



SOUTHWEST GAS CORPORATION

MANDATORY PROJECT INFORMATION

COMPLETE & RETURN TO:

joshua.jay@swgas.com OR 1600 E Northern Ave Phoenix, AZ 85020 OR
fax: 602 395 4195 cell: 602-919-1949

It is imperative that we receive the below information and the following forms before our process for your project can begin:

____ Legal Plat - PDF

☒ Gas Riser Diagram - PDF

☒ Site Plan - PDF

Mark preferred meter location on site plan

____ Electric Plan - PDF

Needed if new electric install is taking place

☒ Civils - CAD - only needed for formal design

Formal design is required if gas line on said property will be greater than 1,000 feet OR more than 2 risers will be requested on said property OR approach main is needed to reach said property. Approach Main is a new gas line running parallel to the ROW to reach the said property.

ALL YELLOW FIELDS ARE REQUIRED

1	Originator Name:	
	Originator Email:	
	Originator Phone:	
	Legal Entity for Signing Authority:	
	Legal Entity Mailing Address:	
	City, State & Zip:	
	Legal Entity Email or Owner's Representative Email:	

2	Project Name:	
	Service Address:	
	City, State & Zip:	

3	On-site Contact Business Name:	TBD
	On-site Contact Individual Name:	
	On-site Contact Individual Phone:	
	On-site Contact Individual Email:	

4	Gas Meter Location When Facing Building:	<input type="checkbox"/> Left <input type="checkbox"/> Right <input type="checkbox"/> Front <input type="checkbox"/> Rear
	Length of Gas Service from P/L to Meter:	
	Sleeving Contractor Name:	TBD
	Planned Sleeving Install Date:	

5	Local Jurisdiction (who issued your building permit):	
	Required Delivery Pressure:	

Standard delivery pressure is 1/4 psi. Request for elevated pressure requires written approval prior to your house line install.

6	Required Install Date:	
	Required Meter Turn On Date:	



SOUTHWEST GAS CORPORATION

CONTRACT FOR INSTALLATION OF NATURAL GAS PIPELINE FACILITIES - INGRESS AND EGRESS (ARIZONA AND NEVADA)

OFFICE USE ONLY

Mtr. Loc. _____ Footage _____
Work Request _____

Service Address _____ City or Location _____
Name of Applicant _____ Tract _____
Mailing Address _____ APN and/or Lot #s _____
City, State, ZIP Code _____ Email: _____
Daytime (or) Work Phone _____ Evening (or) Cell _____

Type of Service	Rev/Rate	Appliances Agreed To Be Installed	Qty.	Input Btu/Hr.Ea.	Total input Btu/Hr.
Residential					
Single Family					
Multifamily					
Mobile Home					
Commercial					
Industrial					
Transportation					
Other					
New Construction					
Conversion (Propane Oil Electric)				Total Connected	-

Applicant will provide trench Yes ☒ No ☐

If trench is provided for joint use, check all that apply: Cable Telecommunications Electric Other

Permission to Branch Serve:

Address _____ Signature _____
Notes _____

Contract Conditions:

1. The Applicant, as owner or authorized agent for the owner, hereby requests Southwest Gas Corporation ("Southwest") to install its natural gas pipeline facilities ("Subject Facilities") to and upon the aforementioned premises, in accordance with the provisions of its Rules as filed with the Regulatory Commission ("Commission") having jurisdiction over the Southwest's operations, and hereby grants to Southwest such rights of ingress and egress as may be necessary or convenient to enable Southwest to install, operate, inspect, maintain, repair and remove meters, gauges, pipelines, fittings and regulators, and all other equipment and apparatus which Southwest may elect to install for the purpose of furnishing natural gas service to the aforementioned premises or adjoining premises, or to make a survey of the number and type of appliances and equipment installed on the aforesaid premises. No permanent obstructions will be placed over the pipeline.
2. The Applicant agrees to install and utilize the natural gas appliances and/or equipment indicated above. The justification of any applicable allowance granted the Applicant is based on the usage of the installed appliances and/or equipment (indicated above). If the appliances and/or equipment (indicated above) for natural gas service are not installed and utilized for service: Arizona and Nevada- within six months for service lines and one year for main lines; Southwest may bill the Applicant for the cost of the Applicant's natural gas service and/or main line installation.
3. This Contract shall at all times be subject to such changes or modifications by the Commission as said Commission may from time to time direct in the exercise of its jurisdiction.
4. The Subject Facilities will at all times be owned by Southwest. If Applicant is the property owner, Applicant agrees: (1) to grant or otherwise provide to Southwest, without cost to Southwest, easements and rights-of-way which are adequate, in the opinion of Southwest, for the location, installation, operation, maintenance, and removal of the Subject Facilities and (2) that no permanent obstructions will be placed over Subject Facilities and further agrees to be responsible for any and all costs associated with removing any permanent obstructions that are placed over subject facilities. If Applicant is NOT the property owner, Applicant hereby agrees: (1) to provide written permission from the property owner(s) allowing Applicant to apply for the Subject Facilities and (2) to secure property owner(s) agreement to the foregoing granting Southwest such easement and right-of-way as necessary for the provision of natural gas service.

I hereby authorize the installation of natural gas pipeline facilities and agree to pay any cost of installation in excess of the allowable investment of Southwest as defined in its filed rules and regulations.

APPLICANT	SOUTHWEST GAS CORPORATION
_____ (Signature)	_____ (Signature)
_____ (Print Name)	_____ (Title)
<input type="checkbox"/> Owner <input type="checkbox"/> Builder	



June 2016

SERVICE SLEEVING AGREEMENT FOR CUSTOMER PROVIDED AND/OR JOINT TRENCH

Approved Contractor?
Yes ____ No ____

SLEEVING PRODUCT

- ☞ A minimum of 15' sleeving length is required in order to utilize sleeve
- ☞ Approved 1 ½" to 2" yellow PVC Sleeving - **Residential**
- ☞ Approved 4" yellow PVC Sleeving - **Commercial**
- ☞ Should be stamped "Natural Gas Sleeving"
- ☞ **Suppliers:** | Ferguson (602) 495-8300 | CED (623) 581-1900 | Border States (602) 244-0331 | Wesco (602) 275-8521

INSTALLATION REQUIREMENTS

- ☞ **ABSOLUTELY NO BORING ALLOWED**
- ☞ Please note that a 100% sleeve inspection on all Non-Approved Sleeving Contractors will be required. Prepare your trench and stage sleeving on edge of trench. The SWG Inspector will observe the joining and backfill of the sleeve. Please call the SWG contact below for sleeve inspection
- ☞ Sleeving will be installed 24" below finished grade to top of sleeving for **Residential**
- ☞ Sleeving will be installed 30" below finished grade to top of sleeving for **Commercial**
- ☞ Join PVC sleeving by using solvent cement. Apply the solvent cement to the pipe only. This will eliminate excess cement from puddling inside the sleeving. **(Do not apply solvent cement to the socket end)**
- ☞ Shading material must be 1 ½ inch minus for 6 inches above the sleeving and the sleeving must rest upon smooth soil
- ☞ If rocky conditions exist, a minimum of six (6) inches of 1 ½" minus must be used for Padding
- ☞ All changes in trench direction must be left open or SWG will dig out backfilled bell holes at a cost of \$175 per bell hole. Charges to be paid by Contractor before Southwest Gas crew arrives on site
- ☞ Warning tape will be installed in the last lift of the backfill
- ☞ Installation of sleeving per SWG standards as provided in training

INSTALLATION CLEARANCES

- ☞ Sleeving should be installed with a minimum of 12" clearance from all utilities within trench
- ☞ Sleeving is to be installed at the following locations in reference to the house/building:
 - ☐ Two (2) feet out from the stem wall
 - ☐ **Residential** – 25" to the left of houseline. If total gas load is greater than 1,000 CFH, follow the "Meter Spread" chart
 - ☐ **Commercial** – Refer to "Meter Spread" chart for dimension to the left of plumbing pipe exiting the commercial building

SLEEVING LOCATION – MAIN/STUB

- ☞ Sleeving is to be installed 3 feet from the natural gas main or stub blue stake mark
- ☞ If Southwest Gas Facilities are exposed, call 480-730-3621
- ☞ If crossing electric, telephone, or cable is necessary to get the sleeve within 3 feet, this is a mandatory "hand dig"
- ☞ Sleeving Marker will extend 1 foot above ground level at both ends for identification purposes
- ☞ Sleeving will be sealed at both ends to prevent dirt from getting into the sleeve
- ☞ Sleeves over 150' long MUST have mule tape inserted

Southwest Gas Contacts:

West of I-17, South of I-10 – New Busines Desk - West – 602-484-5428

East of I-17, North of I-10 – New Busines Desk - East - 480 730 3627

My staff, contractors, and I agree to follow this Agreement when installing Service Sleeving for Natural Gas facilities.

CUSTOMER SIGNATURE

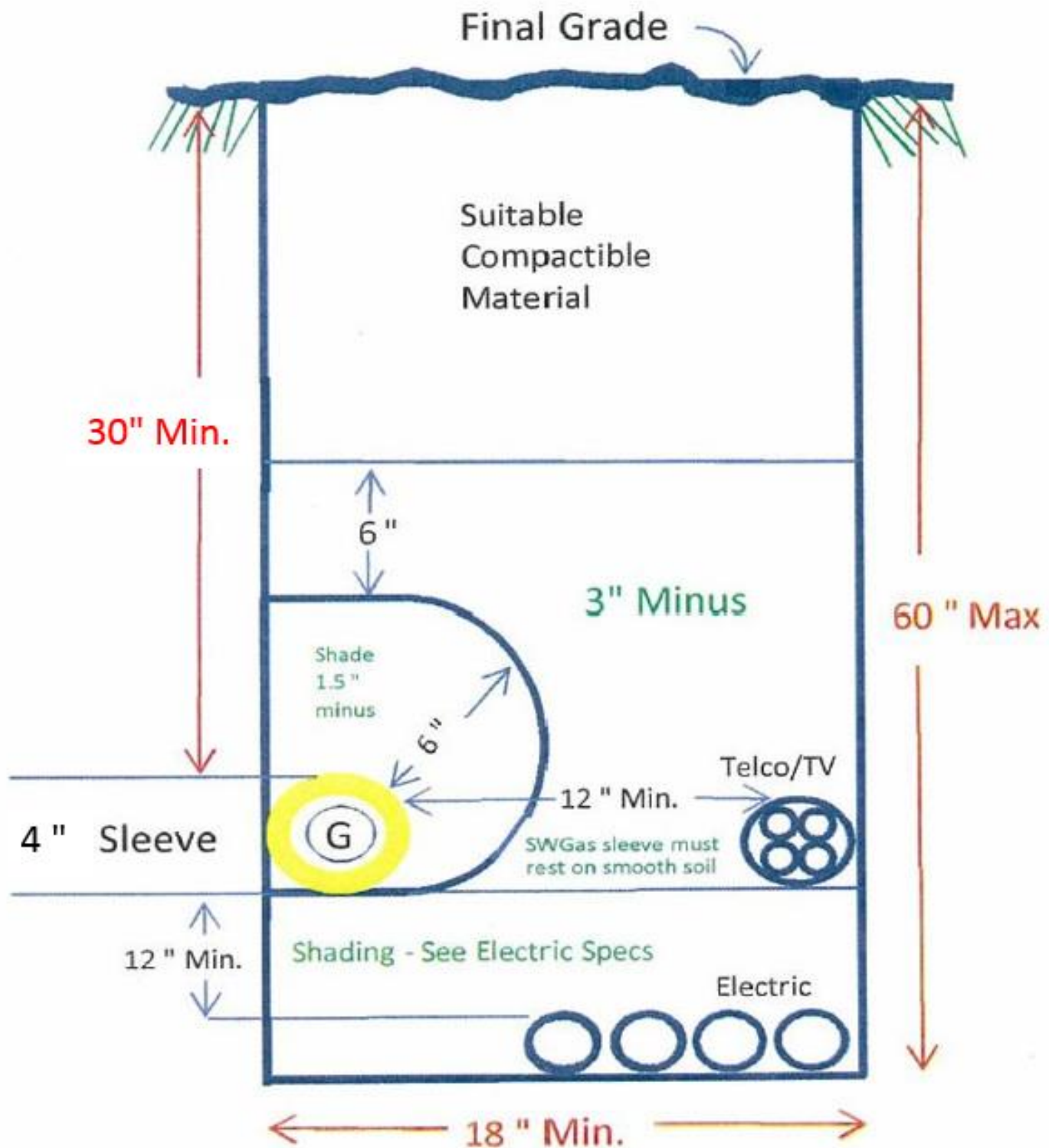
PRINT NAME

DATE

COMPANY NAME

EMAIL ADDRESS







SOUTHWEST GAS APPROVED TRENCHING CONTRACTORS

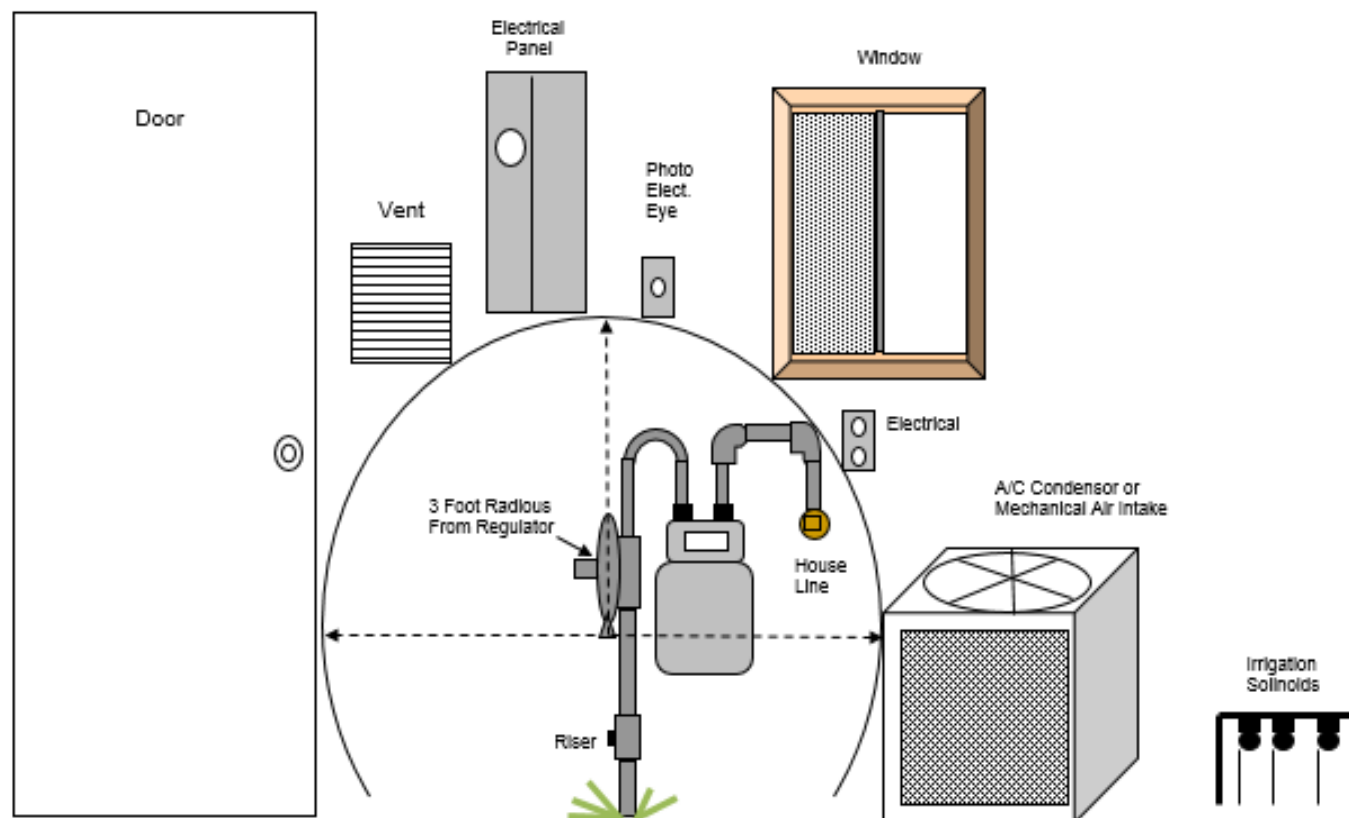
Please note that Southwest Gas takes no responsibility for the pricing and hiring of a Customer Trenching Contractor. The following contacts are provided for your convenience, but are not a formal referral by Southwest Gas.

ALLSTATE UTILITIES	(480) 720-2120	SHAFFER & SONS	(602) 757-8652
ARIZONA TRENCH COMPNAY	(602) 695-0968	STEFFEY EXCAVATING	(623) 869-7111
AZ TRENCHING & UNDERGROUND SVCS	(480) 756-2518	TAMBER CONSTRUCTION	(480) 250-5357
B & F CONTRACTING	(623) 582-1170	TPL	(602) 769-2266
BEECROFT, LLC	(602) 243-5212	UTILITY WEST LLC	(602) 312-2690
BELLAIRE CONSTRUCTION	(602) 620-1973	VALLEY TRENCHING	(602) 339-7919
CLEARWATER PIPELINE, LLC	(480) 703-8516	VW DIG	(480) 461-3800
CMZ CONTRACTING	(602) 757-1031	WESTERN UNDERGROUND	(623) 580-0302
CRAIG ALAN THOMPSON, LLC	(602) 684-0594	WINDSOR EXCAVATING	(602) 622-7680
DIG IT EXCAVATING	(602) 770-5272	3D PIPELINES	(602) 441-5359
GECKO UNDERGROUND	(623) 937-8305		
GT EXCAVATING	(602) 810-4734		
HENDRICKSON CONSTRUCTION	(623) 764-5614		
KC BACKHOE	(480) 560-3917		
KLASS SERVICES	(623) 764-4348		
LEVAKE CONSTRUCTION	(623) 587-9093		
NICKLE CONTRACTING, LLC	(602) 722-3328		
NORTH STAR PIPELINE	(480) 804-1660		
RHINO CONTRACTING	(480) 686-0797		
RP GAS PIPING	(602) 909-8111		



SOUTHWEST GAS

Gas Meter Installation Requirements



Meter Type	Delivery Pressure	Capacity (CFH)	Outlet Pipe Size	Spread Riser to House Line Left to Right	Clearance off of Wall	Height from Final Grade
AC 250	0.25 psi / 2 psi	250 / 262	2" Threaded Nipple	30" / 30"	18"	2' 6"
AC 630	0.25 psi / 2 psi / 5 psi	630 / 1310 / 1515	2" Threaded Nipple	30" / 30" / 7' 11"	18"	3'
AL 1000	0.25 psi / 2 psi / 5 psi	1000 / 2330 / 2660	2" Threaded Nipple	30" / 30" / 7' 11"	18"	3'
15C	0.25 psi / 2 psi / 5 psi	1500 / 1640 / 1950	2" Threaded Nipple	7' 11"	24"	3'
3M	0.25 psi / 2 psi / 5 psi	3000 / 3300 / 3900	2" Threaded Nipple	7' 11"	24"	3'
5M	0.25 psi / 2 psi / 5 psi	5000 / 5500 / 6500	4" ANSI 150 FF Flange	10' 3"	24"	3'
7M	0.25 psi / 2 psi / 5 psi	7000 / 7700 / 9100	4" ANSI 150 FF Flange	10' 3"	24"	3'

**** Please provide this to your plumber ****

*NOTE: METERS ARE REQUIRED TO HAVE BLUE SKY ABOVE. PLACEMENT UNDER A PATIO, INSIDE A GARAGE, IS UNACCEPTABLE



SOUTHWEST GAS CORPORATION

REQUEST FOR ELEVATED GAS DELIVERY PRESSURE

Required Form must be completed for 2 PSI or 5 PSI - Ask your plumber

Only Complete if you need this

Project Name

Address, City, State, and Zip

I, _____, an authorized agent of the builder / developer, am requesting _____ 2 PSI _____ 5 PSI gas delivery pressure at the above site.

The elevated pressure is needed to (CHECK ONE REASON ONLY):

☒ Required to reduce interior pipe size smaller than 4". Please note that if interior pipe size is smaller than 4" at 7" w.c. (1/4 PSI), pressure will not be granted.

***Plumbing Schematic is Required for Approval**

I understand that I will provide Southwest Gas Corp. a drawing of the interior gas piping system, which has either been approved by an authorizing municipality or stamped by a P.E. (Professional Engineer). Please note that the review of the interior gas distribution system by Southwest Gas is NOT a certification of adequacy of the design. In addition, I understand that any downstream regulation that may be required is not the responsibility of Southwest Gas.

☐ Supply the above referenced project with the following equipment, which requires pressure greater than 7" w.c. (1/4 psi)

List of Equipment: _____

***Manufacturer Spec Sheet is Required for Approval**

By signing this document I acknowledge and accept full responsibility for operation and maintenance of this project's gas piping system including all regulators, gas appliances, fixtures, and apparatus of any kind or character located beyond the point of natural gas delivery (gas meter). I also agree NOT to install my plumbing/houseline prior to receiving written Southwest Gas approval of this pressure request.

By: _____

(Signature)

Date: _____

Name: _____

(Print Name)

Title: _____

Company: _____

(Please Print)

Phone: _____