Revised 1/7/2020

Powell OHIO

P&Z Commission
12.09.2020 Meeting
Exhibit A

PLANNING AND ZONING COMMISSION (P&Z)
CERTIFICATE OF APPROPRIATENESS APPLICATION

ALL ITEMS ON THIS APPLICATION MUST BE COMPLETED.

Application Fee: $240.00
Per Fee Ordinance 2019-49

Applicant: Huli Huli
Address/City/State/Zip: 26 W. Olentangy St. Powell OH 43065
Email Address: dustin@espresso22.com
Phone No: _____ Cell Phone No: 614-772-6064 Fax No: _____
Property Owner: Dustin Sun
Address/City/State/Zip: 26 W. Olentangy St Powell oh 43065
Email Address: _____
Phone No: _____ Cell Phone No: 614-772-6064 Fax No: _____
Architect/Designer for Applicant: Paul Butler
Address/City/State/Zip: 8675 Memorial Drive
Email Address: gregb@ccsconstructionllc.com
Phone No: _____ Cell Phone No: 614-537-8354 Fax No: _____
Property Address: 26 W. Olentangy St Powell ohio 43065
Lot Number/Subdivision: _____ Existing Use: _____ Proposed Use: _____

Proposed type of Environmental Change:

Checklist:

☐ Attach **5 copies** of plot plan as well as any other drawings or written material that will help the Administration and Commission understand the nature of the proposal.

☐ **1 digital copy** (CD, USB, Email) of the complete application packet.

☐ Attach the required fee - $240.00

☐ Post a public notice sign at least (10) days prior to a public hearing or public meeting, pursuant to ordinance 11107.035 Public notice sign details found here.

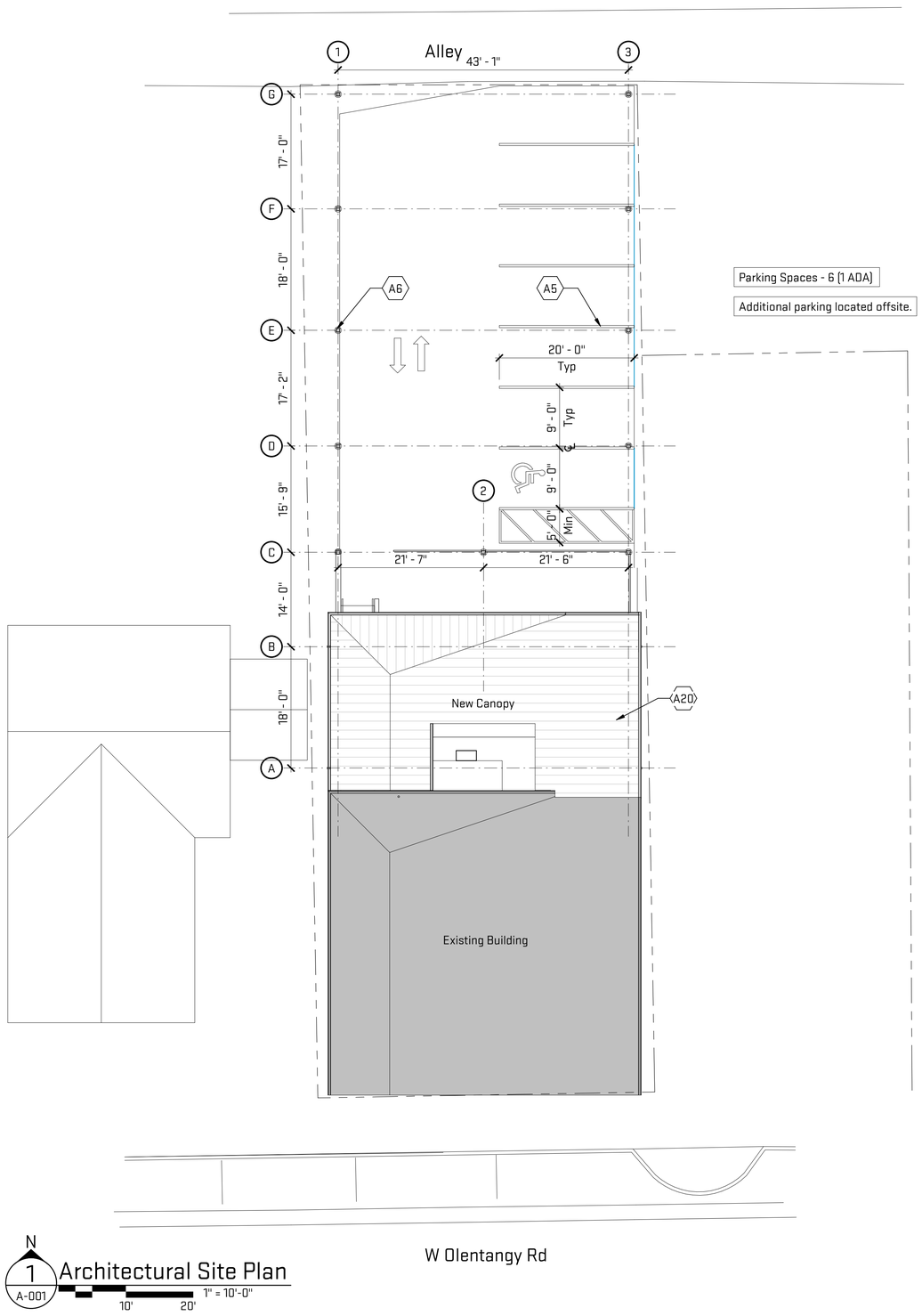
(See Over)

I agree to grant the City Staff, the Commission, Board or Council considering this application access to the property that is the subject of this application for the purposes of reviewing this application and posting public notice for this application.

Signature of Applicant: _____ Date: 11-22-20

Office Use	Office Use
	Type/Date: CR 1513 11/23/20
	Base Fee: $240.00
	Prepared by: AV
	Reviewed by: AV
Received	PAYOR: Dustin Sun
	RECIEPT # 8321

City of Powell · 47 Hall Street · Powell, Ohio 43065 · (614) 885-5380 · (614) 885-5339 fax· www.cityofpowell.us



General Sheet Notes:

A. All paving on accessible route shall have a maximum slope of 1:20 in direction of travel with a maimum cross-slope of 1:50.
B. Maximum slope of all accessible parking spaces and access aisles shall be 1:50 in any direction.
C. All accessible route and parking elements shall be designed and constructed in accordance with 2010 ADA Standards for Accessible Design and Chapter 11 of the Ohio Building Code (ICC/ANSI A117.1 2009).
D. Fire lane requirements to be coordinated with local jurisdiction Fire Chief and identifed in final parking layout and striping.
E. All parking space layouts to conform to minimum sizing standards per local Zoning Ordinance.
F. All dimensions shown for parking layout are measured to face of curb or centerline of striping.
G. Contractor to review site conditions, including slopes and elevations, prior to construction. Coordinate any discrepancies with Architect.
H. All slopes indicated show arrow pointing in the down slope direction.
I. All lighting on this site shall be shielded & not encroach upon abuttins properties or right-of-ways. Site lighting poles shall not be higher than 20 feet. All glare shall be eliminated from all light fixtures. Upward directed lighting shall not be permitted.
J. All landscape areas shall be automatically irrigated.
K. External lighting is for indication only, reference electrical drawings for actual locations & types of lighting.
L. Provide control joints in new concrete paving at 5'-0" on center, maximum 3/8" joint width.
M. Patch or fill all joints along accessible route that are greater than 1/2" in width to be flush with paving.
N. Areas of existing concrete to be repaired as needed.

Sheet Keynotes

A5 New parking striping.
A6 New 6x6 post, length to be 9'-0" above grade with festoon lighting between each post. Columns to be wrapped with board fence. Refer to structural for typical footing.
A20 Gray / silver standing seam metal roof on 3/4" plywood sheathing.

Project Info & Zoning Information

PROJECT SCOPE	
Location	Powell, OH
Parcel #	319-425-16-009-000
Parcel Description	Retail
Address	26 W Olentangy St, Powell, OH 43065
Lot Acreage	0.17 acres

ZONING ORDINANCES	
Zoning District	Downtown Business District
Min. Lot Area	--
Min. Lot Width	--
Setbacks (RLS)	FY 20', SY 10', RY 50'
Minimum Front	20' min | 25' max
Minimum side (each)	5'
Rear	5'
Max. Height	35'
Maximum Lot Coverage	20%
Proposed New Work Area	--
Percentage of Lot Area	--

Scales listed are for 22x34 drawing size

OX STUDIO INC.
architecture | construction | objects
P: (734) 929-9000 | F: (734) 929-9001 | www.oxstudioinc.com

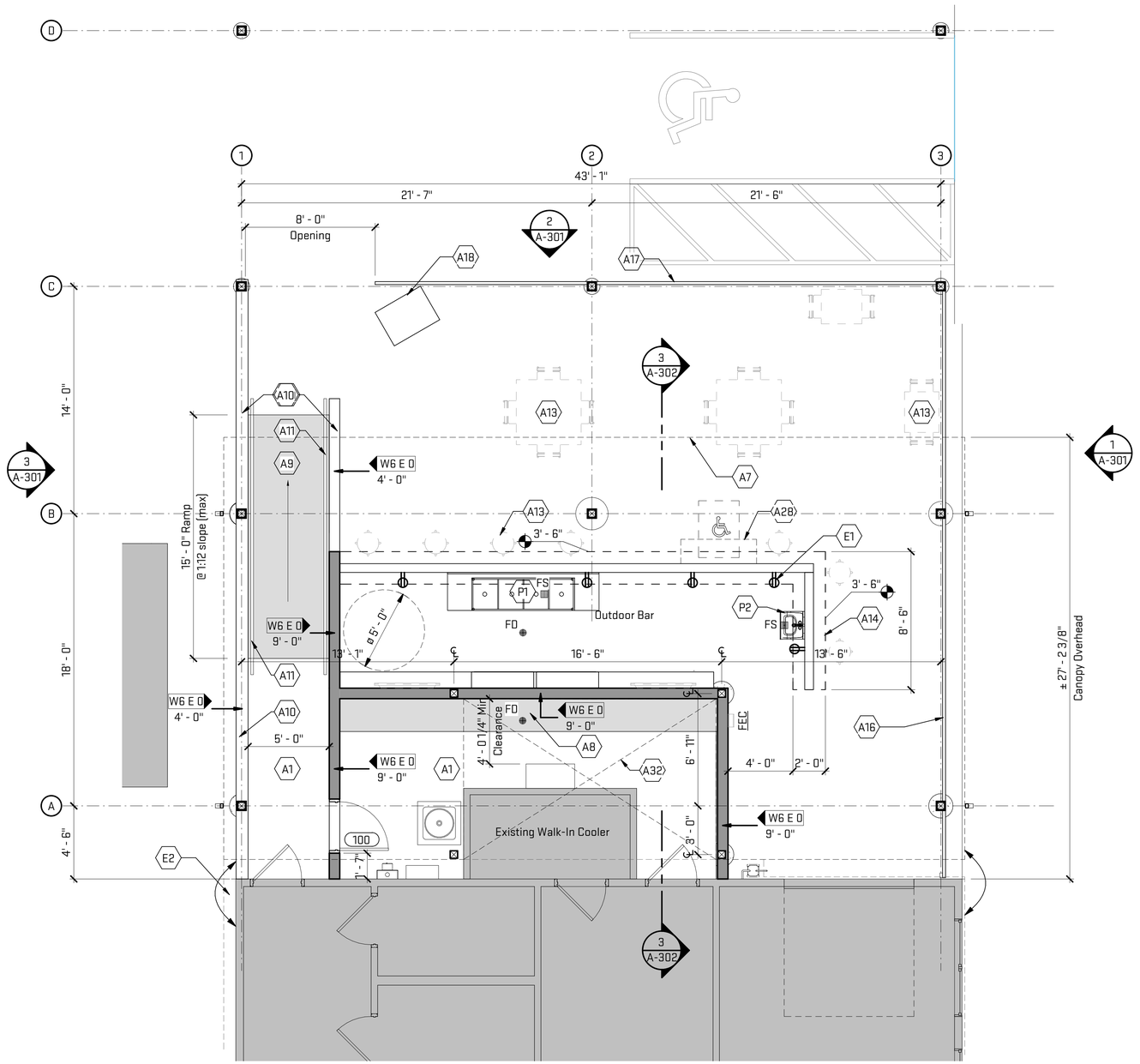
Job Title:
Huli Huli Restaurant - Canopy
26 W Olentangy St, Powell OH 43065

Sheet Title:
Architectural Site Plan

Released For: Owner Review

02/01/2021 Dwg Date
CCS - HHL20 Project #
A-001 Drawing #

Plot Date/Time: 2/1/2021 3:15:03 PM File Path: C:\Revit Local Files\HHL20_bill_kwas.rvt



N

1 A-101 Outdoor Patio Floor Plan

1/4" = 1'-0"

2' 4' 8'

General Sheet Notes:

A. All dimensions to be verified in field prior to construction. Notify architect of all discrepancies prior to starting work.
B. All elevations are above Grade level.
C. All dimensions on plans are to face of finish face or column centerlines, U.N.O.
D. Masonry dimensions are nominal, U.N.O.
E. Provide solid blocking/backing in-wall cavities at all wall mounted equipment as indicated by project equipment list and per manufacturers detailed instructions.

Sheet Keynotes

A1 Existing patio to remain.
A7 Line of canopy overhead.
A8 Extend concrete patio, refer to structural drawings.
A9 New poured concrete ramp, refer to structural drawings.
A10 New partial height wall.
A11 New wall mounted handrail.
A13 Furniture by owner.
A14 New concrete counter bar with bamboo panel front.
A16 Fiber cement board, ship lap.
A17 New "Good Neighbor" fence.
A18 Host stand by owner.
A28 Folding ADA ledge at bar.
A32 Open roof above.
E1 Receptacle, coordinate location with owner.
E2 Existing electrical weatherhead to be extended.
P1 Four compartment sink, coordinate location with owner.
P2 Hand sink, coordinate location with owner.

Scales listed are for 22x34 drawing size

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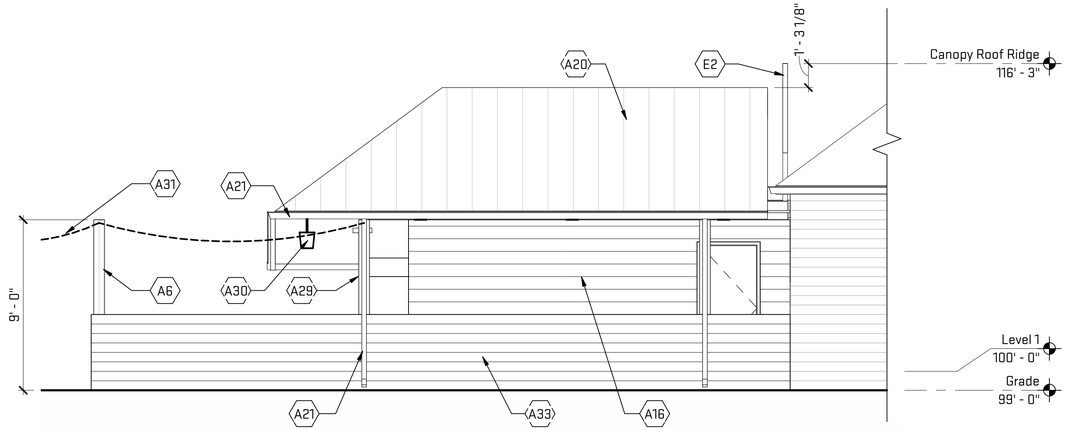
Job Title:
Huli Huli Restaurant - Canopy
26 W Olentangy St, Powell OH 43065

Sheet Title:
Outdoor Patio Floor Plan

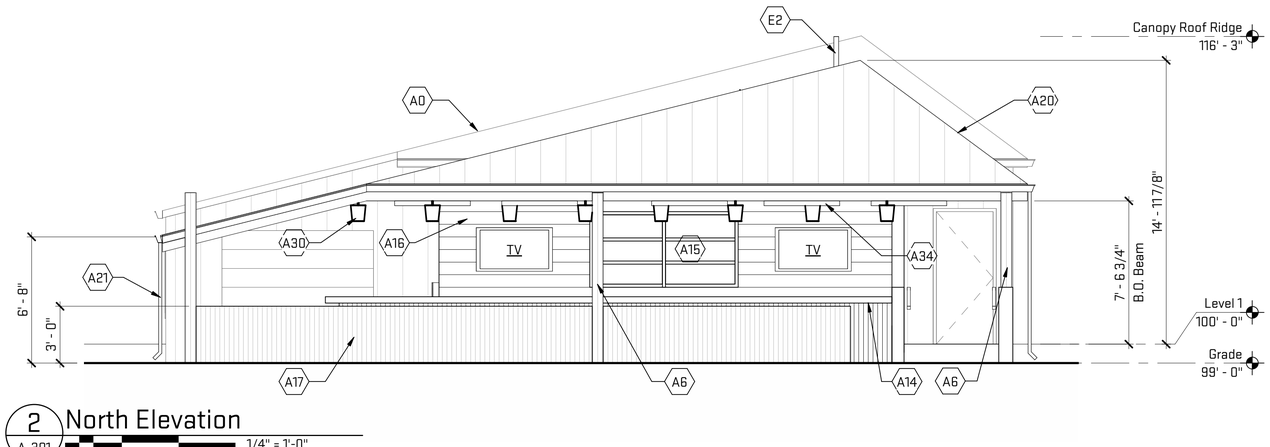
Released For: Owner Review

02/01/2021 Dwg Date
CCS - HHL20 Project #
A-101 Drawing #

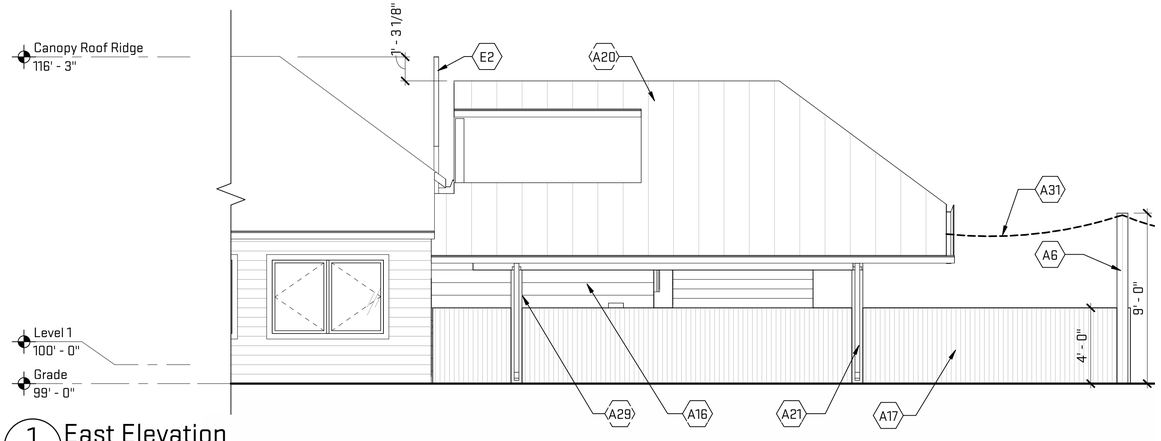
Plot Date/Time: 2/1/2021 3:17:06 PM File Path: C:\Revit Local Files\HHL2D_bill_kwas.rvt



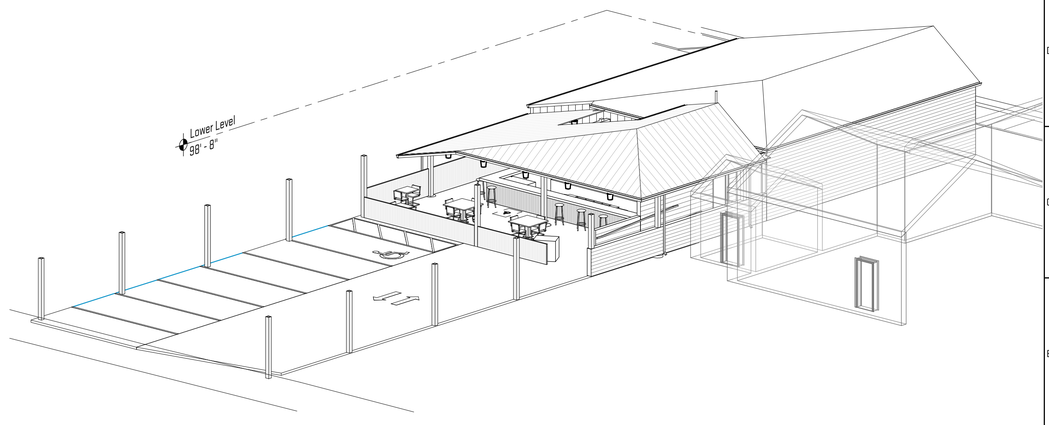
3 West Elevation
A-301
1/4" = 1'-0"
2' 4' 8'



2 North Elevation
A-301
1/4" = 1'-0"
3' 6' 9'



1 East Elevation
A-301
1/4" = 1'-0"
2' 4' 8'



4 Rear ISO
A-301

General Sheet Notes:

A. None.

Sheet Keynotes

A0	Existing building.
A6	New 6x6 post, length to be 9'-0" above grade with festoon lighting between each post. Columns to be wrapped with board fence. Refer to structural for typical footing.
A14	New concrete counter bar with bamboo panel front.
A15	New built-in liquor shelf and lighting.
A16	Fiber cement board, ship lap.
A17	New "Good Neighbor" fence.
A20	Gray / silver standing seam metal roof on 3/4" plywood sheathing.
A21	Gutter and downspouts to match existing.
A29	New 6x6 post. Columns to be wrapped with 'Good Neighbor' fence. Refer to structural for typical footing.
A30	Pendant light fixture.
A31	Festoon lighting strung between posts.
A33	Fiber cement board to match existing.
A34	Radiant heat mounted in ceiling structure.
E2	Existing electrical weatherhead to be extended.

Scales listed are for 22x34 drawing size

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Job Title:
Huli Huli Restaurant - Canopy

26 W Olentangy St, Powell OH 43065

Sheet Title:
Exterior Elevations

Released For: Owner Review

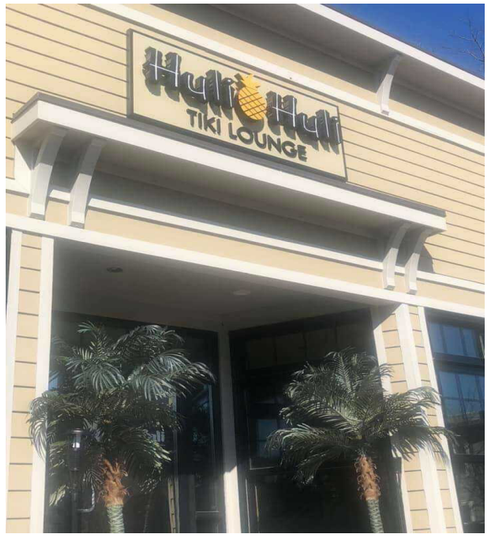
02/01/2021 Dwg Date

CCS - HHL20 Project #

A-301 Drawing #

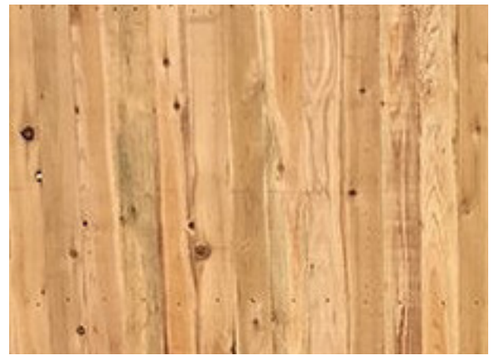
Plot Date/Time: 2/1/2021 3:15:07 PM File Path: C:\Revit Local Files\HHL20_bill.kwas.rvt

Bar Shelving and Drink Well



Exterior Building Colors

Fiber Cement Board to Match

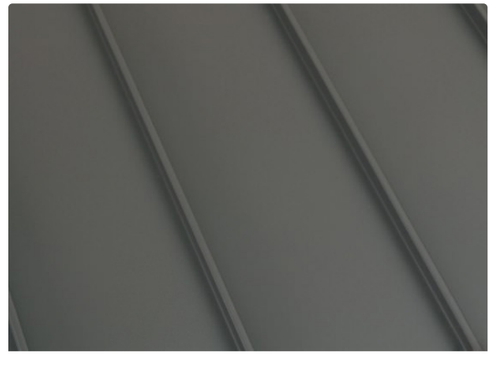


Cedar Tone Boards

Festoon Lighting

Bamboo Bar

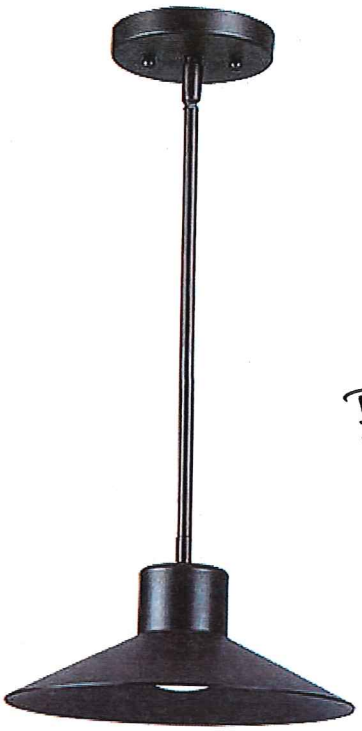
Concrete



Standing Seam Metal Panel

Civic | 54367FTABZ

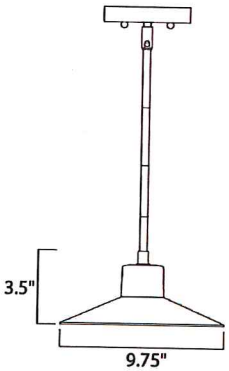
Job Name:_____ Job Type:_____ Quantity:_____ Comments:_____



A-30
PENDANT LIGHT
EXAMPLE

PRODUCT DESCRIPTION

Conical shades finished in Architectural Bronze appear to be suspended by its stainless steel cable. Concealed inside these shades is a high powered COB LED which shines into a heavy Clear glass font. The bottom of theses fonts have an additional thickness of glass for better light distribution and lighting effect.



MEASUREMENTS

DIMENSION	: 9.75" L x 9.75" W x 3.5" H
MAX OAH	: 48.75" OAH
HANGING WEIGHT	: 4.24 lb

LAMPING

INPUT VOLTAGE	: 120V
LUMENS	: 900 Rated
BULB	: 1 x 11W LED PCB Integrated , 11W Total
BULB INCLUDED	: (Integrated)
DIMMABLE	: No
CRI	: 90+ CRI
COLOR_TEMP	: 3000K

FINISHES OPTION

Architectural Bronze

GLASS

Frosted FT

MATERIAL

Steel, Glass

RATINGS

cETLus
Damp Location
For Outdoor DARKSKY

ADDITIONAL

SLOPE: 120
RATED LIFE 40000 Hours
OPERATING TEMPERATURE:
-20°C (-4°F), 40°C (104°F)

Always consult a qualified electrician before installing any lighting product.

MAXIM® LIGHTING

WESTERN DISTRIBUTION CENTER (HEADQUARTER)
253 NORTH VINELAND AVE I CITY OF INDUSTRY, CA 91746

EASTERN DISTRIBUTION CENTER
4200 SHIRLEY DR. I ATLANTA, GA 30336

P. 626.956.4200 I F. 626.956.4225 I maximlighting.com

Radiant Heat Example

SunStar®
INFRARED GAS HEATERS

THE ECONOMICAL ALTERNATIVE FOR HARD-TO-HEAT SPACES

- Manufacturing Plants
- Warehouses
- Auto Dealerships
- Aircraft Hangars
- Loading Docks
- Weld Shops
- Car Washes
- Fire Stations
- Greenhouses
- Gymnasiums
- Garages
- Machine Shops
- Tennis Courts
- Swimming Pools
- Maintenance Shops
- Farm Buildings
- Truck Service Areas
- Auto Body Shops

A Complete Family of Products

SunStar offers a complete line of infrared heating products including tube heaters, ceramic heaters and construction heaters. All SunStar heaters are available for use on either natural gas or propane. Included in the SunStar product line are both positive and negative pressure tube heaters with sizes from 40,000 -200,000 BTU/hr. Also included is the SunStar "Eclipse" series of compact (9' 2" overall length) tube heaters that are certified for residential garage applications and range in size from 25,000-45,000 BTU/Hr. Additional products include both direct spark ignition and millivolt control high intensity ceramic infrared heaters with sizes that range from 26,000-155,000 BTU/Hr, and for temporary heat SunStar offers the robust, 100,000 BTU/Hr manually or thermostatically controlled RCH series construction heaters.

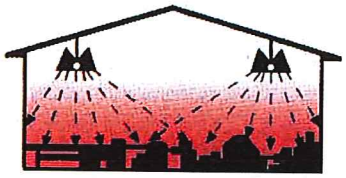
Heat Like the Sun

All SunStar infrared heaters heat like the sun by transferring radiant heat energy directly into the area to be heated. This radiant heat energy is then absorbed by concrete floors, objects and people and is then re-radiated to warm the surrounding area. This creates a warm comfort zone at floor level, not at the ceiling. This principle is similar to the sun's radiant heat energy heating the Earth but not the upper atmosphere.

Competitive Heaters Are Blowing Hot Air

In conventional forced air convection heating systems, hot air rises to the ceiling and must stratify downward to achieve a comfortable work environment. Then a door opens and heat is lost. With infrared heat, it's the radiant heat energy itself that heats from the floor up, satisfying the work area first. Now when doors open and close, most of the heat energy remains, allowing for a quicker recovery period and a more efficient and effective heating system.

CONVECTION HEAT
Forced air convection heat works from the top down, heating the air first and stratifying from the ceiling downward. More heat is wasted in the upper area the building.



INFRARED HEAT
Infrared heat works from the bottom up, warming people, floors, objects and machines first. Comfortable heat is retained in the lower working areas of your building.

Lower Your Fuel Bills

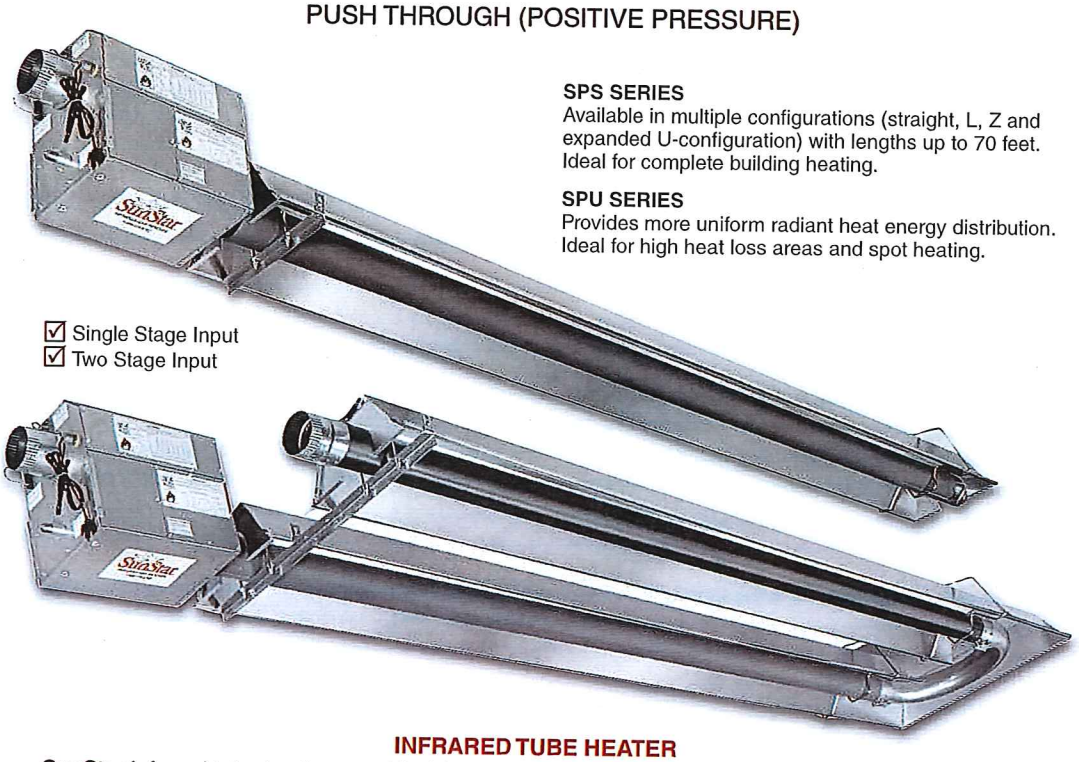
Gas infrared heat provides both warmth and comfort. In many applications building owners experience fuel savings of between 30% to 50% when compared to forced air convection heating systems, and reported fuel savings have been as high as 70% in very large buildings. With SunStar products, investment payback accrues not only from reduced energy costs, but from the reduced maintenance costs too.

SunStar infrared heaters offer real comfort, versatility and unbeatable value, so choose comfort and choose SunStar.

SunStar
INFRARED GAS HEATERS

SPS & SPU Series

PUSH THROUGH (POSITIVE PRESSURE)



SPS SERIES
Available in multiple configurations (straight, L, Z and expanded U-configuration) with lengths up to 70 feet. Ideal for complete building heating.

SPU SERIES
Provides more uniform radiant heat energy distribution. Ideal for high heat loss areas and spot heating.

☑ Single Stage Input
☑ Two Stage Input

INFRARED TUBE HEATER

SunStar infrared tube heaters are ideal for complete building heat or spot heating needs. The best applications are those where doors open and close frequently and in buildings where ceiling heights are above ten feet. The flexible SunStar infrared heating system can be designed to meet most commercial or industrial heating need.

MODELS	SINGLE STAGE BTU/HR INPUT	TWO STAGE BTU/HR HIGH INPUT	TWO STAGE BTU/HR LOW INPUT	TOTAL EMITTER TUBE LENGTH 10'	20'	30'	40'	50'	60'	70'	MIN. MOUNTING HEIGHT AT HORIZONTAL
SPS/U 40	40,000	40,000	25,000	●	●						10 FT
SPS/U 50	50,000	50,000	30,000		●	●	●				11 FT
SPS/U 75	75,000	75,000	50,000		●	●	●				13 FT
SPS/U 100	100,000	100,000	65,000			●	●				14 FT
SPS/U 125	125,000	125,000	80,000			●	●	●	●		14 FT
SPS/U 150	150,000	150,000	100,000				●	●	●		15 FT
SPS/U 175	175,000	175,000	110,000					●	●	●	16 FT
SPS/U 200	200,000	200,000	125,000					●	●	●	18 FT

CONTROL SUFFIX	GAS TYPE	CONTROL OPTION DESCRIPTION	VOLTAGE	AMPS	IGNITION TYPE	FLUE CONN.	FRESH AIR CONN.
N5 / L5	NAT / LP	SINGLE STAGE GAS VALVE SINGLE STAGE INPUT	120 VAC 60 HZ	1.8	DIRECT SPARK	4" ROUND	4" ROUND
N7 / L7	NAT / LP	TWO STAGE GAS VALVE TWO STAGE INPUT - HIGH/LOW FIRE					

- 7 different BTU sizes and more than 60 different configurations to custom design your infrared heating system
- Products of combustion are pushed through the combustion chamber
- Single stage or two stage input controls
- Optional decorative grille, elbow and corner reflectors
- Sidewall or through the roof venting
- Vented or indirect vented operation
- Tube Integrity Safety System (TISS)
- Blower motor totally enclosed in the burner box. Ideal for applications where minimal noise (less than 50 dB) is desired.
- Pre-purge and Post purge functions
- Heavy duty cast iron burner

NOT FOR RESIDENTIAL USE

- Reliable direct spark ignition system and 100% gas shut-off safety control
- Step-opening redundant combination gas valve for quiet ignition and added safety
- Up to 25 ft. outside combustion air capability
- Diagnostic Monitoring Light System
- Line voltage or 24V thermostat connection
- 4" O.D. heat treated aluminized steel or alumitherm steel combustion chamber (10' length)
- Standard highly emissive radiant tubes (10' lengths)
- Optional heat treated aluminized steel radiant tubes (Tough Guy Option)
- 5 year limited warranty on all tubes
- Up to 25 ft sidewall vent capability
- Highly efficient aluminum reflectors

Clearances To Combustibles

Infrared Heater installations require that minimum clearances shall be maintained from combustible materials at all times. The clearances below the heater can vary from 40" to 132" based on the model and the type of heater selected.

Please visit www.sunstarheaters.com for the individual product specification sheets and/or Installation & Operating Instructions for the specific clearances information.

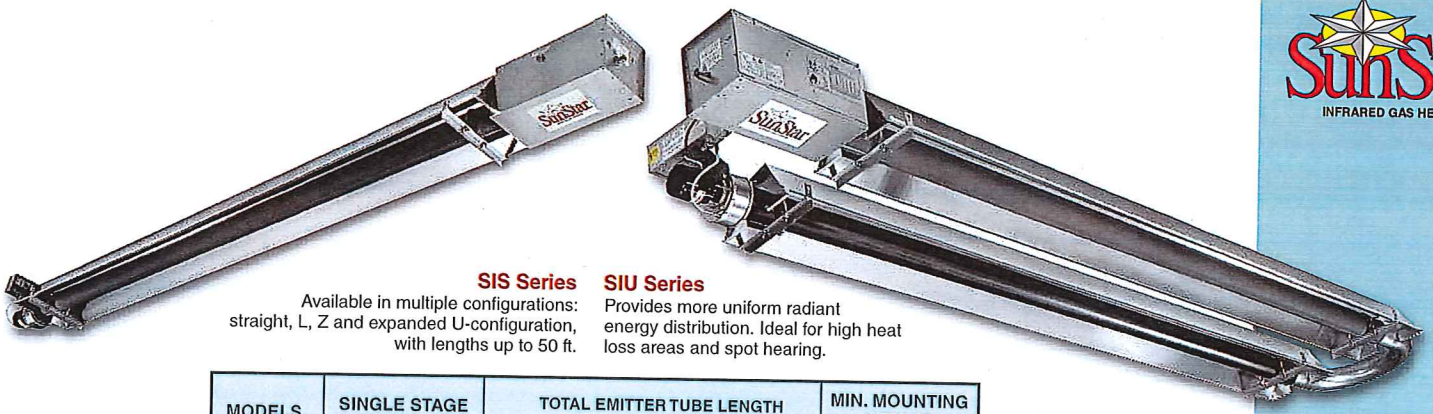
Minimum Mounting Heights

Minimum Mounting Heights are shown as a guideline for human comfort and uniform energy distribution.

Mount heaters as high as possible. Since straight tubes are always hotter at the burner end than at the exhaust end, always use U-tube heater configuration for spot or area heating applications.

SIS & SIU Series

PULL THROUGH (NEGATIVE PRESSURE)



SIS Series
Available in multiple configurations: straight, L, Z and expanded U-configuration, with lengths up to 50 ft.

SIU Series
Provides more uniform radiant energy distribution. Ideal for high heat loss areas and spot hearing.

MODELS	SINGLE STAGE BTU/HR INPUT	TOTAL EMITTER TUBE LENGTH 15'	20'	30'	40'	50'	60'	MIN. MOUNTING HEIGHT AT HORIZONTAL
SIS/U 50	50,000	●	●	●				11 FT
SIS/U 75	75,000		●	●				13 FT
SIS/U 100	100,000			●	●			14 FT
SIS/U 125	125,000			●	●	●		14 FT
SIS/U 150	150,000				●	●		15 FT
SIS/U 175	175,000				●	●		16 FT
SIS/U 200	200,000					●	●	18 FT

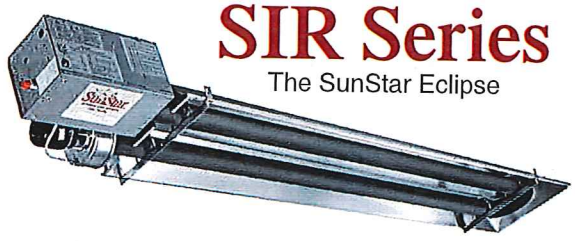
GAS TYPE	CONTROL SUFFIX	BURNER PRESSURE	SUPPLY PRESSURE MIN	MAX	VOLTAGE	AMPS	IGNITION TYPE	FLUE CONN.	FRESH AIR CONN.
NATURAL	N5	3.5" W.C	5" W.C	14" W.C.	120 VAC 60 HZ	2.4	DIRECT SPARK	4" ROUND	4" ROUND
PROPANE	L5	10" W.C.	11" W.C.	14" W.C.					

- 7 different BTU sizes and more than 60 different configurations to custom design your infrared heating system
- Products of combustion are pulled through the combustion chamber for increased radiant efficiency and greater safety
- Optional decorative grille, elbow and corner reflectors
- Sidewall or through the roof venting
- Vented or indirect vented operation
- Heavy duty draft inducer assembly with permanently lubricated, totally enclosed and heavy duty ball bearing motor for maintenance-free operation
- 30 second pre-purge period before ignition
- Heavy duty cast iron burner
- Reliable direct spark ignition system and 100% Gas Shut-Off Safety Control
- Step-opening redundant combination gas valve for quiet ignition and added safety
- Up to 50 ft. outside combustion air capability
- Diagnostic Monitoring Light System
- 4" 0. D. heat treated aluminized steel combustion chamber (10' length)
- Standard highly emissive radiant tubes (10' lengths)
- Optional aluminized steel radiant tubes (Tough Guy Option)
- 5 year limited warranty on all tubes
- Up to 75 feet sidewall vent capability
- Highly efficient aluminum reflectors

NOT FOR RESIDENTIAL USE

SIR Series

The SunStar Eclipse



- Available in BTU sizes from 25,000 to 45,000
- Compact length – overall length is 9'2" for ease of installation
- Efficiencies range up to 84.5%
- Installation as low as 8' above floor
- Optional deflector kit for reduced clearances below

Residential And Commercial – Certified for residential garage as well as commercial applications

Vacuum System –Products of combustion are pulled through the combustion chamber for greater safety ...virtually eliminates the possibility of combustion gases leaking into the heated space.

U-Tube Design – Provides uniform emitter tube temperatures and energy distribution on the floor ...unlike straight tube heaters which are always hotter at the burner end than at the exhaust end.

Warranty – 5-year limited combustion chamber warranty.

Other Features – Heat treated, aluminized steel tubes, aluminum reflectors with 97% reflectivity rating, direct spark ignition system with 100% gas safety shut-off control and 30-second prepurge, diaphragm safety switch for proof of venting, and system indicator lights.

MODEL NO.	INPUT BTU/Hr	GAS TYPE	BURNER PRESSURE	SUPPLY PRESSURE MIN	MAX	VOLTAGE	AMPS	IGNITION TYPE	FLUE CONN.	FRESH AIR CONN.
SIR 25	25,000	NATURAL	5" W.C.	5" W.C.	14" W.C.	120 VAC 60 HZ	2.4	DIRECT SPARK	4" ROUND	4" ROUND
SIR 35	35,000	PROPANE	10" W.C.	11" W.C.	14" W.C.					
SIR 45	45,000									

SunStar
INFRARED GAS HEATERS

Model Selection

Model numbers are based on BTU/Hr input (e.g., 100,000 BTU/Hr), total emitter length (e.g., 40 feet), and control suffix for gas type (e.g., natural gas – Single Stage (e.g. N5) or Two Stage (e.g. N7)).

For this example, the model number for a pull through (negative pressure) straight tube heater with Single Stage natural gas control would be SIS100-40-N5. For the same example, the U-tube heater model number would be SIU100-40-N5.

For the same example, the model number for a push through (positive pressure) straight tube heater with a Two Stage natural gas control would be SPS100-40-N7. Using the same example, the U-tube heater model number would be SPU100-40-N7.

Tough Guy Option

SunStar also offers a "Tough Guy" option for more corrosive and harsh environments with heat treated aluminized steel tubes. For the example above, the model number for a pull through (negative pressure) straight tube heater with the "Tough Guy" option would be SIS100-40-TG-N5.

Note: SunStar's "Tough Guy" Option is recommended for dairy barns, greenhouses, swimming pools, waste water treatment plants, chemical plants and other high humidity or corrosive type environments. Also the SPS or SPU series with the "Tough Guy" Option is highly recommended for car wash applications.

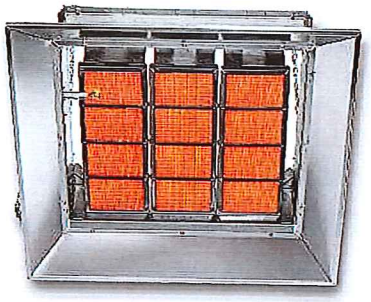
INFRARED CERAMIC HEATERS

The SunStar StarGlo is the answer for spot or area heating. It is also ideal for the replacement of existing ceramic heaters.
Indirect vented operation – requires mechanical or gravity ventilation. Verify clearances to combustibles requirements before product selection.

The SunStar StarGlo SG Series

DIRECT SPARK IGNITION

- Capacities from 30,000 to 155,000 BTU/hr
- Dimpled tile assembly design for increased radiant efficiency
- Equipped with 100% gas shut-off safety control
- Constructed of aluminized steel for corrosion-resistance
- Aluminum reflectors designed to maximize radiant output
- Optional protective radiant screen
- 120/24V transformer furnished
- Requires 37" to 65" clearances above the heater



GAS TYPE	BURNER PRESSURE	SUPPLY PRESSURE MIN	MAX
NAT	6" W.C.	7" W.C.	14" W.C.
LP	10" W.C.	11" W.C.	14" W.C.

Supply voltage: 115V Amp Draw: 0.40 Amp
Gas Connection: 1/2" NPT Female

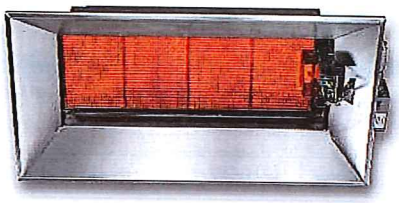
MODELS	GAS TYPE	INPUT BTU/HR	MIN. MOUNTING HEIGHT AT HORIZ.
SG3-N	NAT	30,000	12 FT
SG3-L	LP	32,000	12 FT
SG4-N	NAT	40,000	12 FT
SG6-N	NAT	60,000	13 FT
SG6-L	LP	66,000	13 FT
SG8-N	NAT	80,000	14 FT
SG10-N	NAT	100,000	15 FT
SG10-L	LP	100,000	15 F5
SG12-N	NAT	120,000	16 FT
SG13-L	LP	130,000	17 FT
SG14-N	NAY	140,000	17 FT
SG15-N	NAT	155,000	18 FT

The SunStar StarGlo SGM Series

MILLIVOLT STANDING PILOT

- Capacities from 26,000 to 104,000 BTU/Hr
- Does not require external electrical power to operate
- Millivolt standing pilot operation with 100% gas shut-off safety control
- Aluminized steel construction
- Suitable for horizontal or angle mount up to 30°
- Requires 24" to 36" clearances above the heater

NOT FOR RESIDENTIAL USE



- Requires 750MV thermostat
- Aluminum reflectors
- Protective radiant screen included
- Optional reflector extensions available

Gas Connection: 1/2" NPT Female

MODELS	GAS TYPE	INPUT BTU/HR	MIN. MOUNTING HEIGHT AT HORIZ.
SGM3-N1	NAT	26,000	12 FT
SGM3-L1	LP	26,000	12 FT
SGM6-N1	NAT	52,000	14 FT
SGM6-L1	LP	52,000	14 FT
SGM10-N1	NAT	104,000	15 FT
SGM10-L1	LP	104,000	15 FT

GAS TYPE	BURNER PRESSURE	SUPPLY PRESSURE MIN	MAX
NAT	6" W.C.	7" W.C.	14" W.C.
LP	10" W.C.	11" W.C.	14" W.C.

RCH Series

INFRARED
CONSTRUCTION HEATER

- SunStar's RCH model heater is ideal for construction sites, unheated work areas and supplemental heat in large buildings
- Heats people and work areas directly, before heating the air
- No electricity is required
- The cylindrical stainless steel emitter beams radiant heat around the entire circumference of the heater
- ***Available in both manual and energy saving thermostatically controlled models***

NOT FOR RESIDENTIAL USE

- No moving parts
- Compact 14" diameter base
- Cast iron burner head with stamped steel burner
- Heats up to 2500 sq. ft.
- Optional 10ft hose and LP tank regulator with POL fitting for all LP gas units
- Max gas supply pressure: 14" W.C. or 1/2 PSIG
- Gas connection: 1/2" NPT Female

MODELS	CONTROL TYPE	GAS TYPE	INPUT BTU/HR	MIN. CLEARANCE TO COMBUSTIBLES TOP	SIDE
RCH100-N6C	MANUAL	NAT	100,000	54"	60"
RCH100-L6C		LP	95,000		
RCH100-N9A	THERMOSTAT	NAT	100,000		
RCH100-L9A		LP	95,000		

For Your Safety

OPERATE SUNSTAR GAS INFRARED HEATERS WITH PROPER CARE AND OBSERVE ALL SAFETY PRECAUTIONS. Installation and service must be performed by a licensed contractor. The installation must conform with Installation and Operating Instructions and local codes, NFPA 54 or CGA B149. Visit our website for detailed clearances to combustibles or other installation requirements.

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