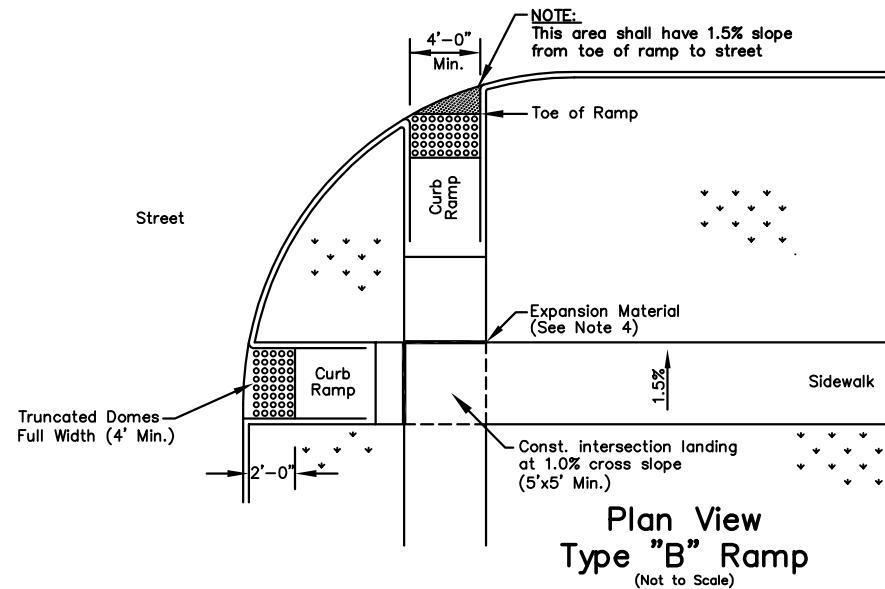


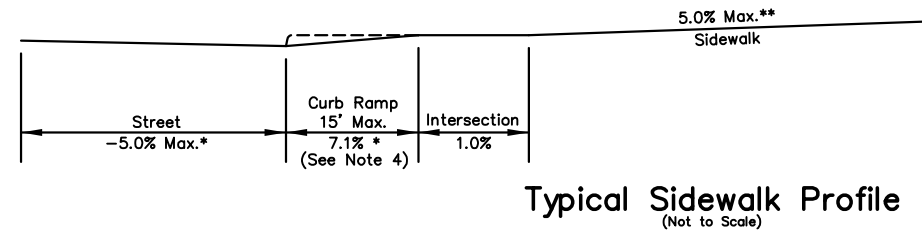
**Plan View  
Type "A" Ramp**  
(Not to Scale)

**NOTES:**

1. For areas where there is pedestrian traffic perpendicular to ramp construct flared sides with 8.3% slope max.
2. Landings shall be 5-ft. wide min. both ways. If width of ramp run leading to landing is wider, landing shall be widened to match ramp or sidewalk run.
3. When possible, curb ramp should be limited to a length of 15-ft. A 5-ft. landing must be constructed at the top of curb ramp run. Construct ramps at 7.1% maximum slope for City of Enid projects. Ramp slope may be increased to 8.3% or 12:1 with approval of the engineer if field conditions dictate a necessity.
4. Place expansion joint at back of curb or at intersection using (3) 3/8" dowels 12" long. Tie sidewalk to existing concrete using #3 rebar at 24" C-C.
5. Construct all sidewalks with 1.5% cross slope. If field conditions dictate otherwise cross slope may be increased to 2.0% max. with approval of engineer.
6. All ramps must comply with most current version of federal ADA guidelines for right-of-way or shall be removed and replaced at the contractors expense.
7. All curb ramps shall be wholly contained within the crosswalk.
8. Truncated domes shall be cast iron, CASTinTACT, cast in place by ADA Solutions or approved equal.
9. Ramps and landings with drop-offs shall have curbs, walls, railings or projecting surfaces that prevent people from slipping off ramp. Curbs shall be a min. of 2".



**Plan View  
Type "B" Ramp**  
(Not to Scale)

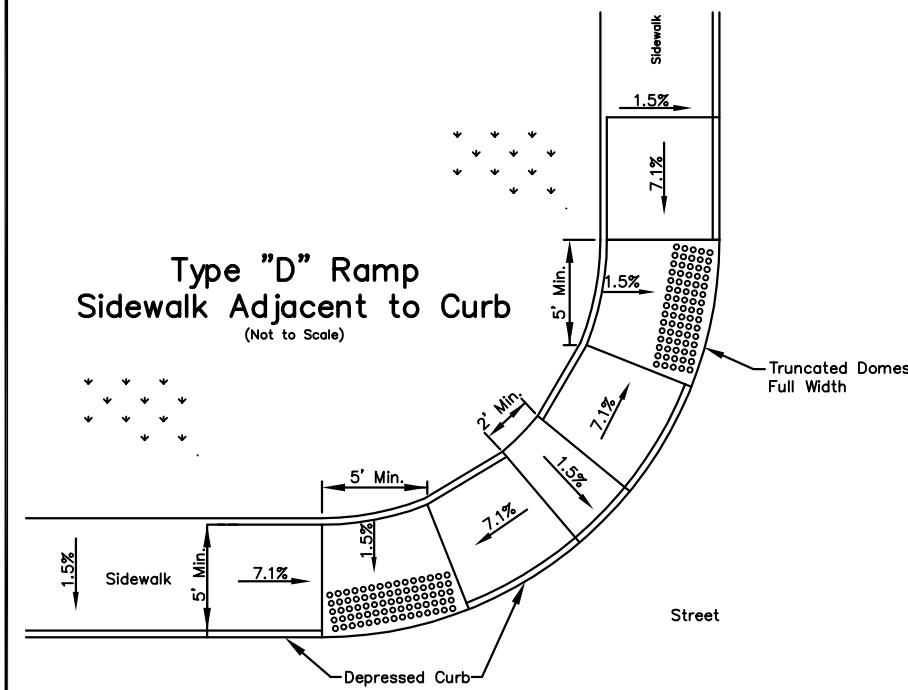


**Typical Sidewalk Profile**  
(Not to Scale)

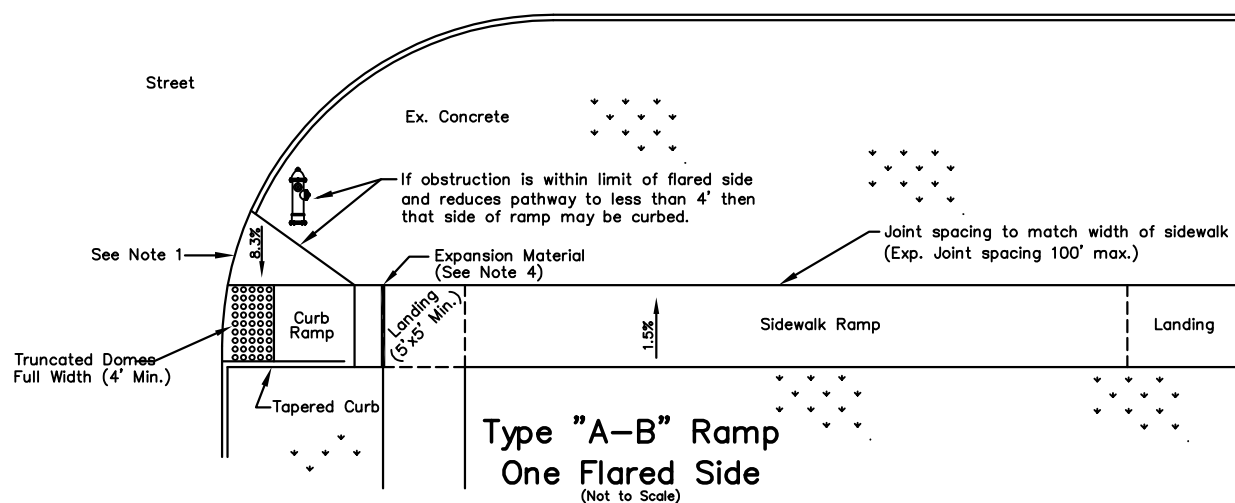
\* Algebraic difference between any grades may not exceed 13.0% or a 24" section shall be provided between excessive grade change.

\*\* Sidewalk grade will typically be controlled by grade of adjacent road.

**Type "D" Ramp  
Sidewalk Adjacent to Curb**  
(Not to Scale)



A min. 5'x5' landing shall be provided at the top and/or bottom of ramp when a change in direction occurs. All landings shall be outside of the vehicular travel path. (eg. A mid-radius ramp)

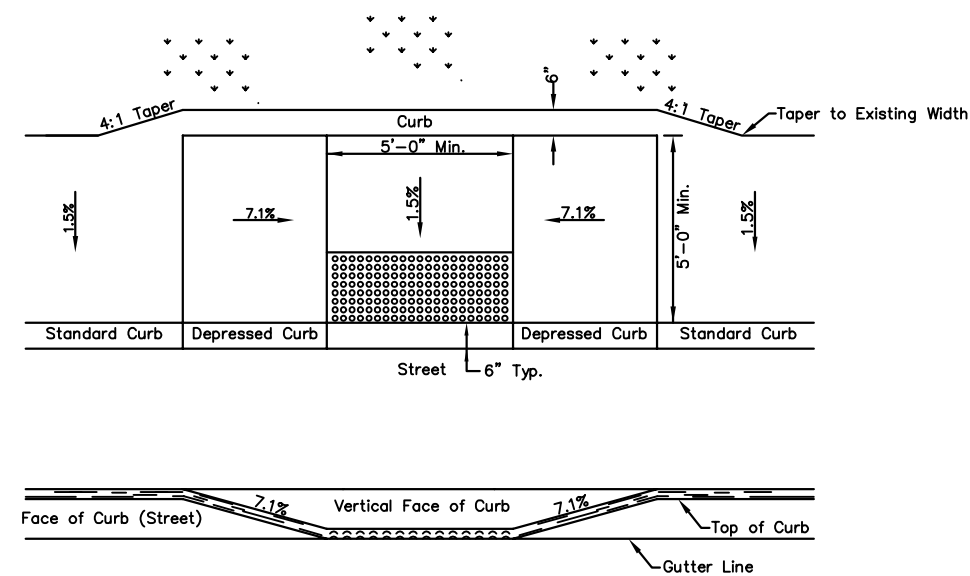


**Type "A-B" Ramp  
One Flared Side**  
(Not to Scale)

**Note:** If the sidewalk ramp run has a rise of greater than 6" or a horizontal projection of more than 72" then it shall have handrails on both sides. Curb ramps do not require handrails.



**Sidewalk Ramp Profile**  
(Not to Scale)



**Parallel Curb Ramp**  
(Not to Scale)

The City Of Enid  
401 West Owen, K. Garrett Road  
Enid, Oklahoma 73702  
Tel: (960) 234-0400 Fax: (960) 234-8946  
Contact:  
Tom Casen, Project Manager

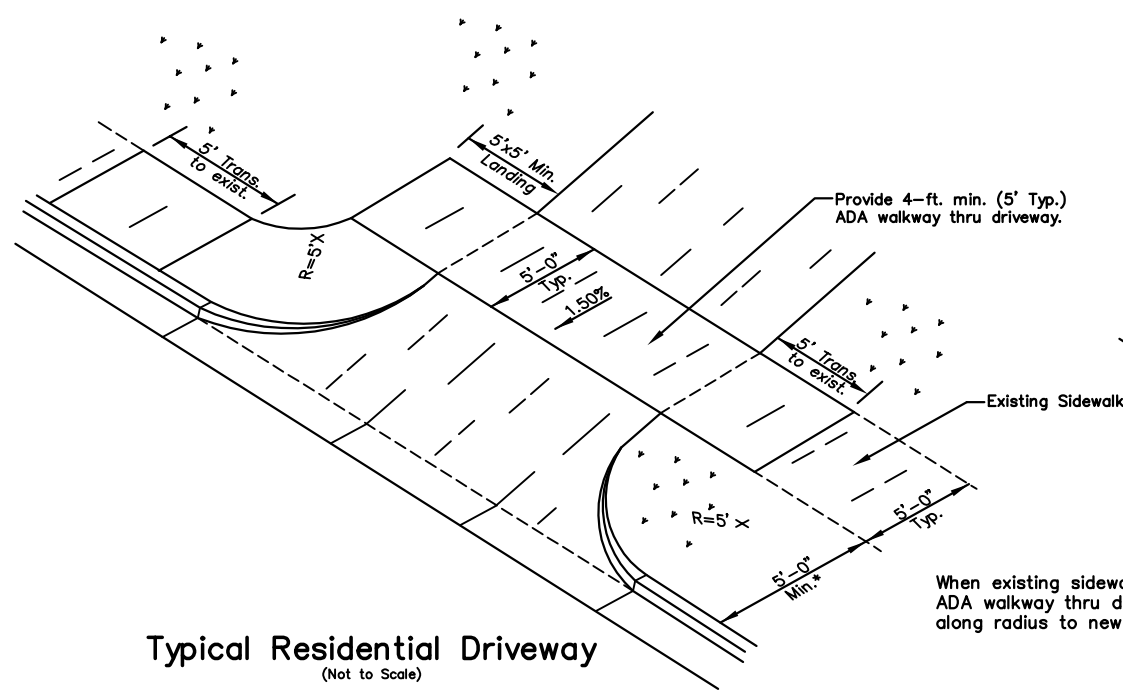
LATEST REVISIONS	
Number	Description
1	Revised Note No. 3
2	Revised Note No. 8 regarding truncated domes
3	Added note No. 9
4	Revised slope difference in grade between street and ramp
5	Changed sidewalk cross-slope from 1.0% to 1.5%
6	Changed Note #4 and location of expansion joint

Project Number: PS-5  
Project Location: ENID, OKLAHOMA

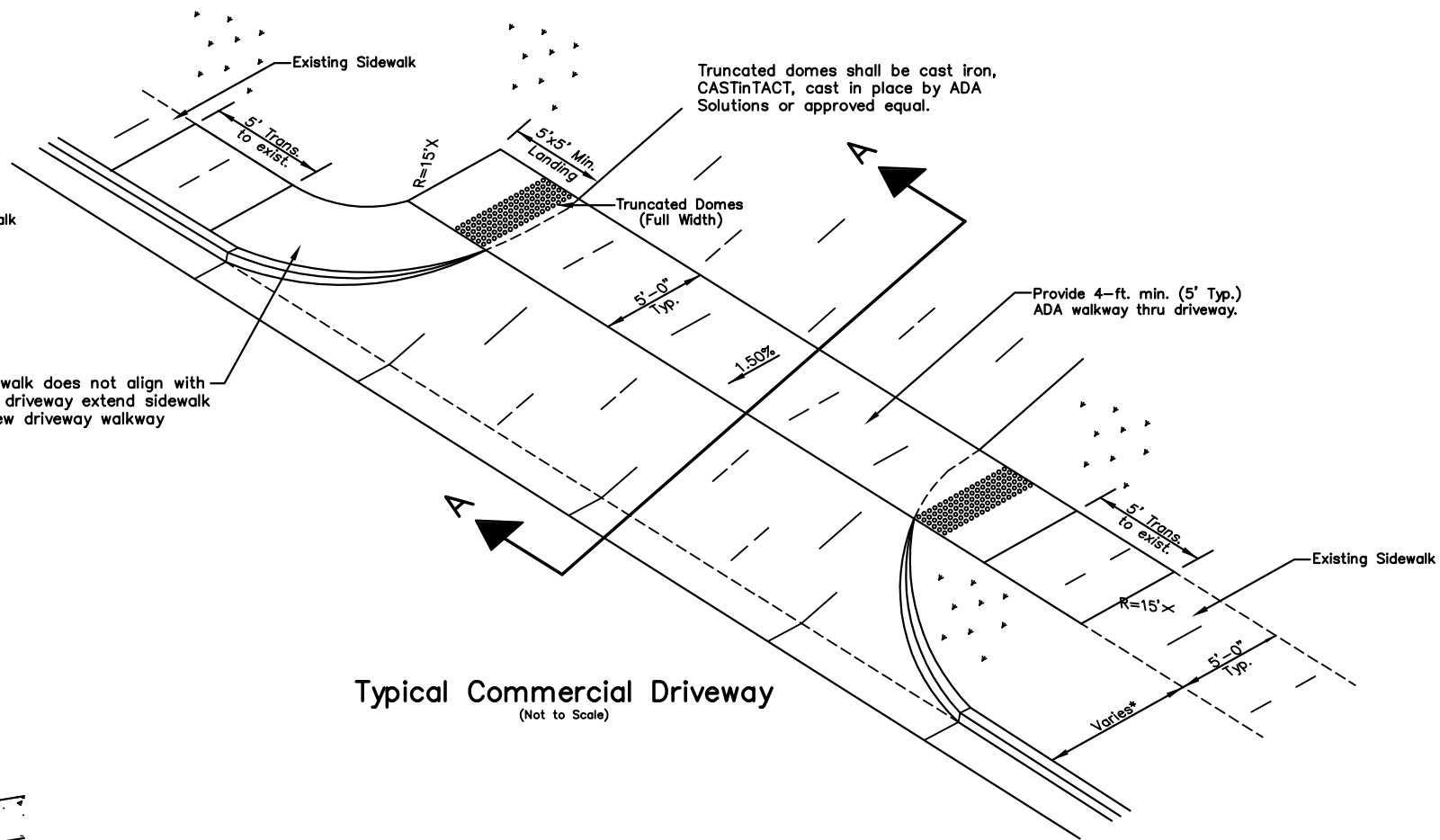
Sheet Title: SIDEWALK & RAMP STANDARD  
Project Title: CURB RAMPS & SIDEWALK

Engr. Seal:  
REGISTERED PROFESSIONAL ENGINEER  
ROBERT S. HITT  
13111  
OKLAHOMA

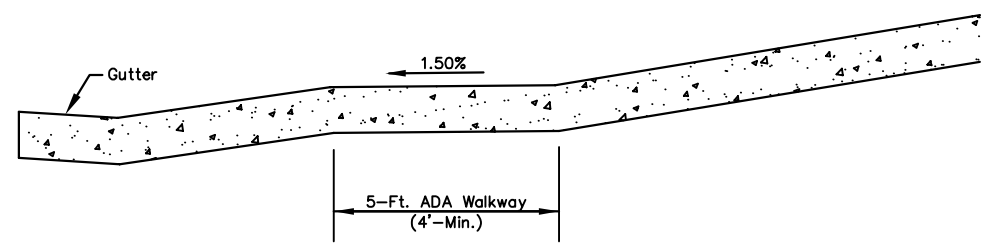
Date: January 2009  
Scale: None  
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Drawn By: TC  
Designed By:  
Approved By: RH  
Sheet: 1 of 2



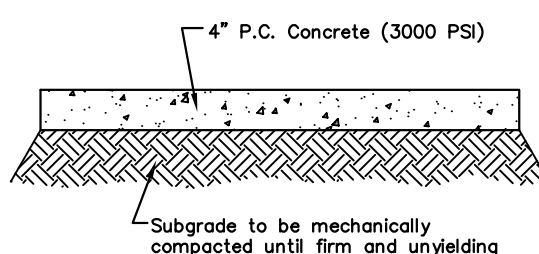
**Typical Residential Driveway**  
(Not to Scale)



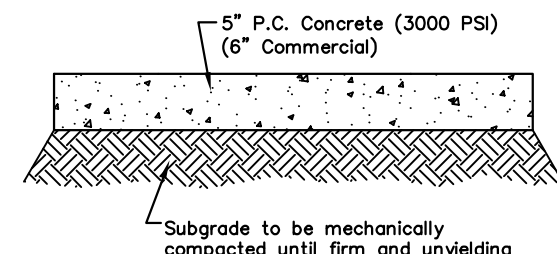
**Typical Commercial Driveway**  
(Not to Scale)



**Section A-A**  
(Not to Scale)

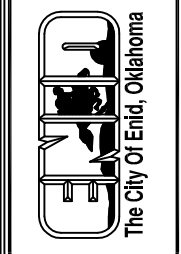


**Typ. Sidewalk Cross Section**  
(Not to Scale)



**Typ. Sidewalk Cross Section (Thru Driveway)**  
(Not to Scale)

The City Of Enid  
401 West Owen K. Garrett Road  
Enid, Oklahoma 73702  
Tel: (560) 234-0400 Fax: (560) 234-8946  
Contact:  
Tom Cosim, Project Manager



Number	Date	Description
1	2-3-10	Revised Note No. 8 approved truncated domes

Project Number: PS-6  
Project Location: ENID, OKLAHOMA

Sheet Title: DRIVEWAY STANDARD  
ADA CURB & SIDEWALK RAMPS



Date: January 2009  
Scale: None  
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Drawn By: TC  
Designed By:  
Approved By: RH  
Sheet: 2 of 2