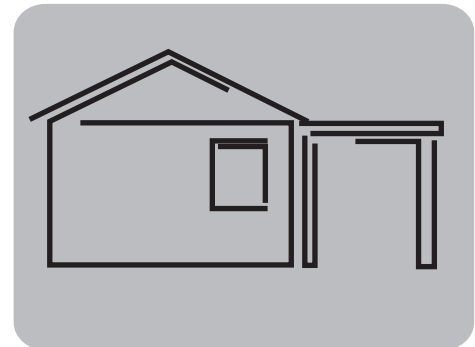
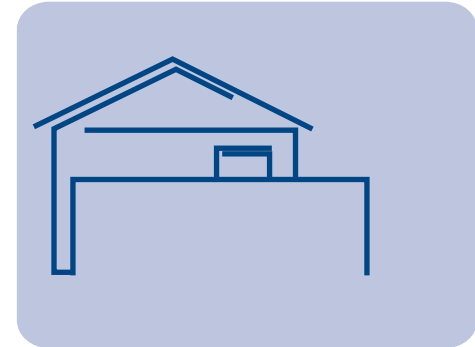


Residential Masonry Fence/Wall Details



This standard applies to ONLY residential properties located south of Shea and west of 122nd Street.

Don't live within these boundaries?
Engineered plans may be required.

See the One Stop Shop for more details,
or call 480-312-2500.





**CITY OF SCOTTSDALE
SUBMITTAL
REQUIREMENTS
FOR RESIDENTIAL
SIX (6) FOOT MASONRY
WALLS**

This standard includes the minimum requirements for construction of residential masonry walls and fences on single-family residential lots located south of Shea Blvd and west of 122nd street. A building permit is required for the construction of new masonry walls three (3) feet or taller-or for the replacement of an existing fence. This standard does not include the construction of retaining walls. This should not be considered a complete list of code requirements. Inspections must be passed before the work is considered completed by the City of Scottsdale.

A. LOCATION

Fences, retaining walls and associated footings are permitted to be constructed on/or within property lines. The city of Scottsdale does not get involved in property line disputes related to fence and footing locations or fence ownership. These disputes are civil matters and must be resolved between the concerned parties. Walls and fences shall not exceed 3 ft. in height located within the required front yard. The fence height is measured from natural grade on the inside of the enclosure.**NOTE: setbacks are measured from property line.**

Planning and Zoning	480-312-7083
Request Line	480-312-5796
Development Services	480-312-2500
Inspection Services	480-312-5750

B. PERMIT AND PLAN REQUIRMENTS

1. Provide a plot plan (see attached example) showing the street(s), property lines, lot dimensions, location of all existing structures and the location of the fence. List the lineal footage of the fence to be built. You may contact the City Records Department (480-312-2356) to verify if there is an existing site plan on file for your property. If one is not available, you may obtain a copy of your subdivision lot showing the lot dimensions and any easements on your property.
2. The attached building plans are for your use. You cannot exceed the fence/wall height dimensions that are shown.

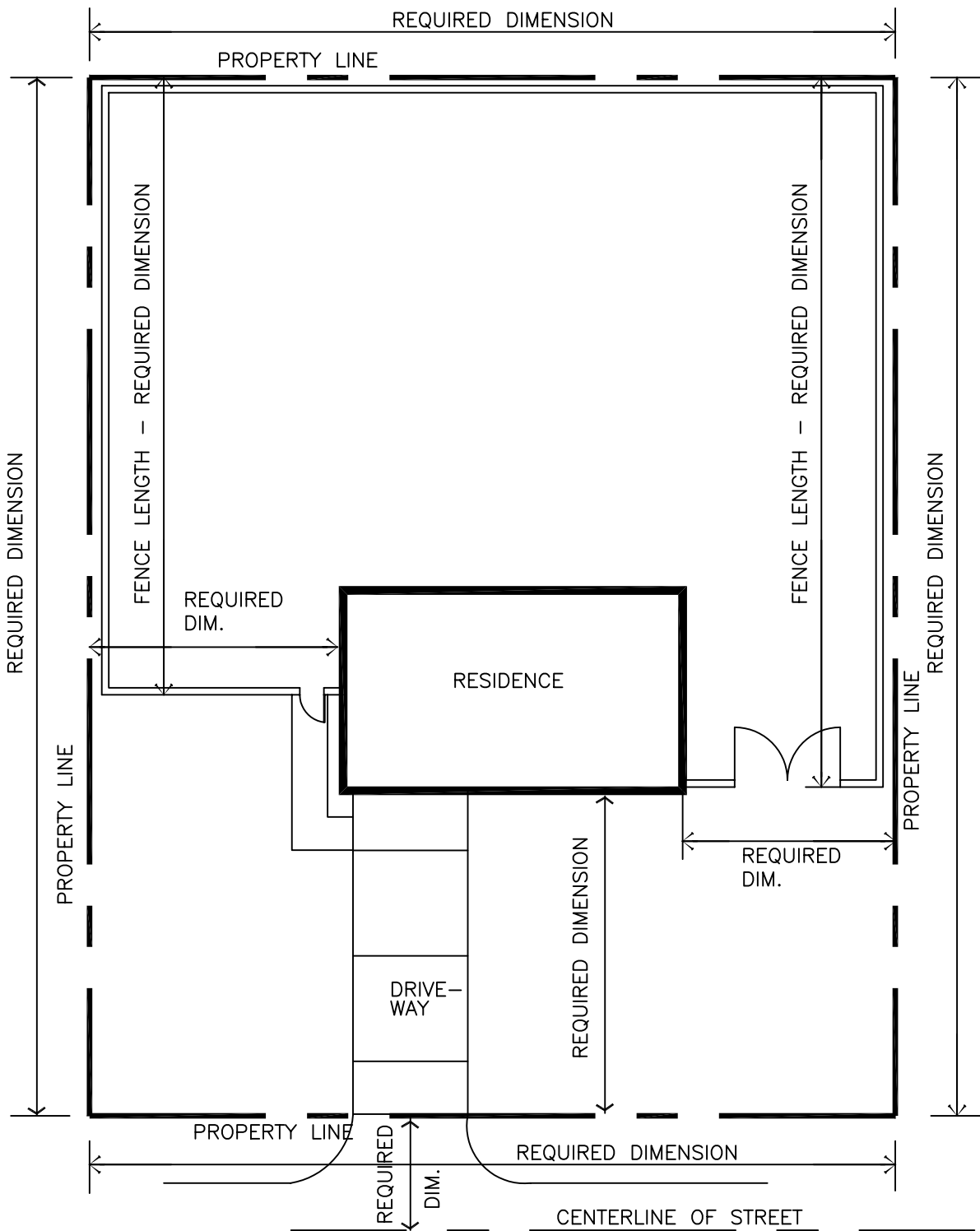
C. INSPECTION REQUIREMENTS

You will receive an inspection card that lists in detail the required inspections. The following list is for your information and may vary depending on what you will be including in your building.

1. A fence footing inspection.
2. A masonry grout inspection
3. A masonry bond beam inspection
4. A fence final

ABBREVIATIONS:

- P.U.E. = PUBLIC UTILITY EASEMENT**
- W/N=WITHIN**
- O.C=ONCENTER**
- PRESS.=PRESSURE TREATED**



PROVIDE :
 ADDRESS AND
 ASSESSORS PARCEL
 NUMBER OF
 PROJECT

DIMENSIONS OF
 PROPERTY AND
 EASEMENTS
 AVAILABLE FROM
 RECORDS DEPT.
 DIMENSIONS FROM
 PROPERTY LINES
 AND ALL EXISTING
 STRUCTURES,
 WALLS AND
 SWIMMING POOLS

SHOW LOCATION
 AND SIZE OF ALL
 DRAINAGE
 OPENINGS
 IN BLOCK WALLS

TYPICAL SITE PLAN



FEMA BLOCK

Flood Insurance Rate Map (FIRM) Information

Community No.	Panel No.	Suffix	Date of FIRM	FIRM Zone	Base Flood Elev.	(In AO zone, give depth and velocity)
	Date					

(For Areas Under Study Or Preliminary F.I.R.M.)

Source of Map	Date of Map	Flood Zone	Base Flood Elevation	(In AO Zone, give depth and velocity. No habitable floors are permitted below lowest floor elevation)
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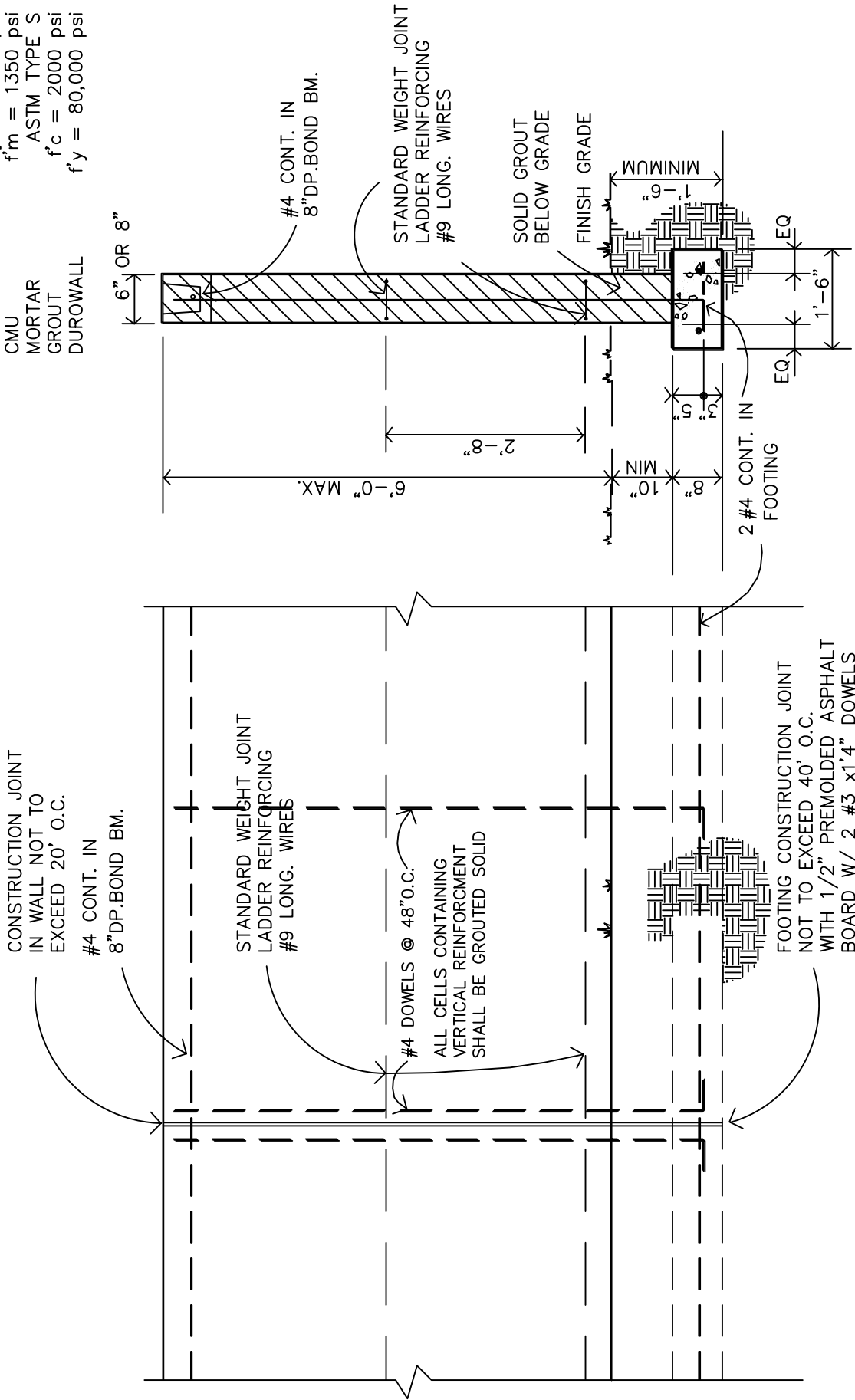
6" or 8" MASONRY FENCE WALL

MINIMUM STANDARD

CITY OF SCOTTSDALE

MATERIALS :

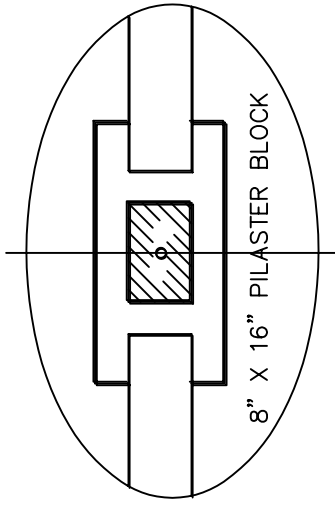
- CONCRETE REINFORCING CMU MORTAR GROUT DUROWALL
- $f'_c = 2000$ psi
- $f_y = 40,000$ psi
- $f'_m = 1350$ psi
- ASTM TYPE S
- $f'_c = 2000$ psi
- $f_y = 80,000$ psi



ELEVATION

SECTION

DETAIL
AT
PILASTER



8" X 16" PILASTER BLOCK

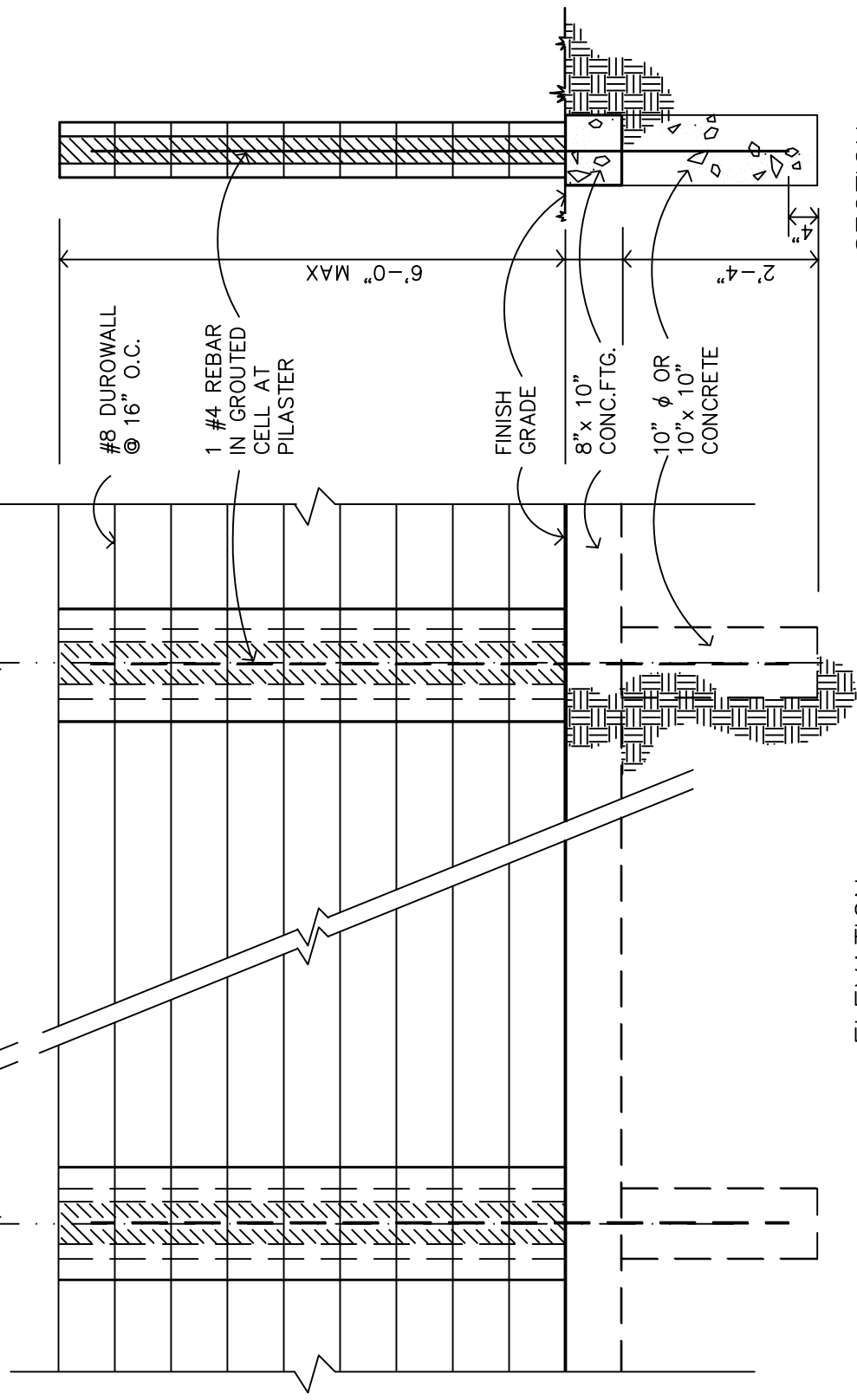
∅ PILASTER
9' -4" O.C. MAX

4" MASONRY FENCE

(DOOLEY FENCE)

MATERIALS :

- CONCRETE $f'_c = 2500$ psi
- REINFORCING $f_y = 40,000$ psi
- CMU $f'_m = 1350$ psi
- MORTAR ASTM TYPE S
- GROUT $f'_c = 2000$ psi
- DUROWALL $f'_y = 80,000$ psi



ELEVATION

SECTION