

HVAC EQUIPMENT SCHEDULE

MARK	HTG. KW	HTG. BTUH	HTG. EFFICIENCY	HTG. UNIT TYPE	CFM @ .5" ESP	ELEC. REQ.	COOLING BTUH	COOLING TONS	COOLING EFFICIENCY	COOLING UNIT TYPE	REMARKS
F-1	10	-	-	UPFLOW ELECTRIC	800	240V, 1PH, 60A	-	-	-	-	-
F-2	12	-	-	UPFLOW ELECTRIC	1,000	240V, 1PH, 70A	-	-	-	-	-
HP-1	-	-	9.0 HSPF	-	-	240V, 1PH, 25A	24,000	2.0	14.0 SEER MIN.	AIR SOURCE HEAT PUMP	ENERGY STAR RATED, R-410A REFRIGERANT
HP-2	-	-	9.0 HSPF	-	-	240V, 1PH, 30A	30,000	2.5	14.0 SEER MIN.	AIR SOURCE HEAT PUMP	ENERGY STAR RATED, R-410A REFRIGERANT

PENETRATION NOTE

ALL PENETRATIONS OF FLOORS, WALLS AND CEILINGS BY HVAC COMPONENTS (DUCTS, PIPING, GRILLES), PLUMBING COMPONENTS (PIPING, CLEAN-OUTS, VALVES), ELECTRICAL COMPONENTS (BOXES, WIRING, CONDUIT), ETC. SHALL BE PROPERLY AND EFFECTIVELY SEALED DURING CONSTRUCTION WITH PROPER MATERIALS AND NEATLY FINISHED. GYPSUM BOARD COMPOUND SHALL BE USED @ GYP. BD. OPENINGS, EXCEPT THAT EXPANDABLE FOAM MAY BE USED IN AREAS SUCH AS MECHANICAL ROOMS. MORTAR SHALL BE USED @ BRICK PENETRATIONS. CHROME ESCUTCHEONS SHALL BE USED @ PLUMBING PIPING PENETRATION OF WALLS. THE USE OF CAULKING AND PAINT @ THE TIME OF PUNCHLIST INSPECTIONS WILL NOT BE DEEMED ACCEPTABLE IN LIEU OF THE ABOVE.

HVAC EQUIPMENT

EXHAUST FAN EF-1	EXHAUST FAN/LIGHT - BROAD #QTXE080FLT OR ENERGY STAR EQUAL, 80 CFM, 0.36 ONES, 42 WATT FLUORESCENT LAMP WITH SEPARATE 4 WATT NIGHT LIGHT, SWITCHED BATH FAN/LIGHT SHALL BE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. 4" INSULATED DUCT THROUGH SOFFIT WITH BACKDRAFT DAMPER & BIRD SCREEN SHALL BE FURNISHED & INSTALLED BY HVAC CONTRACTOR.
RANGE HOOD RH-1	VENTLESS RANGE HOOD - FOR MAKE AND MODEL SEE SPECIFICATIONS
MICROWAVE HOOD MH-1	VENTLESS MICROWAVE/RANGEHOOD, FOR MAKE AND MODEL SEE SPECIFICATIONS.
REGISTERS AND GRILLES	
A	CEILING/WALL SUPPLY - LIMA SERIES 11D WHITE FINISH, STEEL, MULTI-LOUVER DIFFUSER WITH DAMPER.
B	CEILING/WALL RETURN - LIMA SERIES 19H, WHITE FINISH STEEL GRILLE WITH FIXED LOUVERS.
OTHER EQUIPMENT	
C	DRYER BOX - MODEL #350, 22GA ALUMINUM BOX RECESSED IN WALL
D	ULTRALITE PREFAB PAD SIMILAR TO DIVERSITECH #UC3636-3
E	FRESH AIR VENTILATION - HONEYWELL MODEL Y8150A1009/W8150 A1001

SLAB PENETRATION NOTE:

ALL PENETRATIONS OF CONCRETE SLAB SHALL BE EFFECTIVELY SEALED TO PREVENT PASSAGE OF AIR FROM UNDER SLAB INTO RESIDENTIAL UNITS. ALL PENETRATIONS IN OR THRU A RATED ASSEMBLY SHALL COMPLY WITH SECTION 712 OF THE IBC.

FIRESTOP CAULKING NOTE

PROVIDE FIRESTOP CAULKING / SEALING OF ALL MECHANICAL PENETRATIONS @ FIRE RATED WALLS AND CEILING PER A SPECIFIC FIRESTOP SYSTEM / PRODUCT.

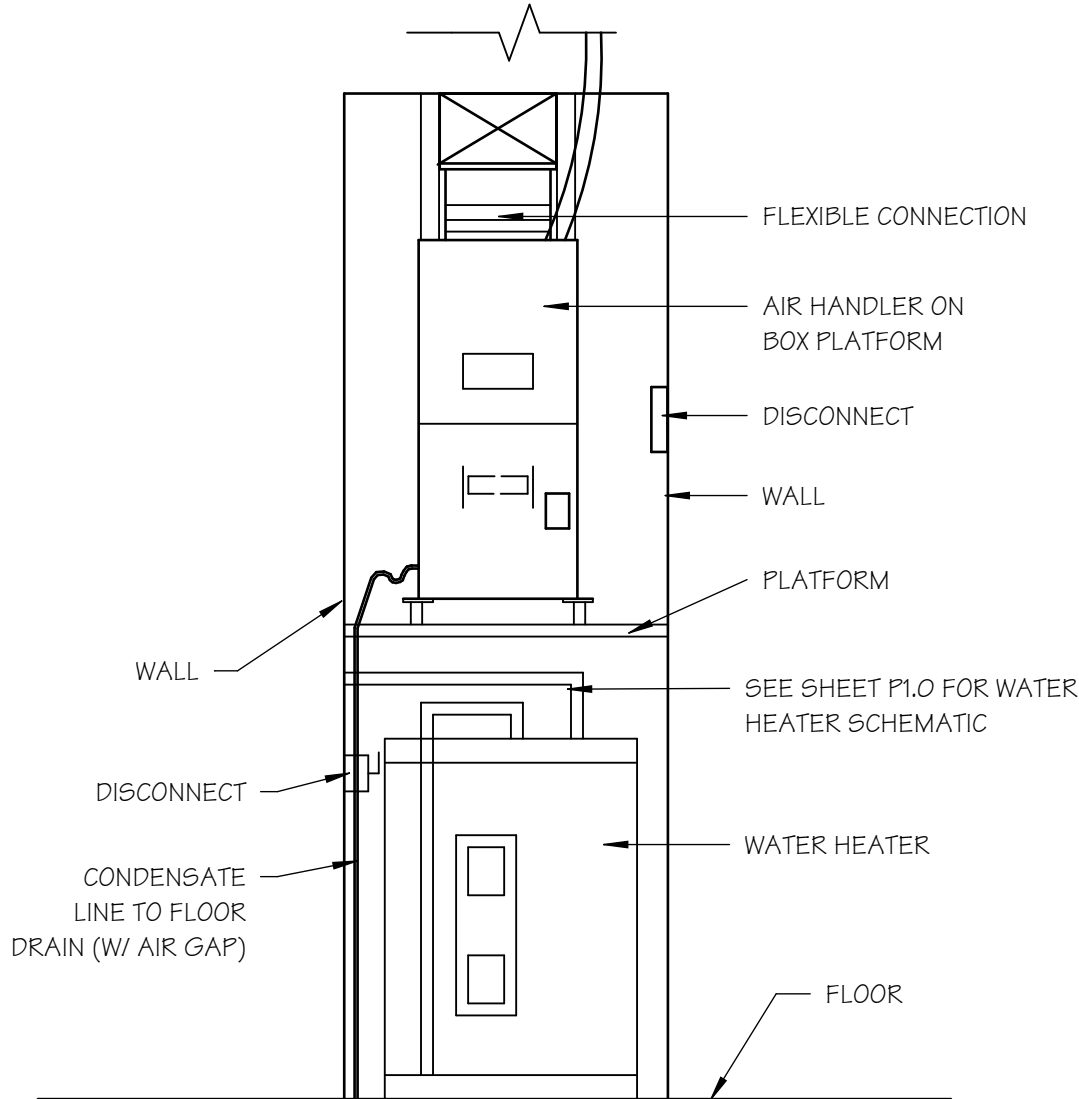
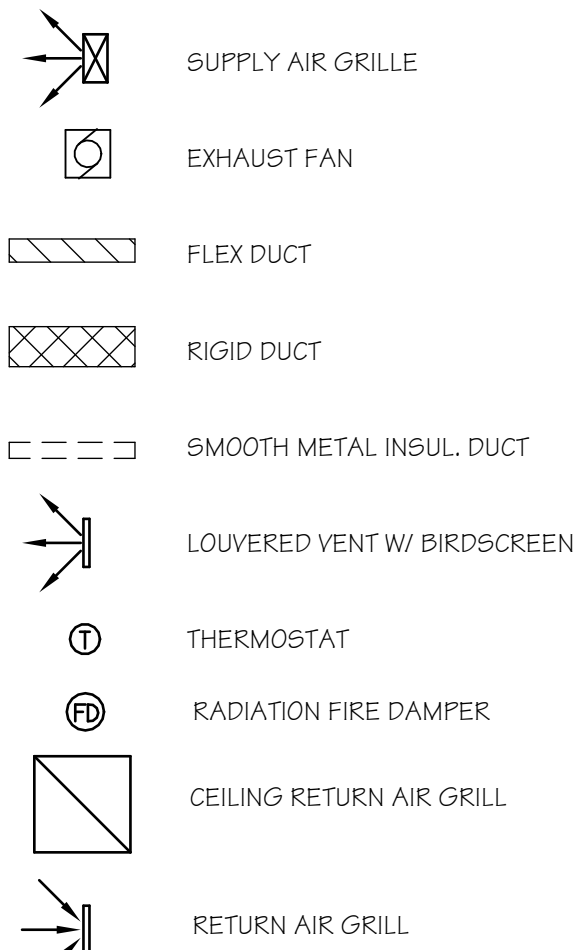
PLAN ORIENTATION NOTE

MECHANICAL DESIGN TO FIT WASHER/DRYER LOCATIONS SHOWN ON PLANS OF THIS ORIENTATION. MIRROR PLANS AS REQUIRED OPPOSITE LOCATION OF EQUIPMENT TO FUNCTION PROPERLY.

HVAC NOTES

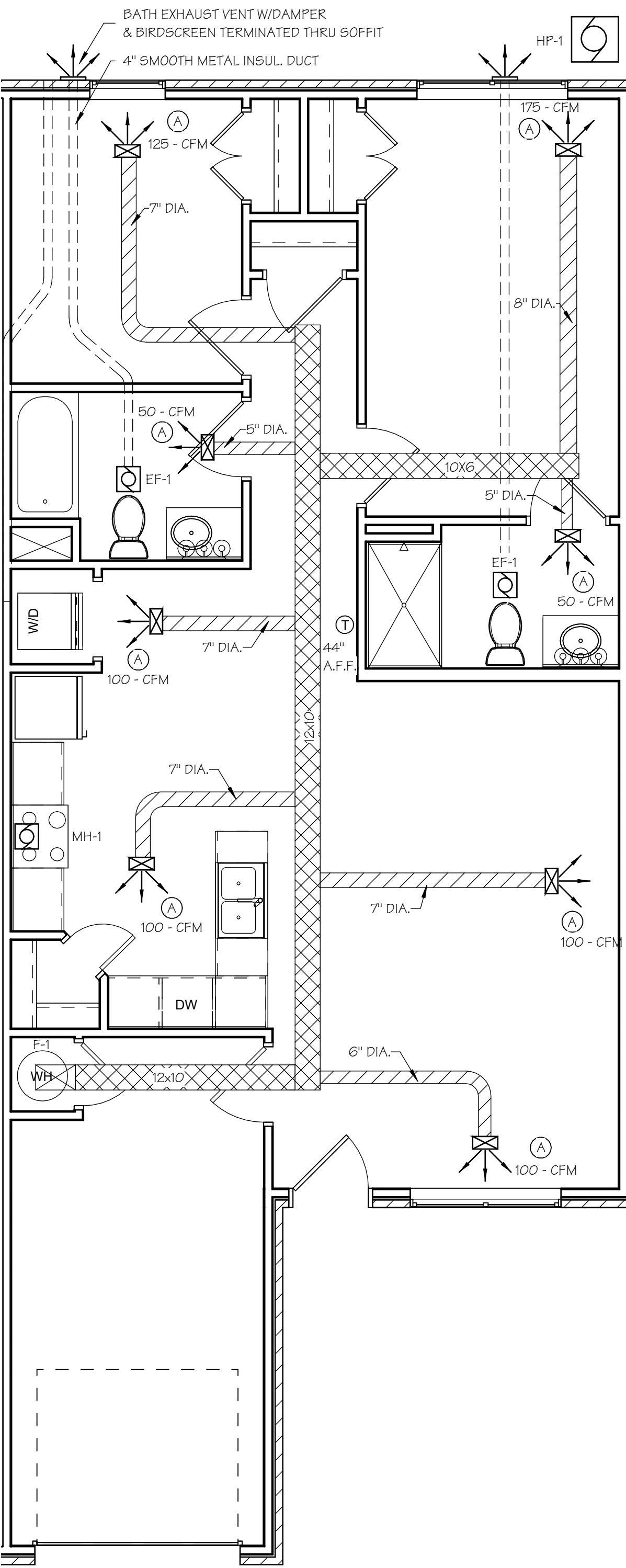
- SUPPLY DUCTS (EXCEPT INSULATED ROUND FLEX DUCT) SHALL BE GALVANIZED WITH 1/2" THICK 1.5# DENSITY INSULATION AND SHALL HAVE TURNING VANES AND DAMPERS AS REQUIRED. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS REQUIRED (INSULATION EXTRA). IF ROUND RIGID GALVANIZED SUPPLY DUCTS ARE USED, INSULATION SHALL BE ON EXTERIOR.
- ACCEPTABLE FURNACE AND CONDENSING UNIT MANUFACTURERS SHALL BE RUUD, LENNOX, CARRIER, TRANE OR YORK.
- FURNISH AND INSTALL ALL REQUIRED FRESH AIR MAKE-UP PIPING FROM FURNACES, LIQUID AND SUCTION LINES FROM COILS TO CONDENSING UNITS AND CONDENSATE LINES AS REQUIRED BY CODES AND/OR INDICATED ON PLANS.
- INTERIOR OF DUCTWORK VISIBLE @ GRILLE/REGISTER OPENING SHALL BE PAINTED FLAT BLACK PRIOR TO PROJECT COMPLETION.
- UNDERCUT BEDROOM DOORS 3/4" FOR RETURN AIR.
- DUCTWORK SHALL BE RUN IN ATTIC.
- OFFSET DUCTWORK FROM ATTIC ACCESS LOCATION.
- FLEX DUCT SHALL BE USED TO SUPPLY REGISTERS.
- PROVIDE & INSTALL NEW RETURN AIR FILTER AT TIME OF SUBSTANTIAL COMPLETION.

LEGEND



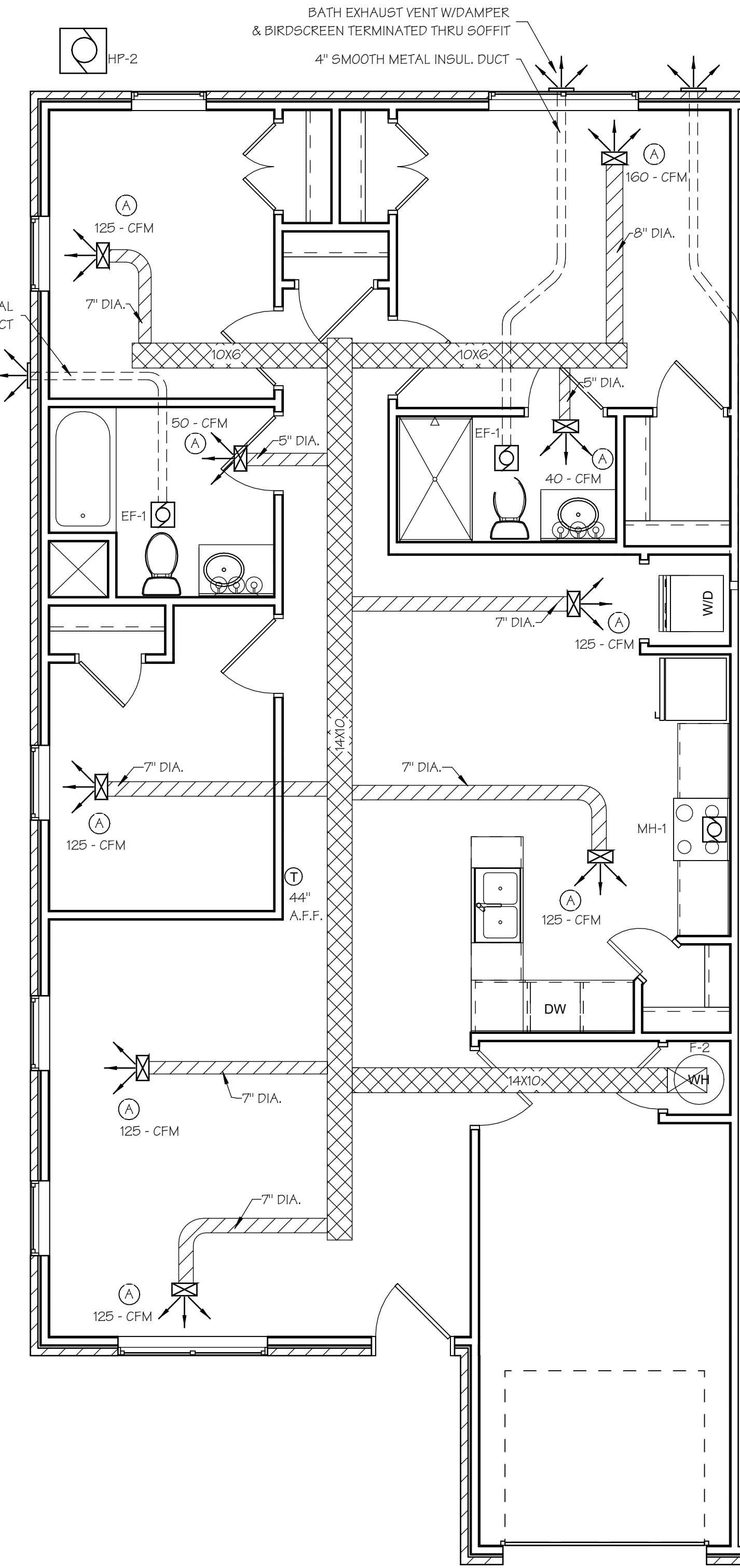
FURNACE SCHEMATIC

SCALE: 3/8" = 1'-0"



2-BR FHA UNIT MECHANICAL PLAN

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



3-BR FHA UNIT MECHANICAL PLAN

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

JURISDICTION APPROVAL



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200

WALLACE ARCHITECTS, LLC

COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS
08 OCT 2021 ISSUE SET

M1.0

JOB NO.
3849

ISSUE SET



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200
WALLACE ARCHITECTS, LLC

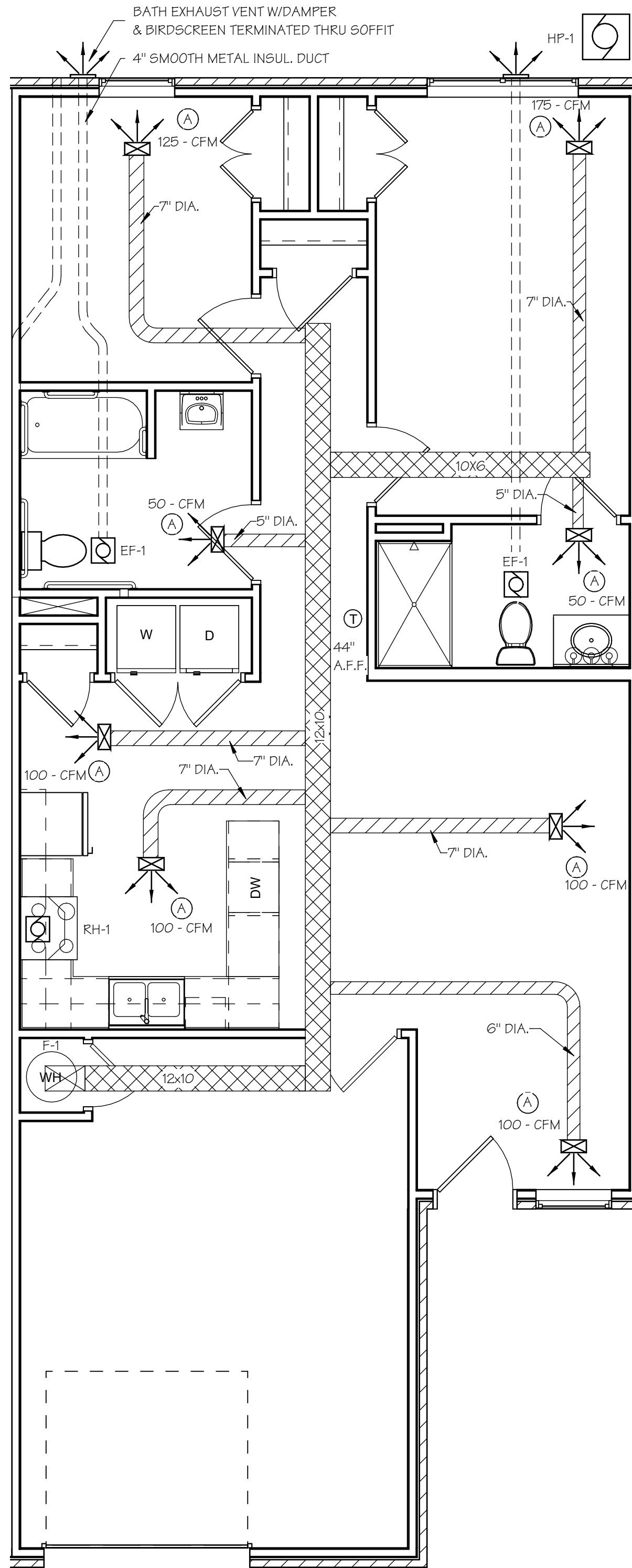
COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS	
Δ	ISSUE SET

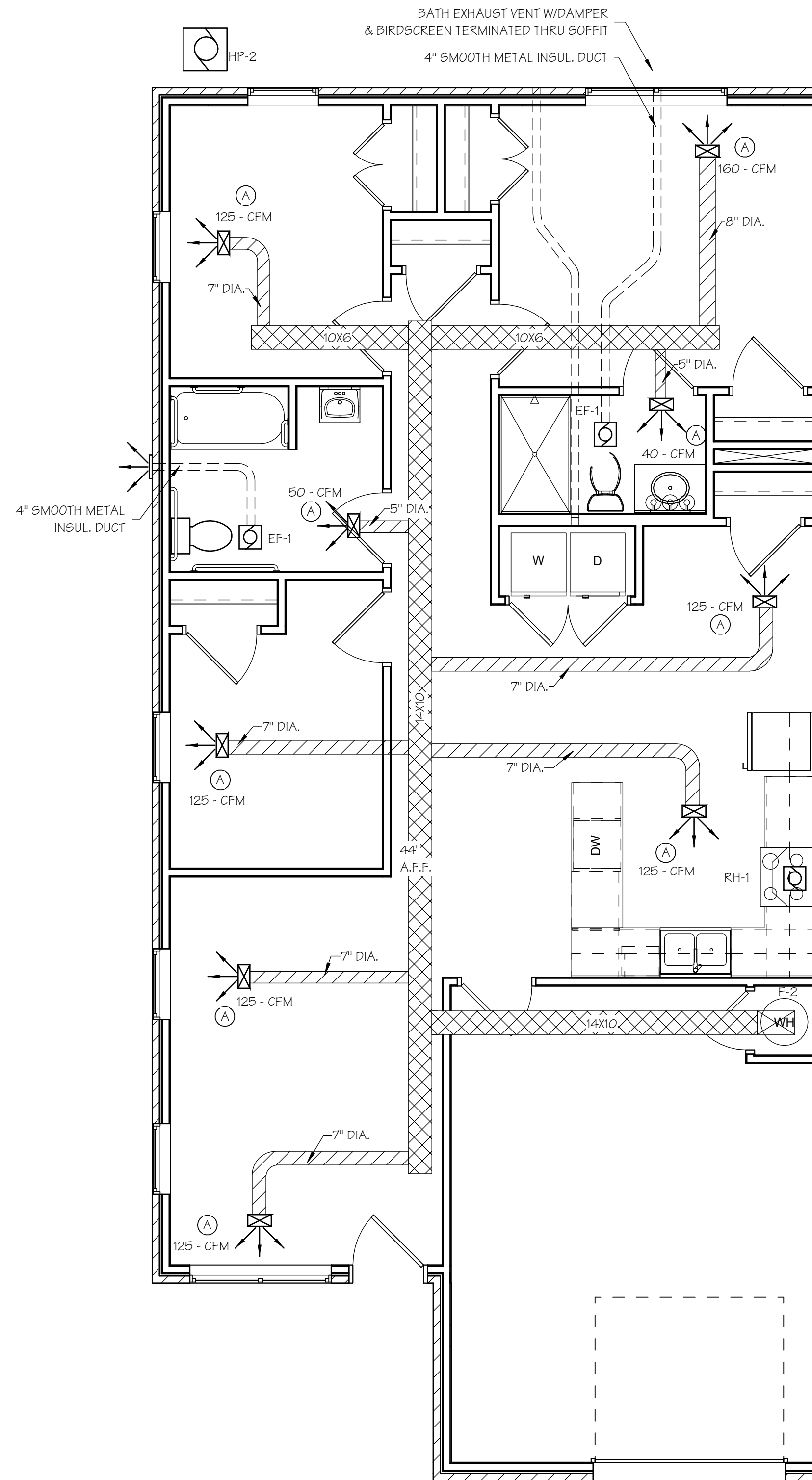
SHEET NO. **M1.1**

JOB NO.
3849

10/12/2021 09:56:20 AM



1
M1.1 2-BR UFAS UNIT MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



2
M1.1 3-BR UFAS UNIT MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

JURISDICTION APPROVAL

ISSUE SET

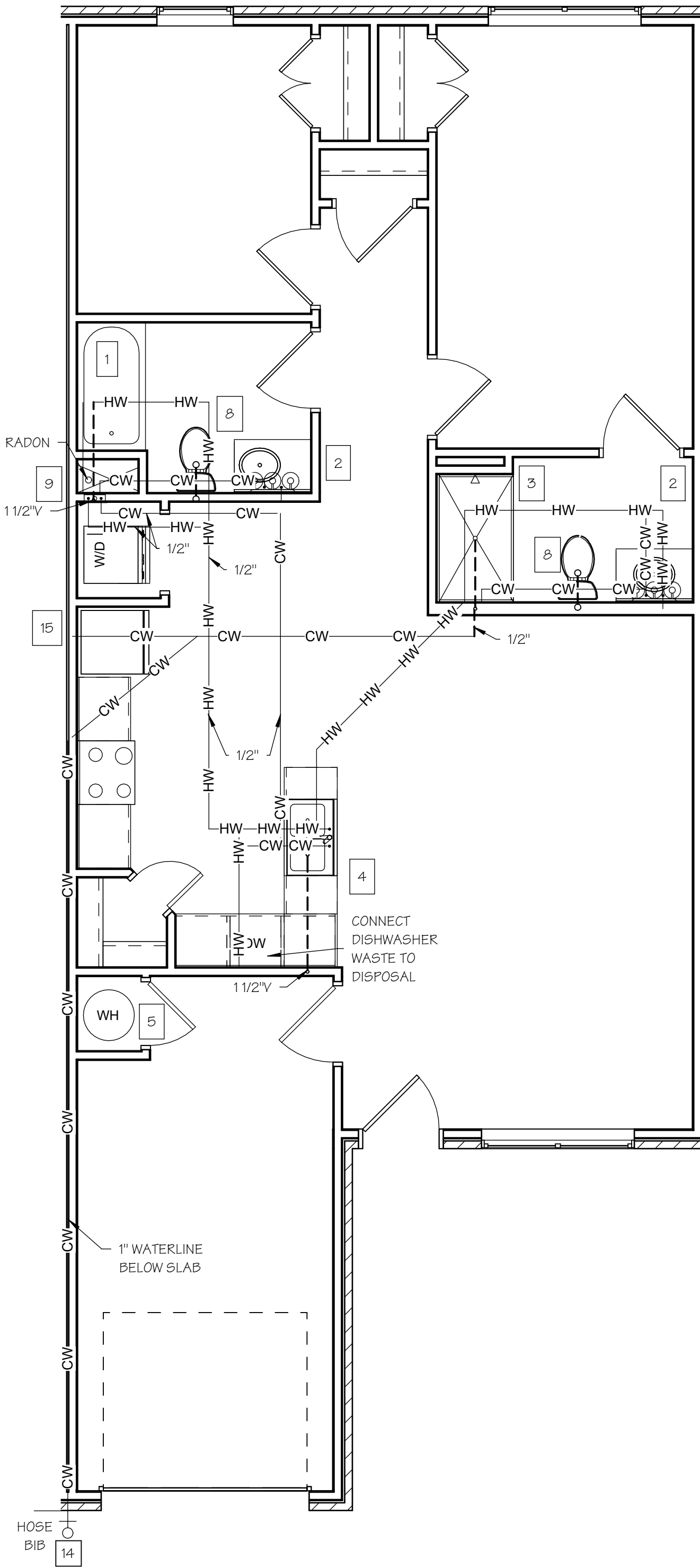
PLUMBING FIXTURE SCHEDULE								
MARK	ITEM	MFG	CAT. NO.	SUPPLY	FEED	WASTE	VENT	REMARKS
1	TUB/SHOWER	LASCO	2603-CT	SCREWDRIVER STOPS	1/2"	2"	1 1/2"	32"x60" ONE-PIECE FIBERGLASS WITH SLIP RESISTANT BOTTOM AND FULL GRAB BAR BACKING, FACTORY INSTALLED BLOCKING WITH OPO-UP DRAIN, MOEN LEVER FAUCET, SINGLE HANDLE TUB/SHOWER KIT, MAX. 2.5 GPM.
2	LAVATORY	AMERICAN STANDARD	0419.444	WHEEL HANDLE STOPS & ESCUTCHEON	1/2"	1 1/2"	1 1/2"	POLISHED CHROME, ROUND FLANGE, LEVER CONTROL, ADA COMPLIANT, TUB & SHOWER HEAD LESS THAN 2.0 GPM. MAX. (WATER SENSE LABELED)
3	SHOWER	AQUATIC	1603BFSC	SCREWDRIVER STOPS	1/2"	2"	1 1/2"	SHOWER STALL 62"x36 1/4"x77 1/4" ONE PIECE SHOWER WITH FACTORY INSTALLED REINFORCEMENT FOR GRAB BAR LOCATIONS (SEE INTERIOR ELEVATIONS) DELTA 1325 SERIES SHOWER CONTROLS WITH SCALD GUARD VALVE. MAX FLOW RATE = 2.5 GP. WATER SENSE LABELED
4	KITCHEN SINK	ELKAY	LRAD3322	WHEEL HANDLE STOPS & ESCUTCHEON	1/2"	2"	1 1/2"	22" X 33" DBL. COMPARTMENT SINK, LEVER HANDLE FAUCET, (OFF-SET TRAP, WRAP PIPES, 6 1/2" DEEP MAX., REAR DRAIN OPENINGS, @ ACCESSIBLE UNITS ONLY) PROVIDE INSINKERATOR BADGER 5, 1/2 HP CONT. FEED DISHWASHER CONNECTION.
5	WATER HEATER	MARATHON	MR40238	WHEEL HANDLE STOPS & ESCUTCHEON	3/4"	-	-	ELECTRIC 40-GALLON, 3800W ELEMENTS, WITH PRESSURE RELIEF VALVE & DRAIN PAN WITH PIPING TO FLOOR DRAIN. 0.94 ENERGY FACTOR, PROVIDED BY G.C., INSTALLED BY PLUMBER
6	FLOOR DRAIN	CRESLINE	-	-	-	2"	1 1/2"	SCHEDULE 40 PVC WITH ROUND PVC GRATE, DEEP SEAL TRAP WITH PRIMER, BACKWATER VALVE, CONCEALED CLEANOUT. VERIFY LOCATION RELATIVE TO HOT WATER HEATER DRAIN LINE.
7	CLEAN OUT	ZURN	-	-	-	-	-	MATCH PIPE SIZE (2" AS REQUIRED)
8	WATER CLOSET	VORTENS	FORZA ADA 3140-V	WHEEL HANDLE STOPS & ESCUTCHEON	1/2"	3"	1 1/2"	VITREOUS CHINA ELONGATED BOWL, 1.6 GPF/6.0 LPF, 3" FLUSH VALVE, CLOSED FRONT SEAT, FLUSH CONTROL ON OPEN SIDE OF TOILET, 88 TOILET FLANGE, UFAS HEIGHT IN ACCESSIBLE UNITS.
9	WASHER BOX	GUY GREY	B200	-	-	2"	1 1/2"	RECESSED INTO WALL WITH INTEGRAL HAMMER ARRESTERS.
10	DISHWASHER	GE	-	WHEEL HANDLE STOPS & ESCUTCHEON	1/2"	-	-	BUILT-IN UNDER COUNTER, 24" WIDE, 4 CYCLES, 9 OPTIONS
11	+ PRESSURE REDUCING VALVE	WATTS	-	-	-	-	-	PROVIDE ONLY AS REQUIRED TO MAINTAIN 55 TO 65 PSI.
12	THERMAL EXPANSION TANK	AMTROL	ST-12	-	3/4"	-	-	-
13	SHOWER	-	-	SCREWDRIVER STOPS	1/2"	2"	1 1/2"	48"x36" SHOWER; 2.25 GPM MAX.
14	HOSE BIBB	-	-	-	1/2"	-	-	FROST PROOF HOSE BIBB
15	ICE MAKER	-	-	-	1/2"	-	-	-
16	WALL HUNG LAVATORY	TOTO	LT307.4	WHEEL HANDLE STOPS & ESCUTCHEON	1/2"	1 1/2"	1 1/2"	WHITE VITREOUS CHINA, MOEN 8938 FAUCET
NOTE: CONTRACTOR SHALL INSTALL MR. GYP. BD. ABOVE & BESIDE TUB/SHOWER OVER LIP.								
NOTE: CONTRACTOR MAY ELECT TO PROVIDE "OR EQUAL" FIXTURES TO THOSE SPECIFIED/LISTED UPON DETERMINATION AND APPROVAL BY OWNER/ARCHITECT INDICATION SUBSTITUTION IS EQUIVALENT.								

PLUMBING NOTES	
1)	CONTRACTOR SHALL VERIFY THE LOCATION OF WATER & SEWER LINES FOR ENTRANCE INTO EACH BUILDING.
2)	THE SEWER LINE SHALL RUN OFF-CENTER IF ADJACENT TO THICKENED SLABS. SEE FOUNDATION PLAN.
3)	PLUMBING VENTS THRU ROOF SHALL BE OFFSET 3'-0" TO BACKSIDE OF ROOF AT NEW VENTS
4)	PLUMBING CONTRACTOR SHALL PROVIDE STOPS FOR FIXTURES.
5)	ALL WORK DONE SHALL BE ACCORDING TO THE APPLICABLE PLUMBING CODE & ALL APPLICABLE LOCAL CODES.
6)	VENT ALL FIXTURES AS PER CODE AND / OR AS SHOWN.
7)	HOT AND COLD WATER LINES SHALL RUN IN INTERIOR WALLS OR BELOW SLAB.
8)	TUB FILLER SPOUT, CONTROL VALVE & SHOWER HEAD SHALL BE SECURED TO SOLID BLOCKING (TYP.)
9)	PROVIDE AIR CHAMBERS ON HOT & COLD WATER LINES AT ALL FIXTURES.
10)	FLOOR DRAIN SHALL BE TIED TO DRAIN SYSTEM.
11)	WATER LINES MAY BE LOCATED UNDER SLAB IN LIEU OF RUNNING THROUGH WALLS.
12)	WATER PIPING INSIDE BLDGS. SHALL BE PEX PER SPECS.
13)	BRING 1-PIECE TYPE "L" SOFT COPPER UP THRU SLAB INTO WALL @ WATER HEATER, & INSTALL INTERIOR SHUT-OFF VALVE.
14)	PRESSURE-MIXING OR THERMOSTATIC-MIXING VALVES EQUIPPED WITH HIGH-LIMIT STOPS ADJUSTED TO A MAXIMUM HOT WATER SETTING OF 120 DEGREES FAHRENHEIT SHALL BE PROVIDED FOR ALL TUB/SHOWERS AND SHOWERS.
15)	ALL PENETRATIONS WITH RATED WALLS & FLOORS MUST BE UL LISTED. CAULK SHALL BE HILTI PRODUCT #5611A OR EQUAL.
16)	PROVIDE HAND-HELD SHOWER (IN LIEU OF FIXED SHOWER HEAD) EQUAL TO ALSONS #465 SHOWER HEAD, FLEXIBLE HOSE, #1000 L SPOUT, 24" SLIDE BAR, & VACUUM BREAKER @ ACCESSIBLE UNITS.
17)	PROVIDE SOLIDLY MOUNTED TUB SEAT AS PER SPECS FOR ACCESSIBLE APTS.
18)	OFF-SET ACCESSIBLE APTL SHOWER VALVE CONTROL SO IT IS CENTERED 6" TO 8" FROM OUTER EDGE OF TUB FOR EASIER ACCESS. @ 42" A.F.F. FOR TUB/SHOER AND 42" A.F.F. FOR SHOWER (VALVE TO BE LEVER TYPE CONTROL).
19)	INSULATE EXPOSED PIPING BELOW KITCHEN SINK AND LAVATORY.

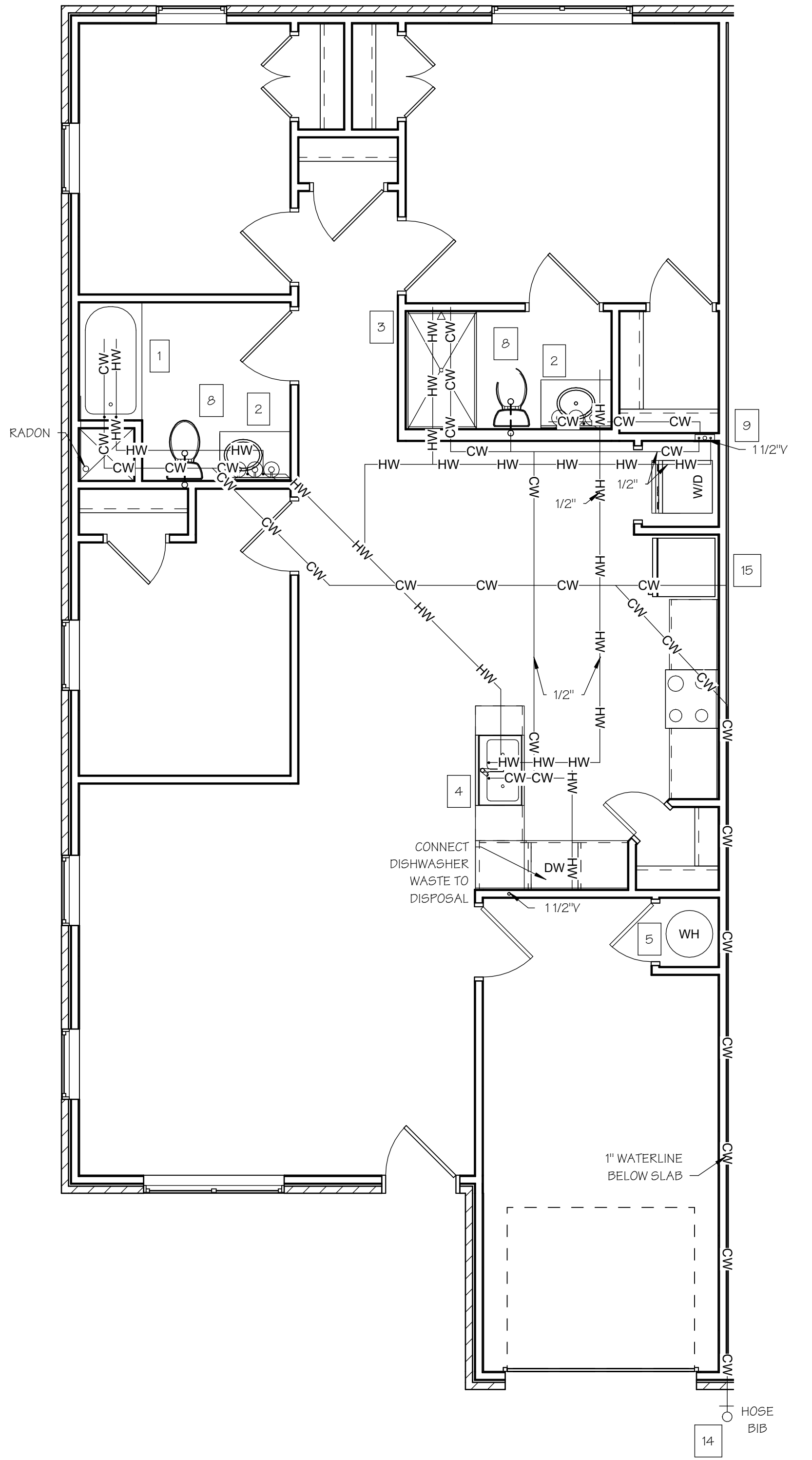
PENETRATION NOTE	
ALL PENETRATIONS OF FLOORS, WALLS AND CEILINGS BY HVAC COMPONENTS (DUCTS, PIPING, GRILLES), PLUMBING COMPONENTS (PIPING, CLEAN-OUTS, VALVES), ELECTRICAL COMPONENTS (BOXES, WIRING, CONDUIT), ETC. SHALL BE PROPERLY AND EFFECTIVELY SEALED DURING CONSTRUCTION WITH PROPER MATERIALS AND NEATLY FINISHED. GYPSUM BOARD COMPOUND SHALL BE USED @ GYP. BD. OPENINGS, EXCEPT THAT EXPANDABLE FOAM MAY BE USED IN AREAS SUCH AS MECHANICAL ROOMS. MORTAR SHALL BE USED @ BRICK PENETRATIONS. CHROME ESCUTCHEONS SHALL BE USED @ PLUMBING PIPING PENETRATION OF WALLS. THE USE OF CAULKING AND PAINT @ THE TIME OF PUNCHLIST INSPECTIONS WILL NOT BE DEEMED ACCEPTABLE IN LIEU OF THE ABOVE.	

PLAN ORIENTATION NOTE	
MECHANICAL DESIGN TO FIT WASHER/DRYER LOCATIONS SHOWN ON PLANS OF THIS ORIENTATION. MIRROR PLANS AS REQUIRED OPPOSITE LOCATION OF EQUIPMENT TO FUNCTION PROPERLY.	

PLUMBING LEGEND			
—HW—HW—	—HW—HW—	HOT WATER	
—CW—CW—	—CW—CW—	COLD WATER	
-----		SEWER LINE	
FCO FLOOR CLEAN-OUT	▶ VALVE		
▲ BALL VALVE	⊙ FLOOR DRAIN		
○ THERMAL EXPANSION TANK	▼ PRESSURE REDUCING VALVE		
WB WASHER BOX	⊕ HOSE BIBB		



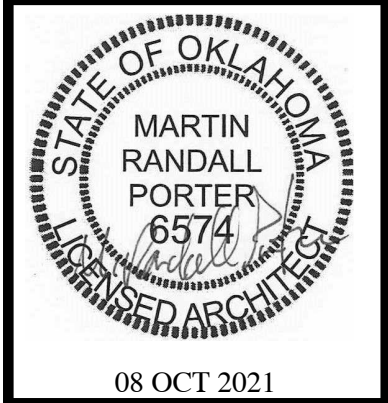
2-BR UNIT PLUMBING PLAN
SCALE: 1/4" = 1'-0"



3-BR UNIT PLUMBING PLAN
SCALE: 1/4" = 1'-0"

JURISDICTION APPROVAL	

ISSUE SET



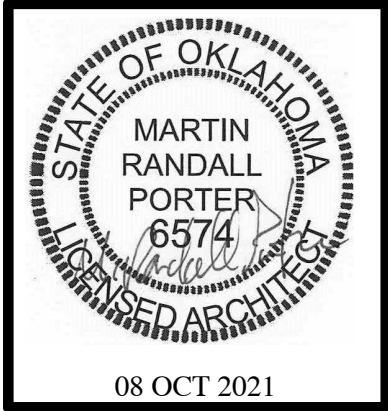
HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200
WALLACE ARCHITECTS, LLC

COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS	
08 OCT 2021	ISSUE SET

P1.0
JOB NO.
3849
10/12/2021 9:56:22 AM



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200

WALLACE ARCHITECTS, LLC

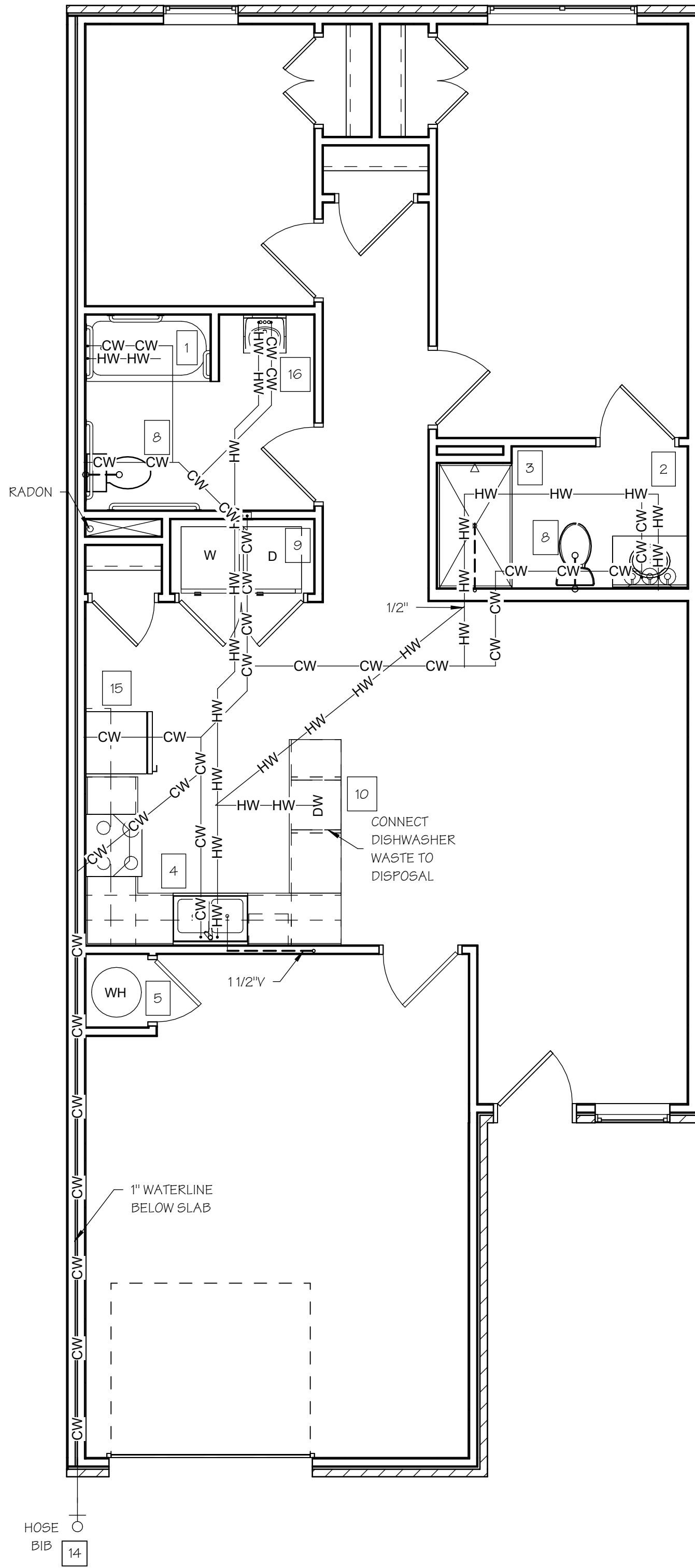
COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS	
DATE	DESCRIPTION
08 OCT 2021	ISSUE SET

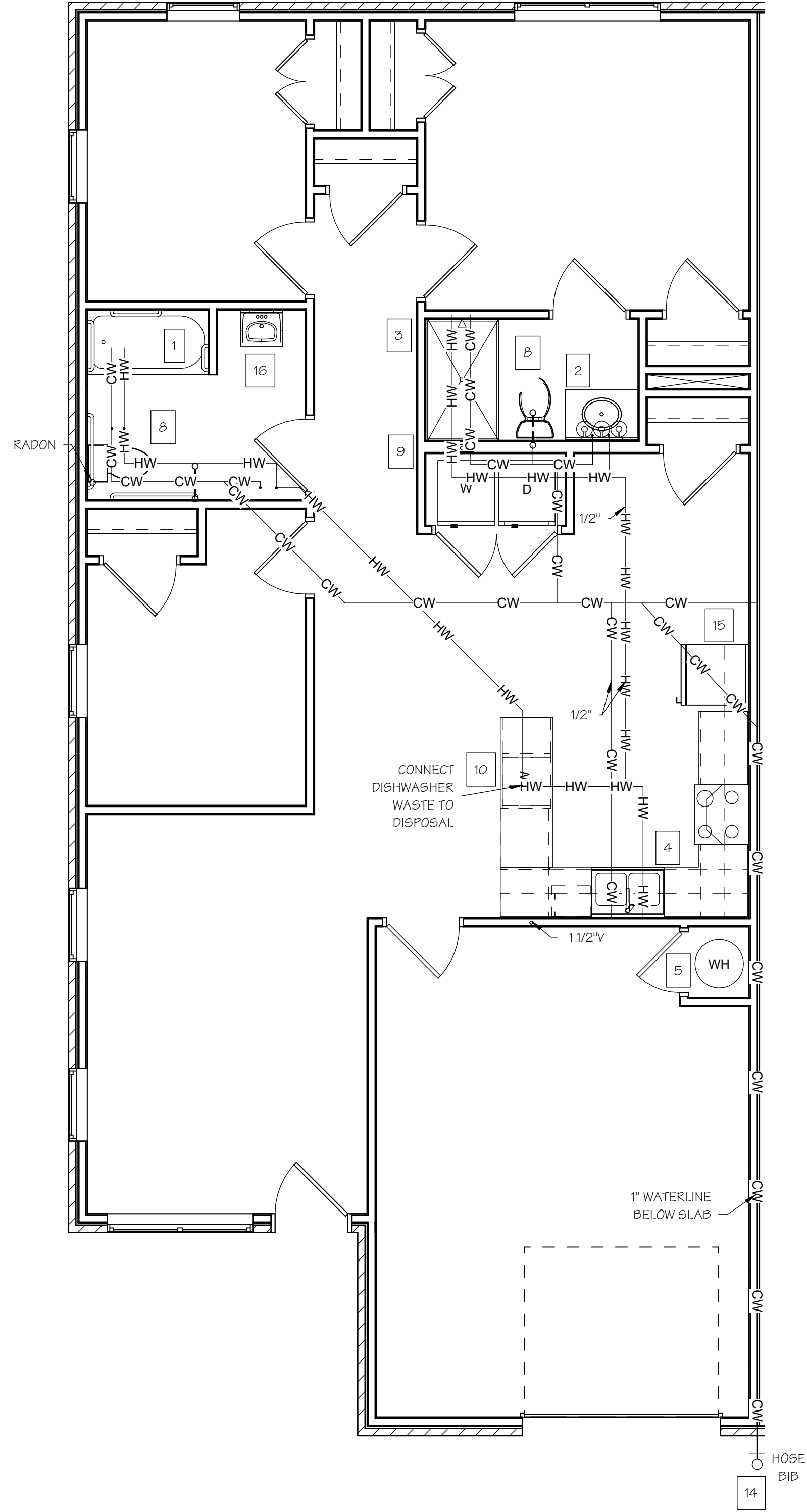
SHEET NO. **P1.1**

JOB NO.
3849

10/12/2021 09:56:23 AM



2-BR UFAS UNIT PLUMBING PLAN
SCALE: 1/4" = 1'-0"



3-BR UFAS UNIT PLUMBING PLAN
SCALE: 1/4" = 1'-0"

JURISDICTION APPROVAL

ISSUE SET



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA



COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

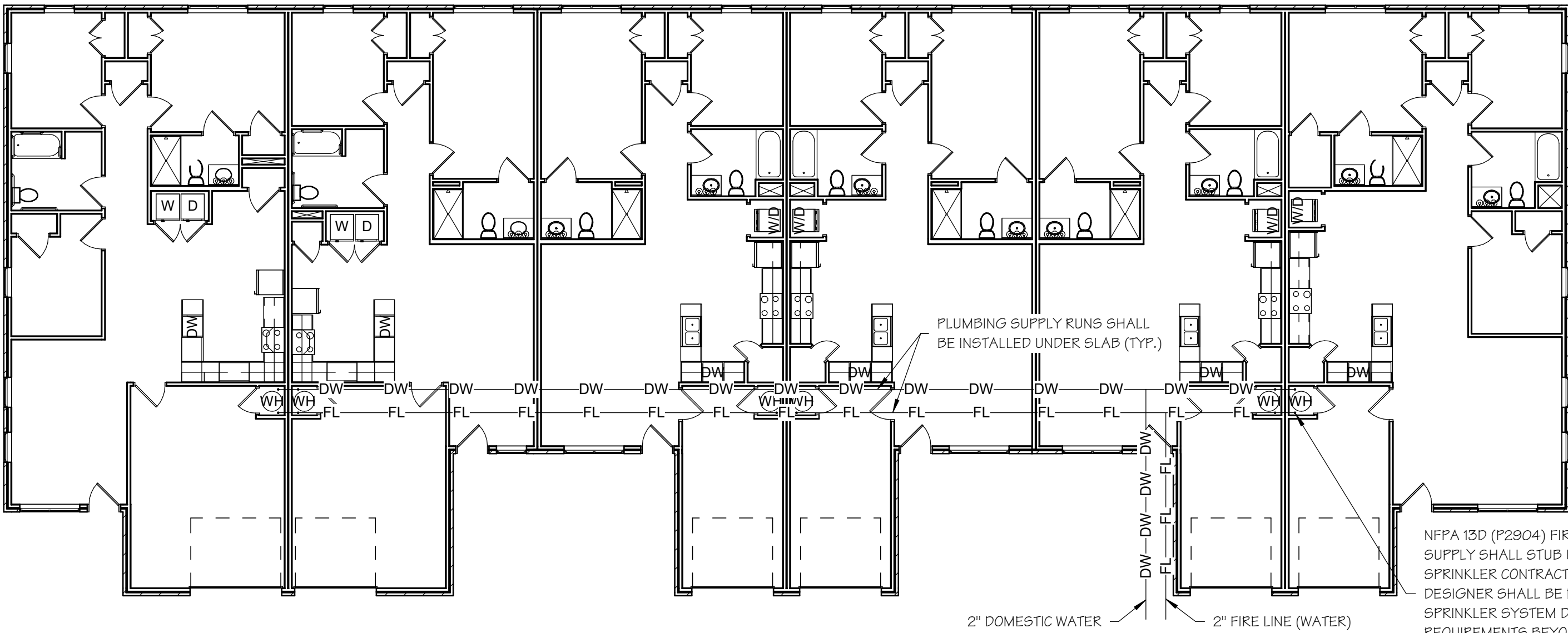
ISSUE/REVISIONS	
DATE	ADDENDUM #1
25 JAN 2022	

SHEET NO.
P1.2

JOB NO.
3849

GENERAL FIRE SPRINKLER NOTES

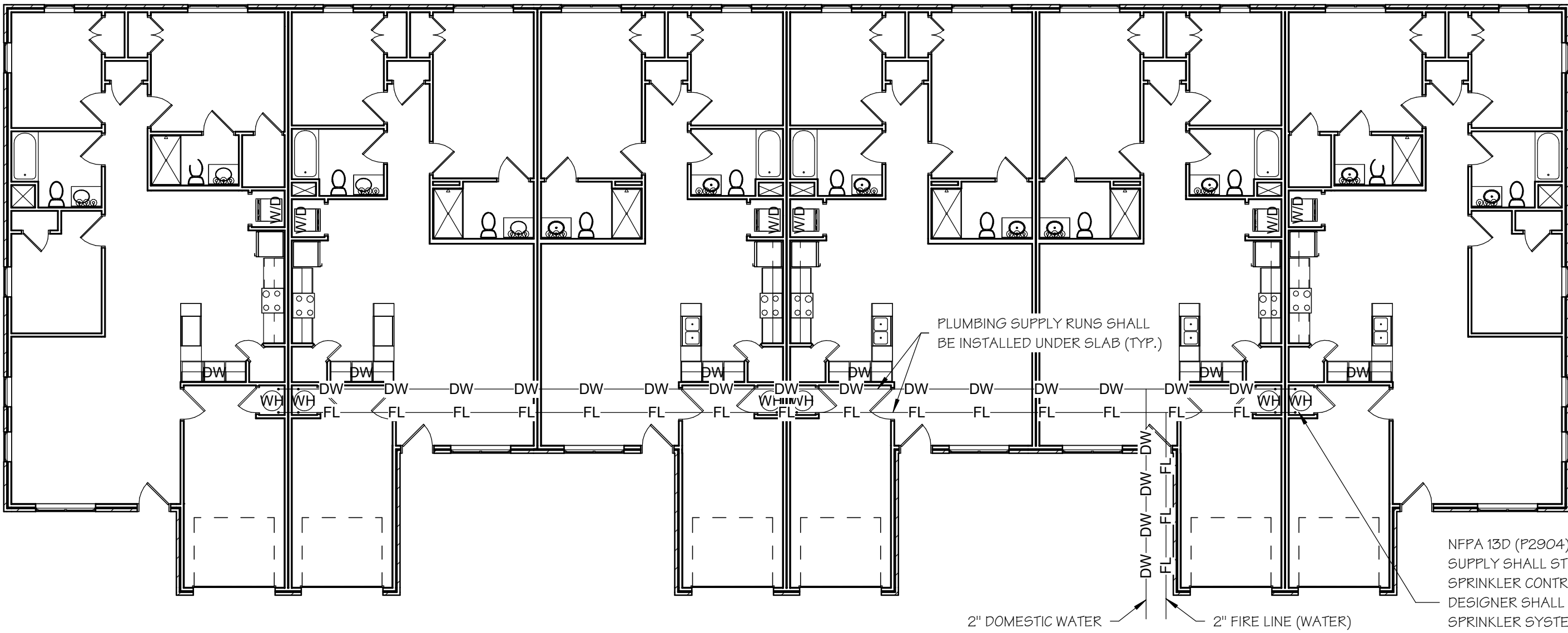
- 1) FIRE SPRINKLER SYSTEM DESIGN WILL BE PROVIDED UNDER SEPERATE SUBMISSION AS A DEFERRED SUBMITTAL.
- 2) FIRE SPRINKLER SYSTEM SHALL BE PROVIDED BY A LICENSED FIRE PROTECTION DESIGNER.
- 3) FIRE SPRINKLER SYSTEM DESIGNER & CONTRACTOR TO CONFIRM SIZING AND FLOW REQUIREMENTS.
- 4) GENERAL CONTRACTOR SHALL COORDINATE WITH CIVIL DRAWINGS FOR CONNECTIONS OUTSIDE OF THE BUILDING FOOTPRINT.



6-PLEX BUILDING #1 PLUMBING SUPPLY PLAN

1
P1.2
SCALE: 3/32" = 1'-0"

NOTE: SHEET ADDED IN ITS ENTIRETY



6-PLEX BUILDING #2 PLUMBING SUPPLY PLAN

2
P1.2
SCALE: 3/32" = 1'-0"

JURISDICTION APPROVAL

ADDENDUM #1



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS, LLC
Columbia, MO
P 978-255-7200

WALLACE ARCHITECTS, LLC

COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS	
25 JAN 2022	ADDENDUM #1

SHEET NO. **P1.3**

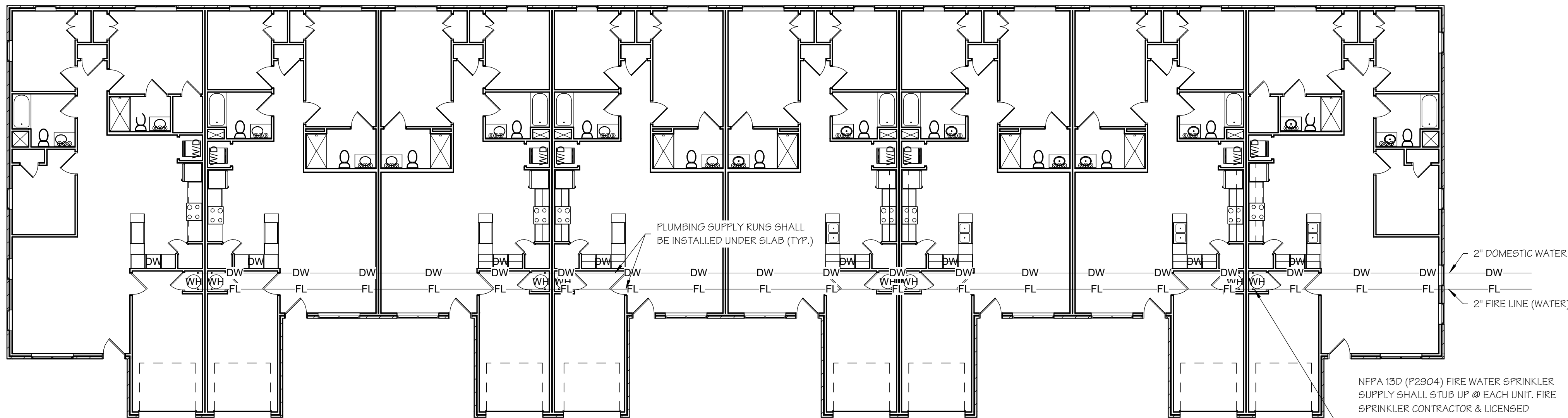
JOB NO.
3849

1/27/2022 3:11:40 PM

GENERAL FIRE SPRINKLER NOTES

- 1) FIRE SPRINKLER SYSTEM DESIGN WILL BE PROVIDED UNDER SEPERATE SUBMISSION AS A DEFERRED SUBMITTAL.
- 2) FIRE SPRINKLER SYSTEM SHALL BE PROVIDED BY A LICENSED FIRE PROTECTION DESIGNER.
- 3) FIRE SPRINKLER SYSTEM DESIGNER & CONTRACTOR TO CONFIRM SIZING AND FLOW REQUIREMENTS.
- 4) GENERAL CONTRACTOR SHALL COORDINATE WITH CIVIL DRAWINGS FOR CONNECTIONS OUTSIDE OF THE BUILDING FOOTPRINT.

NOTE: SHEET ADDED IN ITS ENTIRETY



NFPA 13D (P2904) FIRE WATER SPRINKLER SUPPLY SHALL STUB UP @ EACH UNIT. FIRE SPRINKLER CONTRACTOR & LICENSED DESIGNER SHALL BE RESPONSIBLE FOR THE SPRINKLER SYSTEM DESIGN & REQUIREMENTS BEYOND THIS POINT & AS APPROVED BY THE LOCAL AHJ.

JURISDICTION APPROVAL

8-PLEX BUILDING #3 PLUMBIING SUPPLY PLAN

1
P1.3 SCALE: 3/32" = 1'-0"

ADDENDUM #1



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200
WALLACE ARCHITECTS, L.L.C.

COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS	
NO.	ISSUE SET

SHEET NO.
E1.0
10/12/2021 09:56:13 AM

JOB NO.
3849

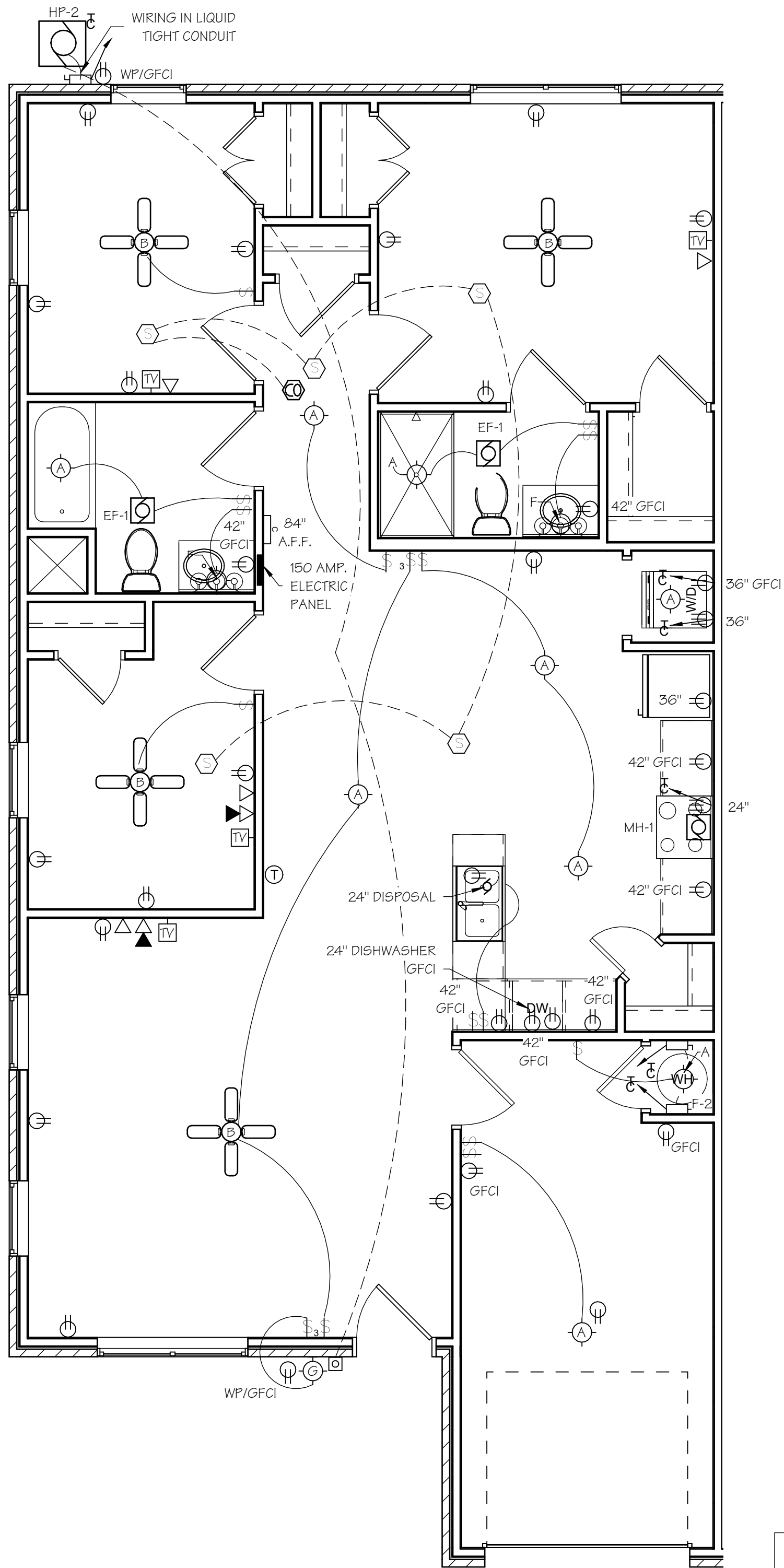
ISSUE SET

JURISDICTION APPROVAL

(A/V UNIT PER A1.0)

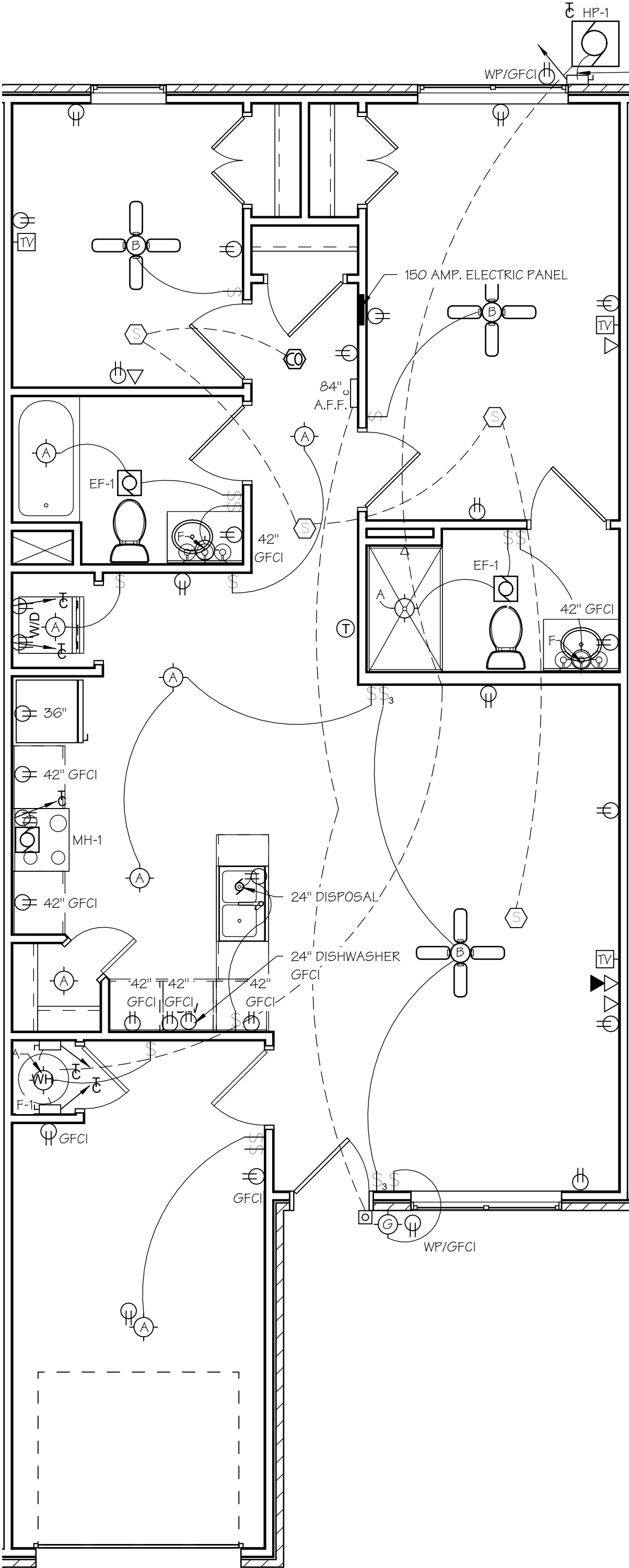
3-BR UNIT ELECTRICAL PLAN

2
E1.0 SCALE: 1/4" = 1'-0"



2-BR UNIT ELECTRICAL PLAN

1
E1.0 SCALE: 1/4" = 1'-0"



ELECTRICAL FIXTURE SCHEDULE

MARK	MFG	CATALOG #	WATTS	VOLTAGE	MOUNT	DESCRIPTION	REMARKS
A	PROGRESS	P8222-28-30K	17.3	120	CEILING	DESCRIPTION	
B	PROGRESS	P2501	63	120	CEILING	DESCRIPTION	
F	PROGRESS	HS21009	60	120	WALL	DESCRIPTION	
G	PROGRESS	P5756-09	100	120	WALL	DESCRIPTION	

GENERAL NOTES:
1. THE ABOVE FIXTURE SCHEDULE IS FOR OWNERS USE IN THE SELECTION OF LIGHT FIXTURES - OWNER MAY CHOOSE TO SELECT ALTERNATE LIGHT FIXTURES OF EQUAL TYPE.
2. ALL INTERIOR LIGHT FIXTURES AND CEILING FANS SHALL BE ENERGY STAR RATED.

ELECTRICAL LEGEND

\$	ONE WAY SWITCH
\$\$\$	THREE WAY SWITCH
\$\$\$\$	FOUR WAY SWITCH
⊖	120 V. RECEPTACLE
⊖	240 V. RECEPTACLE
⊖	TELEPHONE JACK
▲	DATA JACK
◀	TELEPHONE/DATA JACK
TV	TELEVISION JACK
⊖	KEYPAD
⊖	ELECTRIC PANEL
⊖	CIRCUIT TO PANEL
⊖	J-BOX
⊖	DISCONNECT
⊖	EXHAUST FAN MOTOR
⊖	MOTOR CONNECTION
⊖	PUSHBUTTON
⊖	DOOR CHIME
⊖	THERMOSTAT
⊖	LIGHT, WALL MOUNT
⊖	LIGHT, CEILING MOUNT INCANDESCENT
ID	LIGHT, SURFACE MOUNT FLUORESCNET
⊖	LIGHT, SUSPENDED CEILING MOUNT FLUORESCENT
⊖	CEILING FAN
X-1	EXIT LIGHT W/BATTERY BACKUP, SINGLE FACED
X-2	EXIT LIGHT W/BATTERY BACKUP, DOUBLE FACED
⊖	EMERGENCY LIGHT W/BATTERY BACKUP
⊖	CARBON MONOXIDE DETECTOR
⊖	SMOKE DETECTOR
⊖	SMOKE DETECTOR W/STROBE
HS	FIRE ALARM HORN STROBE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
GFI/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
WP	WEATHERPROOF

NOTE: SWITCH & OUTLET HEIGHTS NOTED ON PLANS SHALL BE TO THE BOTTOM OF THE BOX.

AFCI NOTE

PROVIDE AFCI PROTECTION AT 120 VOLT CIRCUITS PER 2017 NEC AT DWELLING UNIT KITCHENS, DINING ROOMS, FAMILY ROOMS, LIVING ROOMS, BEDROOMS, CLOSETS, HALLWAYS AND LAUNDRY AREAS.

TV SYSTEM NOTES

- 1) ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL MATRIEAL REQUIRED FOR A COMPLETE WORKING SYSTEM WITH UNDISTURBED RECEPTION TO EACH OUTLET.
- 2) SYSTEM IS TO BE PROPERLY GROUNDED FOR ADEQUATE LIGHTNING...
- 3) INSTALLATION SHALL CONFORM TO ARTICLES 800 AND 810 OF NATIONAL ELECTRICAL CODE.
- 4) ALL TV WIRING IS TO BE CONCEALED, PROVIDE 6'-0" OF CABLE AND CONNECTION (CAC-6 CF) AT EACH OUTLET.

ELECTRICAL NOTES

- 1) PLACE ALL RECEPTACLES 15" A.F.F. EXCEPT AS NOTED OTHERWISE. PROVIDE ALL WHITE COVER PLATES.
- 2) PLACE ALL SWITCHES @ 44" A.F.F. PROVIDE WHITE SWITCH PLATES.
- 3) SWITCH AND OUTLET HEIGHTS NOTE ON PLANS SHALL BE TO THE BOTTOM OF THE BOX.
- 4) ALL WIRING DONE IS TO BE WITH COPPER WIRE. ALUMINUM WIRE IS NOT TO BE USED.
- 5) ELECTRICAL CONTRACTOR SHALL PROVIDE ELECT. PANELS W/150 AMP MAIN BREAKER PROTECTION, SPACES FOR ALL REQUIRED CIRCUITS AND 10 FUTURE CIRCUITS OR AS REQUIRED BY THE 2017 IRC. SPARE OR UNUSED BREAKERS INSTALLED IN ELECTRIC PANELS SHALL BE SO LABELED.
- 6) KITCHEN COUNTERTOP RECEPTACLES ARE TO BE ON TWO DEDICATED 20 AMP CIRCUITS.
- 7) ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE CO. & VERIFY PREWIRING RESPONSIBILITIES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OUTLETS SHOWN PREWIRED W/ELECT. BOX COVER PLATE & JUNCTION BOX AT BLDG. EXTERIOR. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ONE JACK PER TELEPHONE OUTLET SHOWN.
- 8) PROVIDE G.F.I. BREAKERS OR G.F.I. RECEPTACLE FEED-THRU CIRCUITS FOR PROTECTION OF OUTLETS IN THE FOLLOWING AREAS; GARAGES, BATH, OUTDOOR, KITCHEN COUNTERTOPS AND LAUNDRY. AFCI PROTECTION SHALL BE REQUIRED ON ALL 120V, SINGLE PHASE, 15 AND 20 AMP CIRCUITS IN ALL OTHER AREAS OF THE DWELLING.
- 9) ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL ELECTRIC UTILITY COMPANY FOR ELECTRIC SERVICE ENTRANCE INFORMATION.
- 10) ELEC. CONTR. SHALL LABEL ALL CIRCUITS IN PANEL W/SPECIFIC ROOMS AND APPLIANCES.
- 11) SWITCHES TO BE 15 AMP, SILENT SWITCH.
- 12) SEE SCHEDULE ON SHEET M1.0 AND SPECIFICATIONS FOR EXHAUST FANS. COORDINATE AS NECESSARY TO PROVIDE POWER/SWITCHING REQUIREMENTS.
- 13) SMOKE DETECTORS/CARBON MONOXIDE DETECTORS SHALL BE INTERCONNECTED TO EACH OTHER WITHIN THE UNIT TO FUNCTION IN UNISON.
- 14) RANGE WIRING TO BE 8/3 W/G, OR AS PERMITTED BY THE 2017 NEC. DRYER WIRING TO BE 10/3 W/G.
- 15) ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL POWER CORDS FOR ALL RANGES, DISHWASHERS, AND GARBAGE DISPOSALS.
- 16) THE REQUIRED BATH OUTLET SHALL BE WITHIN 36" FROM THE LAVATORY ON A WALL OR ON THE SIDE OR FACE OF THE VANITY CABINET, NO MORE THAN 12" BELOW THE LAVATORY.
- 17) PROVIDE ELECTRICAL OUTLET IN ATTIC FOR FUTURE INSTALLATION OF VENT FAN FOR RADON REDUCTION SYSTEM (SEE DETAIL V P1.0)
- 18) ALL 125V, 15 AND 20 AMP RECEPTACLES ARE REQUIRED TO BE TAMPER RESISTANT IN ALL DWELLING UNITS AND GARAGE.
- 19) SUSPENDED CEILING FANS ARE TO BE SUPPORTED BY A RATED BOX SYSTEM OR BY INDEPENDENT ATTACHMENT TO FRAMING.
- 20) ELECTRICAL PANELS CANNOT BE LOCATED IN CLOTHES CLOSETS, STORAGE AREAS OR BATHROOMS.
- 21) ALL ELECTRICAL WORK TO BE IN ACCORDANCE/COMPLIANCE WITH THE 2017 NEC.
- 22) UFAS UNITS SHALL BE PROVIDED W/FAN SPEED CONTROLS @ THE SWITCH LOCATION.

VISUAL/HEARING IMPAIRED PROVISION NOTES

THE CONTRACTOR SHALL FURNISH & PROVIDE FOR THE OWNER'S FUTURE USE IN ACCESSIBLE UNITS EQUIPMENT FOR THE VISUAL / HEARING IMPAIRED AS FOLLOWS:
REPLACE THE SMOKE DETECTORS (SEE SHEET E1.0 AND SPECS.) WITH GENTEX 7109CS (110V, 9V) AUDIBLE / VISUAL FIRE ALARM SIGNALS OR EQUAL.
INTERCONNECT TO EACH OTHER WITH THE UNIT.

REPLACE THE DOOR CHIME WITH A JENKINS MODEL BL-1 DOOR FLASHING MASTER UNIT OR EQUAL. INTERCONNECT WITH DOOR BELL.

TAMPER RESISTANT NOTE

AT 120 VOLT, 15 OR 20 AMP CIRCUITS IN DWELLING UNITS. PROVIDE TAMPER RESISTANT PROTECTION PER 2017 NEC.

GFCI NOTE

INSTALL NEW GFCI DEVICES AND COVERS AT 120 VOLT 15 OR 20 AMP CIRCUITS PER 2017 NEC.

A/V NOTES

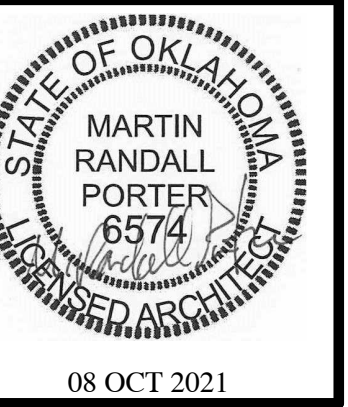
AT EACH SENSORY IMPAIRED UNIT THE ELEC. CONTR. SHALL FURNISH & INSTALL A SMOKE DETECTOR/STROBE LIGHT COMINATION UNIT IN HALL & EACH BEDROOM CONNECT DETECTOR IN BEDROOMS TO DETECTOR IN HALL, SO THAT ALL DETECTORS ARE ON SAME 120V POWER CIRCUIT. ALSO A DOOR CHIME UNIT TO BE FURNISHED W/LIGHT SO THAT UPON BEING OPERATED LIGHT IS ACTIVATED. ALL WORK IN THIS UNIT SHALL COMPLY W/FEDERAL GUIDE LINES FOR "SENSORY IMPAIRED" INDIVIDUALS. REFER TO BUILDING PLANS FOR LOCATION FOR UNIT(S).

PENETRATION NOTE

ALL PENETRATIONS OF FLOORS, WALLS AND CEILINGS BY HVAC COMPONENTS (DUCTS, PIPING, GRILLES), PLUMBING COMPONENTS (PIPING, CLEAN-OUTS, VALVES), ELECTRICAL COMPONENTS (BOXES, WIRING, CONDUIT), ETC. SHALL BE PROPERLY AND EFFECTIVELY SEALED DURING CONSTRUCTION WITH PROPER MATERIALS AND NEATLY FINISHED. GYPSUM BOARD COMPOUND SHALL BE USED @ GYP. BD. OPENINGS, EXCEPT THAT EXPANDABLE FOAM MAY BE USED IN AREAS SUCH AS MECHANICAL ROOMS. MORTAR SHALL BE USED @ BRICK PENETRATIONS. CHROME ESCUTCHEONS SHALL BE USED @ PLUMBING PIPING PENETRATION OF WALLS. THE USE OF CAULKING AND PAINT @ THE TIME OF PUNCHLIST INSPECTIONS WILL NOT BE DEEMED ACCEPTABLE IN LIEU OF THE ABOVE.

PLAN ORIENTATION NOTE

MECHANICAL DESIGN TO FIT WASHER/DRYER LOCATIONS SHOWN ON PLANS OF THIS ORIENTATION. MIRROR PLANS AS REQUIRED OPPOSITE LOCATION OF EQUIPMENT TO FUNCTION PROPERLY.



HARMONY APARTMENTS
OKLAHOMA CITY, OKLAHOMA COUNTY, OKLAHOMA

Wallace
ARCHITECTS L.L.C.

Columbia, MO
P 573-256-7200

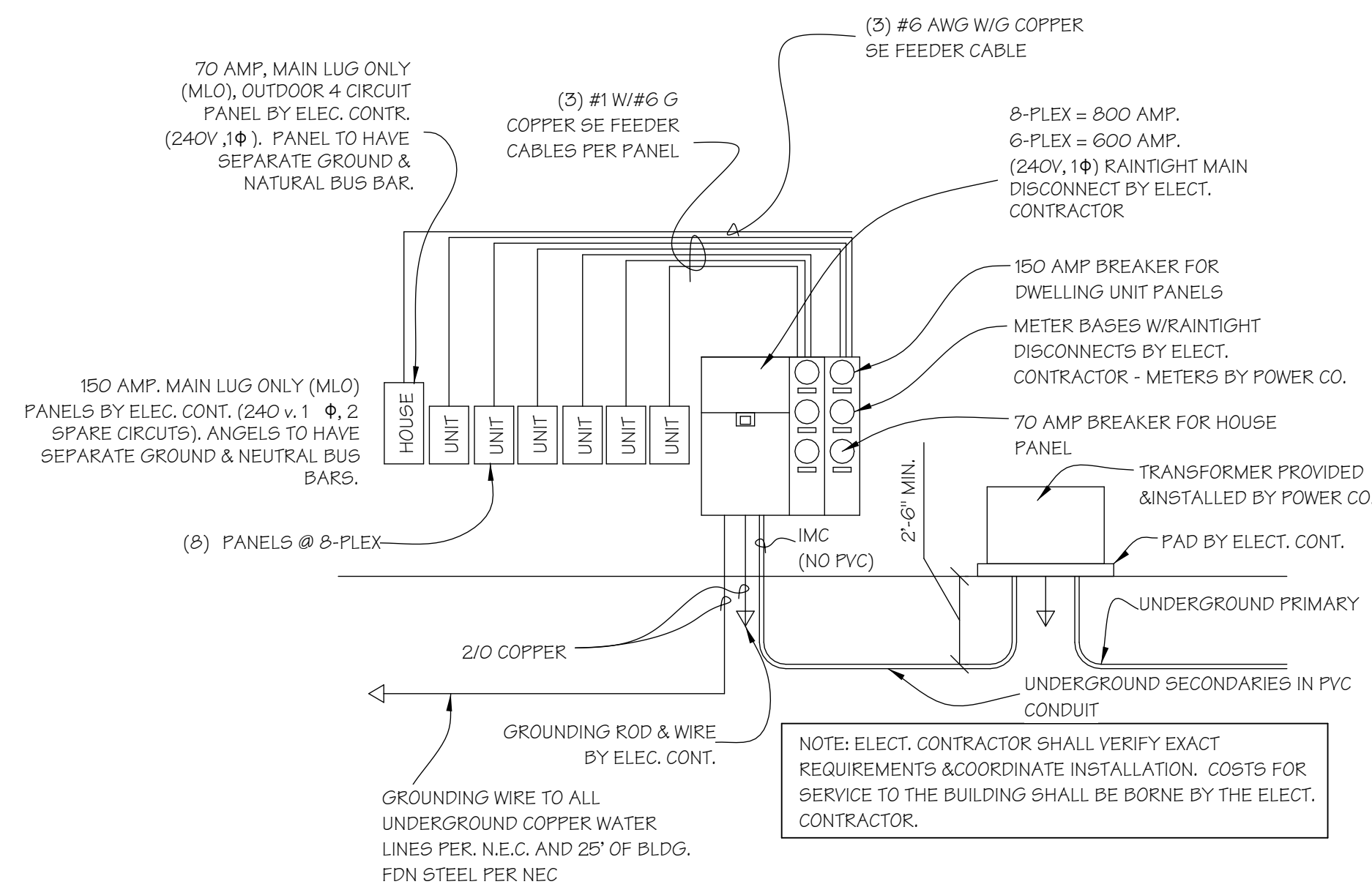
WALLACE ARCHITECTS, LLC

COPYRIGHT © 2021
1ST ISSUE
08 OCT 2021

ISSUE/REVISIONS
8 OCT 2021 ISSUE SET

E1.1

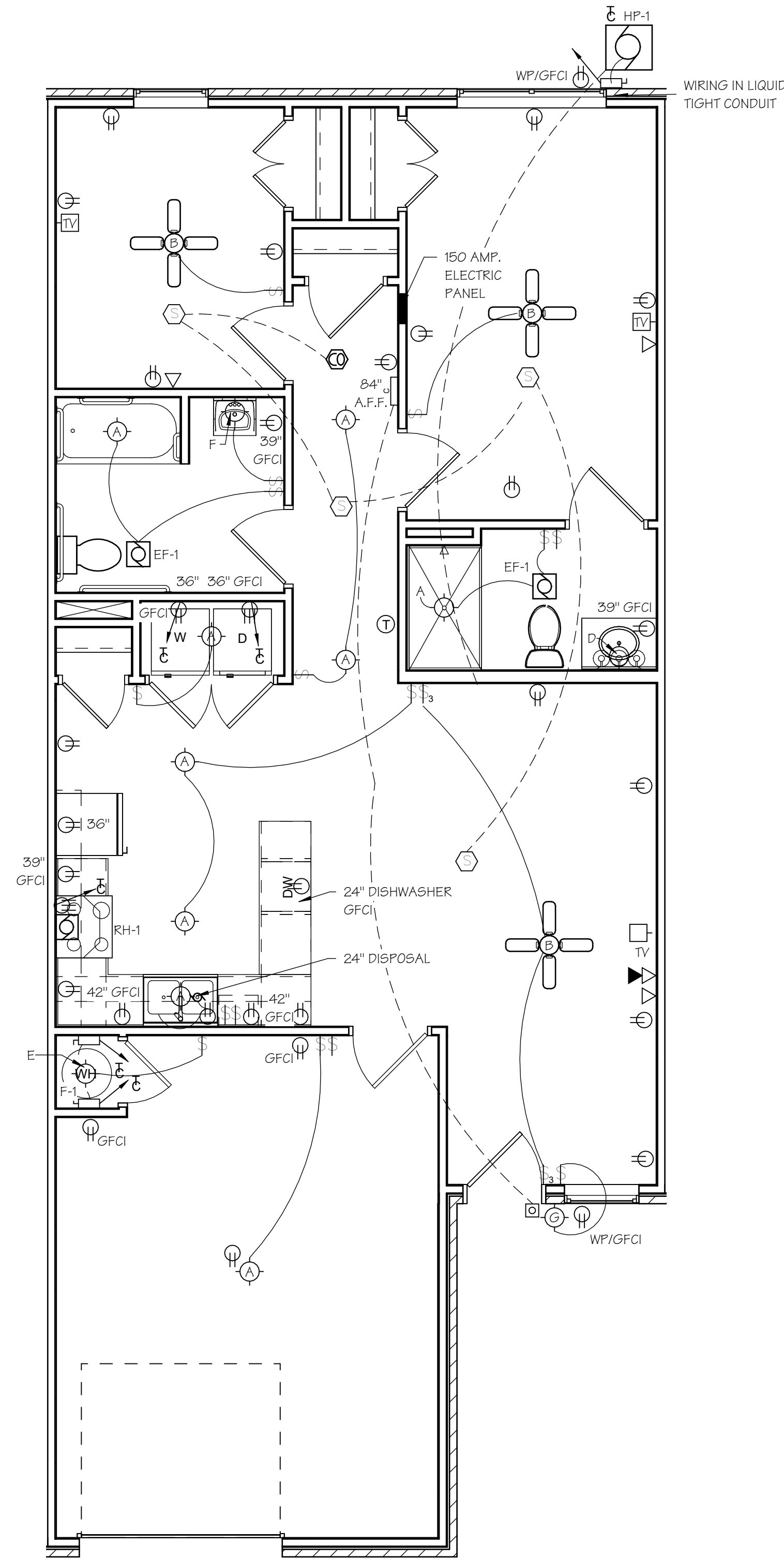
JOB NO.
3849



ELECTRICAL RISER DIAGRAM

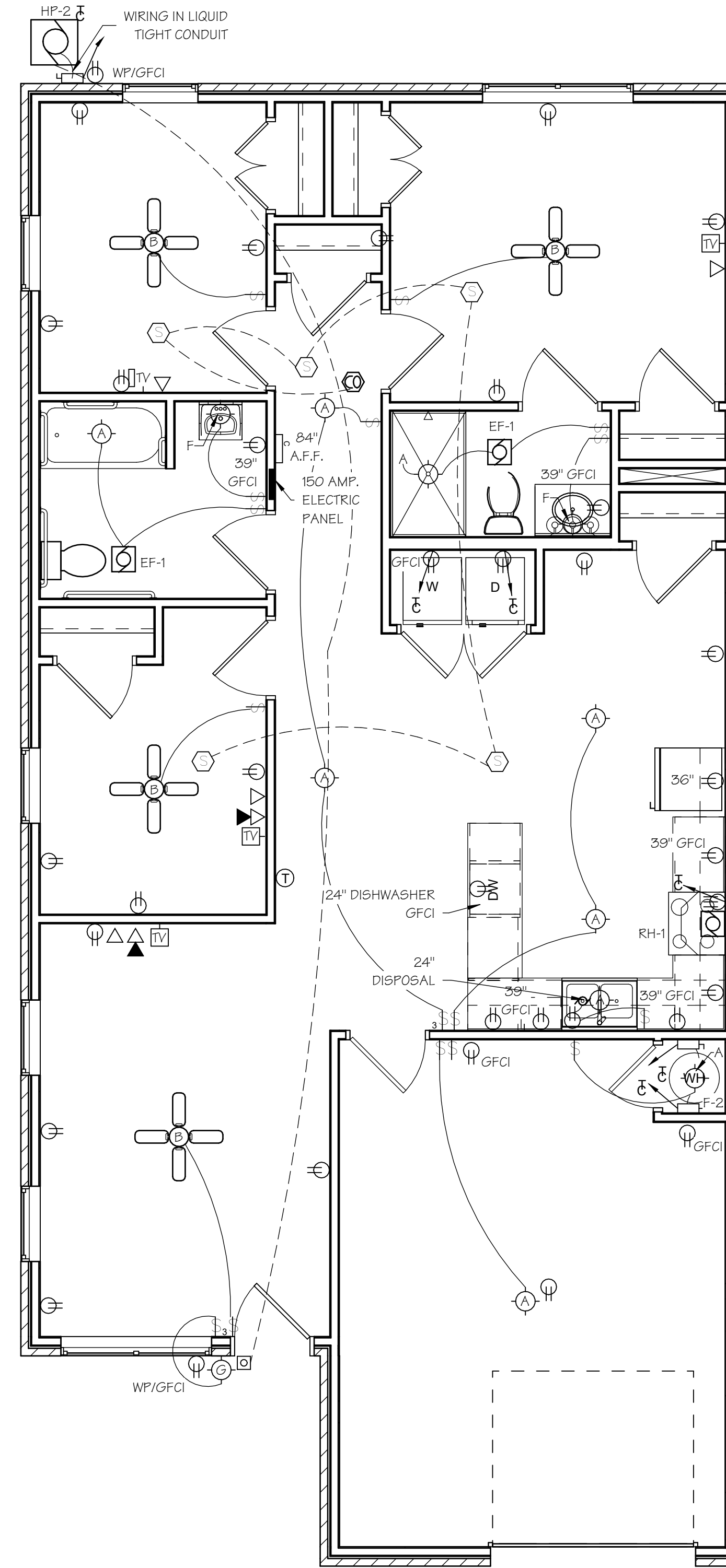
SCALE: 1/4" = 1'-0"

(8-PLEX SIMILIAR)



2-BR UFAS UNIT ELECTRICAL PLAN

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



3-BR UFAS UNIT ELECTRICAL PLAN

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

JURISDICTION APPROVAL

ISSUE SET