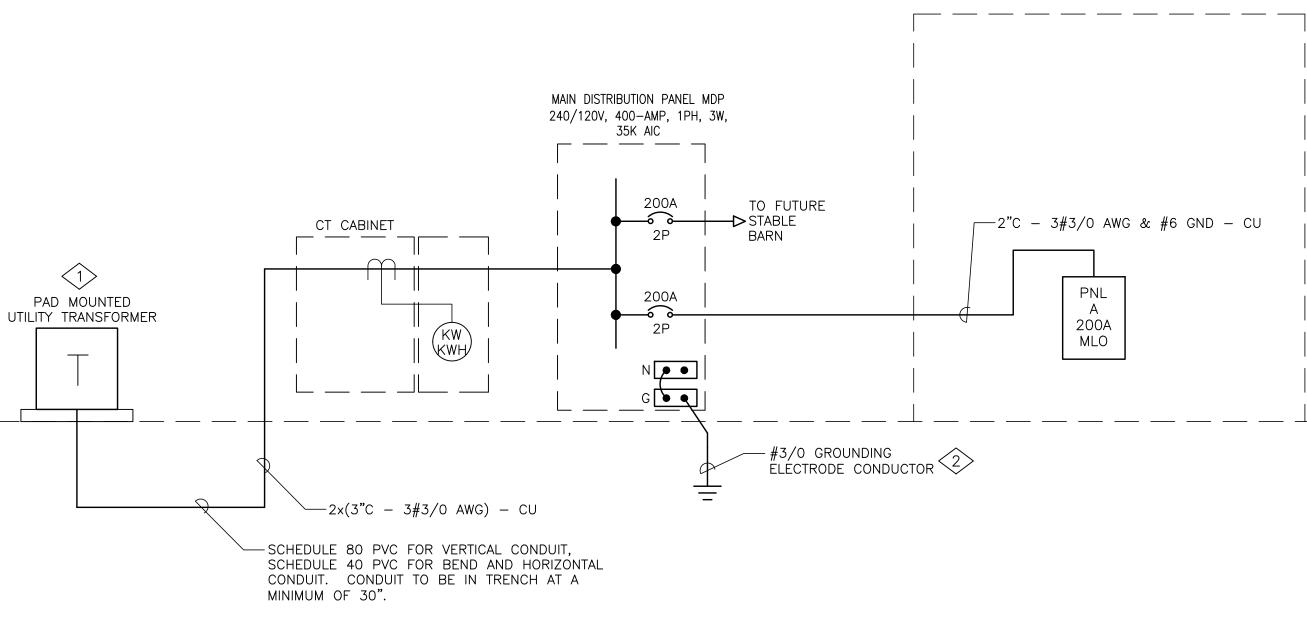


2. BRING ANY DISCOVERED CODE VIOLATIONS TO THE OWNER'S ATTENTION. 3. ALL WIRING SHOWN IS SIZED FOR COPPER CONDUCTORS, UON

DIAGRAM NOTES



<u>RISER NOTES</u>

1. ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.

1 ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONNECTION TO YVEA

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).

ELECTRIC LOAD SUMMARY		Client Name: Snake River Construction	
Load Tab		Project Name: McFarlane Arena	
		Address: 54880 CR 129, Clark, CO	
		Project No: 2021104	
	L	Date: December 16, 2021	
Equipment			
525-watt High Bay Light Fixtures	18.90	36 fixtures	
4000-watt Circulation Fans	12.00	3 fans	
Convenience Receptacles	4.32	4 circuits	
Exterior, Landscape and Stall Lighting	4.00	4 circuits	
Heated Water Feeders	2.40	4 units	
Heat Tape	2.40	2 circuits	
Gas Boiler	0.50		
Future 200-amp panel for stable barn	38.40	Estimated	
Miscellaneous (10%)	8.29		
Total KVA	91.21		
Total Amperes @120/240V	380.05		

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.

	ABBREVIATIONS	NOTES
A, AMP	AMPERE	
AC	ABOVE COUNTER TOP	
AIC	AMPERE INTERRUPTING CAPACITY	
AFF	ABOVE FINISHED FLOOR	
AF	FRAME RATING IN AMPERES	
AS	SWITCH RATING IN AMPERES	
AT	TRIP RATING IN AMPERES	
AWG	AMERICAN WIRE GAUGE	
С	CONDUIT	
CL	CENTERLINE	
СКТ	CIRCUIT	
CLG	CEILING	
DIST	DISTRIBUTION	
(E)	EXISTING TO REMAIN	
EC	EMPTY CONDUIT	
ELEC	ELECTRICAL	
EM	EMERGENCY	
EMT	ELECTRO METALLIC TUBING	
EWC	ELECTRIC WATER COOLER	
EWH	ELECTRIC WATER HEATER	
FA	FIRE ALARM	
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	
G, GND	GROUND	
HP	HORSEPOWER	
MECH	MECHANICAL	
MCB	MAIN CIRCUIT BREAKER	
NC	NORMALLY CLOSED	
NEC	NATIONAL ELECTRIC CODE	
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	
NO	NORMALLY OPEN	
NTS	NOT TO SCALE	
PB	PULL BOX	
Ø, PH	PHASE	
PNL	PANEL	
PVC	POLYVINYL CHLORIDE CONDUIT	
PWR	POWER	
RSC	RIGID STEEL CONDUIT	
TEL	TELEPHONE	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	
V	VOLT	
VA	VOLT AMPERES	
W	WATT	
WP	WEATHERPROOF	
XFMR	TRANSFORMER	

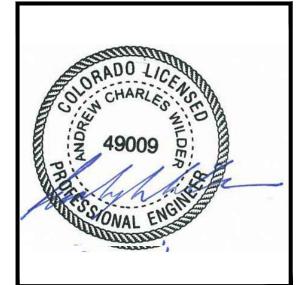


54880 CR 129 Clark, CO 80428

SNAKE RIVER CONSTRUCTION PO Box 1050 Clark, CO 80428



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



lssue	By Date & Issue Description				
_	ISSUE	FOR	PERMIT	12.16.21	AW

Scale:	

24x36 NTS SYMBOLS, SCHEDULESDescription:AND ONE LINE DIAGRAMS

Project Name: MCFARLANE ARENA

Project Number: 2021104

REVIEWED FOR CODE COMPLIANCE 01/27/2022

E-1

Sheet No.