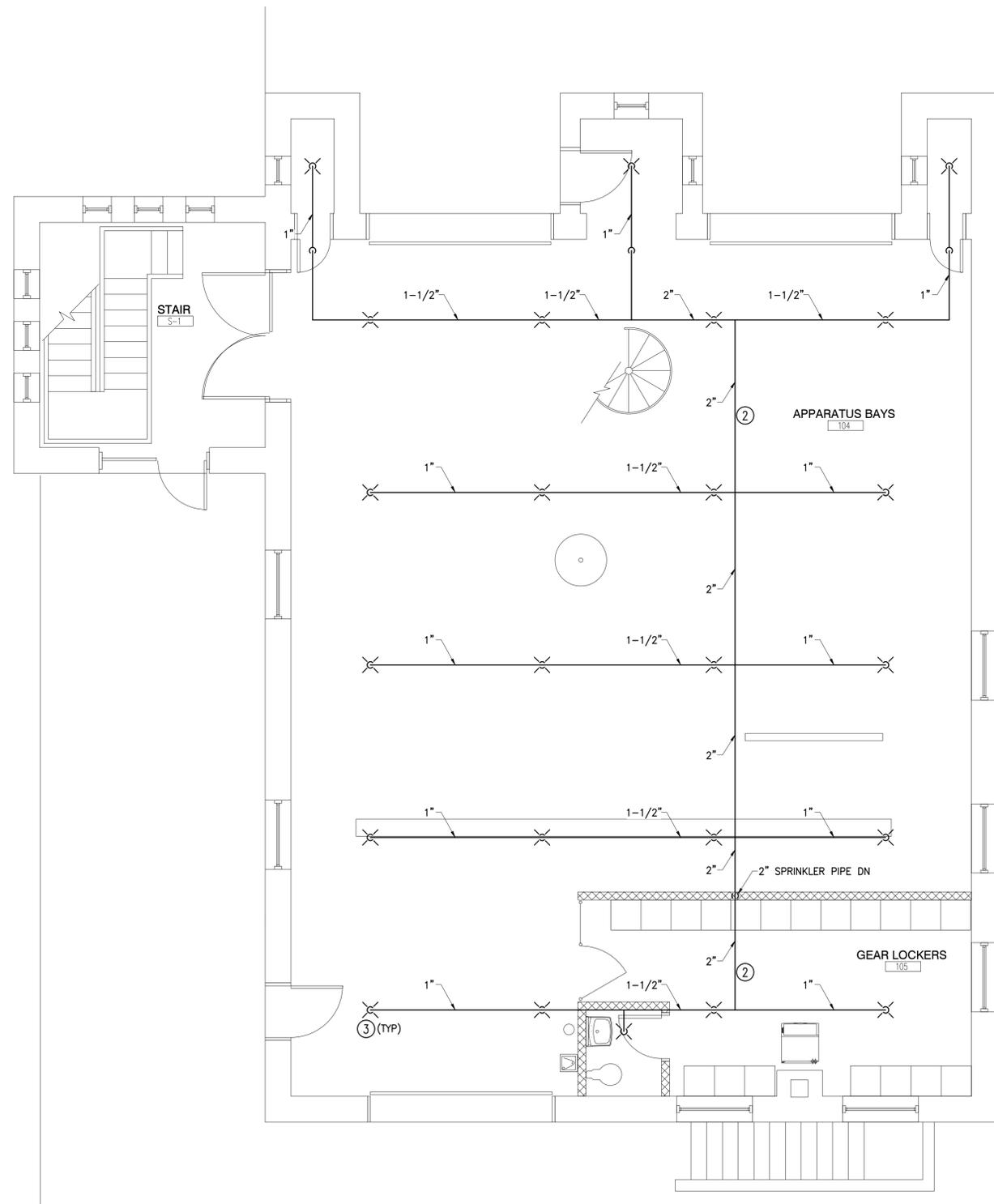
SANITARY AND VENT RISER DIAGRAM

SCALE: NONE

RISER DIAGRAM NOTES

- ① INDIRECT CONNECTION FOR CONDENSATE DRAIN. SEE MECHANICAL DRAWINGS.

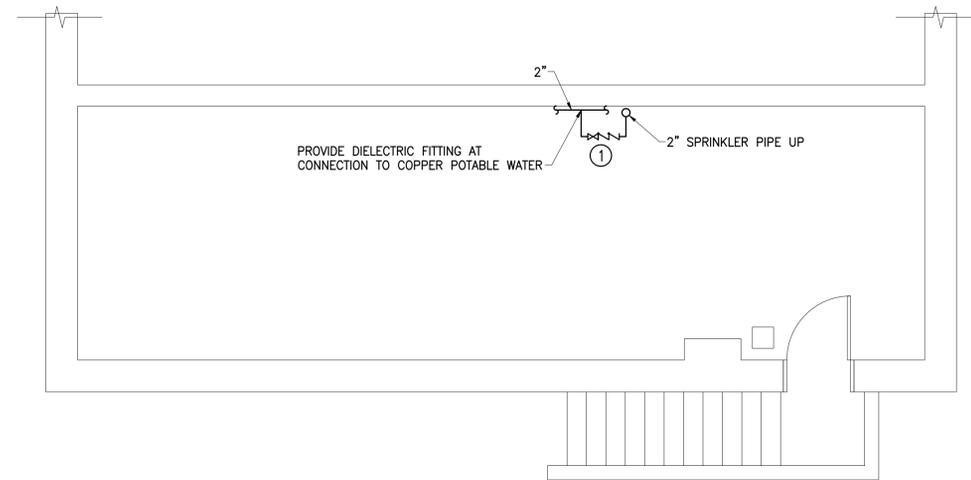
MASTER ENGINEERS & DESIGNERS
904 Lakeside Drive, Lynchburg, VA 24501
434-846-1350 Fax: 434-846-1351
423-192



1ST FLOOR FIRE SPRINKLER PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH

FIRE SPRINKLER NEW WORK NOTES

- ① CONNECT TO POTABLE WATER SUPPLY WITH TAMPER-PROOF VALVE AND BACKFLOW PREVENTION AS REQUIRED BY LOCAL CODES AND ORDINANCES.
- ② PIPING TO BE VICTAULIC GROOVE CONNECTED SCHEDULE 40 GALVANIZED STEEL.
- ③ PROVIDE PENDANT SPRINKLER HEADS WITH STANDARD K FACTOR (5.6) AND 155°F FUSE LINKS.
- ④ LIMITED AREA SPRINKLER SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH THE AUTHORITY HAVING JURISDICTION.



BASEMENT FIRE SPRINKLER PLAN
 SCALE: 1/4"=1'-0"
 ACTUAL NORTH



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ADD ALTERNATE LIMITED AREA FIRE SPRINKLER PLAN