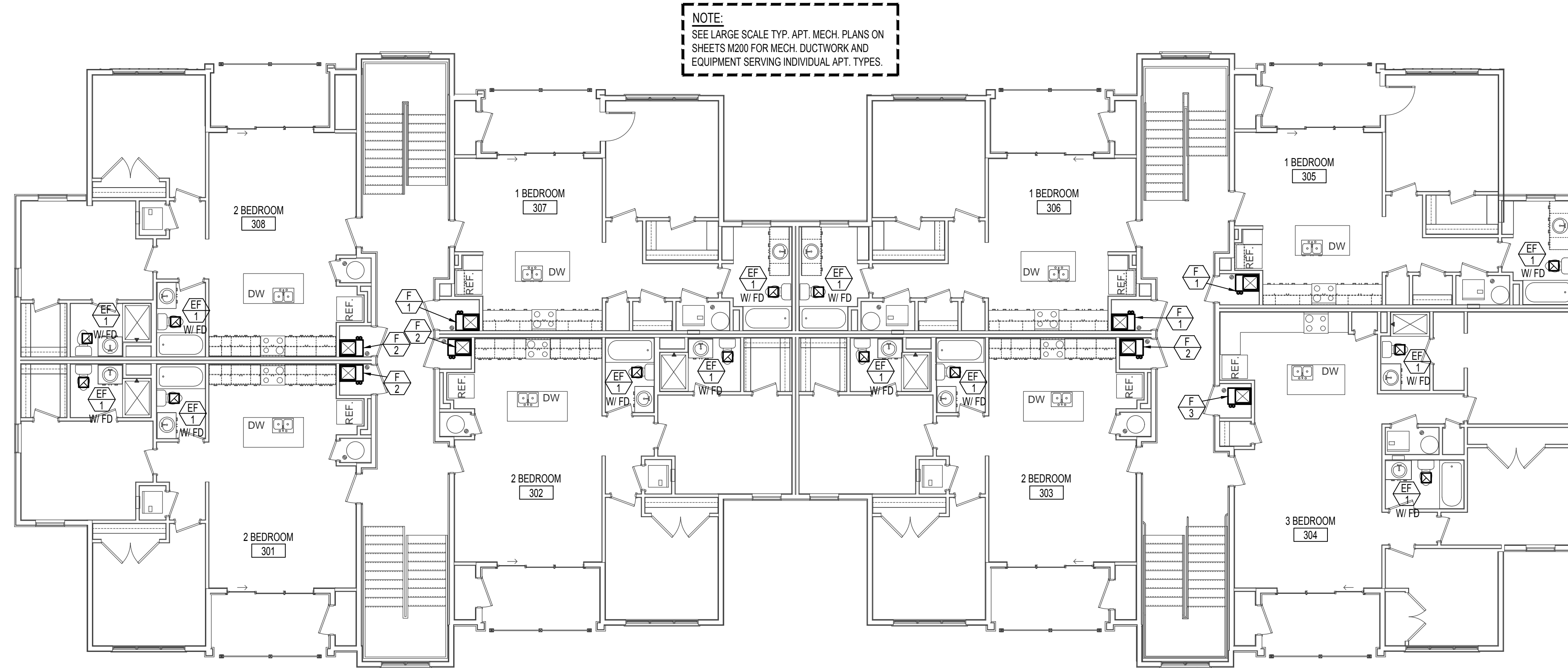




ARCHITECTURE · PLANNING · INTERIORS
 649 E SOUTH TEMPLE
 SALT LAKE CITY, UT 84102
 801.355.5915 · www.crsa-us.com



3RD LEVEL MECHANICAL PLAN
 SCALE: 1/8" = 1'-0"

NOTE:
 SEE LARGE SCALE TYP. APT. MECH. PLANS ON SHEETS M200 FOR MECH. DUCTWORK AND EQUIPMENT SERVING INDIVIDUAL APT. TYPES.

FURNACE AND DX COOLING COIL SCHEDULE

SYM.	TYPE	C.F.M.	SP _e	SPEED	MCA	MOCP	CHAR.	NATURAL GAS			E.A.T.	L.A.T.	GAS TYPE	DX COOLING COIL				PIPING SIZES				REMARKS		
								INPUT	OUTPUT	@ ELEV.				B.T.U.	E.A.T.	L.A.T.	MAX. P.D.	LIQUID	SUCTION	C.D.	NAT GAS		INTAKE	EXHAUST
F-1	UPFLOW	800	0.6"	M-HIGH	1/3 H.P.	NA	120/60/1	44,000	42,000	34,440	65°F	105°F	NAT	24,000	75°F	55°F	25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2'0"	2'0"	LENNOX EL195UH4SP24B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND HORIZ. VENT TERMINAL ASSEMBLY.
F-2	UPFLOW	950	0.6"	M-HIGH	1/3 H.P.	NA	120/60/1	66,000	62,700	52,041	65°F	105°F	NAT	30,000	75°F	55°F	25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2'0"	2'0"	LENNOX EL195UH070P36B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND HORIZ. VENT TERMINAL ASSEMBLY.
F-3	UPFLOW	1050	0.6"	M-HIGH	1/3 H.P.	NA	120/60/1	88,000	85,000	69,700	65°F	105°F	NAT	30,000	75°F	55°F	25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2'0"	2'0"	LENNOX EL195UH090P36B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND HORIZ. VENT TERMINAL ASSEMBLY.

CONDENSING UNIT SCHEDULE

SYM.	BTU	EAT	CHAR.	MCA	MOCP	REMARKS
CU-1	24,000	95°F	208/60/1	17.5	30.0	LENNOX MODEL 13AXC-024 WITH 0°F LOW AMBIENT KIT (SERVES FURNACE F-1)
CU-2	30,000	95°F	208/60/1	18.7	30.0	LENNOX MODEL 13AXC-030 WITH 0°F LOW AMBIENT KIT (SERVES FURNACE F-2)
CU-3	30,000	95°F	208/60/1	18.7	30.0	LENNOX MODEL 13AXC-030 WITH 0°F LOW AMBIENT KIT (SERVES FURNACE F-3)

EXHAUST FAN SCHEDULE

SYM.	TYPE	C.F.M.	S.P.E.	H.P.	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING MOUNTED	100	0.25	1/6	120/60/1	760	SEE ELEC.	AIR KING FRAK 130 WITH 4'0" DUCT & BACKDRAFT DAMPER, CEILING MOUNTED EXHAUST GRILLE AND WALL CAP.

* ALL EXHAUST FANS TO HAVE 1 HR FIRE DAMPER AT GRILLE

ELECTRIC HEATER SCHEDULE

SYM.	TYPE	BTU	KW	CHAR.	CONTROL	REMARKS
EH-1	SEMI-RECESSED WALL MTD	6824	2.0	208/60/1	INTEGRAL	QMARK MODEL AWH-4408 WITH AWH-S-1 SEMI-RECESSED MOUNT FRAME

GRILLE AND REGISTER SCHEDULE

SYM.	SIZE	THROW	CFM	CONSTR.	FINISH	F.D.	O.B.	REMARKS
CD-1	12 x 4	2 WAY	50-180	STEEL	WHITE	NO	YES	ACCORD MODEL 222 WITH 2-WAY DEFLECTION. MOUNT IN CEILING. PROVIDE TRANSITION BOOT.
S-1	8 x 6	2 WAY	20-50	STEEL	WHITE	NO	YES	ACCORD MODEL 222 WITH 2-WAY DEFLECTION. MOUNT IN SIDEWALL AS HIGH AS POSSIBLE. PROVIDE TRANSITION BOOT.
S-2	12 x 4	2 WAY	100-200	STEEL	WHITE	NO	YES	ACCORD MODEL 222 WITH 2-WAY DEFLECTION. MOUNT IN SIDEWALL AS HIGH AS POSSIBLE. PROVIDE TRANSITION BOOT.
S-3	12 x 6	2 WAY	250-400	STEEL	WHITE	NO	YES	ACCORD MODEL 222 WITH 2-WAY DEFLECTION. MOUNT IN SIDEWALL AS HIGH AS POSSIBLE. PROVIDE TRANSITION BOOT.
R-1	24 x 24	---	700-900	STEEL	WHITE	NO	NO	ACCORD MODEL 500. MOUNT IN CEILING AS SHOWN ON PLANS
TG-1	12x8	---	100-200	STEEL	WHITE	NO	NO	ACCORD MODEL 500. MOUNT ABOVE DOOR HEADER AS SHOWN ON PLANS

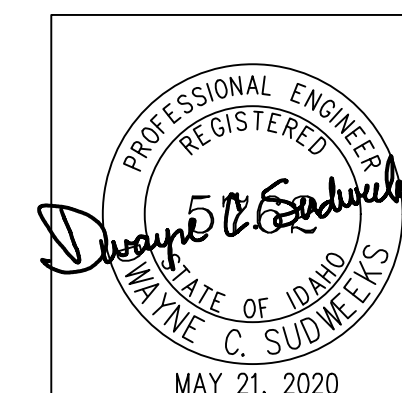
(A) PROVIDE TRANSITION BOOT BEHIND GRILLE AS REQUIRED TO CONNECT TO BRANCH DUCT.

**BURLEY APARTMENTS
 TWIN FALLS, IDAHO**

STAMP

ISSUE TYPE:	DATE:
△	-----
PROJECT NUMBER:	18-014
DRAWN BY:	Author
CHECKED BY:	Checker

3RD LEVEL MECHANICAL PLAN & SCHEDULES



Engineered Systems Associates
 1355 EAST CENTER
 POCATELLO, IDAHO 83201
 PHONE: (208) 233-0501
 FAX: (208) 233-0529
 EMAIL: esa@engsystems.com
 ESA JOB NUMBER: 20018

M102