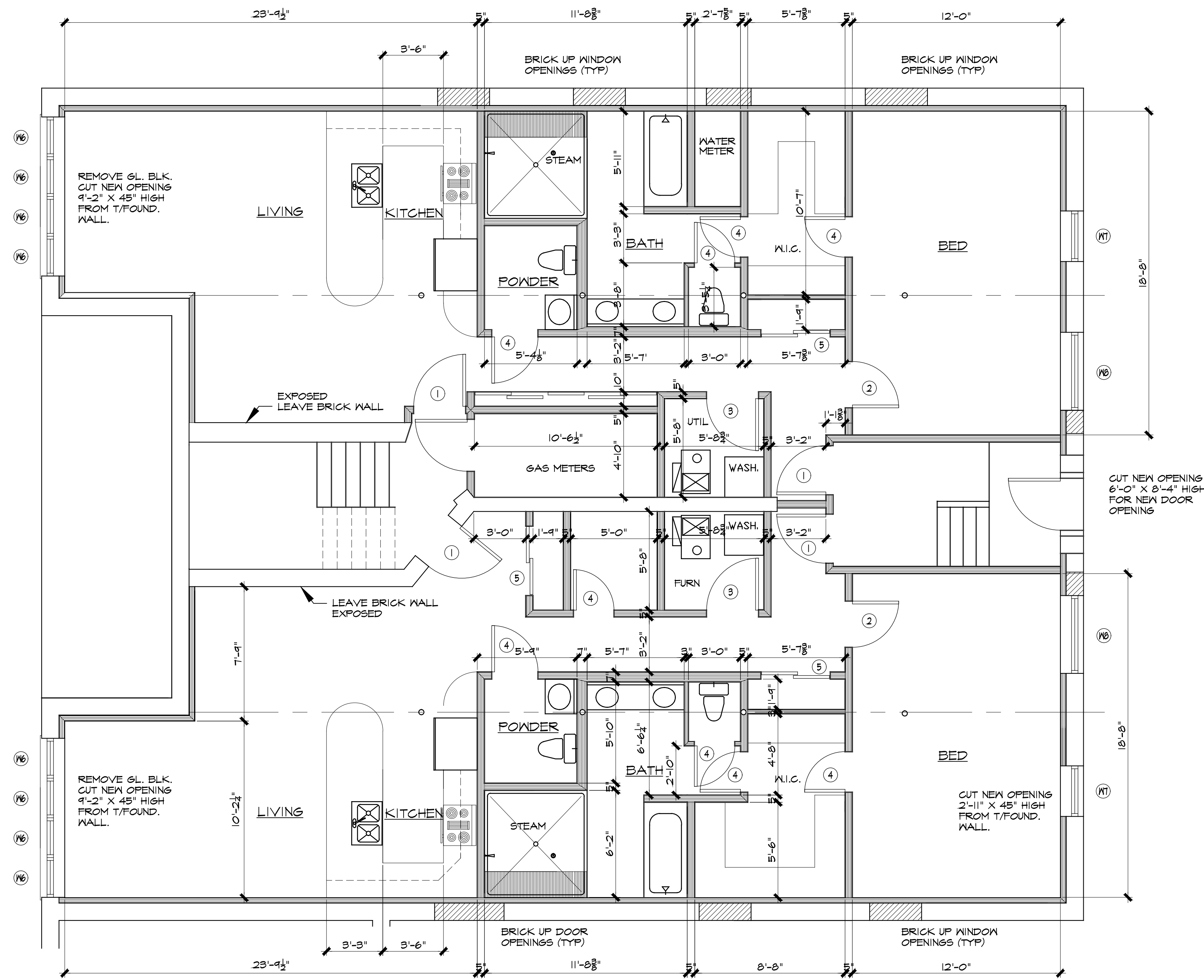


BRICK UP WINDOW
OPENING TO PROVIDE
NEW OPENING 42" X 32"

BRICK UP WINDOW
OPENING TO PROVIDE
NEW OPENING 42" X 32"

BRICK UP WINDOW
OPENINGS (TYP)



1 ARCHITECTURAL PLAN - BASEMENT
 A-1 SCALE: 1/4" = 1'-0"

ARCHITECTURAL GENERAL NOTES:

1. ALL INTERIOR FINISHES TO COMPLY WITH SECTION 15-B-420 C.B./15-B-440 C.B.C.
2. ALL EXIT DOORS TO REMAIN KEYLESS IN THE DIRECTION OF EGRESS.
3. ALL GLASS TO COMPLY WITH SECTION 13-124-350 C.B.C. AND SHALL BE SAFETY GLAZED.
4. ALL MATERIALS FOR INTERIOR FINISHES FOR WALLS AND CEILING SHALL NOT BE LESS RESISTANT TO FLAME SPREAD THAN CLASS 1.
5. ALL FLOOR COVERING SHALL MEET CLASS "A" REQUIREMENTS.
6. WATER RESISTANT GYPSUM BACKER BOARD IS REQUIRED AROUND ALL TUB AND SHOWER WALLS.
7. PROVIDE TEMPERED GLASS IN ALL PATIO DOORS AND BATHROOM WINDOWS.

WINDOW SCHEDULE

TAG	TYPE	SIZE	QTY.	LOCATION	LIGHT (SF.)	VENT (SF.)	REMARKS
(16)	DOUBLE-HUNG	3'-4" X 5'-0"	8	LIVING	15	7.5	
(17)	DOUBLE-HUNG	2'-11" X 5'-0"	2	BED	14.17	7.08	
(18)	DOUBLE-HUNG	2'-8" X 5'-0"	2	BED	13.33	6.67	

DOOR SCHEDULE

TAG	TYPE	SIZE	QTY.	LOCATION	HARDWARE	FRAME	REMARKS
(1)	SWING	3'-0" X 7'-0"	4	ALL ENTRY POINTS	1	WD.	
(2)	SWING	2'-8" X 7'-0"	2	BEDROOMS	2	WD.	
(3)	SWING	3'-0" X 7'-0"	2	UTILITY	3	WD.	
(4)	SWING	2'-4" X 7'-0"	8	BATHROOMS	2	WD.	
(5)	SLIDING	4'-0" X 7'-0"	2	CLOSETS	4	WD.	

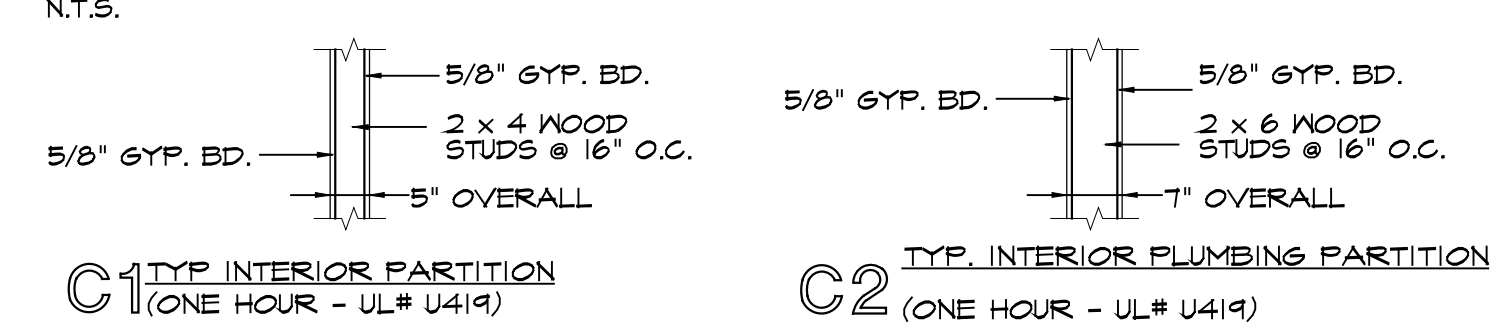
HARDWARE SCHEDULE

MARK	FUNCTION	REMARKS
1	BUILDING ENTRY	ENTRY LOCKSET, DOOR STOP & WEATHERSTRIPPING
2	PRIVACY	PRIVACY LOCKSET, DOOR STOP
3	PASSAGE	PASSAGE LOCKSET, DOOR STOP
4	CLOSET	DUMMY KNOB, DOOR STOP

WALL LEGEND:

- NEW INTERIOR WALL
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED

WALL TYPE SCHEDULE:



ROOM FINISH SCHEDULE - FIRST FLOOR

USE OF ROOM	FLOOR	BASE	WALLS	CEILING	CLS. HT.	REMARKS
BATHROOM	HDWD	WB	DN, WPT	DN, WPT	9'-0"	

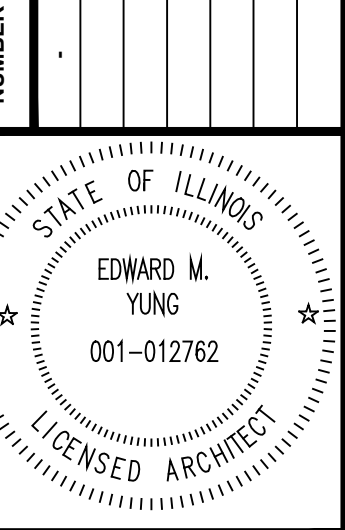
ABBREVIATIONS

- CF - Conc. Floor
- GRT - Carpeting
- CT - Ceramic Tile
- VT - Vinyl Composition Tile
- DN - Gypsum Drywall
- RB - Rubber Base 4" High
- PT - Paint
- HDWD - Hard Wood Flooring
- WB - Wood Base 6" High

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RESIDENTIAL REHABILITATION
 350 EAST 50TH STREET
 CHICAGO, ILLINOIS

DATE	REVISIONS

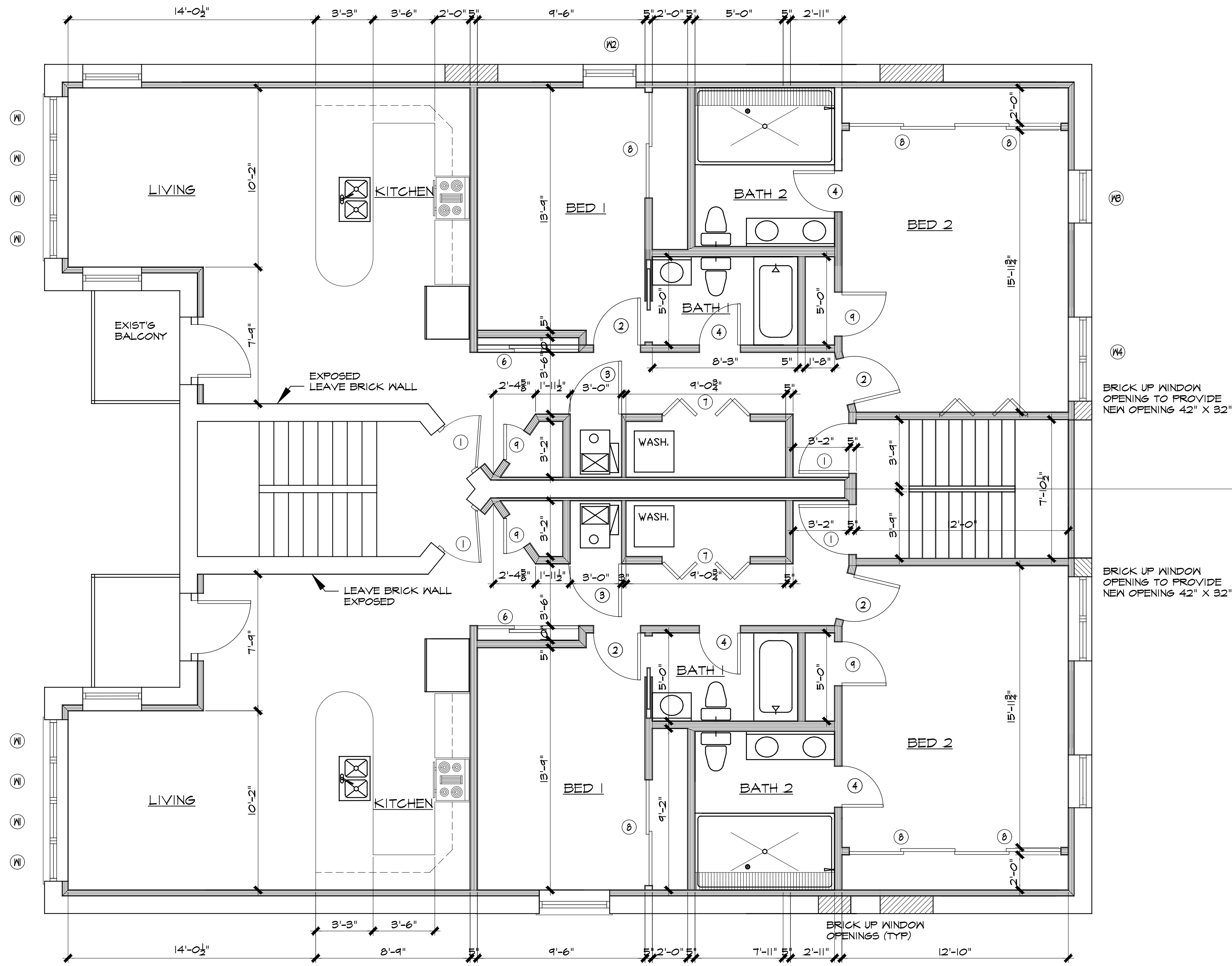


DATE ISSUED:
3-18-2016

PROJECT # 1603

SHEET TITLE:
ARCHITECTURAL PLAN - FLOORPLANS, SCHEDULES & NOTES

SHEET #:
A-1



1 ARCHITECTURAL PLAN - FIRST, SECOND & THIRD FLOORS
 A-2 SCALE: 1/4" = 1'-0"

ARCHITECTURAL GENERAL NOTES:

1. ALL INTERIOR FINISHES TO COMPLY WITH SECTION 15-B-420 C.B./15-B-440 C.B.C.
2. ALL EXIT DOORS TO REMAIN KEYLESS IN THE DIRECTION OF EGRESS.
3. ALL GLASS TO COMPLY WITH SECTION 15-124-350 C.B.C. AND SHALL BE SAFETY GLAZED.
4. ALL MATERIALS FOR INTERIOR FINISHES FOR WALLS AND CEILING SHALL NOT BE LESS RESISTANT TO FLAME SPREAD THAN CLASS 1.
5. ALL FLOOR COVERING SHALL MEET CLASS "A" REQUIREMENTS.
6. WATER RESISTANT GYPSUM BACKER BOARD IS REQUIRED AROUND ALL TUB AND SHOWER WALLS.
7. PROVIDE TEMPERED GLASS IN ALL PATIO DOORS AND BATHROOM WINDOWS.

WINDOW SCHEDULE

TAG	TYPE	SIZE	QTY	LOCATION	LIGHT (SF.)	VENT (SF.)	REMARKS
(N)	CASEMENT	2'-2" X 5'-4"	24	LIVING ROOM	11.6	11.6	
(N)	CASEMENT	3'-0" X 4'-8"	3	BED 1 *	14.7	14.7	
(N)	CASEMENT	3'-0" X 4'-9"	6	BED 2	14.3	14.3	
(N)	CASEMENT	5'-1" X 4'-9"	6	BED 2	24.3	24.3	
(N)	CASEMENT	4'-0" X 4'-6"	2	BED 1 **	18.7	18.7	

* - BED 1 IN WEST UNIT
 ** - BED 1 IN EAST UNIT

DOOR SCHEDULE

TAG	TYPE	SIZE	QTY	LOCATION	HARDWARE	FRAME	REMARKS
(1)	SWING	3'-0" X 7'-0"	4	ALL ENTRY POINTS	1	WD.	
(2)	SWING	2'-8" X 7'-0"	4	BEDROOMS	2	WD.	
(3)	SWING	3'-0" X 7'-0"	2	UTILITY	3	WD.	
(4)	SWING	2'-4" X 7'-0"	4	BATHROOMS	4	WD.	
(5)	SLIDING	4'-0" X 7'-0"	2	CLOSETS	2	WD.	
(6)	SLIDING	5'-9" X 7'-0"	2	PANTRY	2	WD.	
(7)	BI-FOLD	5'-0" X 7'-0"	2	LAUNDRY	2	WD.	
(8)	SLIDING	6'-0" X 7'-0"	6	CLOSET	2	WD.	
(9)	SLIDING	2'-6" X 7'-0"	4	CLOSET	2	WD.	

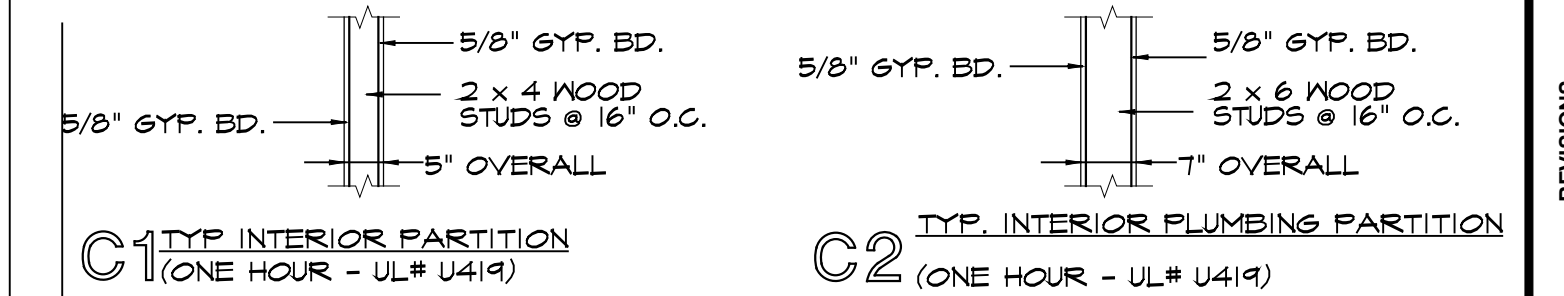
HARDWARE SCHEDULE

MARK	FUNCTION	REMARKS
1	BUILDING ENTRY	ENTRY LOCKSET, DOOR STOP & WEATHERSTRIPPING
2	PRIVACY	PRIVACY LOCKSET, DOOR STOP
3	PASSAGE	PASSAGE LOCKSET, DOOR STOP
4	CLOSET	DUMMY KNOB, DOOR STOP

WALL LEGEND:

- NEW INTERIOR WALL
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED

WALL TYPE SCHEDULE:



ROOM FINISH SCHEDULE - FIRST FLOOR

USE OF ROOM	FLOOR	BASE	WALLS	CEILING	CLG. HT.	REMARKS
BATHROOM	HDWD	WB	DW, W/PT	DW, W/PT	9'-0"	

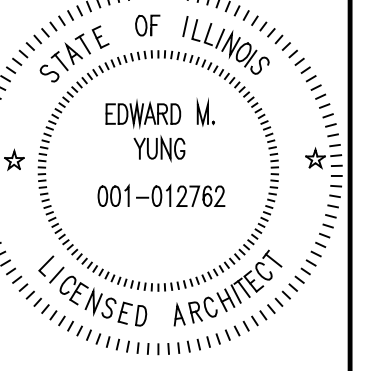
ABBREVIATIONS

- CF - Cons. Floor
- CP - Carpeting
- CT - Ceramic Tile
- V - Vinyl
- DW - Gypsum Drywall
- RE - Rubber Base 4" High
- PT - Paint
- HDWD - Hard Wood Flooring
- WB - Wood Base 6" High

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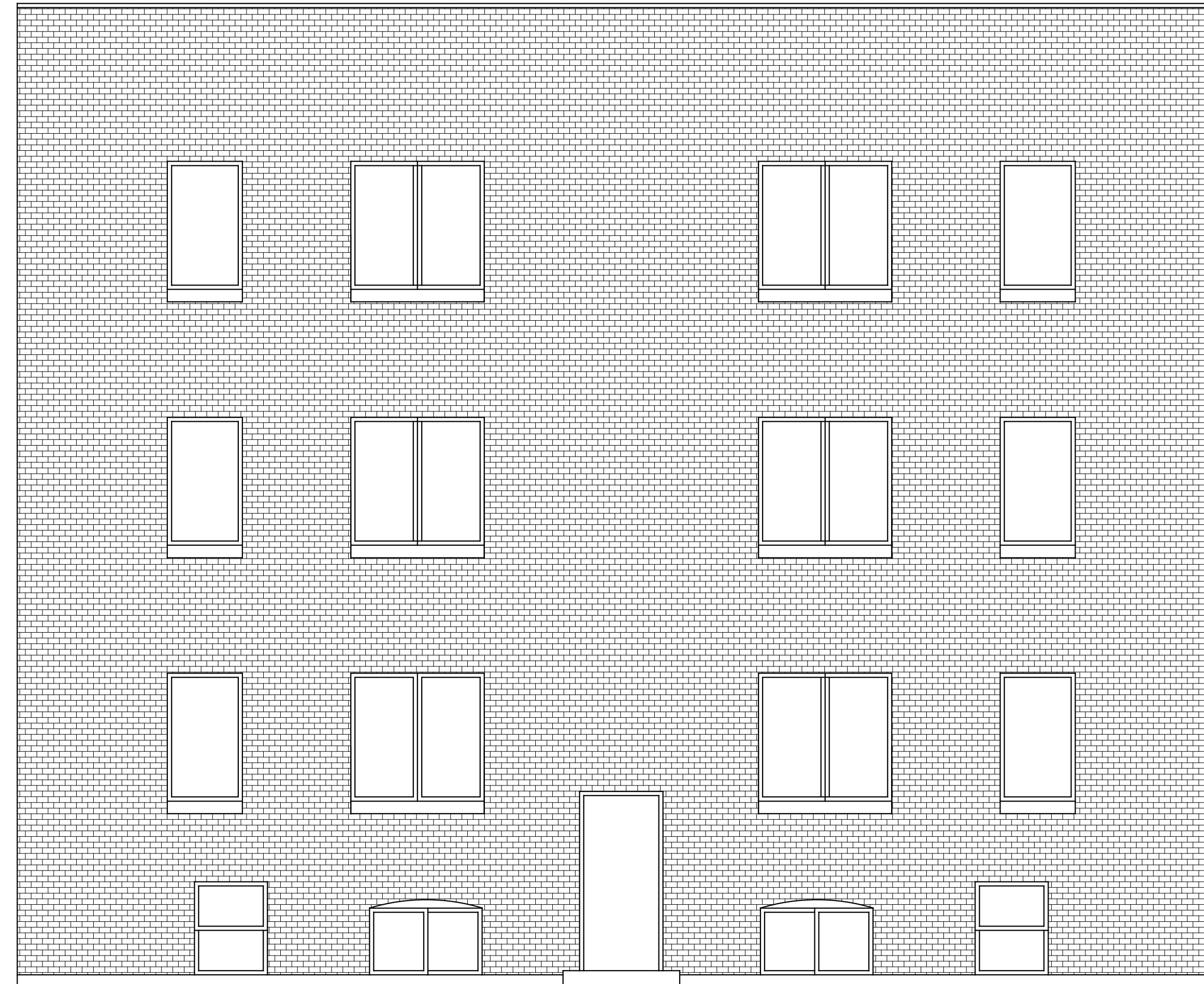
DATE	REVISIONS



DATE ISSUED:
 3-18-2016
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 SHEET TITLE:
 ARCHITECTURAL PLAN -
 FLOORPLANS, SCHEDULES
 & NOTES
 SHEET #:
A-2



1 SOUTH ELEVATION
A-3 SCALE: 1/8" = 1'-0"

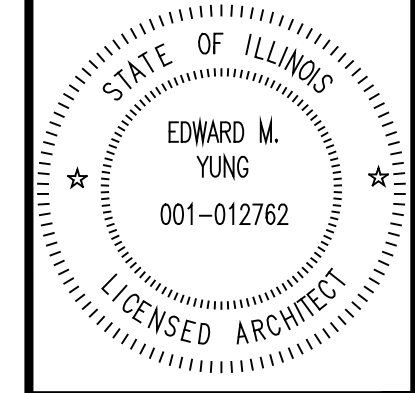


2 NORTH ELEVATION
A-3 SCALE: 1/8" = 1'-0"

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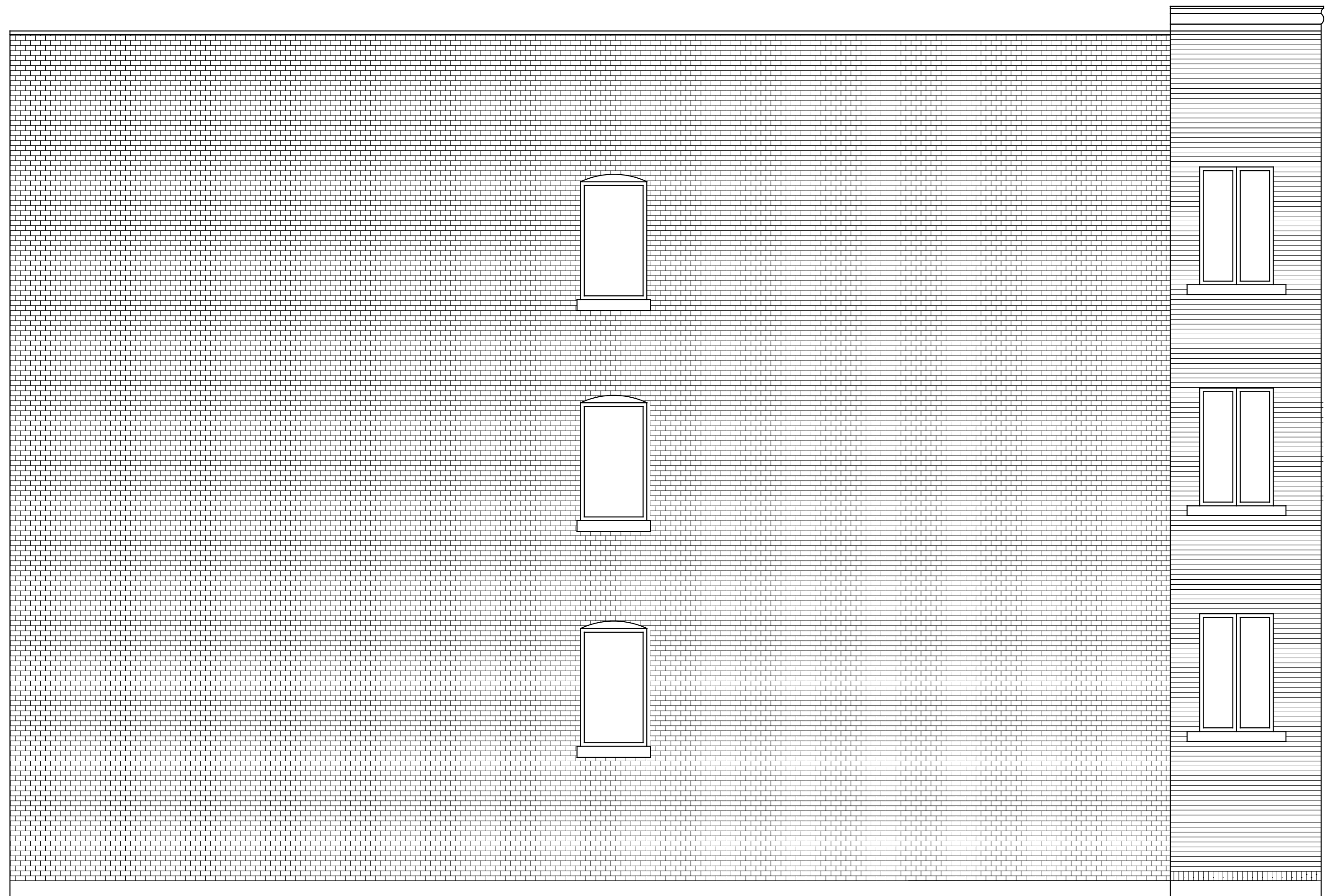
DATE	REVISIONS	NUMBER



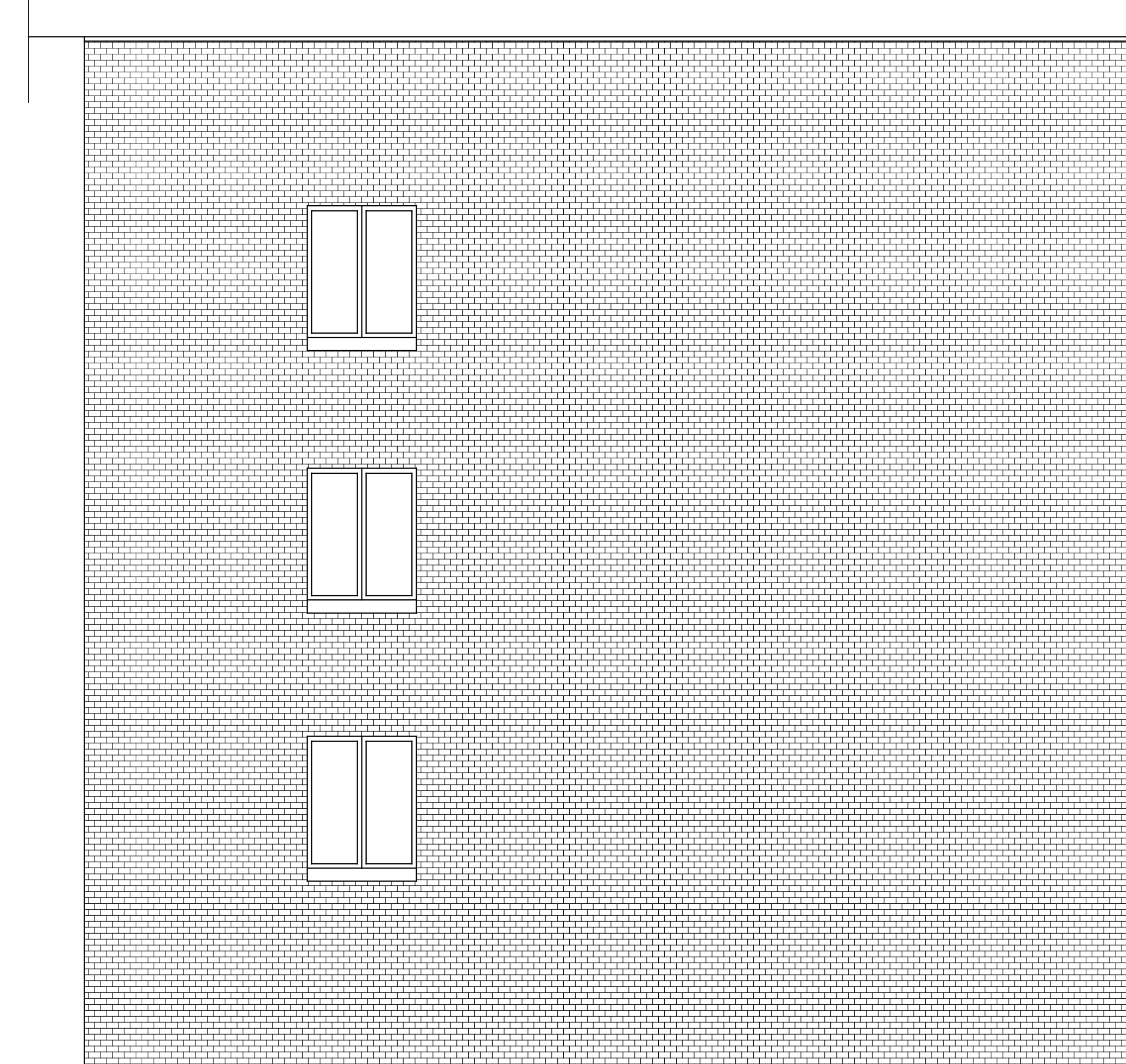
DATE ISSUED:
3-18-2016
PROJECT # 1603

SHEET TITLE:
ARCHITECTURAL PLAN -
FLOORPLANS, SCHEDULES
& NOTES

SHEET #:
A-3



1 WEST ELEVATION
A-4 SCALE: 1/8" = 1'-0"

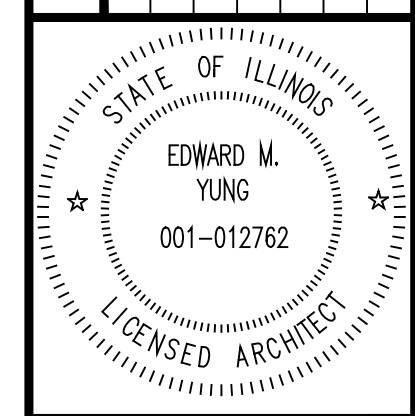


2 EAST ELEVATION
A-4 SCALE: 1/8" = 1'-0"

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CHICAGO, ILLINOIS

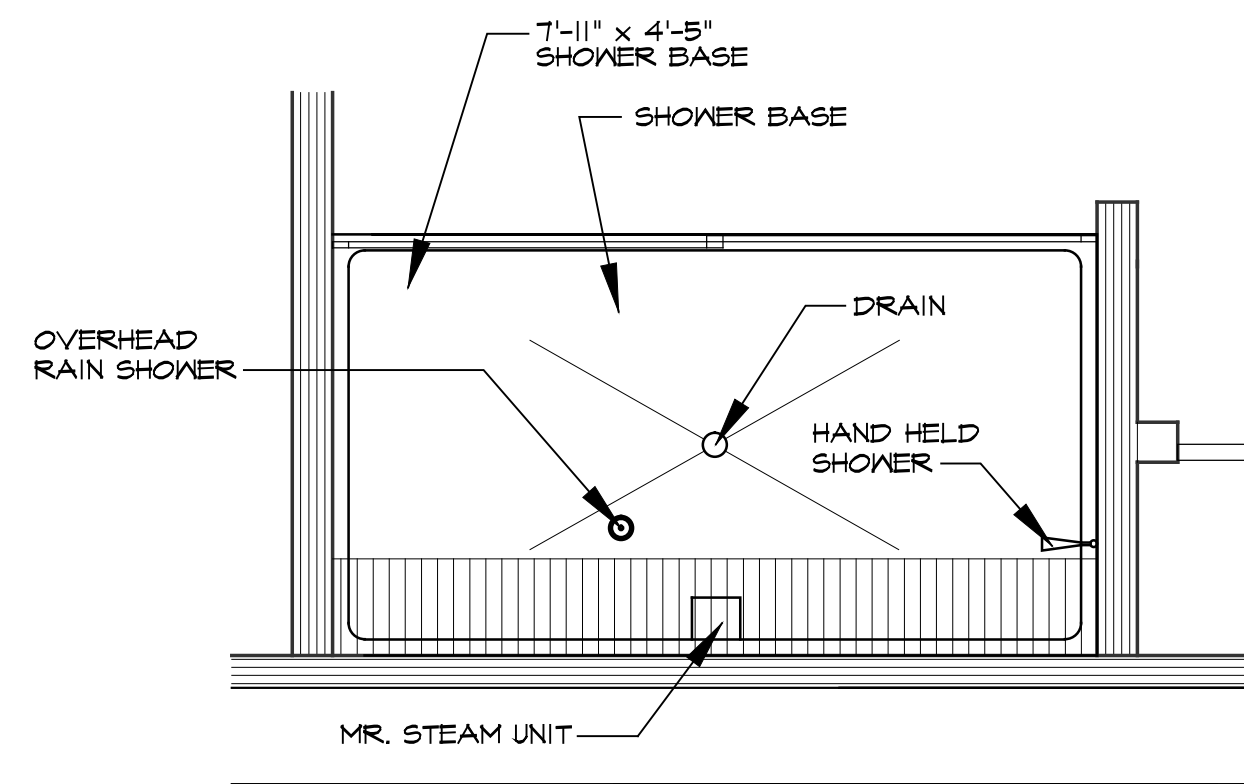
REVISIONS	NUMBER	DATE



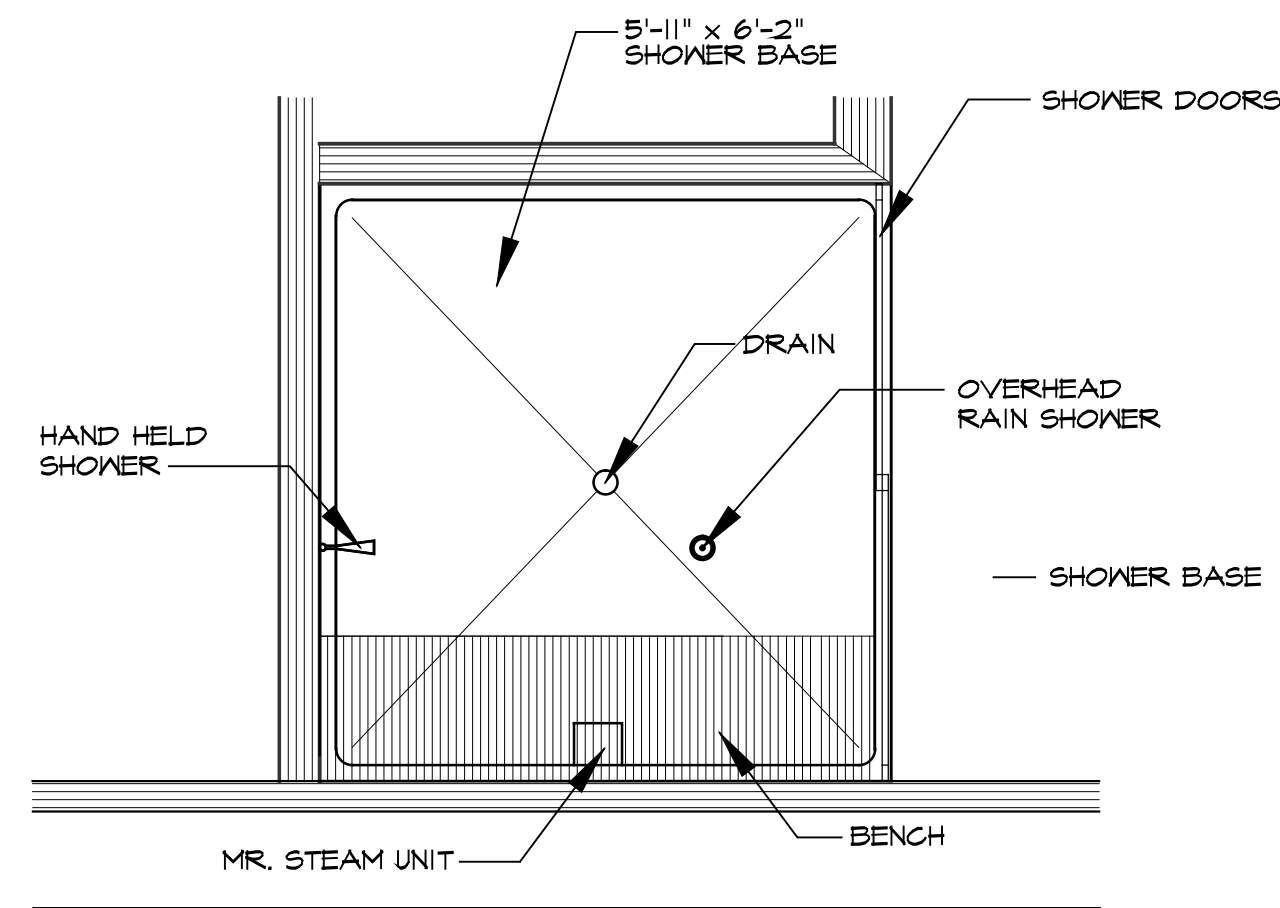
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3-18-2016
PROJECT # 1603

SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES

SHEET #:
A-4



1 ENLARGED EAST STEAM ROOM (FLRS. 1-3)
 A-5 SCALE: 1/2" = 1'-0"

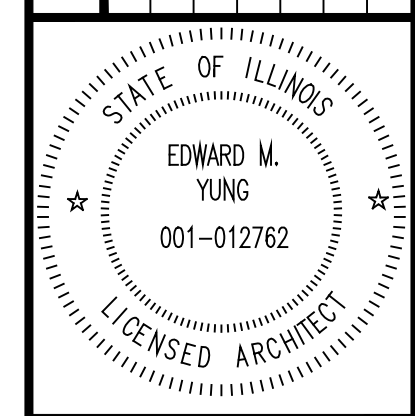


1 ENLARGED EAST STEAM ROOM (BASEMENT)
 A-5 SCALE: 1/2" = 1'-0"

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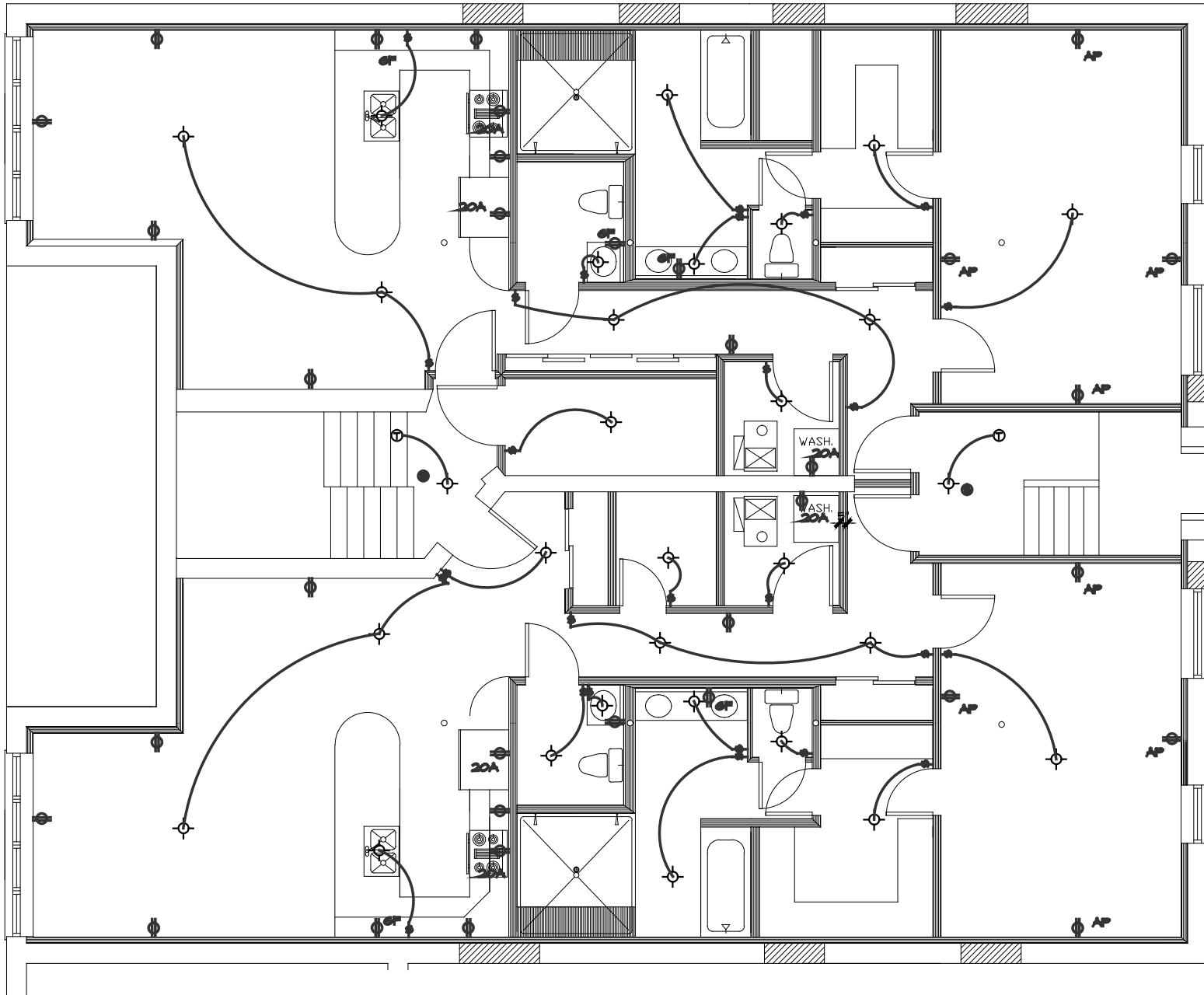


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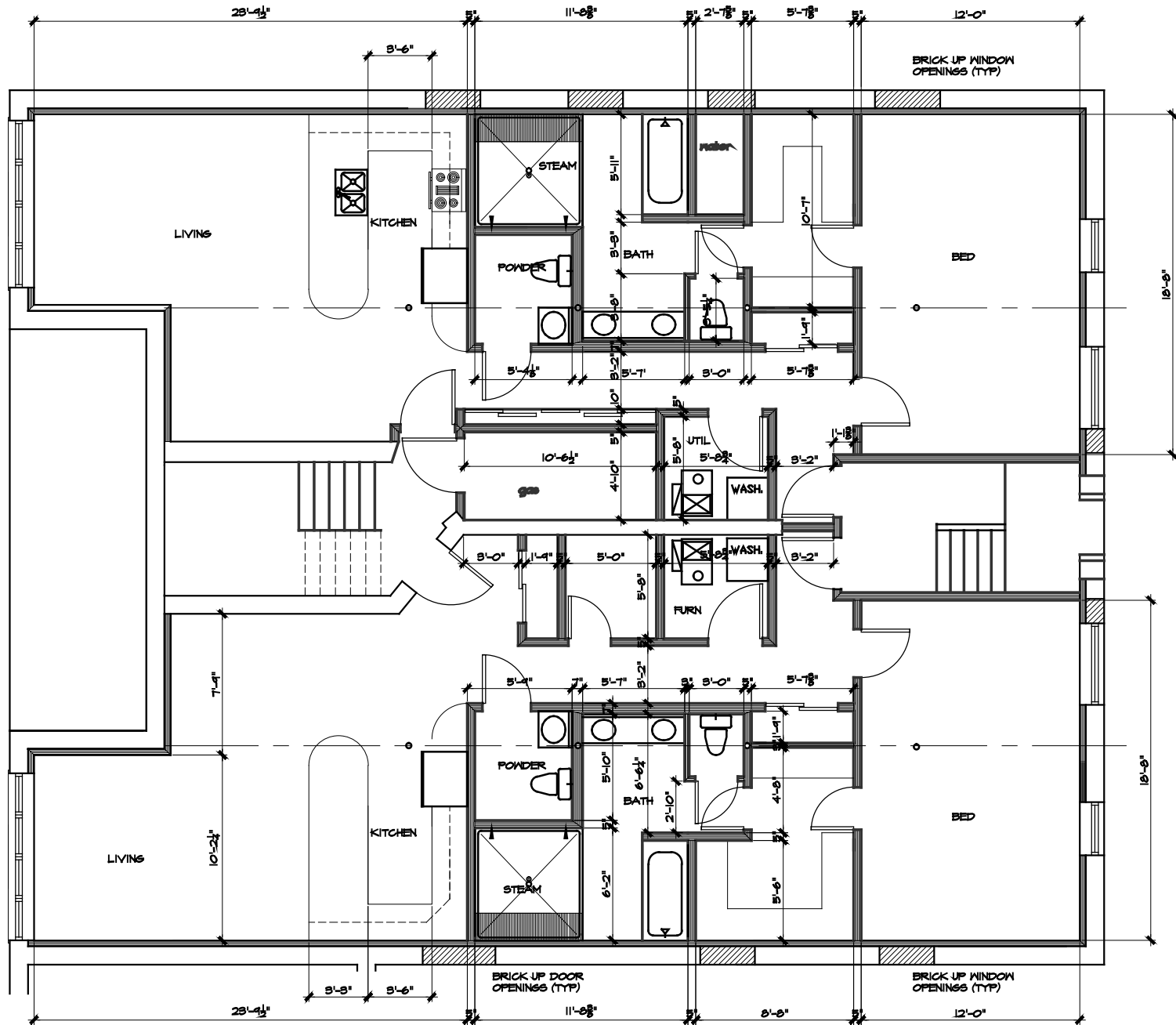
SHEET TITLE:
MECHANICAL PLAN -
PLANS, SCHEDULES
& NOTES

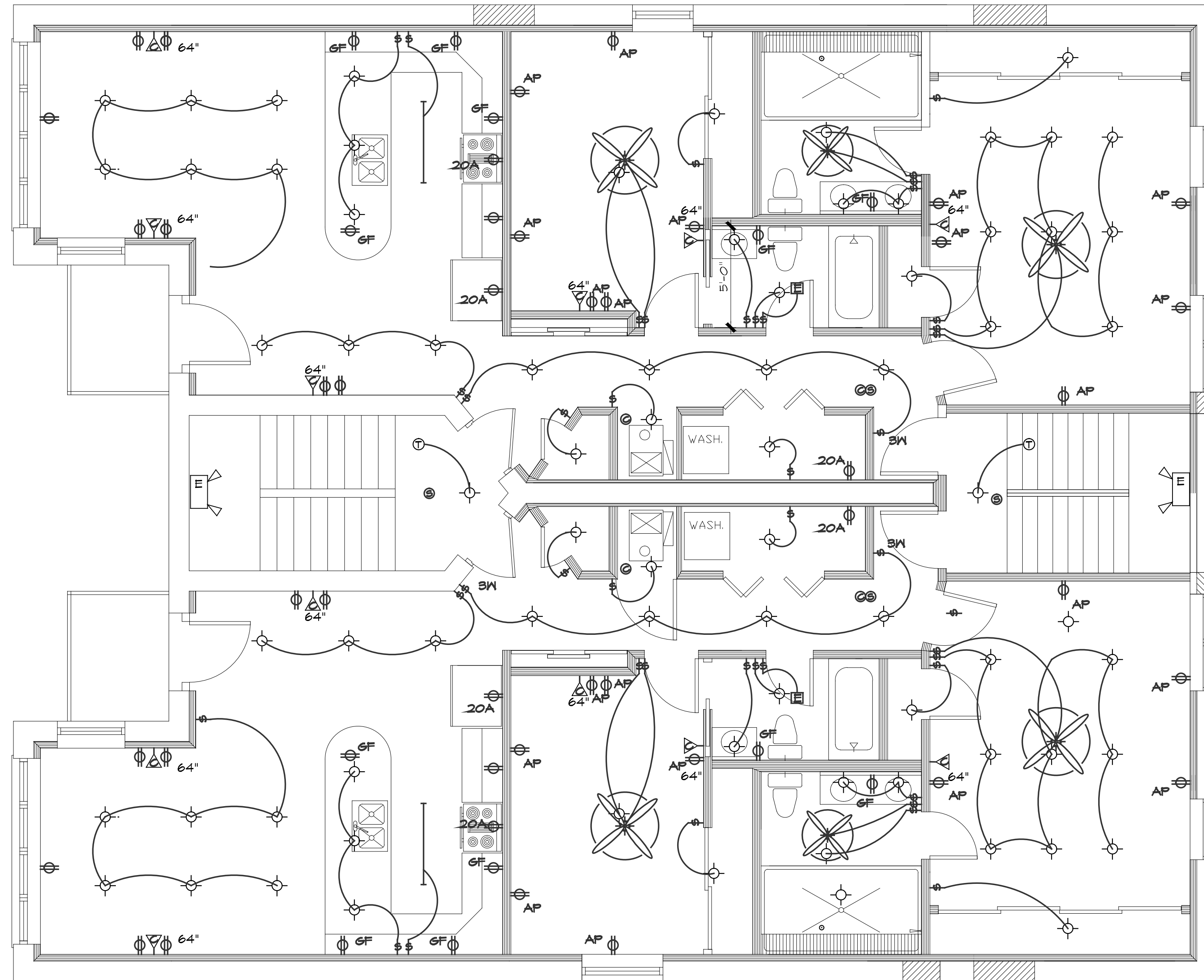
SHEET #:
A-5



REMOVE GL. BLK.
CUT NEAR OPENING
92" X 48" HIGH
FROM T/FOUND.
WALL.


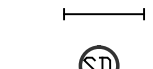











REMOVE GL. BLK.
CUT NEAR OPENING
92" X 48" HIGH
FROM T/FOUND.
WALL.





2 ELECTRICAL PLAN - FIRST TO THIRD FLOORS
 E-2 SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND

-  LED LIGHT FIXTURE
-  FLOURESCENT LIGHT FIXTURE
-  SMOKE DETECTOR HARD WIRED - 110 V. BATTERY BACKUP
-  CARBON MONOXIDE DETECTOR
-  DUPLEX OUTLET
-  DUPLEX OUTLET W/ GROUND FAULT INTERRUPTER
-  DUPLEX OUTLET W/ 20 AMP
-  DUPLEX OUTLET W/ ARC PROTECTION
-  LIGHT SWITCH
-  3-WAY LIGHT SWITCH
-  EXHAUST FAN
-  ELECTRICAL PANEL
-  CEILING FAN

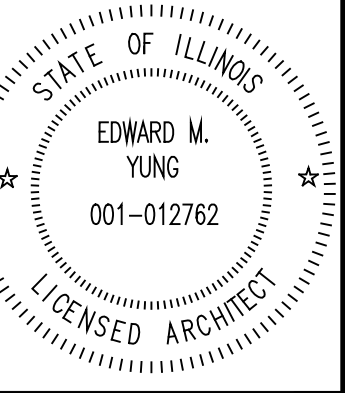
ELECTRICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIAL, EQUIPMENT AND WORKMANSHIP.
7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. UNLESS OTHERWISE NOTED, DISCONNECT AND REMOVE EXISTING ITEMS SUCH AS LIGHTING FIXTURES, OUTLETS, ETC. THAT ARE RENDERED OBSOLETE DUE TO THE ALTERATIONS AND/OR ADDITION. REMOVE ASSOCIATED WIRING AND EXPOSED CONDUIT, CAP AND ABANDON CONCEALED CONDUIT.
9. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING RECEPTACLES, CONDUIT, LIGHTING FIXTURES AND DEVICES IN AREAS WHERE CEILING, WALLS, FLOORS OR PARTITIONS ARE RE-WORKED OR REMOVED. THE CONTRACTOR SHALL TAKE ADEQUATE CARE AND CAUTION AS NOT TO DAMAGE ADJACENT SURFACES.
10. INSTALL NEW SWITCHES AND GROUNDING-TYPE RECEPTACLES. INSTALL NEW CONDUIT AND WIRING TO ALL NEW FIXTURES, SWITCHES AND RECEPTACLES.
11. INSTALL NEW LIGHT FIXTURES AND CEILING FANS. LIGHT FIXTURES AND CEILING FANS TO BE SUPPLIED BY THE OWNER.
12. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK. ALL RECEPTACLES AND TELEPHONE OUTLETS TO BE INSTALLED 1'-0" A.F.F. UNLESS NOTED, SWITCHES 54" A.F.F.
13. CONDUIT RUNS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC. ACTUAL FIELD CONDITIONS SHOULD BE FOLLOWED.
14. WHERE AS A RESULT OF CHANNELING THROUGH OF A CONDUIT, EXISTING PLASTER WALLS ARE MARRED, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR REPAIR. HE SHALL PATCH SUCH AREAS TO A DEGREE OF FINISH AS TO BE PAINTABLE BY ACCEPTABLE STANDARDS OF THE DAY.
15. ALL SYSTEMS SHALL BE COMPLETE AND OPERATING, PROVIDE ALL MATERIALS, CONDUIT WIRING, JUNCTION BOXES, ETC. AS REQUIRED.
16. ALL FIXTURES SHALL BE INSTALLED AT THE HEIGHT NOTED IN THE LIGHTING SCHEDULE.
17. APPROVED TYPE CEILING BOXES ARE REQUIRED FOR PADDLE FAN NOT IN EXCESS OF 95 POUNDS.
18. CLOSET LIGHTS SHALL OF THE FOLLOWING CLEARANCE FROM SHELVES AND HAVE A GLOBE OVER IT:
 - 18.1. FLUORESCENT FIXTURES SHALL HAVE A 6" SPACE FROM THE EDGE OF THE SHELF.
 - 18.2. INCANDESCENT FIXTURES SHALL HAVE A 12" SPACE FROM THE EDGE OF THE SHELF.
19. ALL OUTLETS TO BE MOUNTED ABOVE COUNTERTOP IN KITCHEN.
20. ALL ELECTRICAL OUTLETS WITHIN 6'-0" OF ANY SINK OR WATER SOURCE SHALL BE GROUND FAULT PROTECTED.
21. ALL ELECTRICAL OUTLETS IN SLEEPING ROOMS & BEDROOMS SHALL BE "ARC-FAULT" PROTECTED.
22. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CITY OF CHICAGO BUILDING CODES.

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RESIDENTIAL REHABILITATION
 350 EAST 50TH STREET
 CHICAGO, ILLINOIS

DATE	REVISIONS	NUMBER

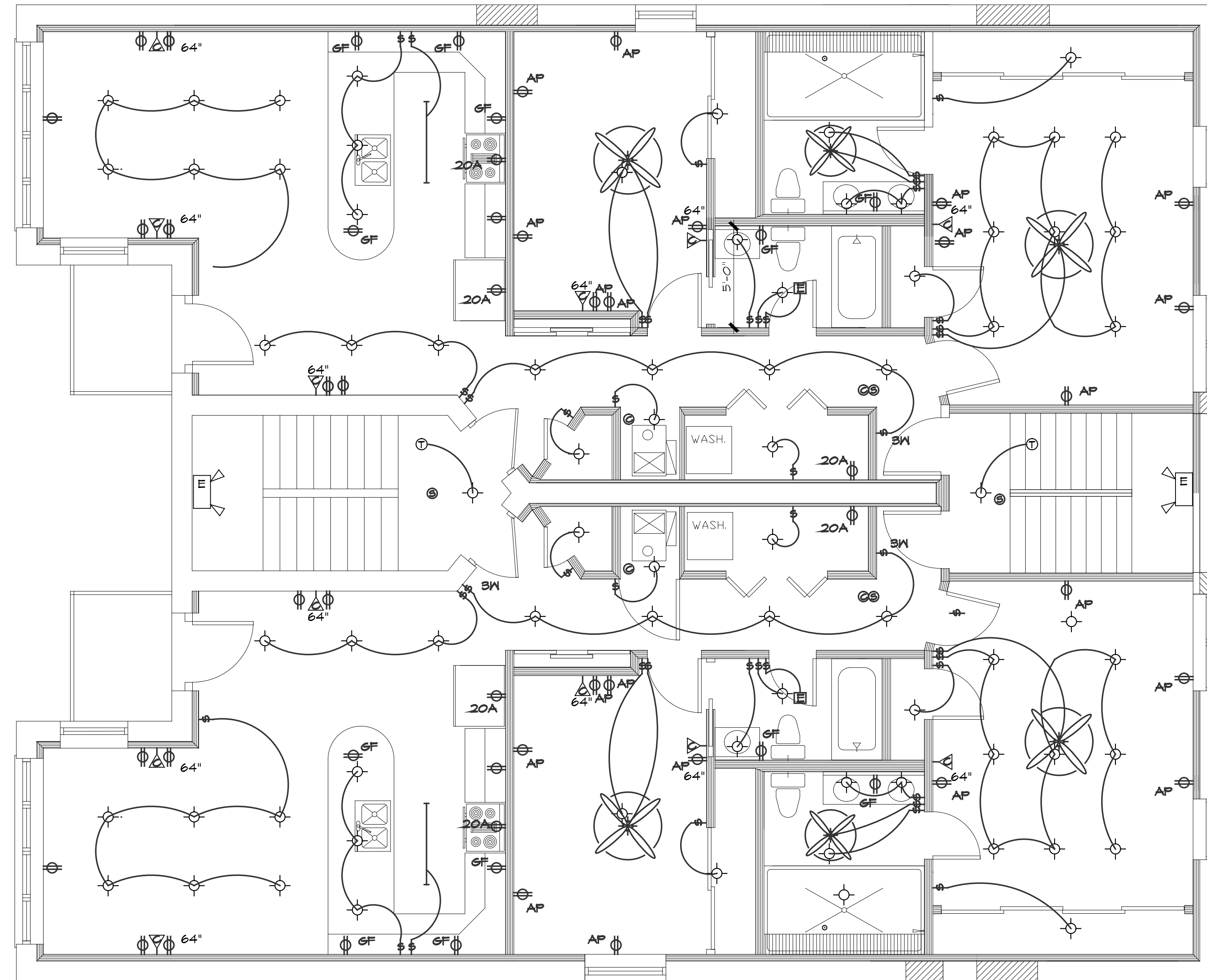


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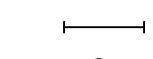










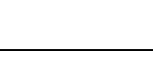
SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES

SHEET #:
E-1



2 ELECTRICAL PLAN - FIRST TO THIRD FLOORS
 E-2 SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND

-  LED LIGHT FIXTURE
-  FLOURESCENT LIGHT FIXTURE
-  SMOKE DETECTOR HARD WIRED - 110 V. BATTERY BACKUP
-  CARBON MONOXIDE DETECTOR
-  DUPLEX OUTLET
-  DUPLEX OUTLET W/ GROUND FAULT INTERRUPTER
-  DUPLEX OUTLET W/ 20 AMP
-  DUPLEX OUTLET W/ ARC PROTECTION
-  LIGHT SWITCH
-  3-WAY LIGHT SWITCH
-  EXHAUST FAN
-  ELECTRICAL PANEL
-  CEILING FAN

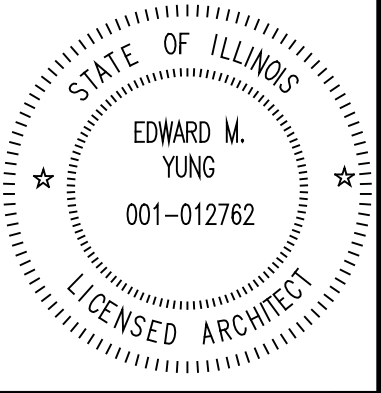
ELECTRICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIAL, EQUIPMENT AND WORKMANSHIP.
7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. UNLESS OTHERWISE NOTED, DISCONNECT AND REMOVE EXISTING ITEMS SUCH AS LIGHTING FIXTURES, OUTLETS, ETC. THAT ARE RENDERED OBSOLETE DUE TO THE ALTERATIONS AND/OR ADDITION. REMOVE ASSOCIATED WIRING AND EXPOSED CONDUIT, CAP AND ABANDON CONCEALED CONDUIT.
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15. ALL SYSTEMS SHALL BE COMPLETE AND OPERATING, PROVIDE ALL MATERIALS, CONDUIT WIRING, JUNCTION BOXES, ETC. AS REQUIRED.
16. ALL FIXTURES SHALL BE INSTALLED AT THE HEIGHT NOTED IN THE LIGHTING SCHEDULE.
17. APPROVED TYPE CEILING BOXES ARE REQUIRED FOR PADDLE FAN NOT IN EXCESS OF 95 POUNDS.
18. CLOSET LIGHTS SHALL OF THE FOLLOWING CLEARANCE FROM SHELVES AND HAVE A GLOBE OVER IT:
 - 18.1. FLUORESCENT FIXTURES SHALL HAVE A 6" SPACE FROM THE EDGE OF THE SHELF.
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20. ALL ELECTRICAL OUTLETS WITHIN 6'-0" OF ANY SINK OR WATER SOURCE SHALL BE GROUND FAULT PROTECTED.
21. ALL ELECTRICAL OUTLETS IN SLEEPING ROOMS & BEDROOMS SHALL BE "ARC-FAULT" PROTECTED.
22. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CITY OF CHICAGO BUILDING CODES.

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RESIDENTIAL REHABILITATION
 350 EAST 50TH STREET
 CHICAGO, ILLINOIS

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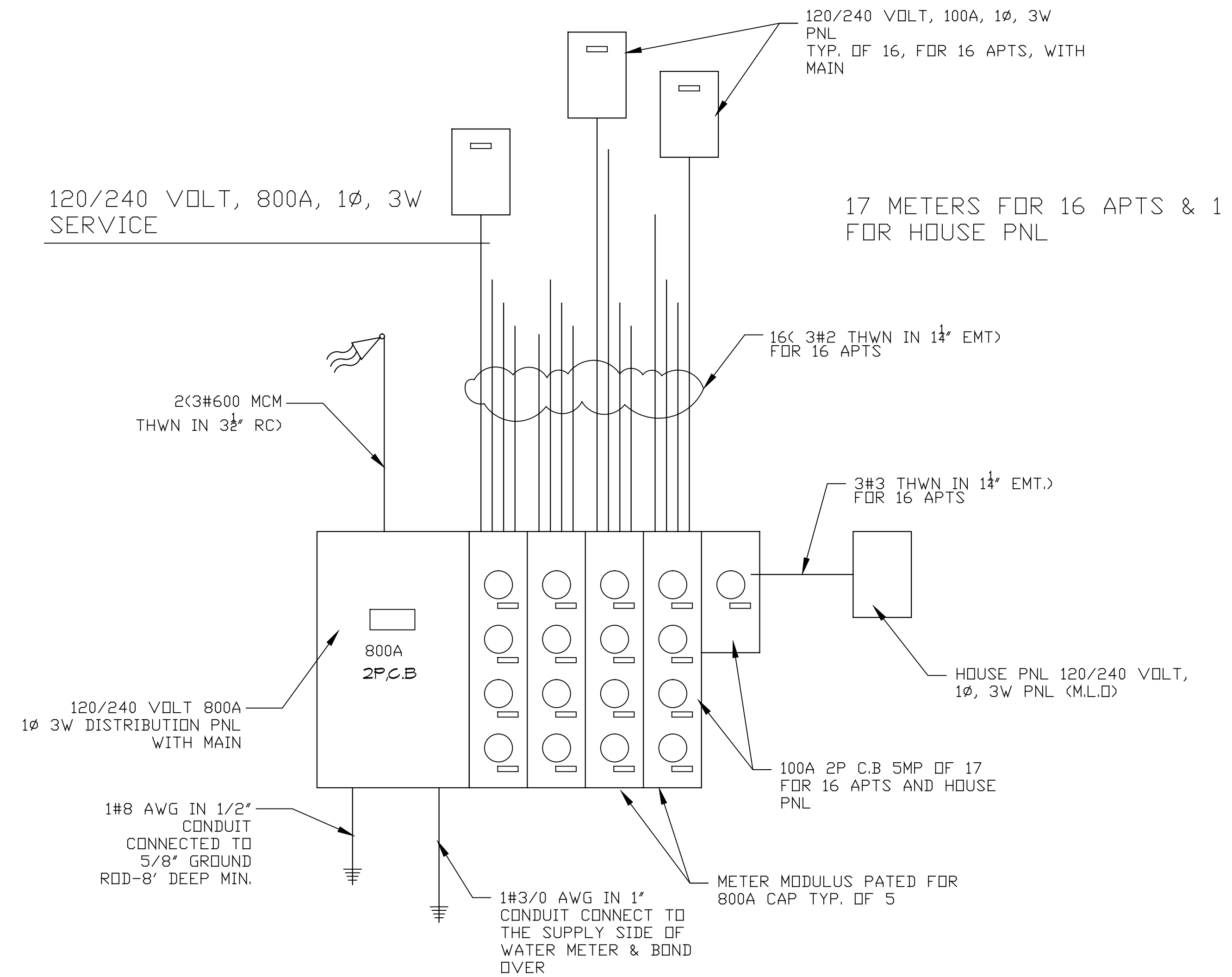
PROJECT # 1603

SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES

SHEET #:
E-2

PANELBOARD SCHEDULE "PNL-										
LOAD	VA	P	A	CCT	A	P	VA	LOAD		
A/C	2145	2	30	1 2	15	1	600	KITCHEN LT.		
	2145			3 4	15	1	225	HALLWAY LT.		
FURNACE	588	1	15	5 6	15	1	540	HALLWAY OUTLETS		
REFRIGERATOR	1176	1	20	7 8	15	1	875	BEDRM-1 & 2, BATH-1 & 2 LT		
KITCHEN OUTLETS	1500	1	20	9 10	15	1	240	BATH-1 & 2 EXHAUST		
KITCHEN OUTLETS	1500	1	20	11 12	15	1	294	BED RM-1 CEILING PAN		
LIVING/DINING LT	825	1	20	13 14	15	1	294	BED RM-2 CEILING PAN		
LIVING/DINING OUTLETS	540	1	15	15 16	15	1	75	BALCONY LT		
"	720	1	15	17 18						
				19 20						
				21 22						
				23 24						
				25 26						
				27 28						
				29 30						
				31 32						
				33 34						
				35 36						
				37 38						
				39 40						
				41 42						
TOTAL LOAD :		4282 VA, 60 A		BALANCED LOAD :		6830 VA				
SERVICE :		120 / 240 V, 1 ϕ , 3 W		MAINS:		100 A, C.B.				

2 TYP. PANEL SCHEDULE (TYPE-B, -C1, -C2)
SCALE: N.T.S

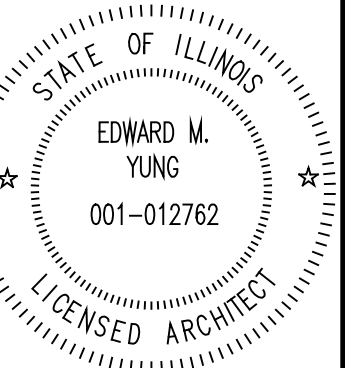


3 1-LINE ELECTRICAL RISER DIAGRAM
SCALE: N.T.S

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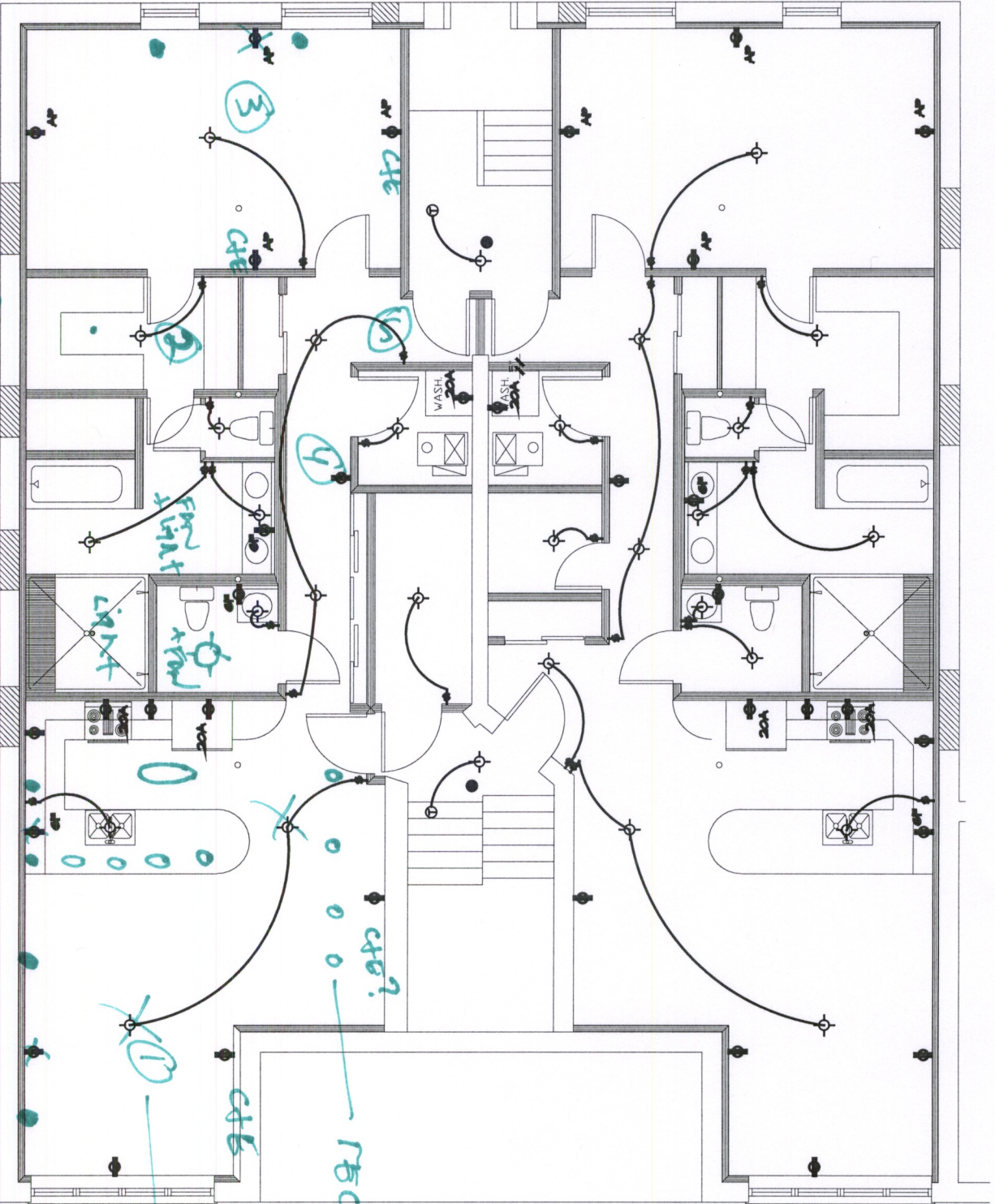
RESIDENTIAL REHABILITATION
350 EAST 50TH STREET
CHICAGO, ILLINOIS

DATE	REVISIONS	NUMBER



DATE ISSUED:
3-18-2016
PROJECT # 1603
SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES
SHEET #:
E-3

Basement



3 recessed

2-3 recessed
4 recessed
2 recessed

8-10 recessed

recessed

3

4

10

CAB

CAB

CAB?

WASH.

WASH.

FRONT LIGHT

LINT

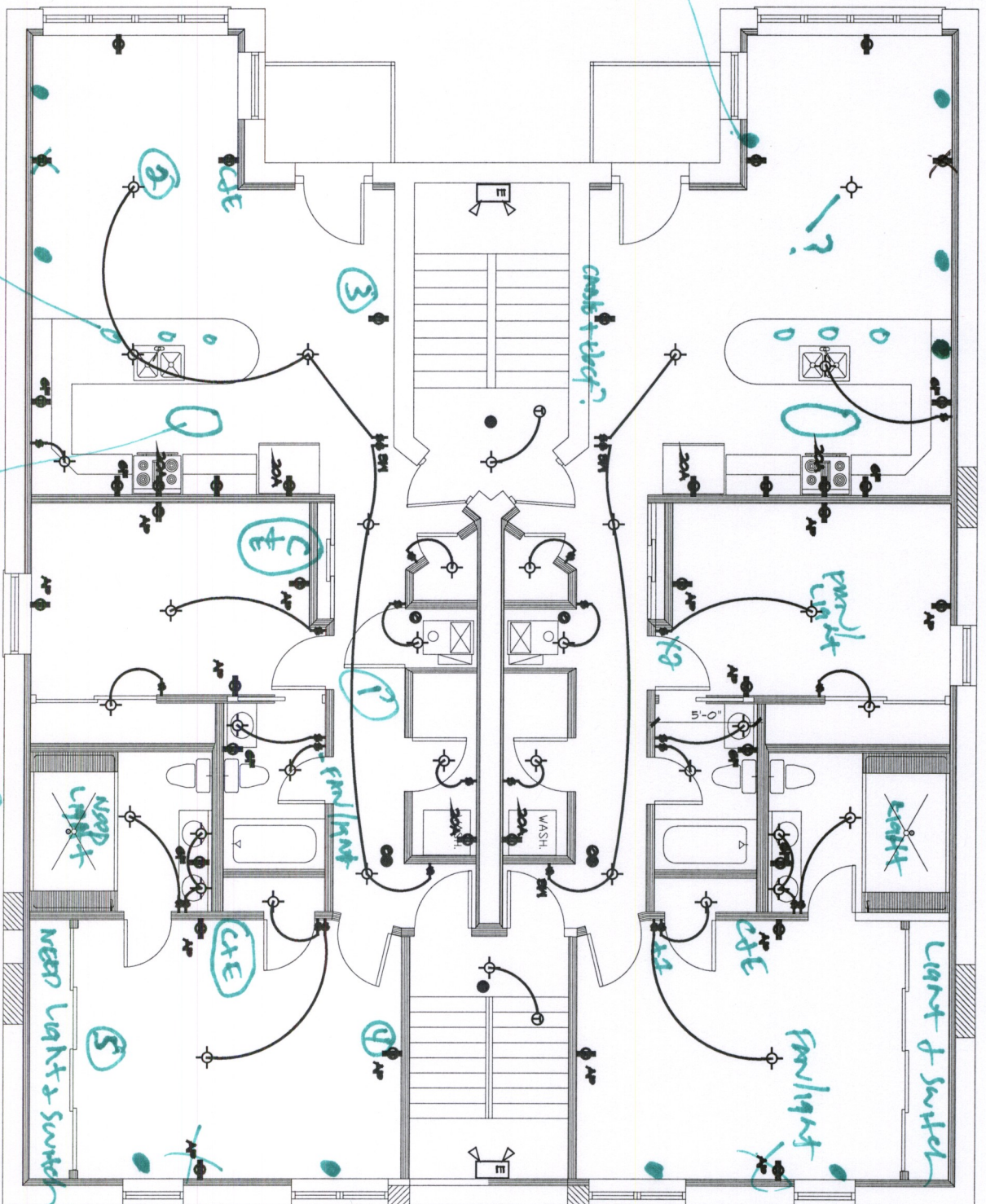
LINT

WASH.

WASH.

CABLE
feet?

③ ADD ± 3
NECESSED
SWITCH
NEAR
DOOR



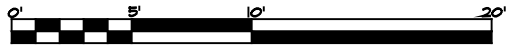
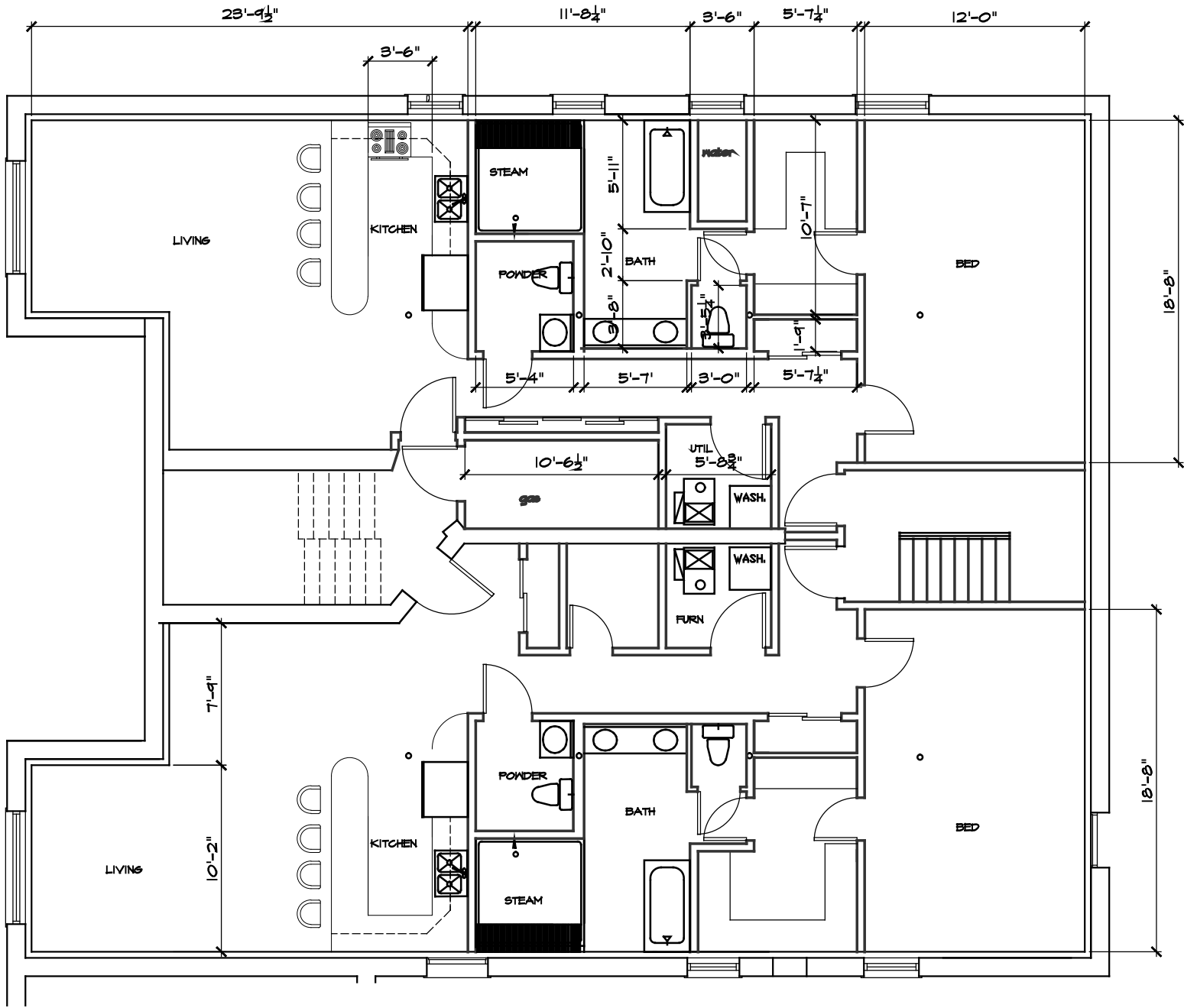
② change to 4-6 RECESSED

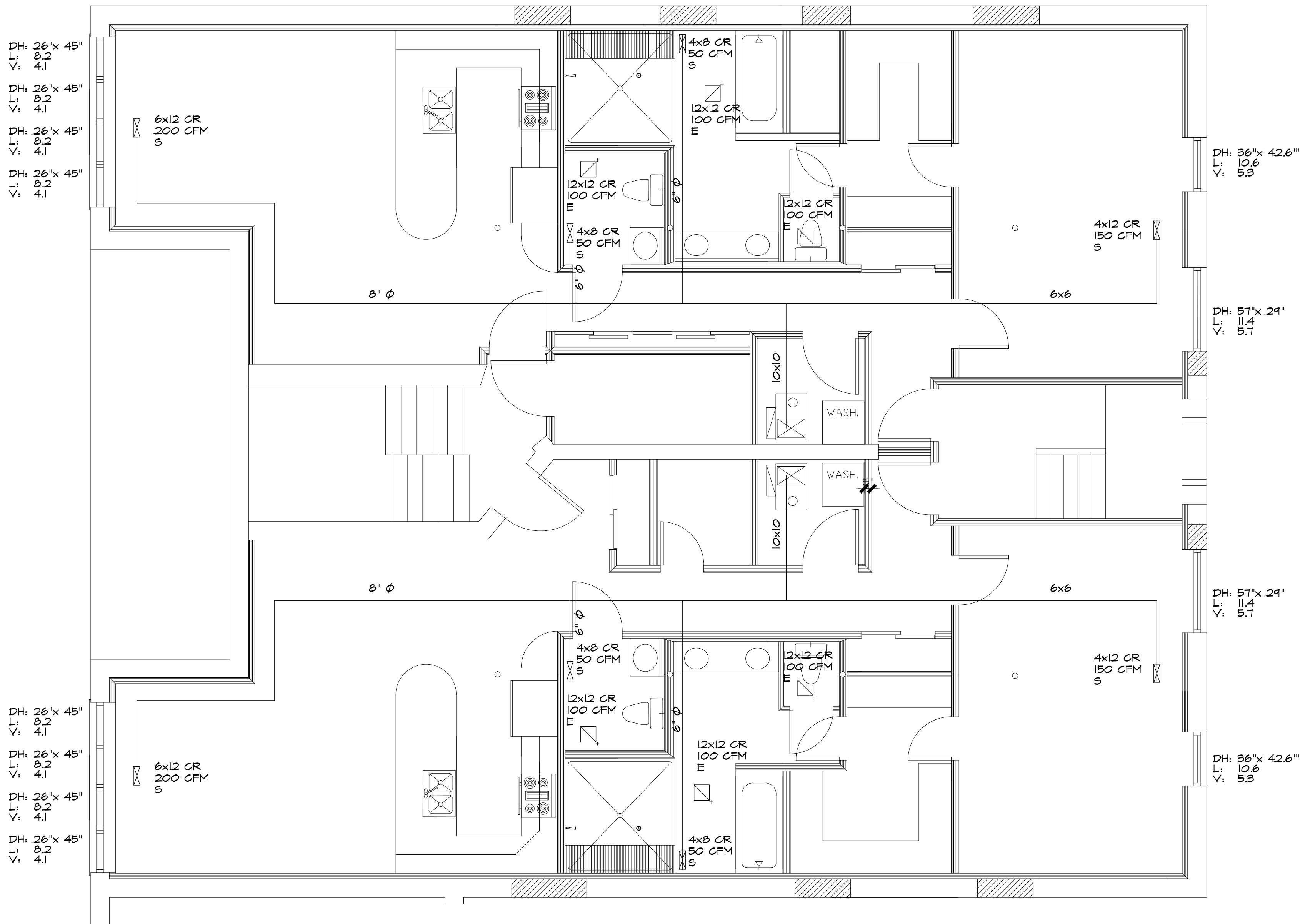
PENDANTS
KOD: UNDER CABINET LIGHTS

① change to recessed x 4-5

⑤ 2 recessed

④ 2 RECESSED





2 ELECTRICAL PLAN - BASEMENT
E-2 SCALE: 1/4" = 1'-0"

MECHANICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS
7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. HEAT ALL ROOMS -10 DEGREES OUTSIDE TO 70 DEGREES INSIDE.
9. ALL SUPPLY BRANCHES ARE TO BE DAMPERED AND BALANCED. ALL DAMPERS SHALL BE LOCK-TYPE
10. ALL SUPPLY AND RETURN AIR DUCTS ARE TO BE INSULATED WITH 1/2" DUCT LINER OR EQUAL AIRWAY SIZES SHOWN ON THE PLAN. (OWNER'S OPTION, SUBMIT BID WITH AND WITHOUT)
11. REGISTER'S, GRILLES, AND DIFFUSERS ARE TO BE HART AND COOLEY OR EQUAL. FLOOR REGISTERS SHALL BE MAXIMUM 4" AWAY FROM WALL.
12. ALL DUCTWORK IS TO FABRICATED IN SHEET METAL AND INSTALLED PER LATEST A.S.H.R.A.E. RECOMMENDATIONS.
13. ALL FRESH AIR INTAKES SHALL HAVE MANUAL DAMPERS PER UNIT, BACK DRAFT DAMPERS AND INSECT SCREEN.
14. ALL EXHAUST FANS ARE TO BE INSTALLED WITH ROOF CURBS, BACK DRAFT DAMPERS AND BIRD SCREENS.
15. ALL CUTTING AND PATCHING CAUSED BY THIS WORK SHALL BE DONE BY THIS CONTRACTOR.
16. ALL OPENINGS THRU THE ROOF SHALL BE PROVIDED BY THIS CONTRACTOR.
17. THE EQUIPMENT NOISE LEVEL SHALL NOT EXCEED 55 DBA AT THE LOT LINE.
18. ALL O.A.I. SHALL BE MIN. 15'-0" AWAY FROM ANY EXHAUST OR CONTAMINANTS AND 10' ABOVE GRADE.
19. ALL FURNACES SHALL HAVE A HUMIDIFYING DEVICE.
20. ALL WORK IS TO CONFORM WITH THE CITY OF CHICAGO BUILDING CODES.

VENTILATION SCHEDULE / HEATING SCHEDULE

ROOM PURPOSE	FLOOR AREA (SQ. FT.)	NATURAL VENTILATION				MECHANICAL VENTILATION				HEATING DATA			REMARKS	
		CODE REQ. (S.F.)	GLASS VENT (S.F.)	ACTUAL (S.F.)	GLASS VENT (S.F.)	CODE REQ. (CFM)	EXH (CFM)	ACTUAL (CFM)	GLASS VENT (CFM)	BASIS OF HEAT LOSS CALCULATIONS	ACTUAL LOSS (BTU/H)	SUPPLY CFM @ 75°F		
WEST UNIT														
LIVING/KITCH	954	28	14	32.8	16.4					N/AH & ACA	16155	143	200	
BED ROOM 1	224	18	9	22.0	11.0					N/AH & ACA	10080	84	150	
BATH 1	82	NR	NR	NR	NR					N/AH & ACA	1440	50	50	
BATH 2	124	NR	NR	NR	NR					N/AH & ACA	5805	50	50	
										TOTAL LOSS	33480	TOTAL	450	
										TOTAL X 15%	38502			

FURNACE SCHEDULE

TAG	MANUFACTURER	MODEL #	INPUT (BTUH)	OUTPUT (BTUH)	CFM	ORIENTATION	LOCATION
F-1	LENNOX	LENNOX	88,000	81,000	-	UPFLOW	BASEMENT
F-2	LENNOX	LENNOX	70,000	60,000	-	UPFLOW	CRAWL-SPACE
F-3	LENNOX	LENNOX	40,000	72,000	-	DOWNFLOW	ATTIC

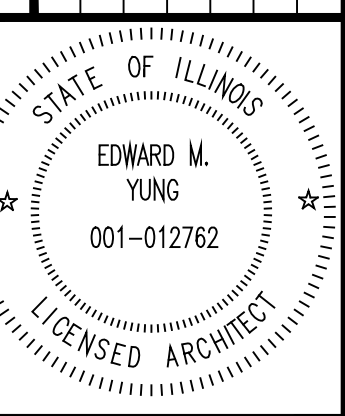
EXHAUST FAN SCHEDULE

TAG	MANUFACTURER	MODEL #	OUTPUT (CFM)
EXH-1	BROAN	BROAN	100

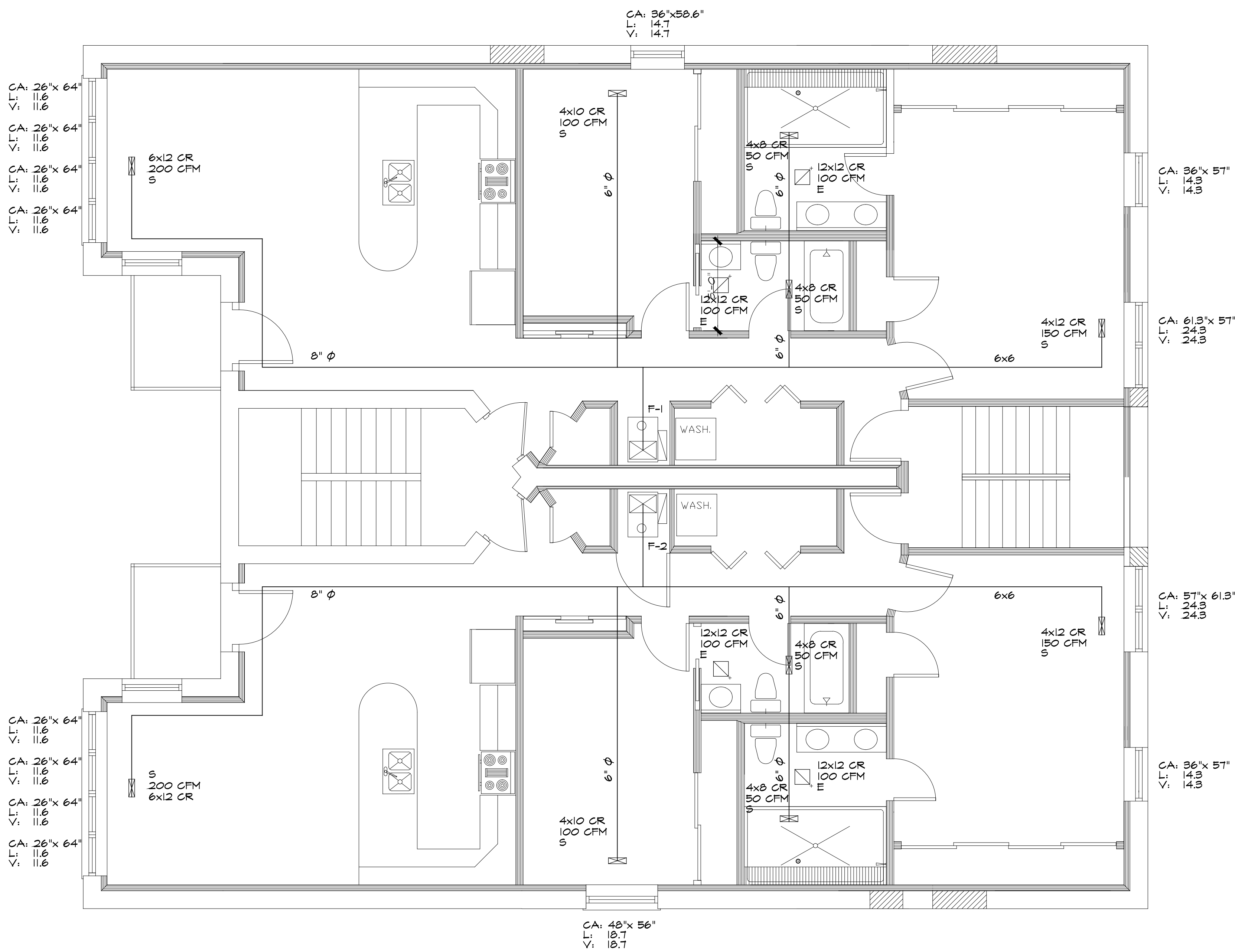
YUNG Architects
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TELEPHONE: (847) 845-3352 EMAIL: YUNGARCH@COMCAST.NET

RESIDENTIAL REHABILITATION
350 EAST 50TH STREET
CHICAGO, ILLINOIS

DATE	REVISIONS



DATE ISSUED:
3-18-2016
PROJECT # 1603
SHEET TITLE:
MECHANICAL PLAN -
PLANS, SCHEDULES
& NOTES
SHEET #:
M-1



2 ELECTRICAL PLAN - FIRST TO THIRD FLOORS
 E-2 SCALE: 1/4" = 1'-0"

MECHANICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS
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8. HEAT ALL ROOMS -10 DEGREES OUTSIDE TO 70 DEGREES INSIDE.
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10. ALL SUPPLY AND RETURN AIR DUCTS ARE TO BE INSULATED WITH 1/2" DUCT LINER OR EQUAL AIRWAY SIZES SHOWN ON THE PLAN. (OWNER'S OPTION, SUBMIT BID WITH AND WITHOUT)
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19. ALL FURNACES SHALL HAVE A HUMIDIFYING DEVICE.
20. ALL WORK IS TO CONFORM WITH THE CITY OF CHICAGO BUILDING CODES.

VENTILATION SCHEDULE / HEATING SCHEDULE

ROOM PURPOSE	FLOOR AREA (SQ. FT.)	NATURAL VENTILATION				MECHANICAL VENTILATION				HEATING DATA			REMARKS	
		CODE REQ.	GLASS VENT (S.F.)	ACTUAL VENT (S.F.)	ACTUAL VENT (S.F.)	CODE REQ.	SUP. (CFM)	EXH (CFM)	GLASS VENT (CFM)	ACTUAL VENT (CFM)	BASIS OF HEAT LOSS CALCULATIONS	ACTUAL LOSS (BTU/H)		SUPPLY CFM @ 15°F
FIRST FLOOR														
LIVING/KITCH	340	27	13.5	46.4	46.4					N/AH & ACA	15300	135	200	
BED ROOM 1	138	11	5.5	14.7	14.7					N/AH & ACA	6210	55	100	
BED ROOM 2	234	19	9.5	33.6	33.6					N/AH & ACA	10530	93	150	
BATH 1	38	NR	NR							N/AH & ACA	1710	50	50	
BATH 2	58	NR	NR							N/AH & ACA	2610	50	50	
TOTAL LOSS											36360	TOTAL	550	
TOTAL X 15%											41814			

FURNACE SCHEDULE

TAG	MANUFACTURER	MODEL #	INPUT (BTUH)	OUTPUT (BTUH)	CFM	ORIENTATION	LOCATION
F-1	LENNOX	ML19BUH10P60C M	60,000	55,000	-	UPFLOW	EACH UNIT
F-2	LENNOX	ML19BUH10P60C M	60,000	55,000	-	UPFLOW	EACH UNIT

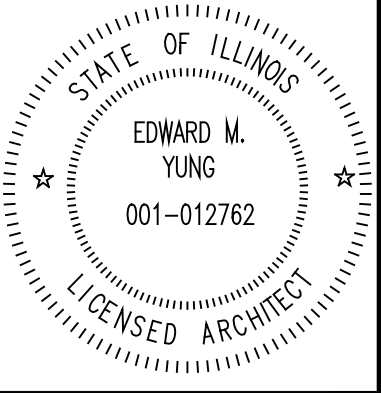
EXHAUST FAN SCHEDULE

TAG	MANUFACTURER	MODEL #	OUTPUT (CFM)
EXH-1	BROAN	BROAN	100

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 350 EAST 50TH STREET
 CHICAGO, ILLINOIS

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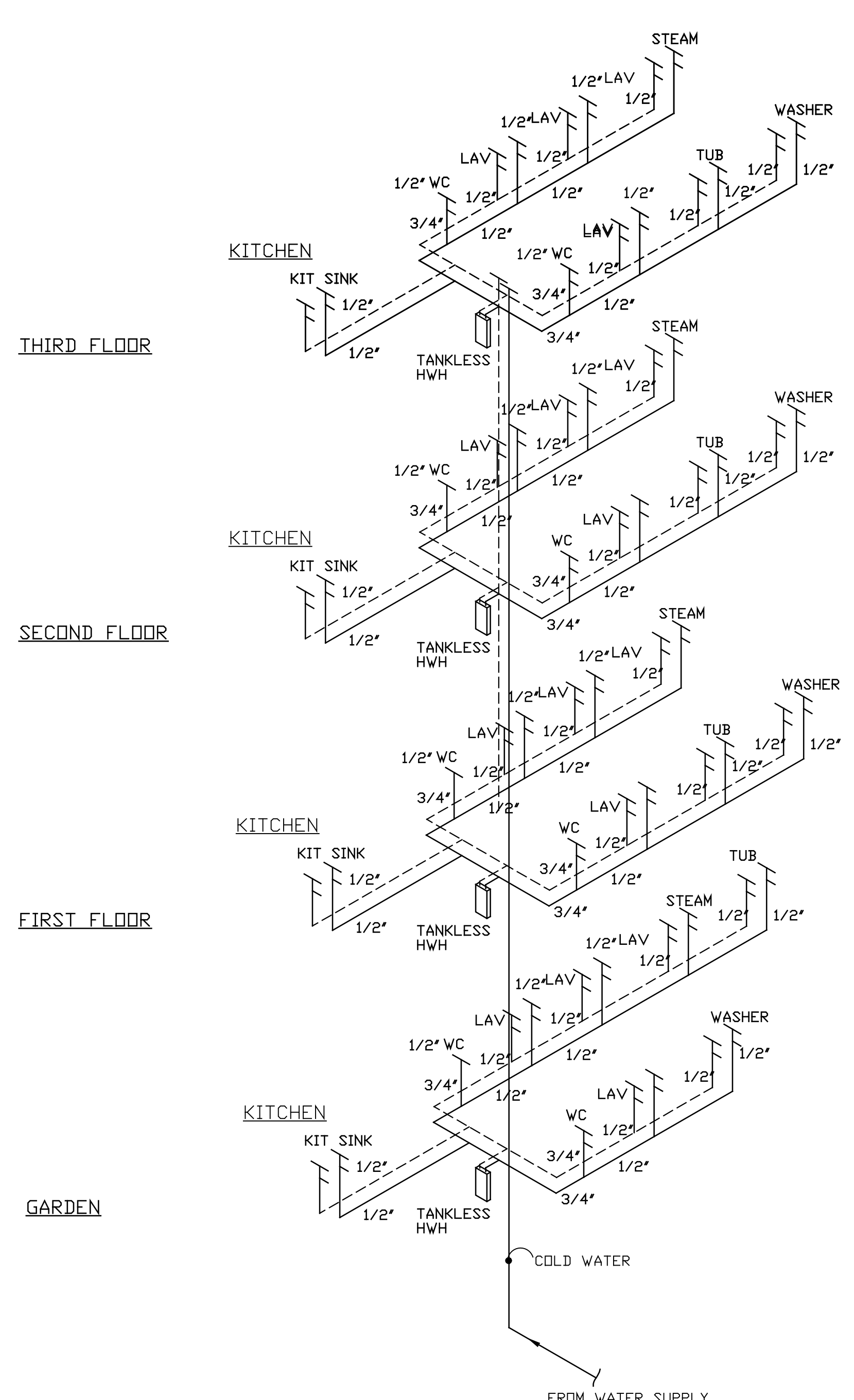


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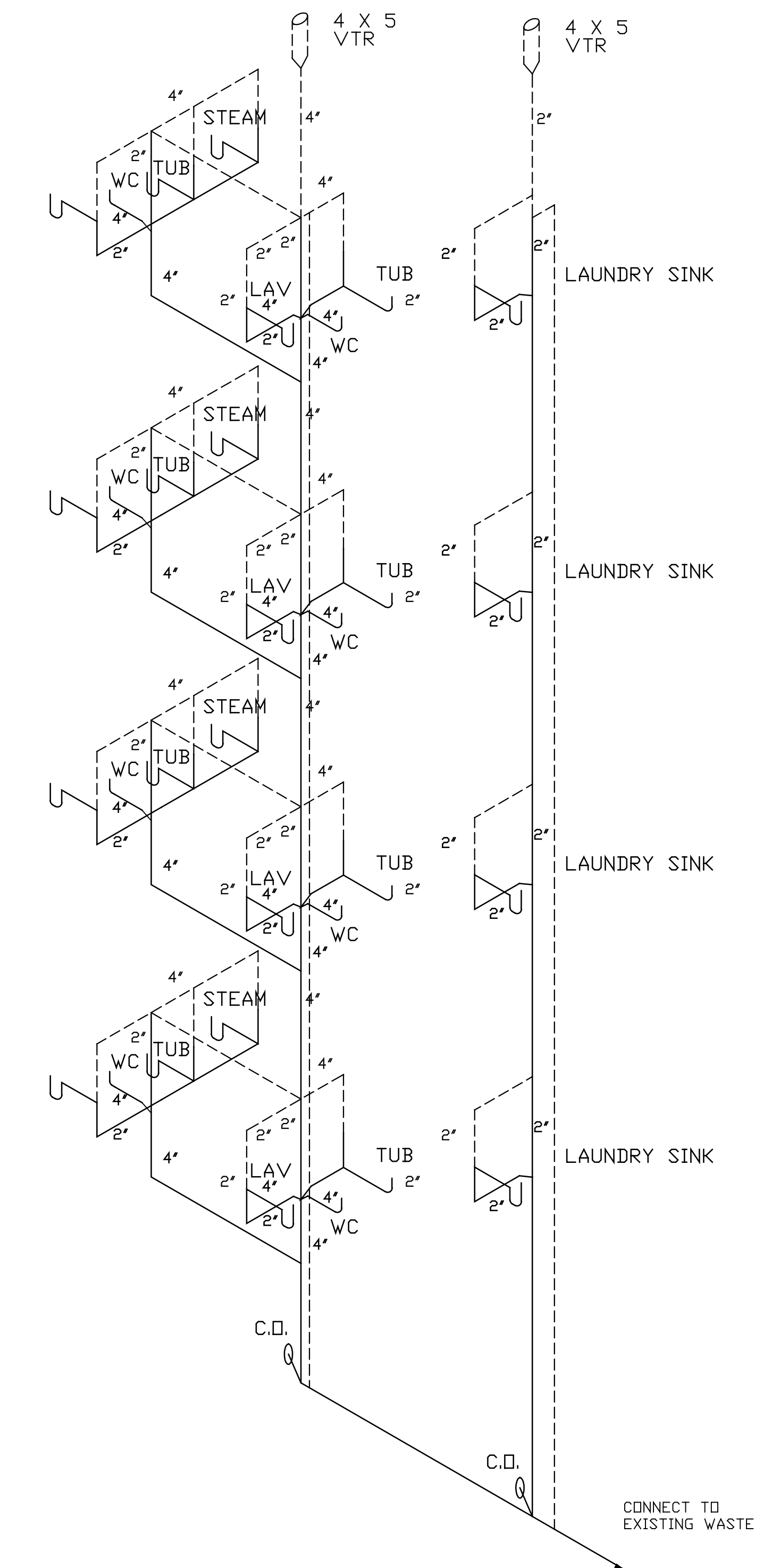
PROJECT # 1603

SHEET TITLE:
MECHANICAL PLAN -
PLANS, SCHEDULES
& NOTES

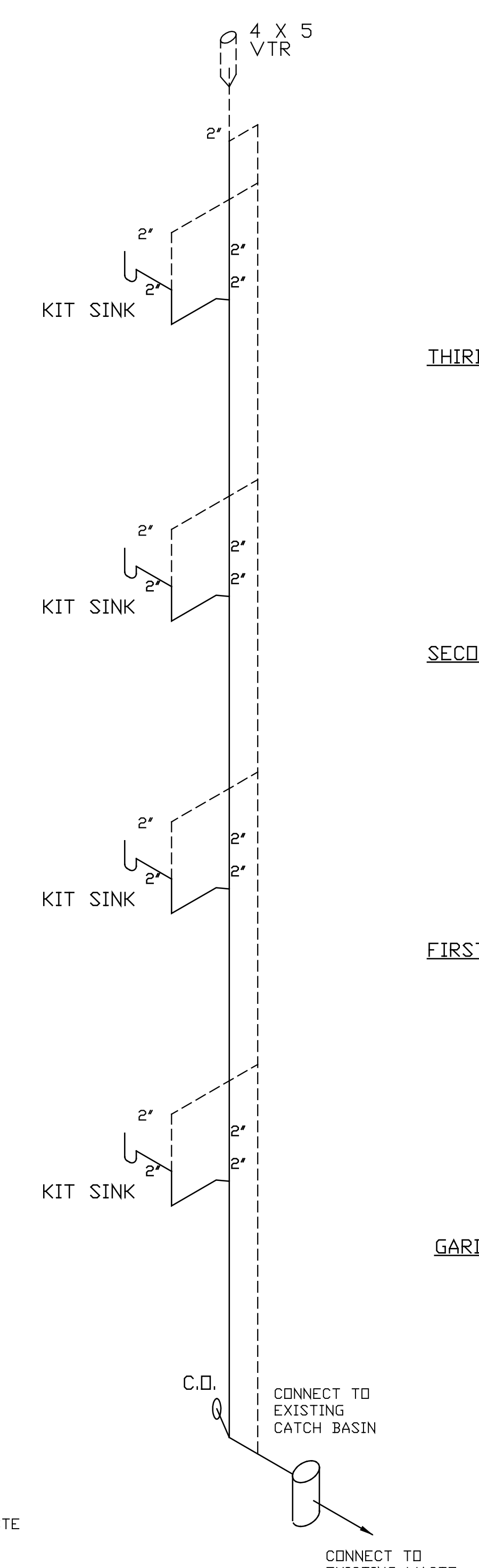
SHEET #:
M-1



WATER SUPPLY DIAGRAM
N.T.S.



WASTE DIAGRAM



KITCHEN WASTE DIAGRAM

PLUMBING NOTES:

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7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. ALL CUTTING AND PATCHING CAUSED BY THIS WORK SHALL BE DONE BY THIS CONTRACTOR.
9. ALL OPENINGS THRU THE ROOF SHALL BE PROVIDED BY THIS CONTRACTOR.
10. ALL ABOVE GROUND VENTS AND SEWER PIPING SHALL BE STANDARD WEIGHT CAST IRON.
11. ALL NEW DOMESTIC HOT AND COLD WATER LINES SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE WITH GALVANIZED MALLEABLE IRON SCREENED FITTINGS OR COPPER TYPE "L" PIPING.
12. INSULATE ALL CONGEALED COLD WATER PIPING WITH "L" FIBERGLASS INSULATION WITH VAPOR BARRIER. INSULATE ALL COLD WATER PIPING IN BASEMENT.
13. VENT STACK SHALL TERMINATE AT A POINT 12" ABOVE THE ROOF.
14. REMOVE ALL UNUSED PIPING TO WITHIN THE WALLS OR FLOORS AND CAP.
15. INSTALL NEW PIPING AS SHOWN ON DRAWINGS. ALL PIPING TO BE CONCEALED IN WALLS AND FLOORS.
16. INSTALL NEW SHUT-OFF VALVES AT EACH FIXTURE.
17. CONTRACTOR TO VERIFY USE OF EXISTING SUMP PIT. IF EXISTING PUMP USE FOR SANITARY, CONNECT WASTE LINE TO PIT. IF PIT USE FOR WATER DRAINAGE, NEW SUMP PIT WITH EJECTOR OR PUMP & CHECK VALVE REQUIRED.
18. ALL WORK IS TO CONFORM WITH THE CITY OF CHICAGO BUILDING CODES & ILLINOIS STATE PLUMBING CODES

FIXTURE COUNT - 1ST FLOOR

	EXISTING	NEW	REPLACED
WATER CLOSET	1	-	1
LAVATORIES	1	-	1
TUBS	1	-	1
SHOWERS	-	-	-
WASHERS	-	1	-
KITCHEN SINKS	1	-	1
DISHWASHER	-	1	-
FLOOR DRAINS	-	1	-
HOT WATER HEATER	1	-	1
TOTAL	5	3	5
TOTAL FOR FLOOR		3	

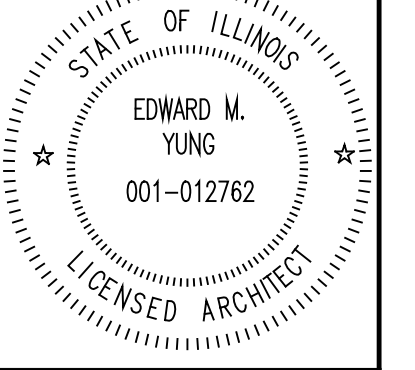
FIXTURE COUNT - 2ND FLOOR

	EXISTING	NEW	REPLACED
WATER CLOSET	1	2	1
LAVATORIES	1	4	1
TUBS	1	-	1
SHOWERS	-	2	-
WASHERS	-	1	-
KITCHEN SINKS	-	-	-
DISHWASHER	-	-	-
FLOOR DRAINS	-	1	-
HOT WATER HEATER	-	1	-
TOTAL	3	11	3
TOTAL FOR FLOOR		14	

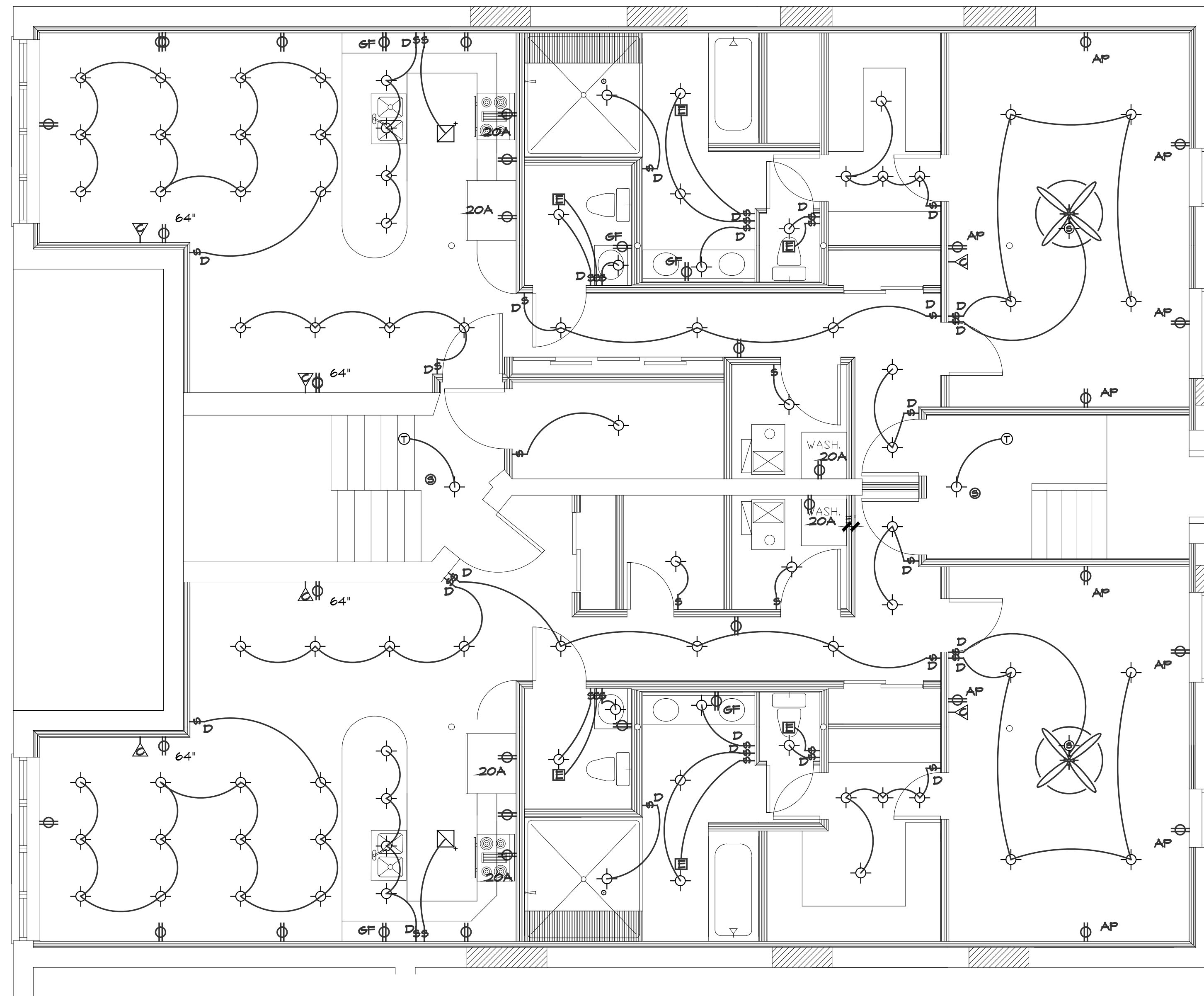
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
















DATE ISSUED:
3-18-2016
 PROJECT # 1603
 SHEET TITLE:
PLUMBING PLANS,
SCHEDULE, RISER
DIAGRAMS & NOTES



2 ELECTRICAL PLAN - BASEMENT
 E-2 SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND

-  RECESSED LED LIGHT FIXTURE
-  SURFACE MTD. LED LIGHT FIXTURE
-  FLOURESCENT LIGHT FIXTURE
-  SMOKE DETECTOR HARD WIRED - 110 V. BATTERY BACKUP
-  CARBON MONOXIDE DETECTOR
-  DUPLEX OUTLET
-  DUPLEX OUTLET W/ GROUND FAULT INTERRUPTER
-  DUPLEX OUTLET W/ 20 AMP
-  DUPLEX OUTLET W/ ARC PROTECTION
-  LIGHT SWITCH
-  3-WAY LIGHT SWITCH
-  DIMMER LIGHT SWITCH
-  EXHAUST FAN
-  ELECTRICAL PANEL
-  CEILING FAN

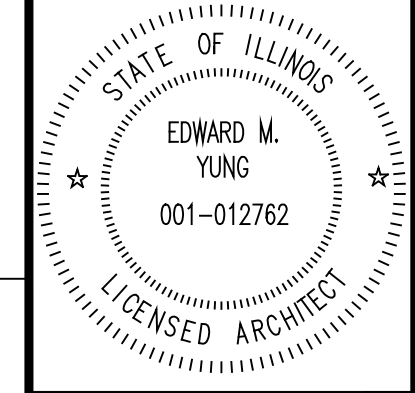
ELECTRICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIAL, EQUIPMENT AND WORKMANSHIP.
7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. UNLESS OTHERWISE NOTED, DISCONNECT AND REMOVE EXISTING ITEMS SUCH AS LIGHTING FIXTURES, OUTLETS, ETC. THAT ARE RENDERED OBSOLETE DUE TO THE ALTERATIONS AND/OR ADDITION. REMOVE ASSOCIATED WIRING AND EXPOSED CONDUIT, CAP AND ABANDON CONCEALED CONDUIT.
9. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING RECEPTACLES, CONDUIT, LIGHTING FIXTURES AND DEVICES IN AREAS WHERE CEILING, WALLS, FLOORS OR PARTITIONS ARE RE-WORKED OR REMOVED. THE CONTRACTOR SHALL TAKE ADEQUATE CARE AND CAUTION AS NOT TO DAMAGE ADJACENT SURFACES.
10. INSTALL NEW SWITCHES AND GROUNDING-TYPE RECEPTACLES. INSTALL NEW CONDUIT AND WIRING TO ALL NEW FIXTURES, SWITCHES AND RECEPTACLES.
11. INSTALL NEW LIGHT FIXTURES AND CEILING FANS. LIGHT FIXTURES AND CEILING FANS TO BE SUPPLIED BY THE OWNER.
12. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK. ALL RECEPTACLES AND TELEPHONE OUTLETS TO BE INSTALLED 1'-0" A.F.F. UNLESS NOTED, SWITCHES 54" A.F.F.
13. CONDUIT RUNS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC. ACTUAL FIELD CONDITIONS SHOULD BE FOLLOWED.
14. WHERE AS A RESULT OF CHANNELING THROUGH OF A CONDUIT, EXISTING PLASTER WALLS ARE MARRED, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR REPAIR. HE SHALL PATCH SUCH AREAS TO A DEGREE OF FINISH AS TO BE PAINTABLE BY ACCEPTABLE STANDARDS OF THE DAY.
15. ALL SYSTEMS SHALL BE COMPLETE AND OPERATING, PROVIDE ALL MATERIALS, CONDUIT WIRING, JUNCTION BOXES, ETC. AS REQUIRED.
16. ALL FIXTURES SHALL BE INSTALLED AT THE HEIGHT NOTED IN THE LIGHTING SCHEDULE.
17. APPROVED TYPE CEILING BOXES ARE REQUIRED FOR PADDLE FAN NOT IN EXCESS OF 95 POUNDS.
18. CLOSET LIGHTS SHALL OF THE FOLLOWING CLEARANCE FROM SHELVES AND HAVE A GLOBE OVER IT:
 - 18.1. FLUORESCENT FIXTURES SHALL HAVE A 6" SPACE FROM THE EDGE OF THE SHELF.
 - 18.2. INCANDESCENT FIXTURES SHALL HAVE A 12" SPACE FROM THE EDGE OF THE SHELF.
19. ALL OUTLETS TO BE MOUNTED ABOVE COUNTERTOP IN KITCHEN.
20. ALL ELECTRICAL OUTLETS WITHIN 6'-0" OF ANY SINK OR WATER SOURCE SHALL BE GROUND FAULT PROTECTED.
21. ALL ELECTRICAL OUTLETS IN SLEEPING ROOMS & BEDROOMS SHALL BE "ARC-FAULT" PROTECTED.
22. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CITY OF CHICAGO BUILDING CODES.

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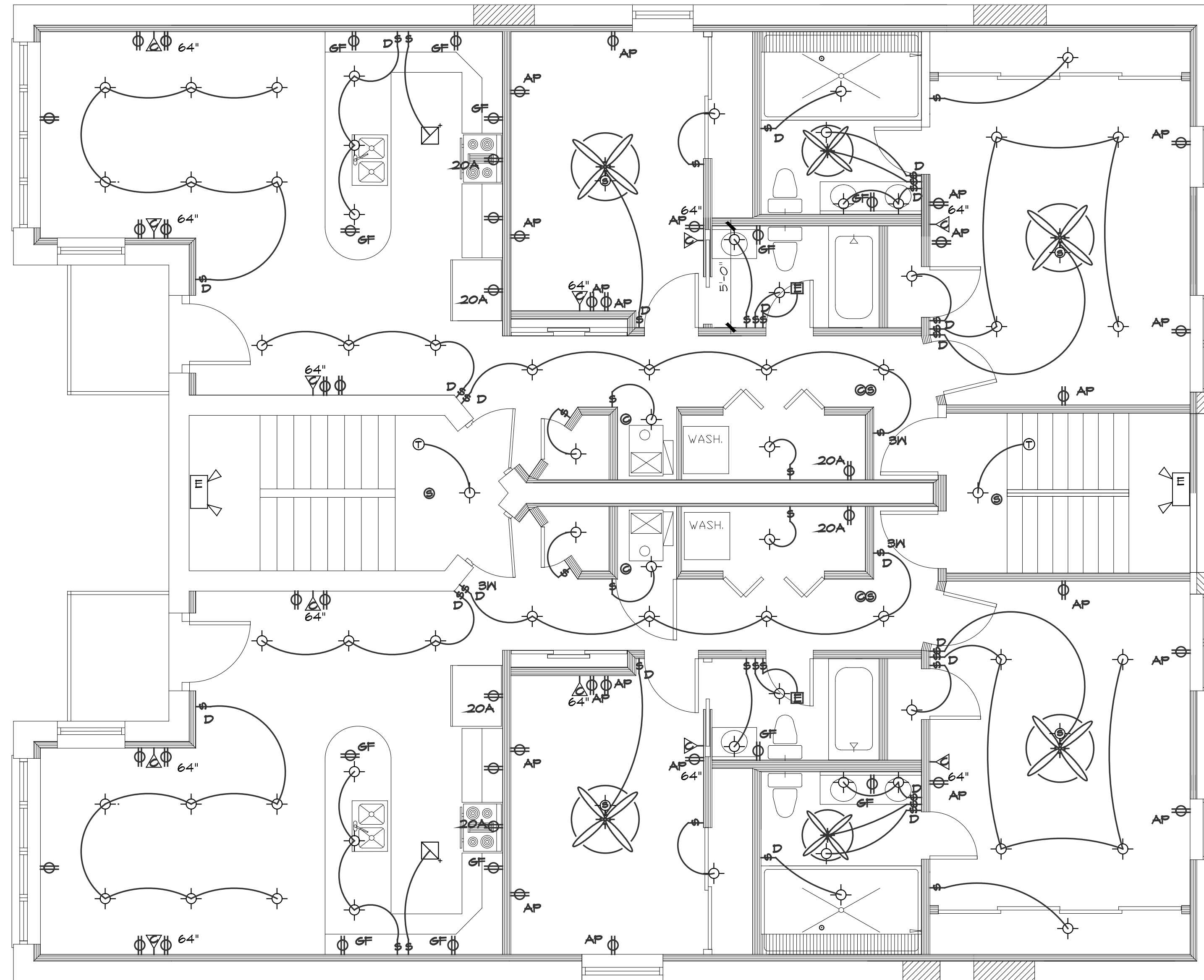


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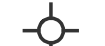














SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES

SHEET #:
E-1



2 ELECTRICAL PLAN - FIRST TO THIRD FLOORS
 E-2 SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND

-  RECESSED LED LIGHT FIXTURE
-  SURFACE MTD. LED LIGHT FIXTURE
-  FLOURESCENT LIGHT FIXTURE
-  SMOKE DETECTOR HARD WIRED - 110 V. BATTERY BACKUP
-  CARBON MONOXIDE DETECTOR
-  DUPLEX OUTLET
-  DUPLEX OUTLET W/ GROUND FAULT INTERRUPTER
-  DUPLEX OUTLET W/ 20 AMP
-  DUPLEX OUTLET W/ ARC PROTECTION
-  LIGHT SWITCH
-  3-WAY LIGHT SWITCH
-  DIMMER LIGHT SWITCH
-  EXHAUST FAN
-  ELECTRICAL PANEL
-  CEILING FAN

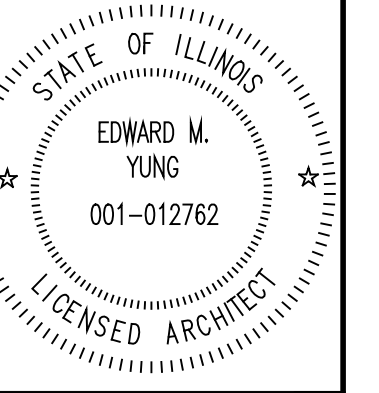
ELECTRICAL NOTES:

1. THIS CONTRACTOR SHALL VISIT THE SITE AND BE FAMILIAR WITH THE JOB CONDITION PRIOR TO SUBMITTING THE BID.
2. THIS CONTRACTOR SHALL PAY FOR ALL THE TAXES AND FEES AND GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
3. WORKMANSHIP SHALL BE DONE IN A FIRST CLASS MANNER.
4. ALL MATERIALS USED FOR THIS JOB SHALL BE NEW AND THE BEST OF THEIR KIND.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
6. THIS CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR AFTER COMPLETION AGAINST ALL DEFECTS OF MATERIAL, EQUIPMENT AND WORKMANSHIP.
7. THIS CONTRACTOR TO TEST SYSTEM PRIOR TO OPERATION.
8. UNLESS OTHERWISE NOTED, DISCONNECT AND REMOVE EXISTING ITEMS SUCH AS LIGHTING FIXTURES, OUTLETS, ETC. THAT ARE RENDERED OBSOLETE DUE TO THE ALTERATIONS AND/OR ADDITION. REMOVE ASSOCIATED WIRING AND EXPOSED CONDUIT, CAP AND ABANDON CONCEALED CONDUIT.
9. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING RECEPTACLES, CONDUIT, LIGHTING FIXTURES AND DEVICES IN AREAS WHERE CEILING, WALLS, FLOORS OR PARTITIONS ARE RE-WORKED OR REMOVED. THE CONTRACTOR SHALL TAKE ADEQUATE CARE AND CAUTION AS NOT TO DAMAGE ADJACENT SURFACES.
10. INSTALL NEW SWITCHES AND GROUNDING-TYPE RECEPTACLES. INSTALL NEW CONDUIT AND WIRING TO ALL NEW FIXTURES, SWITCHES AND RECEPTACLES.
11. INSTALL NEW LIGHT FIXTURES AND CEILING FANS. LIGHT FIXTURES AND CEILING FANS TO BE SUPPLIED BY THE OWNER.
12. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK. ALL RECEPTACLES AND TELEPHONE OUTLETS TO BE INSTALLED 1'-0" A.F.F. UNLESS NOTED, SWITCHES 54" A.F.F.
13. CONDUIT RUNS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC. ACTUAL FIELD CONDITIONS SHOULD BE FOLLOWED.
14. WHERE AS A RESULT OF CHANNELING THROUGH OF A CONDUIT, EXISTING PLASTER WALLS ARE MARRED, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR REPAIR. HE SHALL PATCH SUCH AREAS TO A DEGREE OF FINISH AS TO BE PAINTABLE BY ACCEPTABLE STANDARDS OF THE DAY.
15. ALL SYSTEMS SHALL BE COMPLETE AND OPERATING, PROVIDE ALL MATERIALS, CONDUIT WIRING, JUNCTION BOXES, ETC. AS REQUIRED.
16. ALL FIXTURES SHALL BE INSTALLED AT THE HEIGHT NOTED IN THE LIGHTING SCHEDULE.
17. APPROVED TYPE CEILING BOXES ARE REQUIRED FOR PADDLE FAN NOT IN EXCESS OF 35 POUNDS.
18. CLOSET LIGHTS SHALL OF THE FOLLOWING CLEARANCE FROM SHELVES AND HAVE A GLOBE OVER IT:
 - 18.1. FLOURESCENT FIXTURES SHALL HAVE A 6" SPACE FROM THE EDGE OF THE SHELF.
 - 18.2. INCANDESCENT FIXTURES SHALL HAVE A 12" SPACE FROM THE EDGE OF THE SHELF.
19. ALL OUTLETS TO BE MOUNTED ABOVE COUNTERTOP IN KITCHEN.
20. ALL ELECTRICAL OUTLETS WITHIN 6'-0" OF ANY SINK OR WATER SOURCE SHALL BE GROUND FAULT PROTECTED.
21. ALL ELECTRICAL OUTLETS IN SLEEPING ROOMS & BEDROOMS SHALL BE "ARC-FAULT"
22. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CITY OF CHICAGO BUILDING CODES.

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RESIDENTIAL REHABILITATION
 350 EAST 50TH STREET
 CHICAGO, ILLINOIS

DATE	REVISIONS	NUMBER



DATE ISSUED:
3-18-2016

PROJECT # 1603

SHEET TITLE:
ELECTRICAL PLAN -
PLANS, SCHEDULES, & NOTES

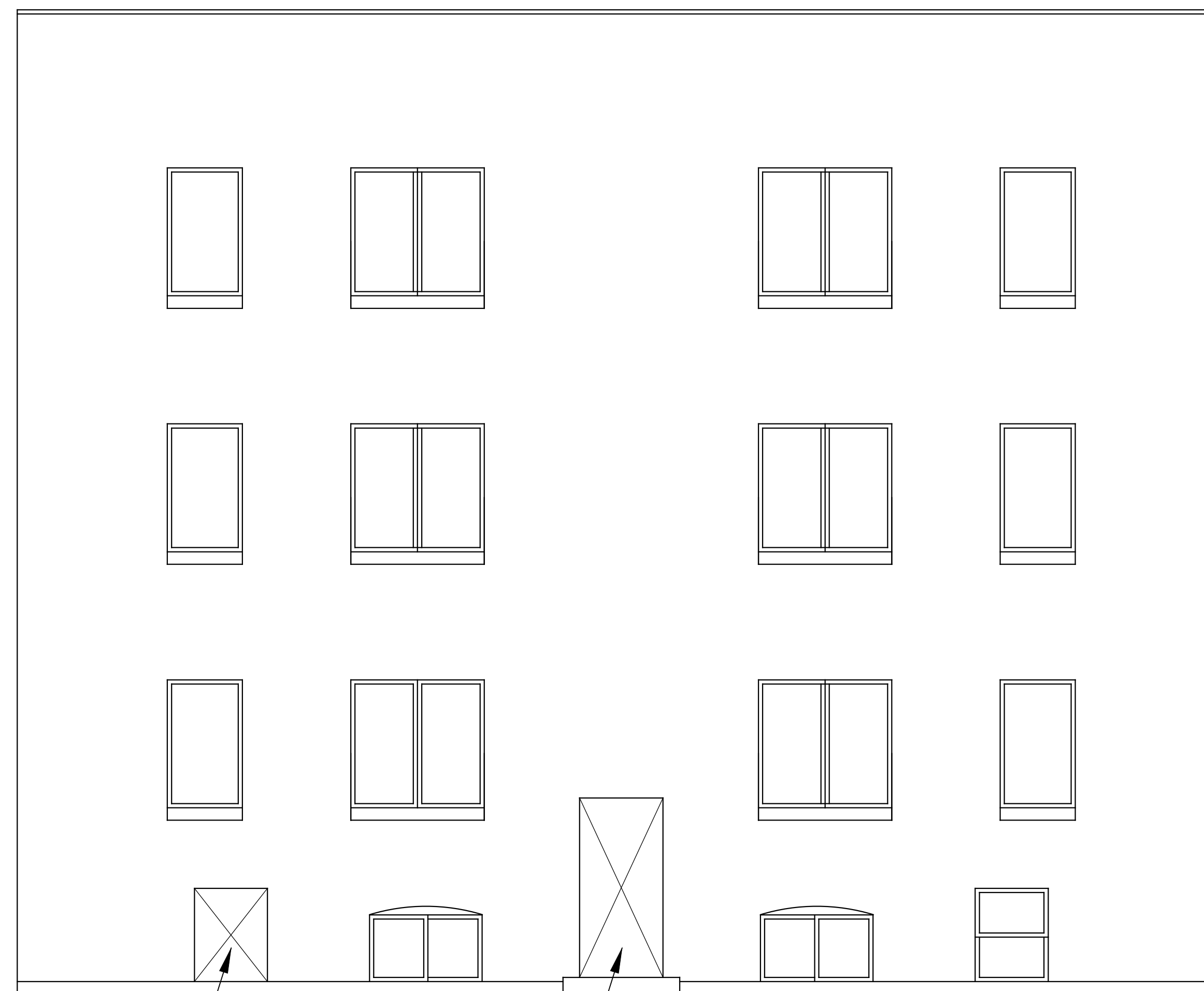
SHEET #:
E-2



CUT OPEN'G
FOR NEW
9'-10" x 3'-4"
WINDOW OPEN'G
(V.I.F.)

CUT OPEN'G
FOR NEW
9'-10" x 3'-4"
WINDOW OPEN'G
(V.I.F.)

1 SOUTH ELEVATION MASONRY WORK
SCALE: 1/8" = 1'-0"



CUT OPEN'G
FOR NEW
2'-11" x 3'-9"
WINDOW (V.I.F.)

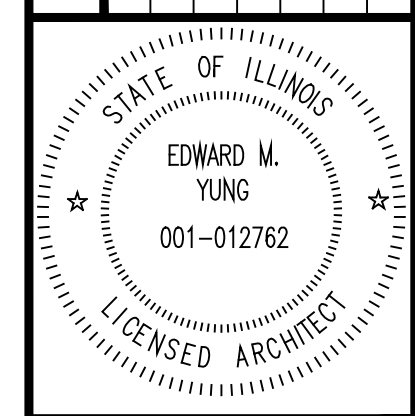
CUT OPEN'G
FOR NEW
3'-0" x 7'-0"
DOOR (V.I.F.)

2 NORTH ELEVATION MASONRY WORK
SCALE: 1/8" = 1'-0"

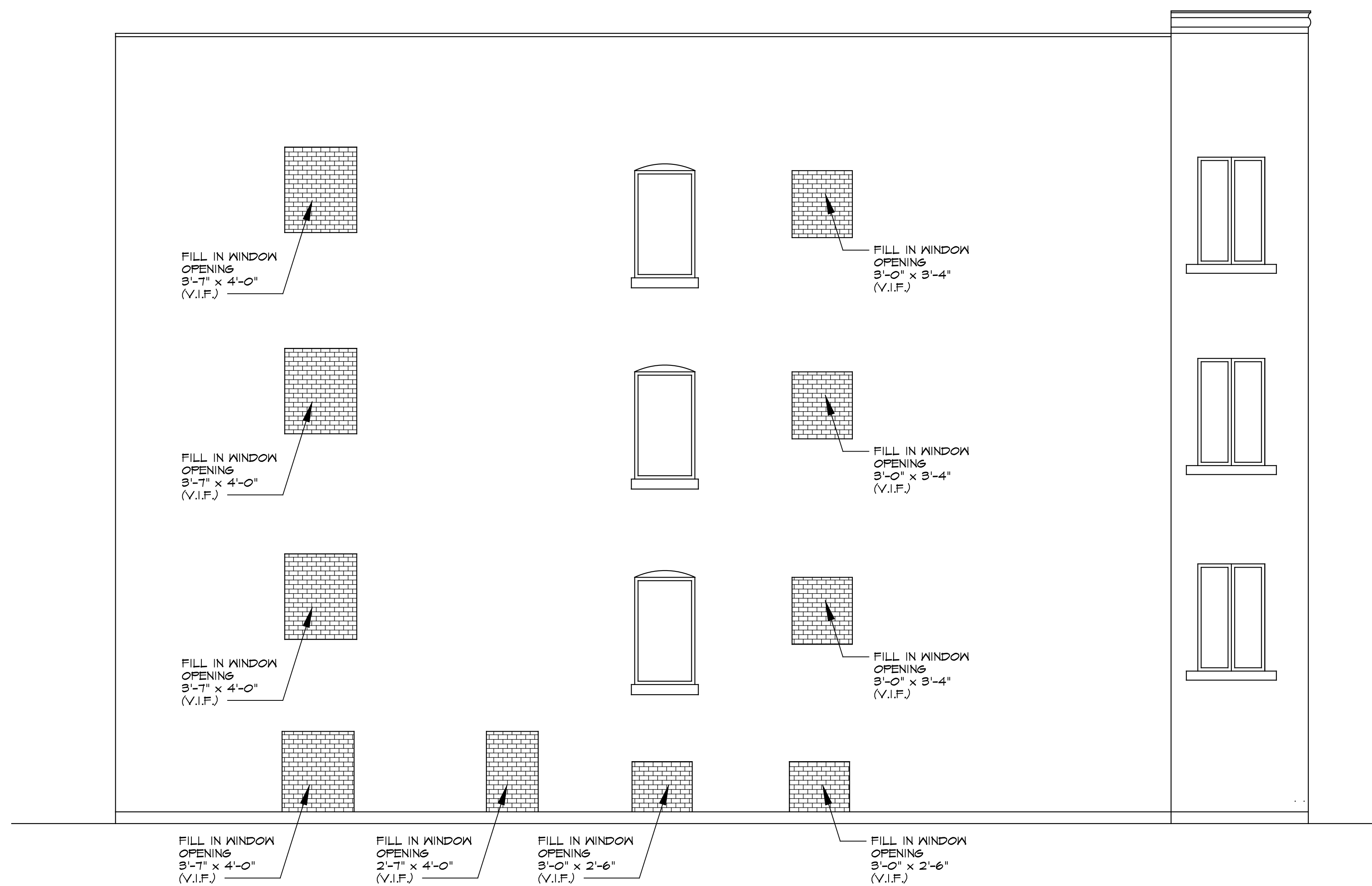
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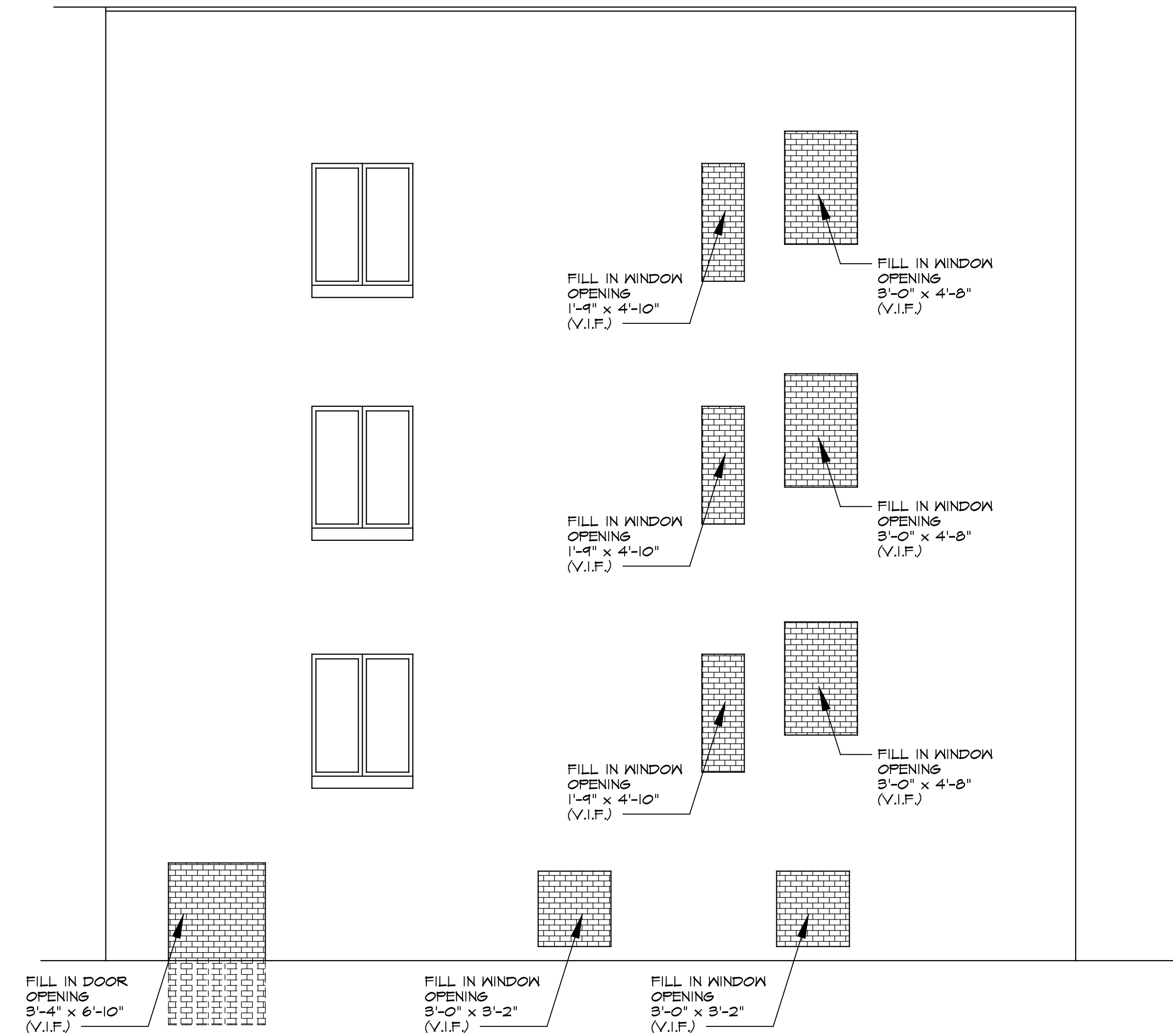
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SHEET TITLE:
MASONRY PLAN -
PLANS & NOTES
SHEET #:
A-6



1 WEST ELEVATION MASONRY WORK
SCALE: 1/8" = 1'-0"

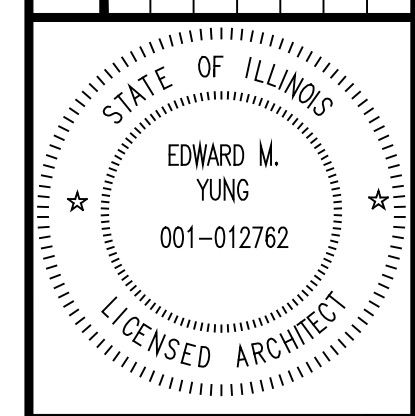


2 EAST ELEVATION MASONRY WORK
SCALE: 1/8" = 1'-0"

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RESIDENTIAL REHABILITATION
350 EAST 50TH STREET
CHICAGO, ILLINOIS

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MASONRY PLAN -
PLANS & NOTES
SHEET #:
A-7