

City of Pampa

Construction-

Permit Manual 2.1

September 2024

City of Pampa Construction and Permit Manual

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CONTACTS FOR THE CITY OF PAMPA

City Administration, Public Works at 806-669-5750

City Manager: Shane Stokes

Director of Public Works: Gary Turley

Planning and Zoning: Luke Raber

Alcohol Jurisdiction: Barbara Stucker

Code Enforcement, Health and Building Safety at 806-669-5740

Building Official: Cary Rushing

Health Inspector: Cary Rushing

Code Enforcement Officer: Cary Rushing

Administrative Assistant: Alyssa Morales

Building Permits and Permitting: 806-669-5740

Fax Number: 806-669-5748

Fire Marshall at 806-669-5800

Fire Marshal: Jason Roberts

ADOPTED CODES OF THE CITY OF PAMPA

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1. 2018 International Residential Code
2. 2018 International Fire Code
3. 2020 National Electrical Code
4. 2018 International Building Code
5. 2018 International Fuel Gas Code
6. 2018 International Plumbing Code
7. 2018 International Mechanical Code
8. 2018 International Energy Conservation Code
9. 2017 Panhandle Residential Foundation Manual
10. National Fire Protection Association 101 Life Safety Code

BUILDING DESIGN CRITERIA FOR PAMPA

Ground Snow Load	20
Wind Speed	115 mph
Seismic Design Criteria	B
Weathering	Moderate
Frost Line Depth	18"
Termite Decay	Moderate to Heavy None to Slight
Winter Design Temp	20°
Flood Hazards	(a) Ordinance 1528, adopted 11-04-2010 (b) NFIP Flood Insurance Rate Map Community #480258

NATIONAL ELECTRICAL CODE AMENDMENTS

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Wiring: Aluminum wiring is allowed in one and two family dwellings and in other occupancies for feeder conductors but not for individual branch circuits.

Service Entrance Conductors: Service-entrance conductors shall not be smaller than a no. 4 A.W.G. copper, with main disconnect on the outside of residence or building.

INTERNATIONAL RESIDENTIAL CODE AMENDMENTS

FIRE RESISTIVE RATING: The first sentence to paragraph R302.1 of section R302 entitled "Location on Lot" is amended to read as follows: Exterior walls shall have not less than a one-hour fire-resistive rating with exposure from both sides.

CONCRETE STRENGTH: Table R402.2, Minimum Specified Compressive Strength of Concrete, is hereby amended by adding footnote (f) to read as follows: The city is determined to be in moderate weathering potential zone and concrete minimum compressive strength shall be 3000 psi.

FOUNDATIONS: The Panhandle Residential Foundation Manual, 2017 edition, is adopted in its entirety. (Ordinance 1689 adopted 04/09/2018).

INTERNATIONAL ENERGY CONSERVATION CODE AMENDMENTS

Required Inspections. The following components shall be inspected as needed to ascertain compliance with this code. These inspections are in addition to those required by other sections of the municipal code. All insulation and fenestration shall be marked and identified, or certified in accordance with section 102.

Foundation, Basement, and Floor Slab Insulation. Foundation, basement, and floor slab insulation shall be inspected after it is installed but prior to it being concealed by other materials. Depending upon where the insulation is placed, partial inspections may be required either prior to or after placement of concrete, or both. Insulation located on the exterior of foundation walls and slab edges may be inspected at the exterior wall insulation stage following the framing inspection.

Exterior Wall, Crawl Space, Floor, and Roof Insulation. Exterior wall, vapor barriers, exterior insulating sheathing, exterior weather resistive barriers; crawl spaces and floors other than concrete slabs on grade; and roof insulation, if used, shall be inspected after the framing inspection, but prior to being concealed by other materials.

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Ceiling Insulation, Penetrations of the Building Envelope, and Fenestration. Ceiling insulation, penetrations of the building exterior envelope, and fenestration (windows, doors, and skylights) shall be inspected after installation. These may be inspected all at one time, or individually as necessary.

Ceiling Insulation. Either ceiling insulation depth markers, or certification markers, or both shall be present upon inspection.

Penetrations of the Building Envelope. Penetrations of the building envelope shall be inspected to ascertain whether they have been appropriately sealed to limit uncontrolled air leakage (infiltration and exfiltration). Interior wall and ceiling substrates or finish materials, and subflooring if used, shall be in place, and penetrations sealed. Secondary construction such as furred out spaces, cabinets, fixtures, and similar components shall not conceal penetrations of the building envelope (exterior walls and ceilings) until those penetrations have been sealed and the inspection is approved.

Fenestration. Fenestration (windows, doors, and skylights) shall be in place, sealed around their perimeters where they are attached to the frame, and voids in the rough framing shall be insulated. Fenestration U-factor labels or documentation, both in accordance with section 102, shall be available for inspection.

Mechanical Systems and Lighting. Mechanical systems, including those required for comfort heating and cooling, service water heating, and swimming pool heating equipment; and lighting systems shall be inspected for compliance with energy conservation measures at the same time as the rough-in, top-out, and final inspections normally required for electrical, heating and air conditioning, and plumbing permits under the respective codes.

Final Inspection. Upon completion of a project requiring a permit, the energy conservation measures and components shall be inspected for compliance at the same time as the final inspections normally required for building, electrical, heating and air conditioning, and plumbing permits under the respective codes.

Table 302.1, Exterior Design Conditions, is hereby amended by adding the following values to the table:

CONDITION	VALUE
Winter, design dry-bulb (F)	11°F
Summer, design dry-bulb (F)	95°F

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Summer, design wet-bulb (F)	66°F
Degree days heating	4258
Degree days cooling	1354
Climate zone	9B

REQUIREMENTS FOR SUBMITTAL DOCUMENTS

- Complete Building Permit Application.
 - Plans for a dwelling, addition or alterations may be prepared by anyone providing that no special engineering is required due to special conditions
 - Commercial projects must have stamped drawings by a licensed architect or engineer who is registered in the state of Texas. Plans shall be accompanied by the necessary calculations supporting the design.
 - Proof of TDLR accessibility review registration for projects is required with applications for commercial building permits. This requires that the plans for commercial building projects of \$50,000 or more in value must be registered with the Texas Department of Licensing and regulation (TDLR).
 - Drainage Plan showing runoff quantities for (2) two 100 year events.
 - Asbestos survey for building and demolition permits for existing building subject to state laws for asbestos abatement.
 - Submit (2) sets of plans and specifications.
 - Construction documents shall be dimensioned and drawn upon suitable material, and be of sufficient clarity to indicate location, nature, and extent of the work proposed and shows in detail that it will conform to the provisions of the adopted codes and ordinances as determined by the building official.
1. **Site Plan / Plot Plan:** drawn to scale showing legal description of property, lot size, streets and alleys, location and setback of all buildings in relation to property lines, off-street parking, and site drainage.
 2. **Foundation Plan** and details, showing the size, depth, and reinforcing of all walls and footings, the size of floor joists, all piers, girders and other supports.
 3. **Floor Plan** showing the size and shape of building, the arrangement of rooms, the size and location of all openings.
 4. **Roof Framing Plan** showing the size and type and spacing of all ceiling and roof members.
 5. **Structural Plans and details.**
 6. **Plumbing Plan** to include plumbing fixtures, waste, water, and gas piping.
 7. **Electrical Plan** to include all electrical fixtures, fixed appliances, motors, service, sub-panels, raceways, wire sizes, and a one-line diagram.
 8. **Mechanical Plan** to include BTU, size of equipment (tons), layout and sizes.

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9. **Elevation Plan** a minimum of two elevations showing the grades, story heights, vertical dimensions and locations of all openings.
10. **Exterior and Interior Wall Section** showing the construction of walls
11. The provisions of the International Energy code shall apply. A Resi-Check shall accompany all construction drawings. Energy design assumptions, calculations and details are required.
12. **Landscape Plan** Compliance with City of Pampa’s Landscape Ordinance.
13. Compliance with City of Pampa’s zoning requirements.
14. Pay applicable permit fees.

REQUIREMENTS FOR PERFORMING WORK

All commercial work is required to be performed by licensed contractors. Residential work may be performed by a homeowner on their own home that they live in. Otherwise licensed contractors are also required. See Contractor Registration Requirements below.

Contractor Categories	State License or Registration Required	City Registration in Addition to State License or Registration	Annual City Registration Fee	License and Permit Surety Bond	General Liability Insurance
Building contractor					
1. General contractor ¹	No	Yes	\$400	None	\$1,000,000.00
2. New residential contractor ²	State Reg.	Yes	\$400	None	None
3. Residential additions and remodeling contr. ³	State Reg. ⁴	Yes	\$400	\$20,000.00	None
Additional requirements for building/demolition		Any of the above	\$400	Lot clearance bond ⁵	Yes ⁶
Electrical contractor, master electrician license ⁷	State Lic.	No	\$0.00	None	State Required Min.
HVAC contractor, A and B ⁸	State Lic. ⁹	No	\$0.00	None	State Required Min.
Landscape irrigation contractor	State Lic.	Yes	\$400	\$10,000.00	None
House moving contractor	No	Yes	\$400	\$10,000.00	None
Plumbing contractor, master plumber license ¹⁰	State Lic.	No	\$0.00	None	State Required Min.
With medical gas endorsement (MGE) ¹¹	MGE	No	\$0.00	None	State Required Min.
Roofing contractor ¹²	No	Yes	\$400	\$20,000.00	\$300,000.00 ¹³
Sign contractor					
1. Electrical sign contractor ¹⁴	State Lic. ¹⁵	No	\$0.00	None	State Required Min.
2. Non-electrical sign contractor ¹⁶	None	Yes	\$400	\$10,000.00	None
Swimming pool, hot tub and spa contractor	No	Yes	\$400	\$10,000.00	None
Water treatment equipment installation contractor	State Lic.	Yes	\$400	\$10,000.00	None

CONTRACTOR REGISTRATION REQUIREMENTS

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Table 3-1-100 Contractor Registration Requirements					
Contractor Categories	State License or Registration Required	City Registration In Addition to State License or Registration	Annual City Registration Fee	License and Permit Surety Bond	General Liability Insurance
Building Contractor					
1. General Contractor ¹	No	Yes	\$40	None	\$1000,000.00
2. New Residential Contractor ²	State Reg.	Yes	\$40	None	None
3. Residential Additions and Remodeling Contr. ³	State Reg. ⁴	Yes	\$40	\$20,000	None
Additional requirements for building demolition		Any of the above	\$40	Lot clearance bond ⁵	yes ⁶
Electrical Contractor, Master Electrician License ⁷	State Lic.	No	\$0	None	State Required Min.
HVAC Contractor, A and B ⁸	State Lic. ⁸	No	\$0	None	State Required Min.
Landscape Irrigation Contractor	State Lic.	Yes	\$40	\$10,000	None
House Moving Contractor	No	Yes	\$40	\$10,000	None
Plumbing Contractor, Master Plumber License ⁹	State Lic.	No	\$0	None	State Required Min.
With Medical Gas endorsement (MGE) ⁹	MGE	No	\$0	None	State Required Min.
Roofing Contractor¹²	No	Yes	\$40	\$20,000	\$300,000¹²
Sign Contractor					
1. Electrical Sign Contractor ¹⁰	State Lic. ¹⁰	No	\$0	None	State Required Min.
2. Non-electrical Sign Contractor ¹¹	no ¹¹	Yes	\$40	\$10,000	None
Swimming Pool, Hot Tub and Spa Contractor	No	Yes	\$40	\$10,000	None
Water Treatment Equipment Installation Contractor	State Lic.	Yes	\$40	\$10,000	none

ASBESTOS IN PUBLIC OR COMMERCIAL BUILDINGS

Before performing any demolition and/or renovation in a public building, building owners shall ensure that all asbestos-containing material are surveyed and abated in accordance with state laws. You must also notify the Texas Department of State Health Services before you start such a project.

Who can conduct an asbestos survey in a public building?

- Licensed Asbestos Consultant Agency
- Licensed Asbestos Management Planner Agency
- Licensed Asbestos Individual Consultant
- Licensed Asbestos Individual Management Planner
- Licensed Asbestos Inspector

Who can remove asbestos from a public building?

- Licensed Asbestos Contractors

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A City of Pampa permit is required before renovating or demolishing a public or commercial building. The City of Pampa will not issue any permit unless the applicant provides: evidence acceptable to the City of Pampa that an asbestos survey has been completed by a person licensed to perform a survey.

CITY OF PAMPA ORDINANCES

Ordinances are available at: www.cityofpampa.org

Landscaping	Ordinance 1329, Ordinance 1590
Signs	Ordinance 1333
Zoning	Ordinance 690.

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CITY OF PAMPA

APPLICATION FOR BUILDING PERMIT

*For the Erection, Remodeling, Repairing, Demolition of Buildings or Parts thereof as
Provided in the Pampa Building and Zoning Ordinances*

Date _____ Applicants Name _____ Phone _____

Project Address: _____

Character of Occupancy: _____

Property Owner: _____

Address _____ Phone No. _____

Contractor: _____

Contractor License No.: _____

Address _____ Phone No. _____

Permit For: New Construction () ; Remodel () ; Addition () ; Roof () ; Sign ()

Description of Work to be Performed _____

SEPARATE PERMITS ARE REQUIRED FOR PLUMBING, HEATING, AND ELECTRICAL

Total Dollar Value of Work _____

Architectural Barriers Registration No. _____ (Only on non-residential projects in
access of \$50,000.)

Answer the following questions only if renovating or demolishing a public or commercial building

Was an asbestos survey performed in accordance with Texas Asbestos Health Protection Rules
and National Standards for Hazardous Air Pollutants. Yes _____ No _____

Date of Survey: _____ / _____ / _____

TDH Inspector License No. _____

If the answer is NO, then as the owner, operator, or agent of the renovation/demolition site, I
understand that it is my responsibility to have this asbestos survey conducted in accordance with
Texas Asbestos Health Protection Rules and National Emission Standard for Hazardous Air
Pollutants prior to a renovation/demolition permit being issued by The City of Pampa.

Signature of Applicant _____ Date _____

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SCHEDULE OF BUILDING PERMIT FEES

Total Valuation	Fee
\$1000.00 and less	No fee, unless inspection required, in which case a \$15.00 fee for each inspection shall be charged.
\$1001.00 to \$50,000.00	\$15.00 for the first \$1,000.00 plus \$5.00 for each additional thousand or fraction thereof, to and including \$50,000.00.
\$50,001.00 to \$100,000.00	\$260.00 for the first \$50,000.00 plus \$4.00 for each additional thousand or fraction thereof, to and including \$100,000.00.
\$100,001.00 to \$500,000.00	\$460.00 for the first \$100,000.00 plus \$3.00 for each additional thousand or fraction thereof, to and including \$500,000.00.
\$500,001.00 and up	\$1660.00 for the first \$500,000.00 plus \$2.00 for each additional thousand or fraction thereof.

Additional Permit fees are required for Electrical, Mechanical, Plumbing, Driveways, Moved Buildings, and Signs.

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SET BACK REGULATIONS

Residential Single Family Dwelling

- Front Property Line Set-Back is Twenty-five (25') Feet or established building line if platted prior to 1969.
- Or Established Building Line if Platted prior to 1969
- If Variable Set Backs are Present; Take the Average of the Set-Backs on the side of the street the work is on for that one block.
- The Front Side Set Back On a Corner Lot That Has been Platted Prior to 1969 is Ten Feet (10')
- The Front Side Set Back On a Corner Lot That Has been Platted After 1969 is Twenty-Five Feet (25')
- Can only be on the back half of the lot.
- IF Accessory structure is closer than Five (5') to main structure the set back is Five (5') feet to side property line and ten (10') feet to rear property line.

Accessory Structures

- Three Feet (3') From Side Property Line
- Three Feet (3') From Rear Property Line
- Can only be on the back half of the lot.
- IF Accessory structure is closer than Five (5') to main structure the set back is Five (5') feet to side property line and ten (10') feet to rear property line.

FENCE REGULATIONS

Fences that are not over eight-feet (8') in height and Fences that are not retaining are exempt from a building permit.

Front Yard Fencing: Maximum height is Four-Feet (4'). The fence can be from the front of the house to the front property line

Rear Yard Fencing: Maximum height is Eight-Feet (8'). The fence can be from the front of the house to the rear property line

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REQUIRED INSPECTIONS

This section lists the minimum inspections required by the City of Pampa. Other inspections may be required as seen necessary.

Many inspections can be done the same day. We are closed from 12 noon to 1:00 p.m. for lunch and there is a cut-off time of 3 p.m. for same day inspections. To schedule an inspection, call (806) 669-5740. An inspector will visit the property and leave written approval or an inspection notice. The building inspector must approve all work before construction can proceed to the next step or stage. All work to be inspected must be accessible and exposed.

Type of Inspection

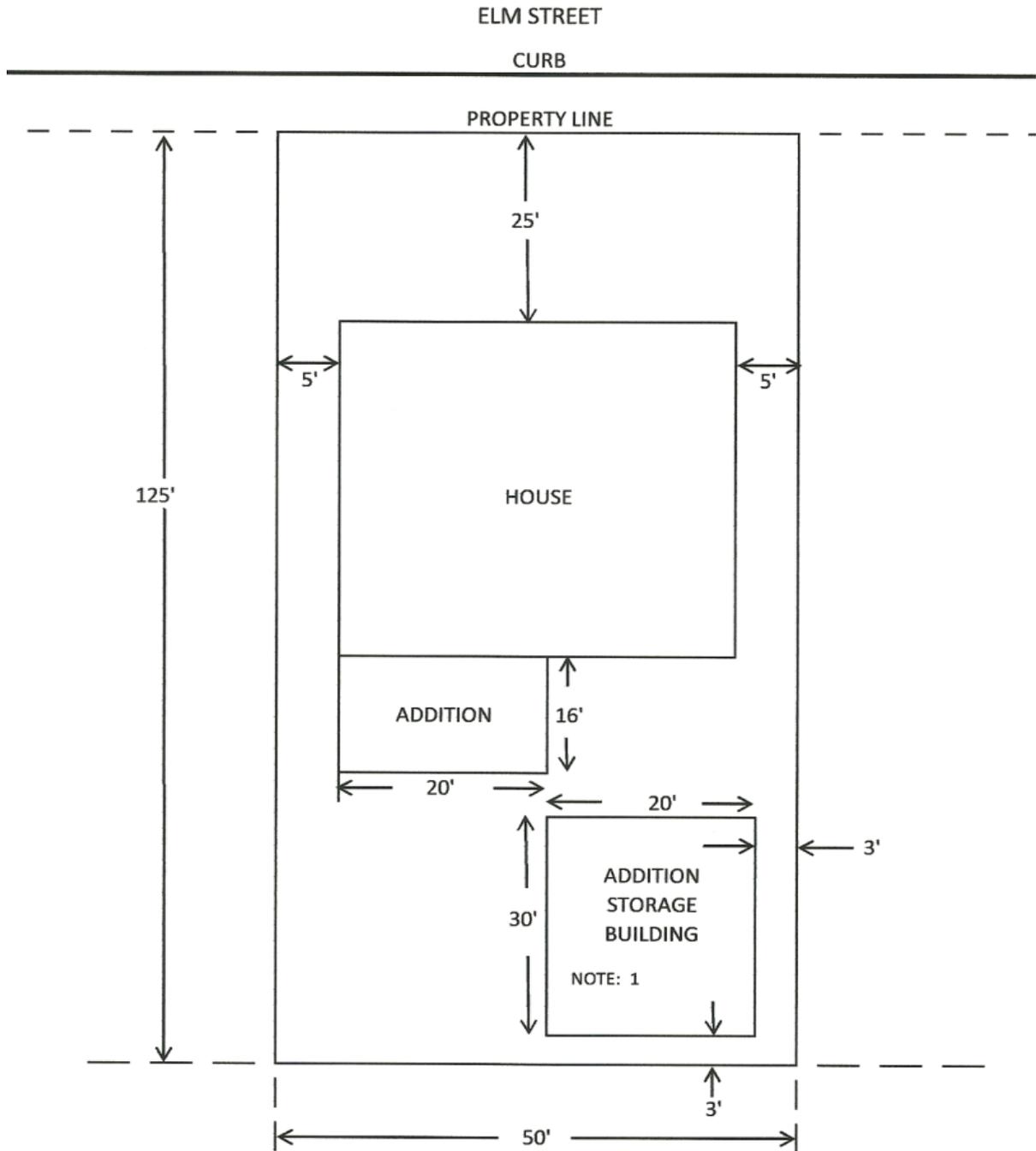
Request Inspection When:

- | | |
|------------------------------------|---|
| 1. Footing / Foundation | Trenches are excavated, forms are erected and reinforcing steel are in place but and before any concrete is poured or placed. |
| 2. Stem wall | Forms are aligned and staked, grade pins installed and reinforcing steel is in place. |
| 3. Building Drain
(Ground-work) | The under-floor building drain is installed; ditches are excavated, piping is shaded and under pressure test, but not covered or backfilled. |
| 4. Building Sewer | This is the piping connecting the building drain with the public sewer. All ditches are excavated, piping is shaded but not covered or backfilled. |
| 5. Water piping
(Ground-work) | Ditches are excavated, piping is shaded and properly supported and under a pressure test, but not covered or backfilled. |
| 6. Water service | This is the piping from the city water meter to the building supply. Ditches are excavated, piping is shaded and properly supported and under a pressure test, but not covered or backfilled. |
| 7. Slab on Grade | Before concrete is poured and reinforcing steel, forms and accessories are in place, but not covered. |
| 8. Strap and Shear | Exterior framing inspection before any weather barrier is applied. All wind-bracing or shear panels, and mechanical fasteners are Installed but not covered. |
| 9. Underground Electrical | Ditches are excavated, conduit or cable installed but no backfill is placed. |

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10. Rough Mechanical	Inspection made after the roof, framing, fire blocking and bracing are in place and all ducting and other concealed components are complete. All rough-in mechanical work is installed, but not covered.
11. Rough plumbing	All rough-in waste and vent piping is installed and under pressure test, but not covered
12. Rough Electrical	All rough-in electrical is installed, but not covered by wall or ceiling membranes.
13. Rough Frame	The building is “dried in” and all framing members, gussets, shear panels, anchors are in place. All plumbing, mechanical and electrical rough-ins are approved. No ceiling or wall membranes installed.
14. Masonry	Before grout is placed when all reinforcing bar and wire and bolts are in place.
15. Insulation	All insulation is installed and before any wall coverings are installed. If construction is pier and beam call for inspection before decking is installed.
16. Wallboard / Lath	Before tape/texture or finish materials are applied and fasteners are visible.
17. Gas-Piping	All piping has been installed and before any piping has been covered or concealed. Entire system is tested even if a partial alteration is made. The test must be verified by the inspector.
18. Gas Clearance	Clearance is sent to Utility Company
19. Electrical Clearance	Grounding and Bonding is complete, service is complete and all disconnects are identified, building is electrically “safe”.
20. Final Inspection	Inspection is made when the structure and all work is complete.
21. Certificate of Occupancy	A certificate of occupancy must be issued BEFORE occupying any structure

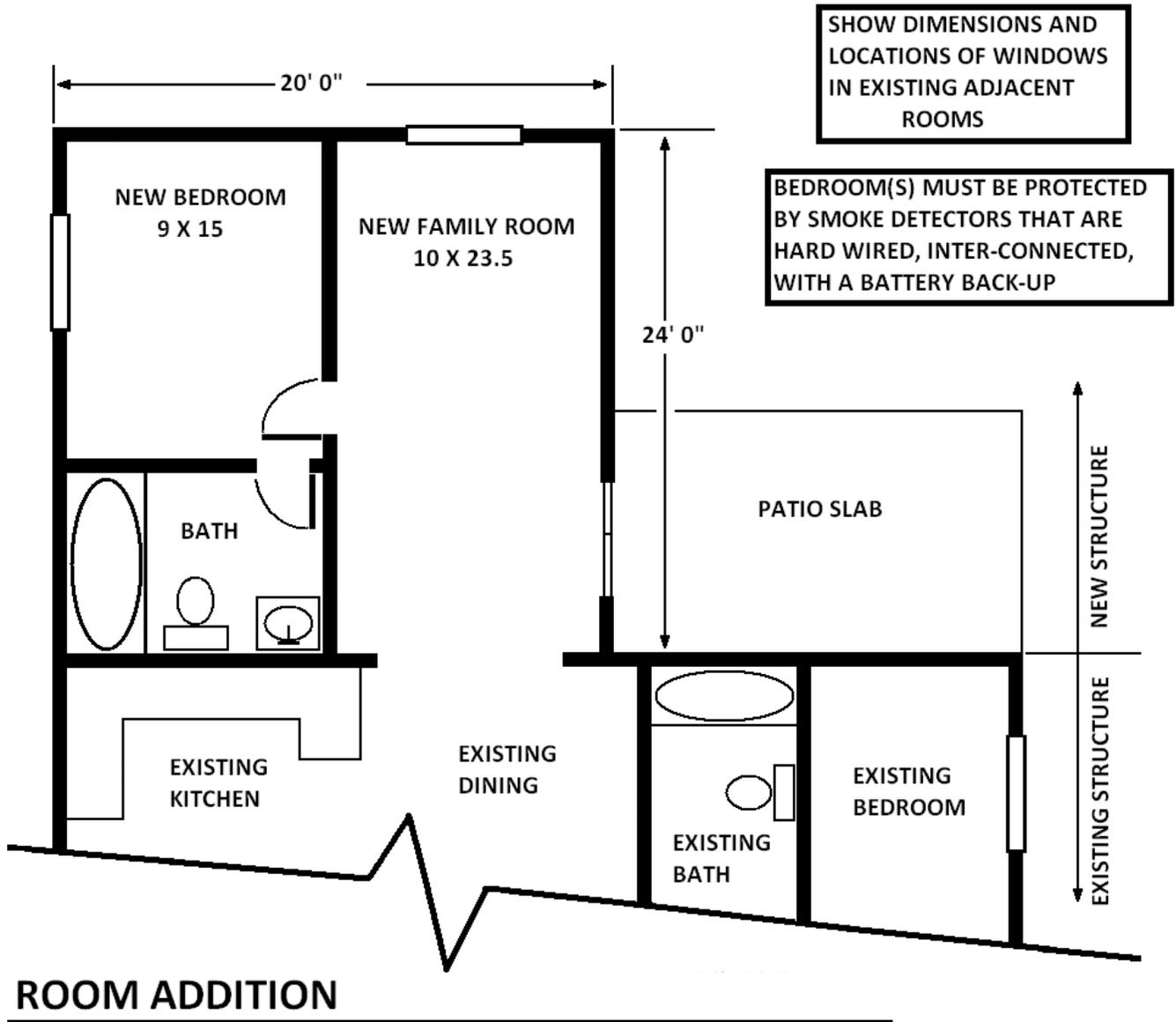
TYPICAL PLOT PLAN



PROVIDE ALL DIMENSIONS SHOWN

NOTE: 1 - IF ANY STRUCTURE IS LOCATED CLOSER THAN 5' TO THE HOUSE, IT IS CONSIDERED ATTACHED AND CANNOT BE CLOSER THAN 5' TO THE SIDE OR 10' TO THE REAR PROPERTY LINES.

TYPICAL FLOOR PLAN



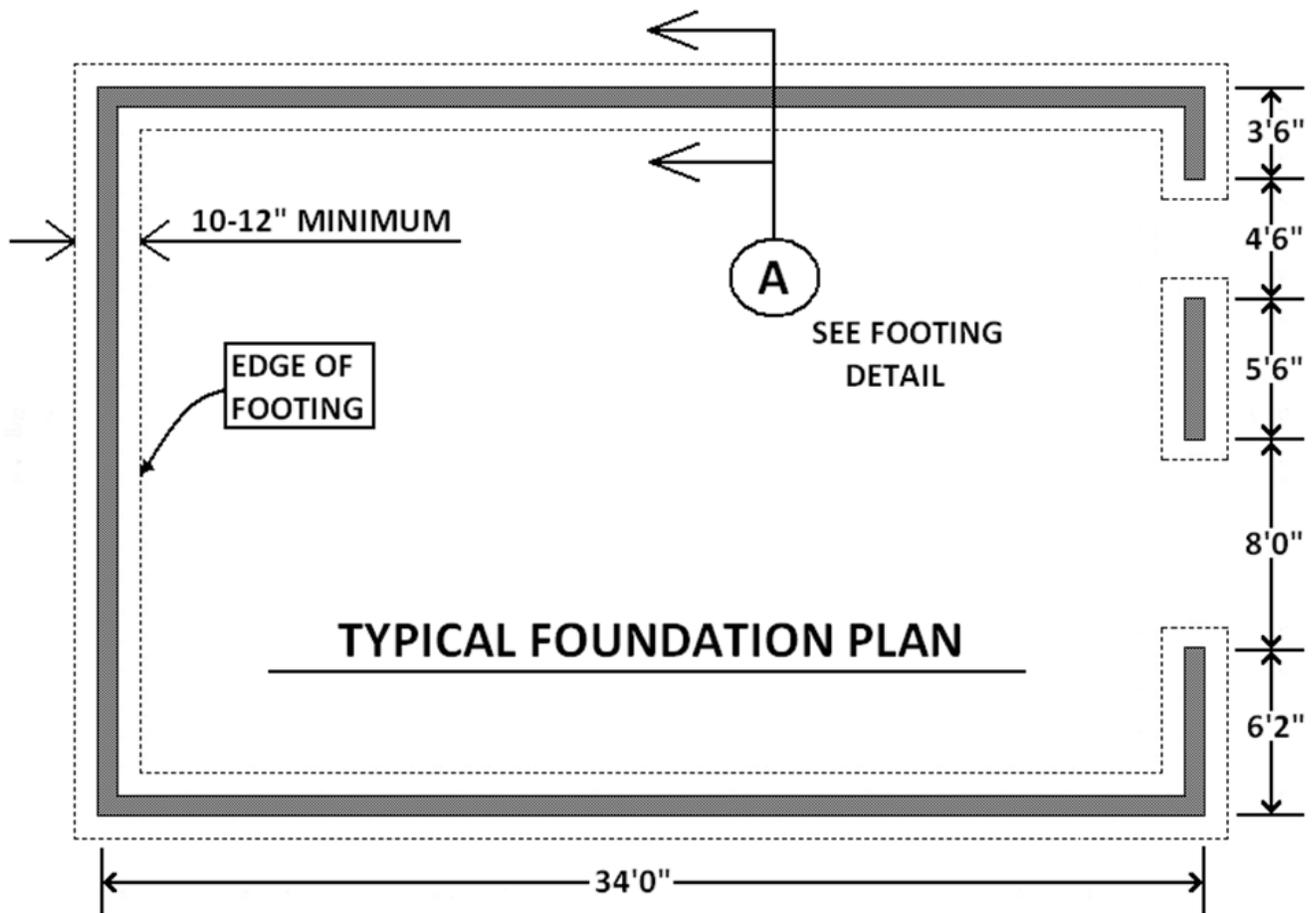
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TYPICAL FOUNDATION PLAN

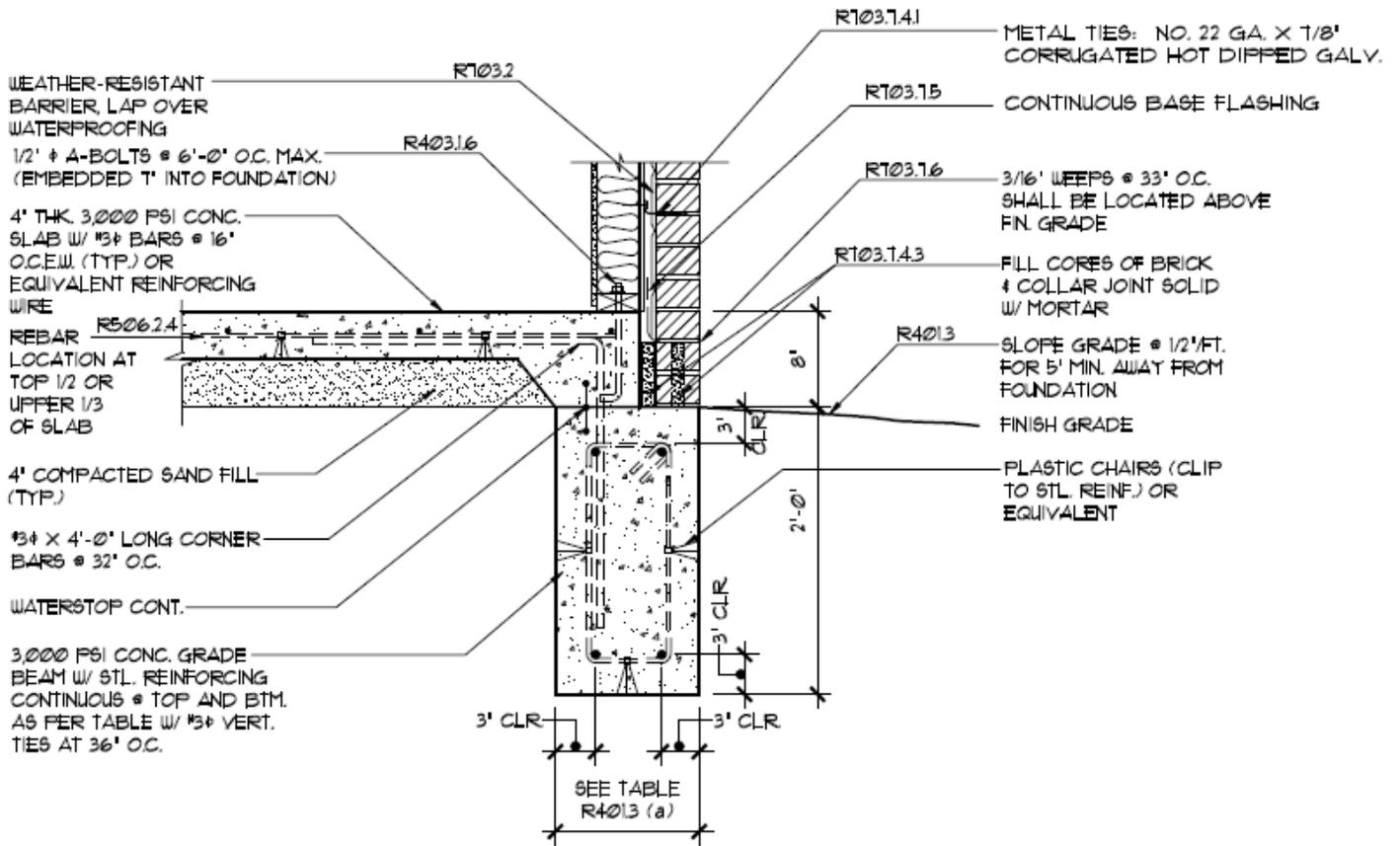
The City of Pampa has adopted the June 2008 edition of the Panhandle Residential Foundation Manual in its entirety.

The Panhandle Residential Foundation manual can be found on the Code Enforcement web-site at <http://www.cityofpampa.org/DocumentCenter/Home/View/1279>

A Typical Foundation Plan is shown below and a typical Foundation Detail follows on the next page.

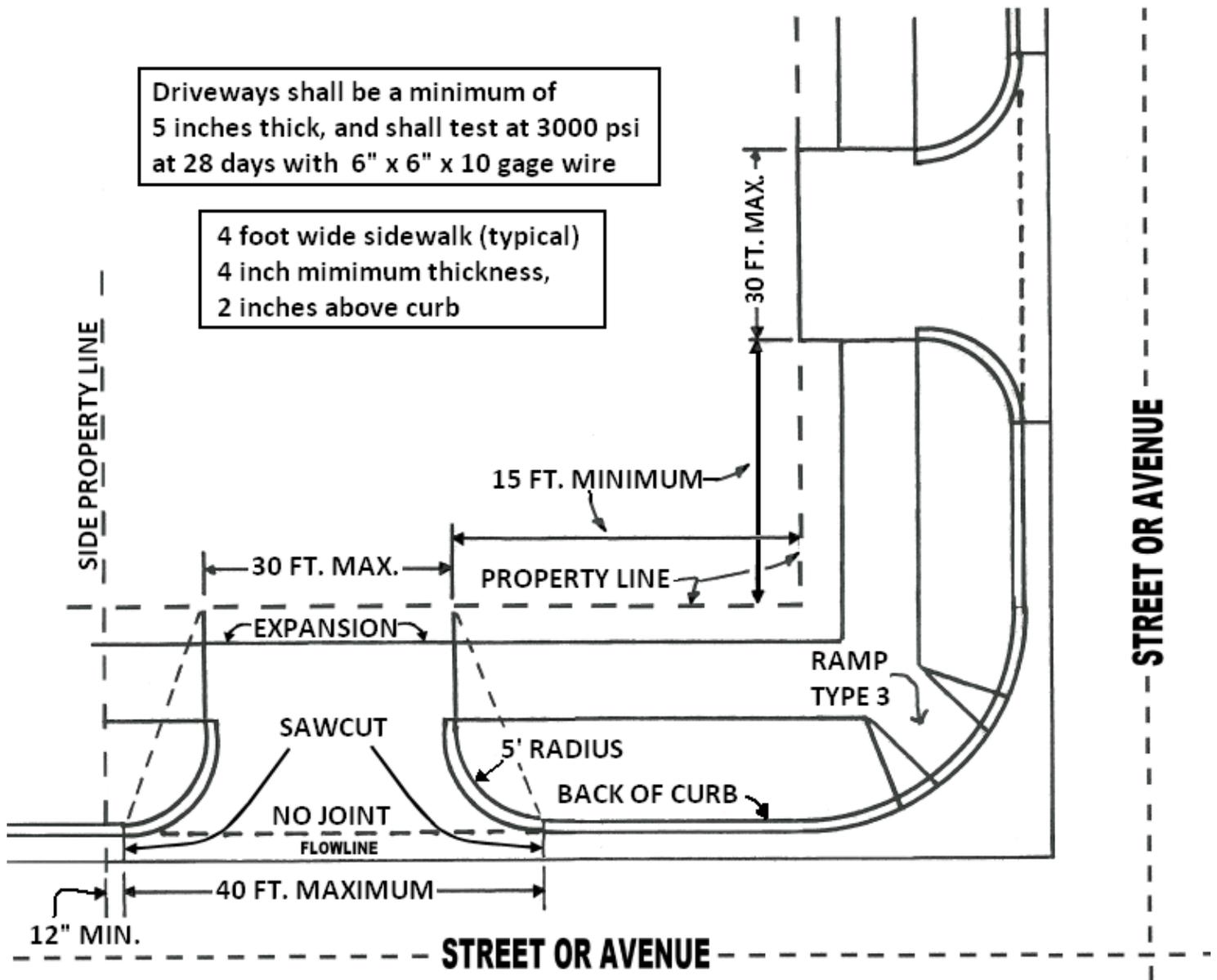


TYPICAL FOUNDATION DETAIL



A POUR SLAB ON GRADE FOOTING

STANDARD DRIVEWAY DETAIL



All concrete must be removed to asphalt

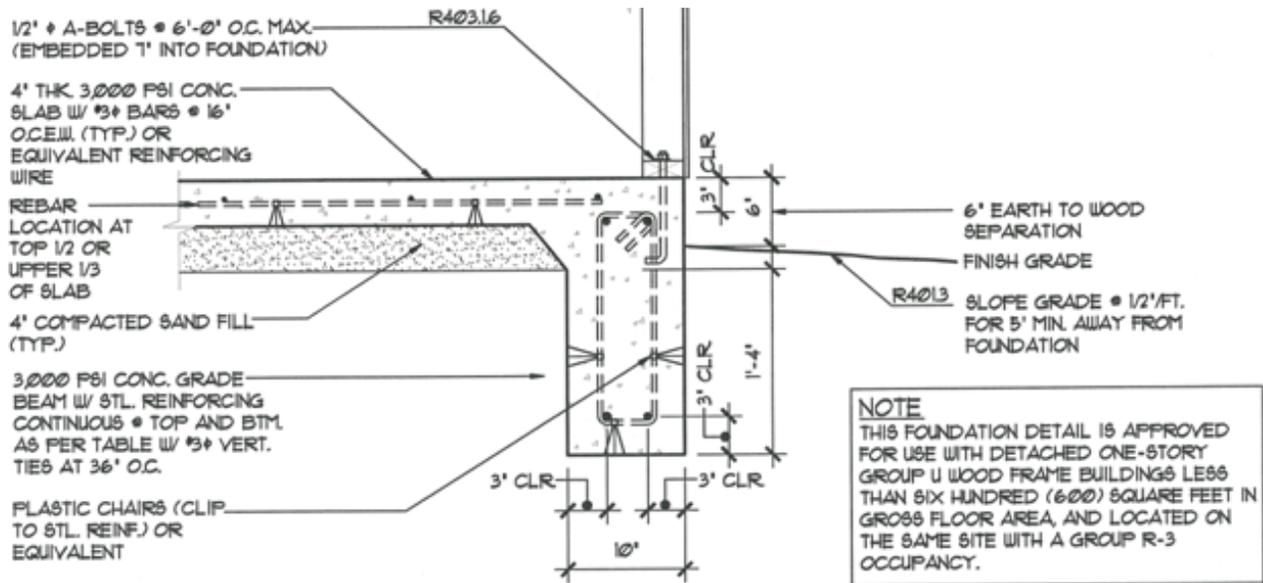
An expansion joint must be installed at the property line

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ACCESSORY BUILDINGS MONOLITHIC SLAB ON GRADE FOOTING

A one story-detached accessory structure that does not exceed 120 square feet in area is exempt from a building permit. However, it must still comply with all set-back requirements.

TYPICAL ACCESSORY FOUNDATION

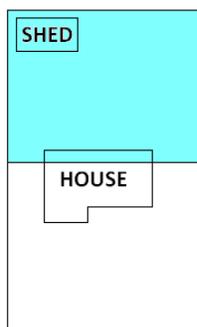
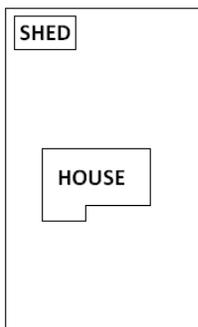


Total development on the rear half (50-percent) of the lot cannot exceed 50 percent of the area in the back half of the lot.

EXAMPLE:

A typical yard of 8000 square feet

Back half of lot equals 4000 square feet

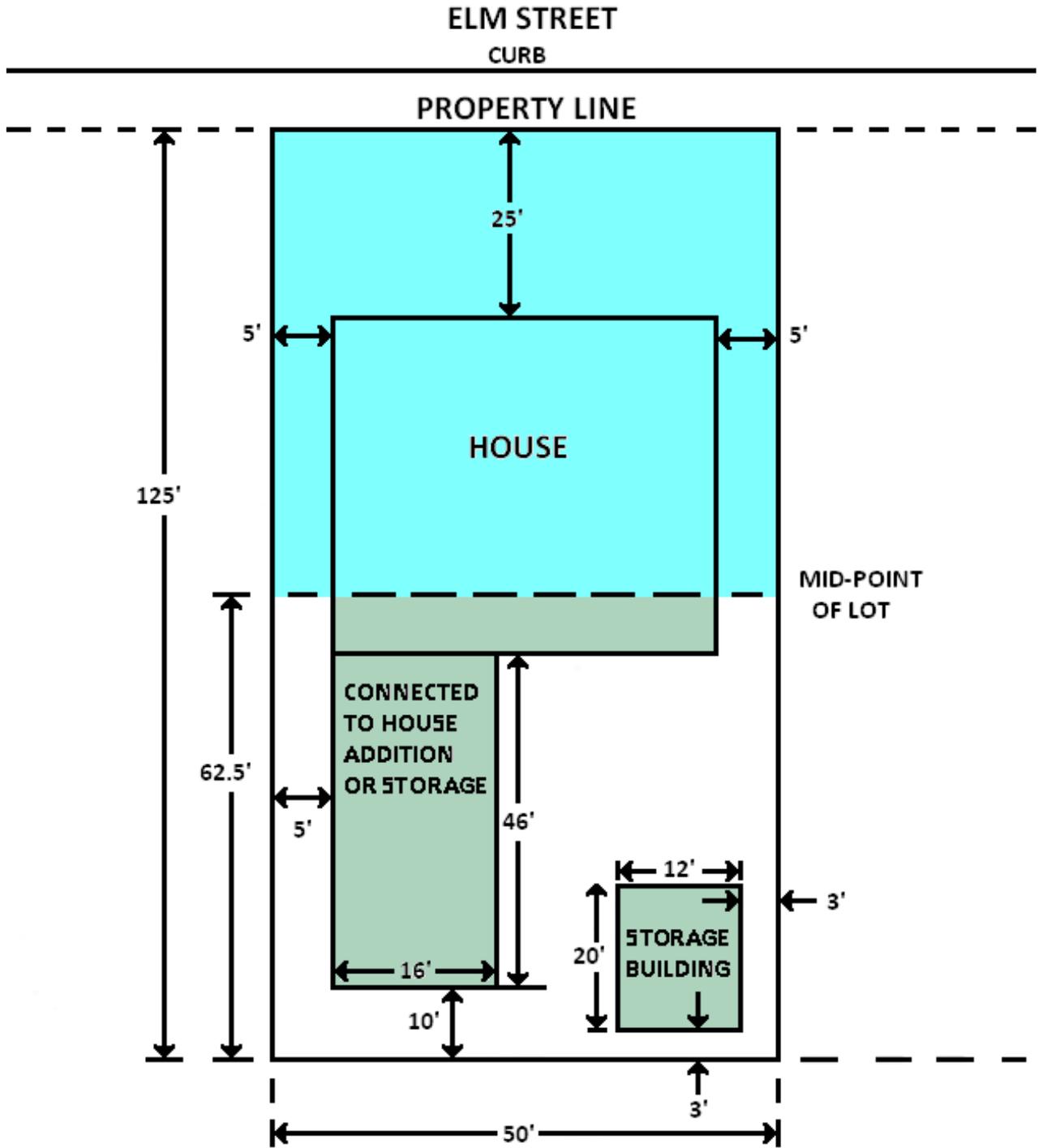


50% rule then allows up to 2000 Sq. Feet of structures on rear half of lot combined from all structures

Shed is 200 square feet
House portion is 400 square feet

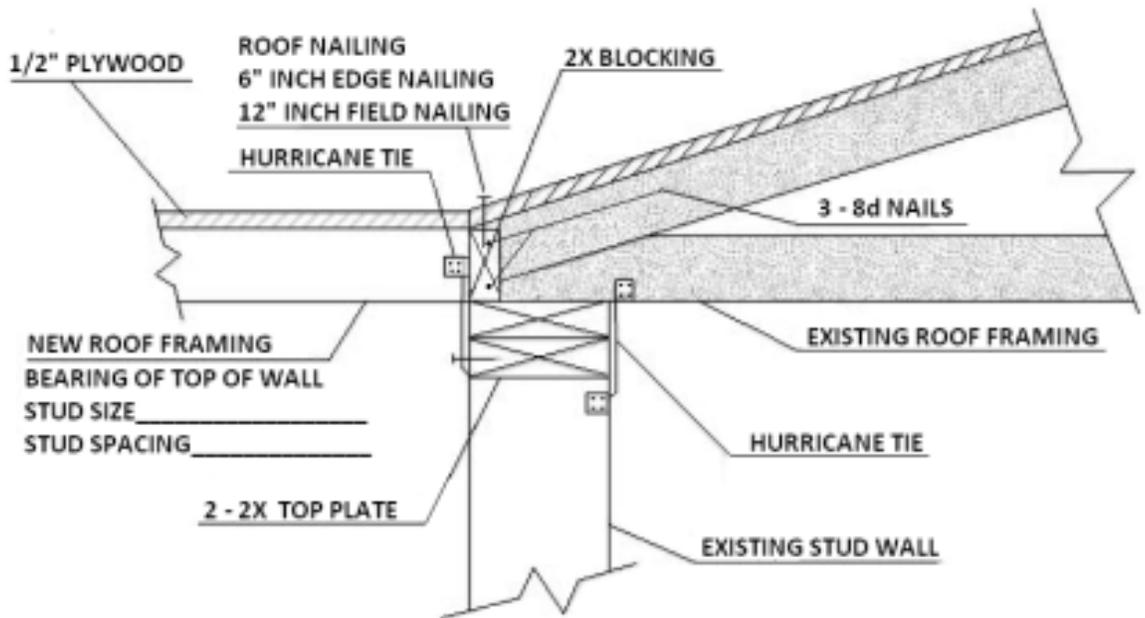
An additional 1400 sq.ft. is allowed

PERCENT REAR YARD RULE

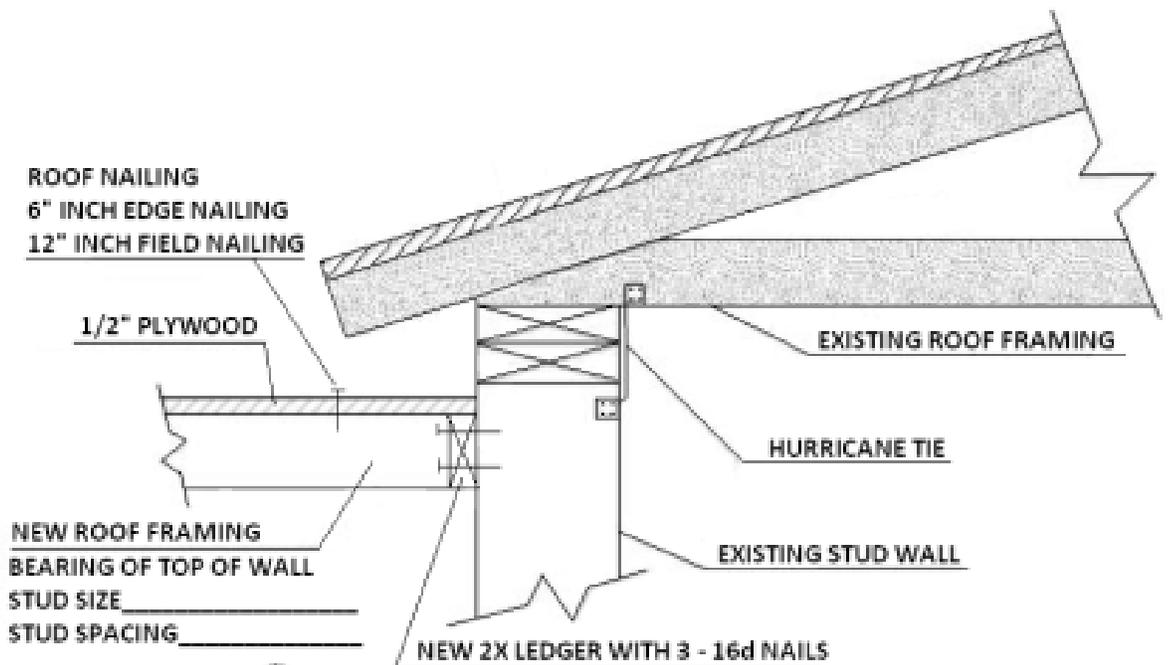


PROVIDE ALL DIMENSIONS SHOWN
CANNOT COVER OVER 50% OF BACK-HALF OF LOT

GENERIC DETAILS

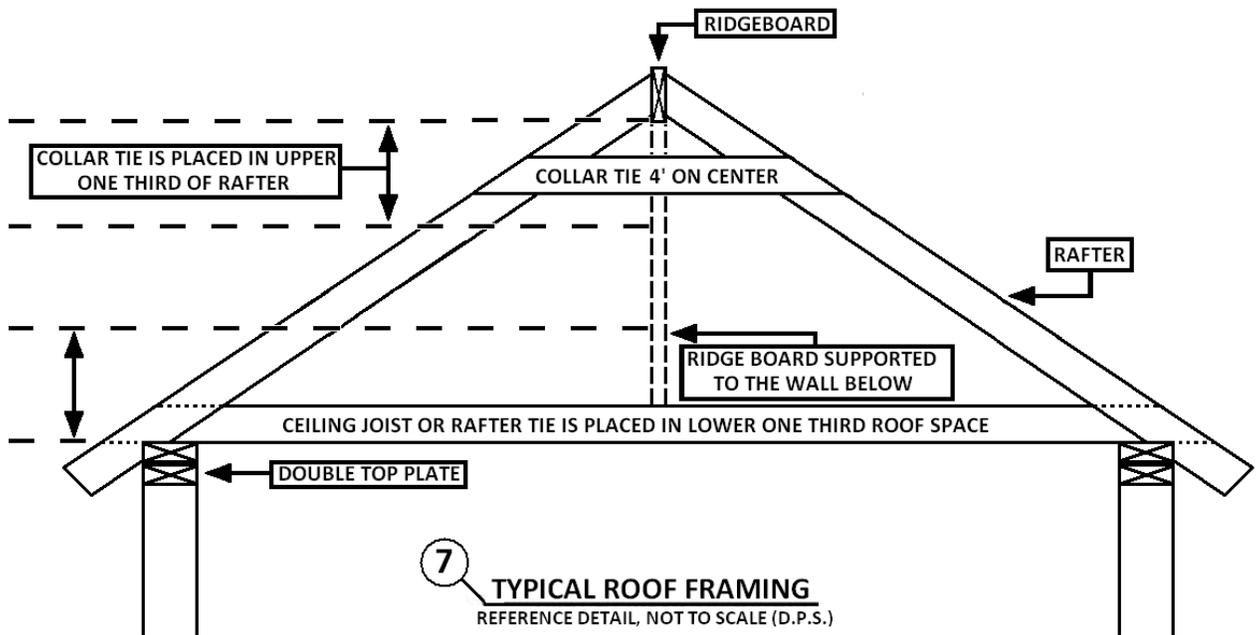
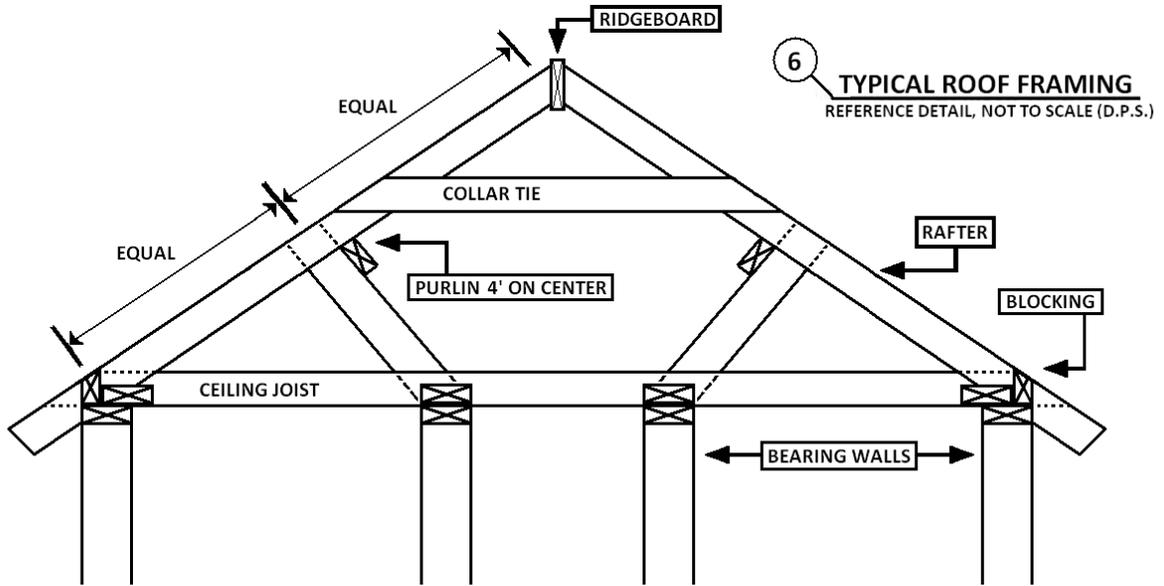


1
NEW ROOF AT EXISTING
REFERENCE DETAIL, NOT TO SCALE (D.P.S.)

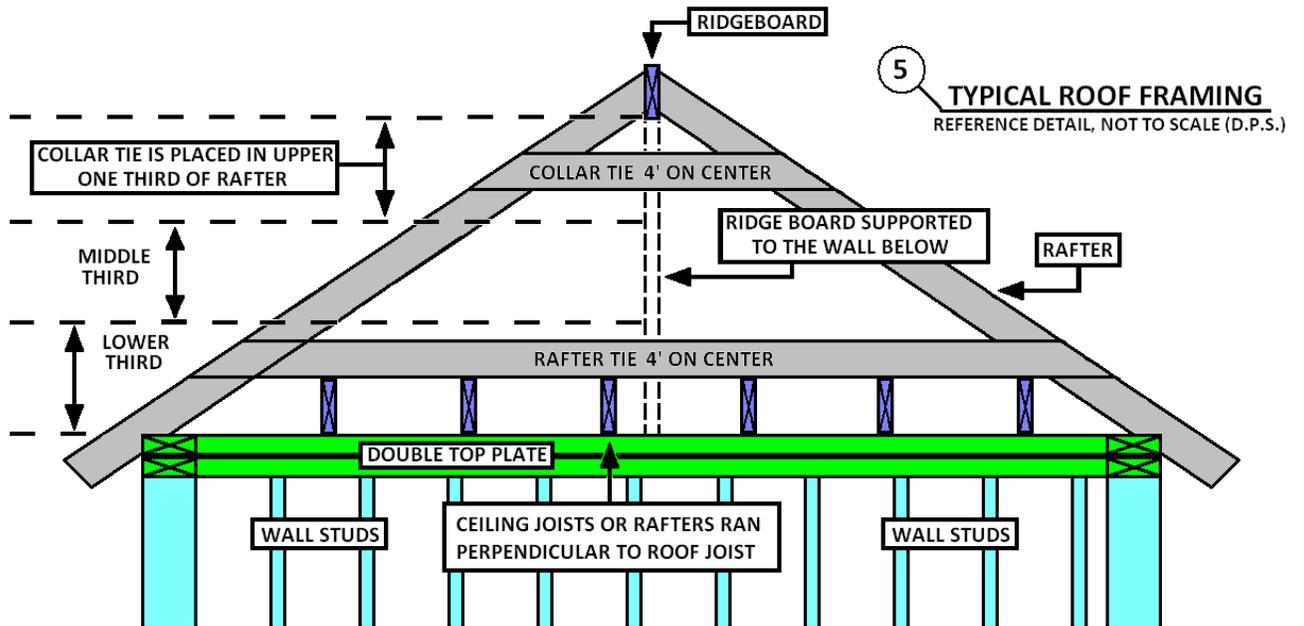


2
NEW ROOF AT EXISTING
REFERENCE DETAIL, NOT TO SCALE (D.P.S.)

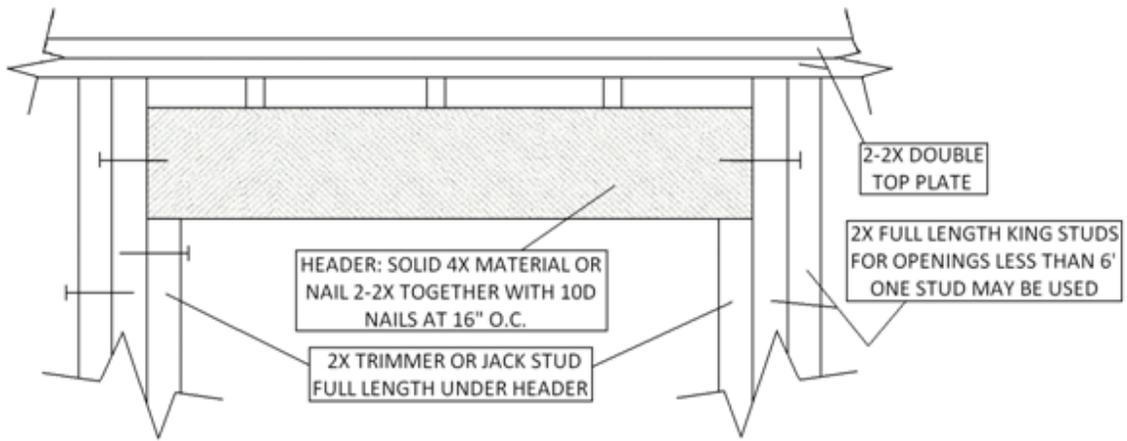
GENERIC DETAILS



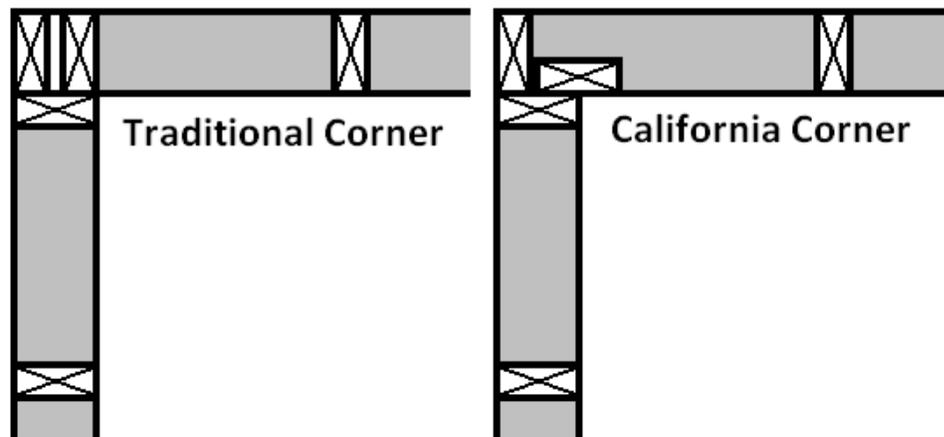
GENERIC DETAILS



GENERIC DETAILS



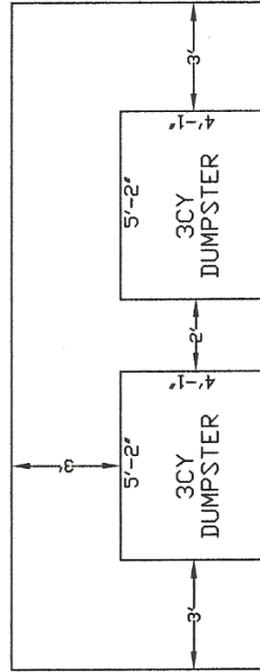
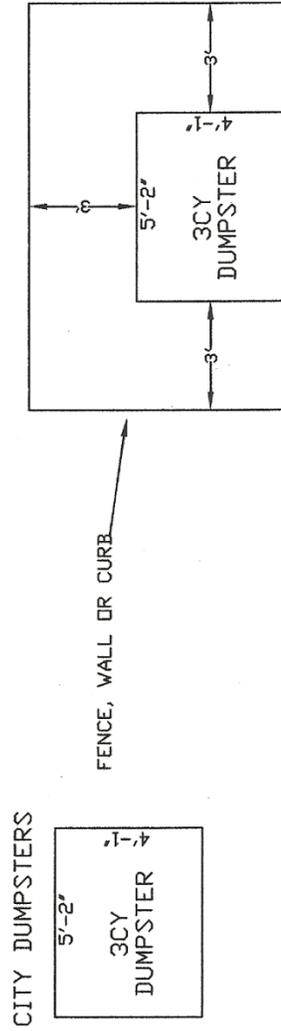
3 **TYPICAL FRAMING AT OPENING**
REFERENCE DETAIL, NOT TO SCALE (D.P.S.)



4 **TYPICAL FRAMING AT CORNERS**
REFERENCE DETAIL, NOT TO SCALE (D.P.S.)

GUIDELINE FOR DUMPSTER AREAS

GUIDELINE FOR DUMPSTER AREAS
3 CY SIDE LOAD ONLY



OWNER/BUILDER NEEDS TO EVALUATE NUMBER OF DUMPSTERS NEEDED. NEED FOR ADDITIONAL DUMPSTERS AT A LATER DATE WILL REQUIRE EXPANSION OF FENCE, WALL OR CURB

City of Pampa PO Box 2499 Pampa, TX 79066-2499 805-669-5740		DUMPSTER LAYOUT TYPICAL	
CITY OF PAMPA		DETAIL DRAWING	
SIZE	FS&I NO.	DRG NO.	REV
A	NA		
SCALE	NTS	DRAWN BY: DFH	SHEET 1 OF 1
ENGINEERING			

USER DONNY REVDATE 08/30/2006 FNAME C:\details\backfill

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LIST OF MATERIAL APPROVED BY THE CITY OF PAMPA WASTEWATER COLLECTION DEPARTMENT

Revised 04-05-13

This is a list of materials that is used and kept in stock by the City of Pampa Wastewater Collection. If you are planning to install or extend our sanitary sewer mains we will need for you to use materials from the approved list below. Using approved materials listed insures that the work to our sanitary sewer system is compatible with our inventory and supply and insures that we have the materials needed to make repairs in the future.

PRODUCT NAME	NOMENCLATURE
SANITARY SEWER MAIN LINE PIPE	8" SCH40 OR SDR26 PVC GASKETED JOINT
SANITARY SEWER MAIN LINE TAPS	8"X8"X4" SCH40 OR SDR26 PVC GASKETED TEE
SANITARY SEWER MANHOLE	60" ID MINIMUM MONOLITHIC CAST-IN-PLACE CONCRETE, FIBERGLASS, PRE-CAST CONCRETE, OR HIGH DENSITY POLYETHYLENE (HDPE). WITH ALL JOINTS SEALED WITH APPROVED SEALANT. CONE SHALL BE AN ECCENTRIC TYPE. MANHOLES SHALL BE INSTALLED NO GREATER THAN 500 FEET APART FOR 8"- 15" LINE. (NO STEPS ALLOWED IN MANHOLES.)

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MANHOLE RING AND LID	RING AND LID SHALL BE MINIMUM 30” LOCKING & GASKETED TYPE. (PAMREX MANUFACTURED BY PAM.)
SANITARY SEWER MANHOLE IN FLOOD ZONE AND /OR REMOTE LOCATIONS.	60” ID MINIMUM MONOLITHIC CAST-IN-PLACE CONCRETE, FIBERGLASS, PRE-CAST CONCRETE, OR HIGH DENSITY POLYETHYLENE (HDPE). WITH ALL JOINTS SEALED WITH APPROVED SEALANT. CONE SHALL BE AN ECCENTRIC TYPE. MANHOLES SHALL BE INSTALLED NO GREATER THAN 500 FEET APART FOR 8”- 15” LINE. (RING AND LID SHALL BE MIN. 24” LOCKING & GASKETED, PRESSURE TIGHT. (PAMTIGHT MANUFACTURED BY PAM.) <u>(NO STEPS ALLOWED IN MANHOLE.)</u>

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PRODUCT NAME	NOMENCLATURE
3/4" STIFFENER	CTS - 1 3/8" LONG MAXIMUM, STAINLESS STEEL WITH SHOULDERS
3/4" MALE COMP ADAPTER	MPT X CTS COMPRESSION - MUELLER # H 15428, FORD C84-33 Q
3/4" FEMALE COMP. ADAPTER	FPT X CTS COMPRESSION - MUELLER ONLY # H 15451
3/4" COMP. COUPLING	CTS COMPRESSION X CTS COMPRESSION - MUELLER # H 15403, FORD C44-33 Q
3/4" METER SETTER	WITH LOCKING WINGS ON ANGLE STOP - 3/4 MPT ENDS - MUELLER ONLY B 2434 R3 3/4 7
3/4" CORP STOP MUELLER THREAD	MUELLER THREAD X CTS COMPRESSION - MUELLER ONLY - # H15008
3/4" CORP STOP PIPE THREAD	PIPE THREAD X CTS COMPRESSION - MUELLER ONLY # H 15028
3/4" BRASS COMPRESSION CONNECTION WITH GASKET	MUELLER 110 OR FORD Q NUT WITH THE RUBBER GASKET SEAL FOR CTS
3/4" COMPRESSION CONNECTION RUBBER GASKET ONLY	MUELLER 110 OR FORD Q NUT ONLY THE RUBBER GASKET SEAL FOR CTS
1" METER SETTER	WITH LOCKING WINGS ON THE ANGLE STOP - MPT ENDS - MUELLER ONLY # B 2434 R-3-101
1" STIFFENER	CTS - 1 3/4" LONG MAXIMUM, STAINLESS STEEL WITH SHOULDERS
1" MALE COMP. ADAPTER	MPT X CTS COMPRESSION - MUELLER # H 154281, FORD C84 -44 - Q
1" FEMALE COMP. ADAPTER	FPT X CTS COMPRESSION - MUELLER ONLY # H 154511
1" COMP. COUPLING	CTS COMPRESSION X CTS COMPRESSION - MUELLER # H 154031, FORD C44 - 44 - Q
1" CORP STOP MUELLER THREAD	MUELLER THREAD X CTS COMPRESSION - MUELLER ONLY - # H 150081
1" CORP STOP PIPE THREAD	PIPE THREAD X CTS COMPRESSION - MUELLER ONLY # H 150281
1 1/2" STIFFENER	CTS - 2 1/4" LONG MAXIMUM, STAINLESS STEEL WITH SHOULDERS
1 1/2" MALE COMP. ADAPTER	MPT X CTS COMPRESSION - MUELLER # H 15428, FORD C 84 - 66 - Q
1 1/2" FEMALE COMP. ADAPTER	FPT X CTS COMPRESSION - MUELLER ONLY # H 15451
1 1/2" COMP. COUPLING	CTS COMPRESSION X CTS COMPRESSION - MUELLER # H 15403, FORD C 44 - 66 - Q
1 1/2" CORP STOP PIPE THREAD	PIPE THREAD X CTS COMPRESSION MUELLER ONLY # H 15023
1 1/2" FLANGE BALL VALVE	FLANGE X PIPE THREAD WITH LOCKING WINGS -

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	MUELLER # B 24337, FORD BF 13 - 666 WR
1 1/2" BRASS METER FLANGE	BRASS METER FLANGE
2" STIFFENER	CTS - 2 1/4" LONG MAXIMUM, STAINLESS STEEL WITH SHOULDERS
2" MALE COMP. ADAPTER	MPT X CTS COMPRESSION - MULLER # H 154282 OR FORD C84 - 77 - Q
2" FEMALE COMP. ADAPTER	FPT X CTS COMPRESSION MUELLER ONLY # H154512
2" COMP. COUPLING	CTS COMPRESSION X CTS COMPRESSION - MUELLER # 154032, FORD C 44 - 77 - Q
2" CORP. STOP PIPE THREAD	MPT X CTS COMPRESSION - MUELLER ONLY # H 150232
2" FLANGE BALL VALVE	FLANGE X FPT WITH LOCKING WINGS - MUELLER B 24337R32, FORD BF 13 - 777 WR
2" BRASS METER FLANGE	BRASS METER FLANGE
5/8" X 3/4" METER	3/4" I PERL WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
1" METER	70MI04ST1G26 1" I PERL 10-3/4, 2 WIRE TR/PL. 1G, 6; WIRE WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
1 1/2" METER	1 1/2" OMNI R2, 1 GALLON, WITH STRAINER AND TEST PORT WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
2" METER	2" OMNI R2, 1 GALLON, WITH STRAINER AND TEST PORT, 17" WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
3" TURBINE METER	3" OMNI, WITH STRAINER AND TEST PORT WITH 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
4" TURBINE METER	4" OMNI, WITH STRAINER AND TEST PORT 74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
MXU WATER ENDPOINTS METER TOUCHCOUPLER TR/PL ADAPTOR	74XU520M1TCHRLD - 520 M XU, 1 PORT, TC HOURLY READ, LEAK DET
ALL BRASS METER FLANGE	(WIRE SHOULD BE PROVIDED WITH THE METER)
REDUCED PRESSURE ZONE	4" BRASS METER FLANGE WITH IP THREADS
WATER MAIN LINE REPAIR CLAMPS	WILKINS RPZ # 975, OR #375 NO LEAD
PIPE COUPLINGS DRESSER SLEEVES	(must be 20 gauge shell) SMITH BLAIR 261 OR 262 OR POWER SEAL 3121AS OR 3122AS TO FIT PIPE OD (SIZE)
	DUCTILE IRON, EPOXY COATED WITH STAINLESS STEEL BOLTS

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MAIN SIZE" X 3/4" TAPPING SADDLE FOR C-900	ALL STAINLESS STEEL - SINGLE BOLT - 3/4" C.C. THREAD - ROMAC, SMITH BLAIR OR POWER SEAL
MAIN SIZE" X 1" TAPPING SADDLE FOR C-900	ALL STAINLESS STEEL - SINGLE BOLT - 1" C.C. THREAD - ROMAC, SMITH BLAIR OR POWER SEAL
MAIN SIZE" X 2" TAPPING SADDLE FOR C-900	ALL STAINLESS STEEL - DOUBLE BOLT - 2" NPT - ROMAC, SMITH BLAIR OR POWER SEAL
MAIN SIZE" X 10" X SIZE" TAPPED BAND C-900	IRON PIPE THREADS (must be 20 gauge shell) - SMITH BLAIR 264, OR POWER SEAL TO FIT PIPE OD C-900
MJ GASKET	
MJ TRANSITION GASKET FOR SCH 40	MJ X PVC TRANSITION GASKET
MEGALUG	EBAA IRON SERIES 2000 PV FOR C-900
MAIN LINE TAPPING SLEEVE - ALL SS WITH MJ OUTLET	2 PEACE ALL STAINLESS STEEL WITH REMOVABLE (ANTI-GALL) BOLTS, WITH MJ OUTLET AND FULL 360 RUBBER SEAL - POWER SEAL - 3490MJ, MUELLER H-304, FORD FTSS OR APPROVED EQUIVALENT
M.J. X FLANGE OR TAPPING MAIN LINE GATE VALVE	MUELLER OR AVK SERIES 45 EPOXY COATED, RESILIENT WEDGE, HUB, OPEN LEFT,
MJ MAIN LINE GATE VALVE	MUELLER OR AVK SERIES 45 EPOXY COATED, RESILIENT WEDGE, HUB, OPEN LEFT
FLANGE MAIN LINE GATE VALVE	MUELLER OR AVK SERIES 45 EPOXY COATED, RESILIENT WEDGE, HUB, OPEN LEFT
ALL M.J. FITINGS	DUCTILE IRON C-153
FLANGED FITTINGS	DUCTILE IRON C-153
VALVE BOX LID	TYLER WATER LID
TALL VALVE BOX COMBO	TYLER # 562-S HD, DOMESTIC, STAR OR SIGMA. WITH LID (WATER) THIS MUST BE THE THICK CAST BOX OR IT WILL NOT BE ACCEPTED. THIN WALL BOX IS UNACCEPTABLE
SHORT VALVE BOX COMBO	TYLER # 461-S HD, DOMESTIC, STAR OR SIGMA. WITH LID (WATER) THIS MUST BE THE THICK CAST BOX OR IT WILL NOT BE ACCEPTED. THIN WALL BOX IS UNACCEPTABLE
VALVE BOX EXTENSION TYLER 69 2.5" - 9"	TYLER # 69 HD, DOMESTIC, STAR OR SIGMA. WITH LID (WATER) THIS MUST BE THE THICK CAST BOX OR IT WILL NOT BE ACCEPTED. THIN WALL BOX IS UNACCEPTABLE
VALVE. BOX EXTENSION TYLER 59 18"	TYLER # 59 HD, DOMESTIC, STAR OR SIGMA. WITH LID (WATER) THIS MUST BE THE THICK CAST BOX OR IT WILL NOT BE ACCEPTED. THIN WALL BOX IS UNACCEPTABLE

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FIRE MJ HYD.	MUELLER A 423 SUPER CENTURION, OR AVK SERIES 2700 OPEN L., 6" MJ SHOE, PENTANGLE OP. NUT
18X18 18" DEEP METER BOX FOR 5/8 METERS	EAST JORDAN IRON WORKS - 34p-18" DEEP W/CAST LID
18X18 24" DEEP METER BOX FOR 5/8 METERS	EAST JORDAN IRON WORKS - 34p- 24" DEEP W/CAST LID
18X24 18" DEEP TAPERED METER BOX FOR 1" METERS	EAST JORDAN IRON WORKS - 34p-18" X 18 "X 24D" DEEP W/CAST LID
18X24 24" DEEP TAPERED METER BOX FOR 1" METERS	EAST JORDAN IRON WORKS - 34p-18" X 24" X 24D" DEEP W/CAST LID
AP METAL METER BOX LID FOR PLASTIC BOXES	CAST IRON LIDS (AP) WITH LOCK, DRILLED FOR MXU WATER ENDPOINTS
WATER MAIN LINE PIPE	C-900 DR -18
WATER MAIN LINE RESTRAINED PIPE	C-900 DR -18
SERVICE LINE POLY PIPE	MUNICIPAL GRADE COPPER TUBING SIZE POLY PIPE
2" AIR RELEASE / AIR RELIEF COMBINATION VALVE	2" PIPE THREAD, CAST IRON BODY, ALL STAINLESS STEEL MECHANISM,PRESSURE RANGE OF 0-100)
4' X 6' GAL STEEL CAN FOR AIR RELEASE VALVES	16 GAUGE GALVANIZED CORRUGATED STEEL CAN WITH 14 GAUGE GALVANIZED LID WITH 1" LIP AROUND THE EDGE, HINGED LOCKABLE LID WELDED TO THE CAN. ALL PARTS MUST BE GALVANIZED
VALVE BOX MARKERS	PART # CBM 207201 - 72" WHITE CARSONITE INTERNATIONAL 1-800-648-7917

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COMMON CODE ENFORCEMENT QUESTIONS

Question 1 How deep do gas and water lines need to be?

Answer Water – 24 inches to top of the pipe.

Gas – 18 inches to the top of pipe.

Water and gas may be buried together in same ditch.

Question 2 Do I need a permit to set a manufactured home in the Pampa City Limits?

Answer Yes, you do need a permit. Please call 806-669-5740 for more information.

Question 3 Can I do electrical, plumbing, heating and air conditioning work on my house?

Answer Yes, if you own and occupy the house as your homestead. If the property where the work is to be done is either rental property or commercial property, you will need to hire a licensed and bonded electrician, plumber or HVAC contractor.

Question 4 Do I need a permit to install a water heater?

Answer Yes, a permit is required. The new water heater is also inspected to ensure the safety of the installation.

Question 5 Do I need a permit to install a new driveway?

Answer You need a permit only if you are removing the curb or replacing the approach area. An inspection must be done before any concrete is poured.

Question 6 Do I need a permit to install a fence?

Answer No, you do not. There are maximum allowable heights in the front and rear yards, and special conditions for corner lots, and the fence cannot be in any right of way. Call this department for more information at 806- 669- 5740 for more information.

Question 7: Do I need a permit to put a storage building on my property?

Answer If it is a 1-story, detached, residential accessory building with 120 or less of floor area, you do not need a building permit. Regardless of the size, all buildings must

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comply with setback requirements. Call Code Enforcements for information on the setback requirements or other questions