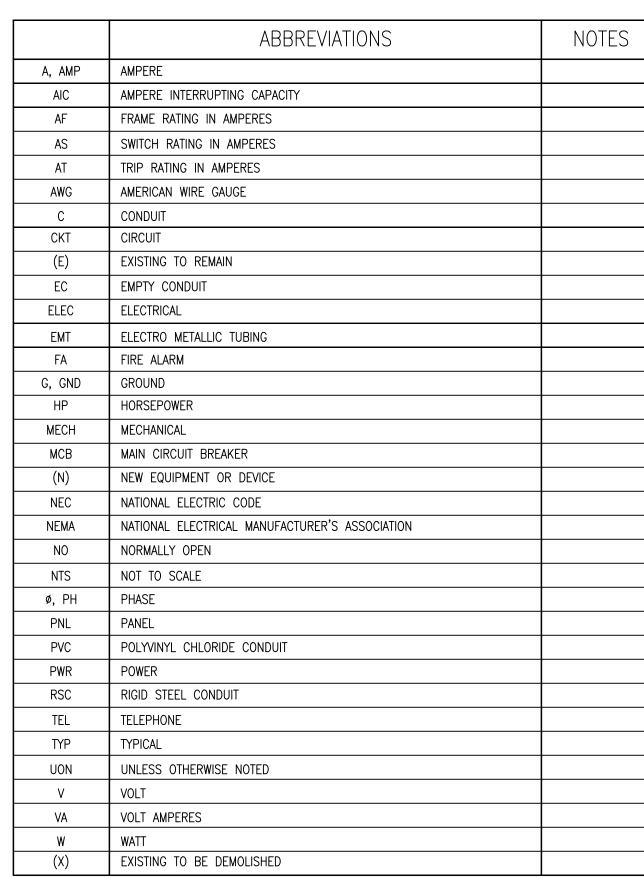


EXTERIOR EQUIPMENT MOUNTING DETAIL



SYMBOLS	WIRING DEVICE SYMBOLS									
•	20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE									
⊭	SURFACE 20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE									
•	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE									
₩	SURFACE 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNO									
=	SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS									
⊨Ф	SURFACE SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS									
•	20A, 125V, DEDICATED DUPLEX RECEPTACLE OUTLET +18" UON									
€ GFI	DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER									
Φ	CEILING MOUNTED 20A, 125V, DUPLEX RECEPTACLE OUTLET	F								
•	CEILING MOUNTED 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET									
	FLOOR MOUNTED DUPLEX CONVENIENCE/TELECOM OUTLET WITH BLANK STAINLESS STEEL COVER. COORDINATE TYPE AND FINISH WITH ARCHITECT.									
\$	SPST WALL SWITCH, LETTERS INDICATE THE NUMBER OF SWITCHES AND OUTLETS THEY CONTROL									
\$ D	DIMMER SWITCH	L								

SOS OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED

4

NEW CAR CHARGING STATIONS

GENERAL NOTES

- 1. ALL WORK SHOWN IS NEW, UNLESS NOTED OTHERWISE.
- 2. ALL WORK TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, 2020 EDITION.
- 3. SEAL ALL CONDUIT PENETRATIONS OF FLOORS AND FIRE RATED ASSEMBLIES TO MAINTAIN FIRE RATING.
- 4. PROVIDE NEW TYPEWRITTEN DIRECTORIES REFLECTING WORK PERFORMED FOR ALL NEW PANELBOARDS IN THIS PROJECT.
- 5. PLANS ARE PREPARED WITH REQUIRED BRANCH CIRCUITS INDICATED BY CIRCUIT NUMBERS. PROVIDE AND INSTALL ALL CONDUITS, CONDUCTORS, BOXES, MISCELLANEOUS FITTINGS, ETC. FOR A COMPLETE AND OPERABLE SYSTEM (HOMERUN SHOWN). BRANCH CIRCUIT INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND N.E.C.
- 6. ALL NEUTRAL CONDUCTORS ON POWER BRANCH CIRCUITING ROUNDHOUSES TO BE #10 AWG UNLESS NOTED OTHERWISE.

SHEET LIST

E-0.1 SYMBOL LIST AND SINGLE LINE DIAGRAM

E-1.0 EXISTING PHOTOMETRIC PLAN

E-1.1 NEW PHOTOMETRIC PLAN E-2.0 ELECTRICAL POWER PLAN

E-3.0 SPECIFICATIONS

1169 Hilltop Parkway, Suite 204 PO Box 770152 Steamboat Springs, CO 80477

ENGINEERING

SKI TIME

PUBLIC

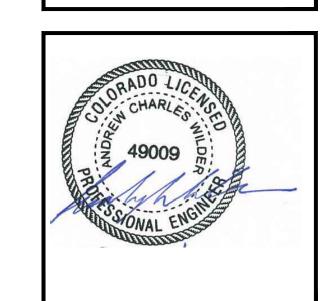
BASELINE

SQUARE DRIVE

TURNAROUND



WILDER ENGINEERING LLC Andrew Wilder PE 1170 Blue Sage Drive Steamboat Springs, CO 80487 P: 970-819-7848 E: andy@wilder-eng.com



Issue	By Date & Issue Description	Ву
_	PROGRESS SET - 1.6.23	AW
_	100% DESIGN - 1.16.23	AW
_	BID DOCUMENTS - 2.8.23	AW
Λ	REVISION #1 - 2.9.24	AW
2	EV REVISION - 7.11.24	AW

24X30
Description: SYMBOLS, ONE LINE
Project Name: SKI TIME SQ TURNAROUND

Project Number: 2022009

Scale: NTS

REVIEWED

FOR

Sheet No. E-0.1

MOUN	NTING	SURI	FACE		P	A	N	E	L		A	١			50,0	000	A.I.C.	SY
240	[/] 120	VOLTS	1 PHASE	3	WIF				M	AIN		ML	_O_				BUS	600
VC	OLT AM	PS		R	L	P	В	C		С		P O		R		V	OLT AM	PS
Ø A	Ø B	ØС	DESCRIPTION	E C	T G	L E	K R	I R		I R	K R	L E	T G	E C	DESCRIPTION	Ø A	Ø B	Ø
			SPACE					1	A	2	100	2			EV CAR CHRGR	9600		
			SPACE					3	В	4	-	ı			-		9600	
9600			EV CAR CHRGR			2	100	5	A	6	100	2			EV CAR CHRGR	9600		
	9600					-	-	7	В	8	-				ī		9600	
9600			EV CAR CHRGR			2	100	9	A	10	100	2			EV CAR CHRGR	9600		
	9600		-			-	-	11	В	12	-	-			-		9600	
			SPACE					13	A	14					SPACE			
			SPACE					15	В	16					SPACE			
			SPACE					17	A	18					SPACE			
			SPACE					19	В	20					SPACE			
			SPACE					21	A	22					SPACE			
			SPACE					23	В	24					SPACE			
			SPACE					25	A	26					SPACE			
			SPACE					27	В	28					SPACE			
			SPACE					29	A	30					SPACE			
			SPACE					31	В	32					SPACE			
			SPACE					33	A	34					SPACE			
			SPACE					35	В	36					SPACE			
			SPACE					37	A	38					SPACE			
			SPACE					39	В	40					SPACE			
			SPACE					41	A	42					SPACE			
19200	19200			•		•	•	V	A/LIN	IE			•			28800	28800	
Ø A=	48000						ØB=	48	000							Ø C=		
CO	NTINU	OUS LOA												JS LO	DADS			
	v1 25=					kVA			X						OTHER	96000	v1 00	96
	. XI.ZJ		RECEPTA			DER			_ x().50=			-		OTHER		A1.00	30
		×	TOTAL DESIGN k											PS=	400			

	600A	/ PNL- (SPACE
		$\frac{1}{10000}$ $\frac{A}{10000}$ $\frac{A}{10000}$ $\frac{A}{10000}$ $\frac{A}{10000}$ $\frac{A}{10000}$		SPACE
		600A		SPACE
				SPACE
				SPACE
	KW KWH			SPACE
1				SPACE
				SPACE
T				SPACE
			19200 19200	
	3/4"C - #3/0 AWG GROUNDING		Ø A= 48000	
	3/4"C - #3/0 AWG GROUNDING		CONTINUOUS LOADS	s
			x1.25=	RECEPT
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ТО	TAL DESIGN
\		2"C - 4#1 AWG & 2#8 GND	-	,
7 (720 7 (775) 100)				
2x(3"C - 3#350 MCM)		\1-1/4"C - 2#1 AWG & #8 GND		
			O DANIEL COLLED	=0
			PANEL SCHED	ULES
			NTS	

 \sim 2x(3"C - 3#350 MCM & #1 GND)

RISER NOTES

MINIMUM OF 30".

____ 3"EC <1>

- SCHEDULE 80 PVC FOR VERTICAL CONDUIT.

SCHEDULE 40 PVC FOR BEND AND HORIZONTAL CONDUIT. CONDUIT TO BE IN TRENCH AT A

PAD MOUNTED UTILITY TRANSFORMER

- PROVIDE EMPTY CONDUIT AS NOTED STUBBED INTO TRANSFORMER VAULT AND RUN UNDER THE STREET TO A CHRISTY BOX LOCATED ON NORTH SIDE OF STREET FOR POTENTIAL FUTURE TRANSFORMER.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONNECTION TO YVEA PAD MOUNTED TRANSFORMER. COORDINATE CONNECTION SCHEDULE WITH UTILITY COMPANY DURING CONSTRUCTION.
- BOND NEUTRAL TO GROUND BUS AND THEN TO (2) GROUND RODS, AT LEAST 6' APART, AND INCOMING COLD WATER PIPE. PROVIDE GROUND RODS AT 3/4" X 8' (COPPER CLAD STEEL).
- VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER.

DIAGRAM NOTES

CT CABINET

- 1. ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.
- 2. ALL WIRING SHOWN IS SIZED FOR COPPER CONDUCTORS, UON

SERVICE DISCONNECT

240/120V, 600-AMP,

1PH, 3W, 50K AIC

3. SEE DETAIL #3 FOR EQUIPMENT MOUNTING DETAIL.

CODE COMPLIANCE 07/30/2024