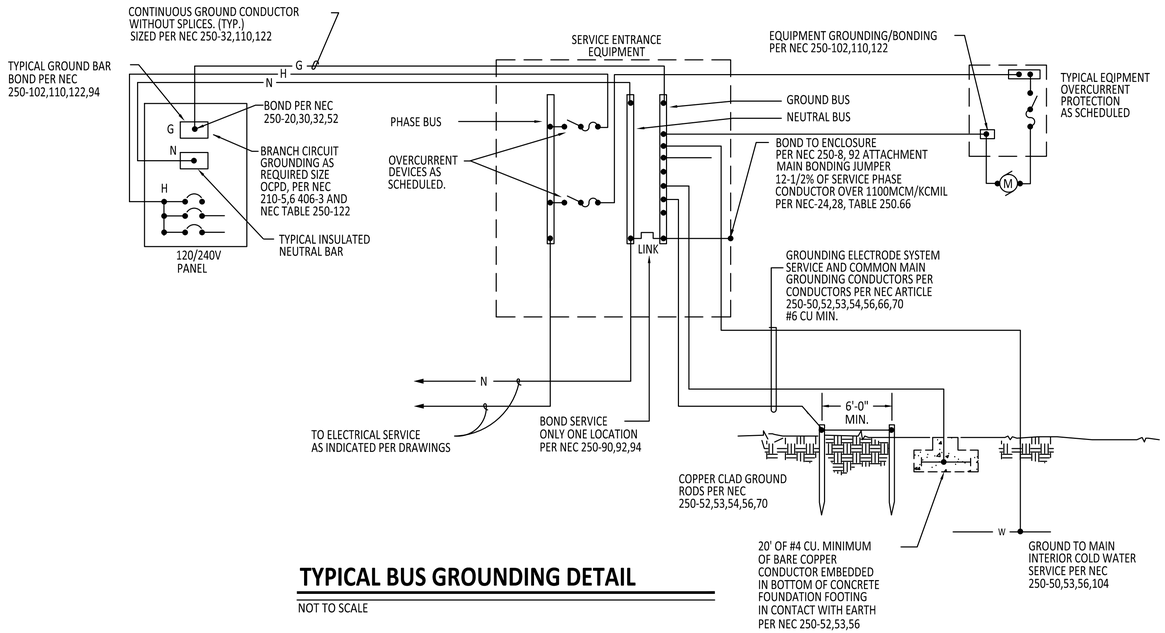
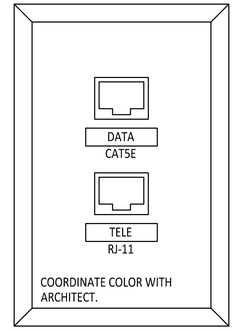


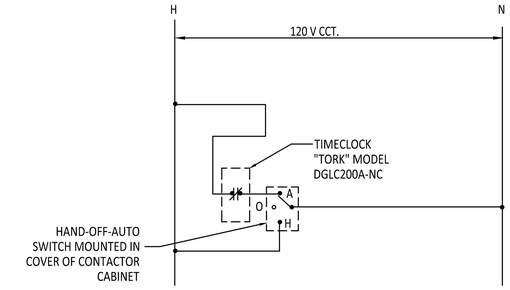
TYPICAL BUS GROUNDING DETAIL

NOT TO SCALE



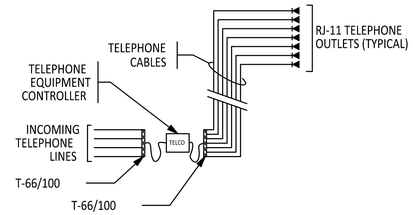
TELEPHONE/DATA FACEPLATE DETAIL

NOT TO SCALE EDTLEL4



TIME CLOCK DETAIL

NOT TO SCALE:



TELEPHONE ONE-LINE DIAGRAM

NOT TO SCALE: EDTLTE4

TYPICAL TELEPHONE BACKBOARD DETAIL

NOT TO SCALE:

DEVICE SCHEDULE

KEY	DESCRIPTION	MANUFACTURE	MODEL NUMBER	MOUNTING
PP	POWER PACK	NLIGHT	NPP16-D-EFP-SW2 (PROVIDE MODEL NPP16-D-ER-EFP FOR ALL EMERGENCY TYPE FIXTURES)	ABOVE CEILING
$DM	LOW VOLTAGE WALL DIMMER SWITCH	NLIGHT	NPODM-DX (COORDINATE COLOR WITH ARCHITECT)	WALL
VS	CEILING OCC./VACANCY SENSOR	NLIGHT	NCM-PDT-RJB (COORDINATE COLOR WITH ARCHITECT)	CEILING
$VS	LOW VOLTAGE WALL VACANCY SENSOR & DIMMER SWITCH	NLIGHT	NWSX-PDT-LV-DX (COORDINATE COLOR WITH ARCHITECT)	WALL
$	LINE VOLTAGE WALL SWITCH (PROVIDE 3 & 4 WAY CONFIG. AS SHOWN)		SEE TECHNICAL SPECIFICATIONS	WALL

LIGHT FIXTURE SCHEDULE

KEY	DESCRIPTION	MANUFACTURER	CATALOG #	TYPE	VOLT.	WATTS/ FIXTURE	MOUNTING	COMMENTS
A	2' X 2'	LITHONIA	2BLTX2 40L ADP LP835	LED	UNIV	39	SURFACE	
AE	2' X 2' - EM	LITHONIA	2BLTX2 40L ADP LP835	LED	UNIV	39	SURFACE	PROVIDE W/ EM. BATT. BACKUP OPT.
B	RECESSED DOWNLIGHT	LITHONIA	LDN4 35/10 LO4AR LSS	LED	UNIV	13	CEILING	
BE	RECESSED DOWNLIGHT - EM	LITHONIA	LDN4 35/10 LO4AR LSS	LED	UNIV	13	CEILING	PROVIDE W/ EM. BATT. BACKUP OPT.
C	1'X4' LINEAR	LITHONIA	BLTX4 40L ADP LP835	LED	UNIV	34	SURFACE	
CE	1'X4' LINEAR - EM	LITHONIA	BLTX4 40L ADP LP835	LED	UNIV	34	SURFACE	PROVIDE W/ EM. BATT. BACKUP OPT.
D	WALL VANITY	LITHONIA	FMVCSL 24IN 30K	LED	UNIV	26	WALL	
F	RECESSED DOWNLIGHT	LITHONIA	LDN4 40/10 LO4AR LSS	LED	UNIV	13	CEILING	
FE	RECESSED DOWNLIGHT	LITHONIA	LDN4 40/10 LO4AR LSS EL	LED	UNIV	13	CEILING	PROVIDE W/ EM. BATT. BACKUP OPT.
G	EXTERIOR SCONCE	LITHONIA	OLCS 8 DDB	LED	UNIV	9	WALL	
H	EXTERIOR SIGN LIGHT	EATON	303 S1 LEDB1 4000 UNV T2	LED	UNIV	9	WALL	FINISH BY ARCH.
X	EXIT SIGN ONLY	LITHONIA	LHQM S W 3 G HO RO	LED	UNIV	1	SURFACE	COOR. ARROW DIRECTION WITH ARCH.

PANEL A

VOLTAGE (L-N):	120	ENCLOSURE TYPE:	NEMA3R
VOLTAGE (L-L):	240	MOUNTING:	SURFACE
PHASES, WIRES:	1 ϕ, 3 W	AIC RATING:	10000
MINIMUM BUS CAPACITY (A):	400 A	NOTES:	----
MAIN O.C. DEVICE (A):	400 A		

CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA) A	PHASE LOADS (VA) B	POLE	TRIIP AMPS	DESCRIPTION	CKT NO
1	1ST FL. W LTG.	20	1	1035	720	1	20	RECTP.	2
3	1ST FL. E LTG.	20	1		1360	900	1	20	RECTP.	4
5	2ND FL. W LTG.	20	1	1235	900	1	20	RECTP.	6
7	2ND FL. E LTG.	20	1		1000	1260	1	20	RECTP.	8
9	EXT. LTG.	20	1	255	900	1	20	RECTP.	10
11	TOWER LTG.	20	1		400	1000	1	20	REFRG.	12
13	RECTP.	20	1	1680	900	1	20	RECTP.	14
15	RECTP.	20	1		360	720	1	20	RECTP.	16
17	RECTP.	20	1	360	720	1	20	RECTP.	18
19	RECTP.	20	1		900	900	1	20	RECTP.	20
21	RECTP.	20	1	1020	720	1	20	RECTP.	22
23	RECTP.	20	1		900	1080	1	20	RECTP.	24
25	RECTP.	20	1	900	900	1	20	RECTP.	26
27	RECTP.	20	1		900	1000	1	20	ELV. SMP PMP	28
29,31	HT. TAPE N EVE	20	2	1200	1500	2	20	HT TAPE SW	30,32
29,31	HT. TAPE N EVE	20	2		1200	1500	2	20	HT TAPE SW	30,32
33,35	HT. TAPE N DS	20	2	1200	1250	2	20	HT TAPE S1	34,36
33,35	HT. TAPE N DS	20	2		1200	1250	2	20	HT TAPE S1	34,36
37,39	HT TAPE S2	20	2	1500	16800	2	200	ELEV.	38,40
37,39	HT TAPE S2	20	2		1500	16800	2	200	ELEV.	38,40
41	H20 HTR.	20	1	1200	1200	1	20	BB & MF	42
				CONNECTED LOAD PHASE TOTALS (VA)					
				38095	36130				

	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
Elevators	33.6	1.00	33.6
Equipment	13.3	1.00	13.3
Lighting	5.3	1.25	6.6
Motors	0.2	1.00	0.2
Motors (Largest)	0.1	1.25	0.1
Receptacles (0 - 10 KVA)	10.0	1.00	10.0
Receptacles (Over 10 KVA)	11.7	0.50	5.8
TOTAL:	74.2		69.7
LOAD (AMPS):	309.3		290.6

DEMAND LOAD	69.7 KVA
SPARE CAPACITY	7.1 KVA
SPARE CAPACITY	29.4 AMPS
SPARE CAPACITY	9 %

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VTSV ADMINISTRATION BUILDING

DESIGN DEVELOPMENT

1346 NM 150, VILLAGE OF TAOS SKI VALLEY, NM 87525

PROJ. NO: 2018-600

ISSUE DATE: 10/18/18

ISSUED FOR: CONSTRUCTION

REVISIONS: NO	DATE	DESCRIPTION

DRAFTED BY:

APPROVED BY:

SCALE: As indicated

ELECTRICAL DETAILS AND SCHEDULES

E002