



LOS ALAMOS COUNTY – Public Works-Traffic & Streets Division

505-662-8113 Phone – 505-662-8415 Fax

Curb Cut/Driveway Apron – Excavation Permit Application

CHECK ALL THAT APPLY:

- checkbox Curb Cut/Driveway Apron Application
checkbox Excavation Application

Event Date(s) \_\_\_\_\_

Event Time: Start \_\_\_\_\_ End \_\_\_\_\_

Project Address: \_\_\_\_\_

Owner: \_\_\_\_\_

Owner Address: \_\_\_\_\_

Owner phone number: \_\_\_\_\_

Subdivision/Lot# \_\_\_\_\_

Contractor: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Contractor Address: \_\_\_\_\_ Email address \_\_\_\_\_

NM State Contractors License No. \_\_\_\_\_ License Type: \_\_\_\_\_

\*Please note a GA-01, GA-3, GA-98, or GF Series (depending on the type of work being performed) license is required to work within the public right-of-way. See attached General Construction Classification Exhibit.

Los Alamos Business License No.: \_\_\_\_\_ NM One Call Ticket # \_\_\_\_\_

Contractor/Supervisor Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Email \_\_\_\_\_

Description of Work: (attach addendum if required)

\_\_\_\_\_
\_\_\_\_\_

NM One Call: 811 or call 1-800-321-ALERT (2537), Fax: 1-800-727-8809, www.nmonecall.org

Required documentation:

- checkbox Vicinity Map or Google Map indicating work zone
checkbox Proof of Liability Insurance
checkbox NM One Call Paperwork
checkbox Press Release (\*if required)
checkbox Proof of Contractors License
checkbox Penetration Permit (\*if required)
checkbox Approved Traffic Control Permit
checkbox Noise Permit (\*if required)

\*Call 505-662-8113 to determine if these are required

Fee: \$275.00- We accept check, cash, money order or credit card (Visa, Mastercard, Discover)

I hereby acknowledge that I have read the application and state that the above is correct and agree not to start this project until this application is approved. I will post the permit at the job site where it can be seen from the street until the project is completed and finalized by the County. It is my responsibility to find out what inspections are required, to call the County 24 hours in advance for any inspection, and to finalize this permit within a year of its issuance and/or ask for an extension.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**PERMIT to WORK in the LOS ALAMOS COUNTY RIGHT OF WAY  
INCLUDING CURB CUT and DRIVEWAY CONSTRUCTION**

Owner's Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Mailing

Address: \_\_\_\_\_

Project

Address: \_\_\_\_\_

**REQUIREMENTS to WORK IN THE COUNTY RIGHT of WAY**

- ◆ The work zone shall be signed in conformance with the Manual of Uniform Traffic Control Devices.
- ◆ Barricades and signs shall be subject to approval by the Los Alamos County Traffic Division.
- ◆ The applicant shall be responsible for any damage to the existing curb, gutter, sidewalk, and pavement. Los Alamos County Engineering staff will document existing conditions, especially noting any existing damage to the curb, gutter, and sidewalk. The applicant shall repair any undocumented damage to the existing curb, gutter, or sidewalk prior to final inspection.

**STANDARD FOR CURB CUTS**

- ◆ Residential Driveways will conform to the Engineering Department Standard Detail No. 550, 560, or 580.

Standard Detail 550 shall be used where the sidewalk is adjacent to the curb.

Standard Detail 560 shall be used where there is a buffer strip between the curb and the sidewalk.

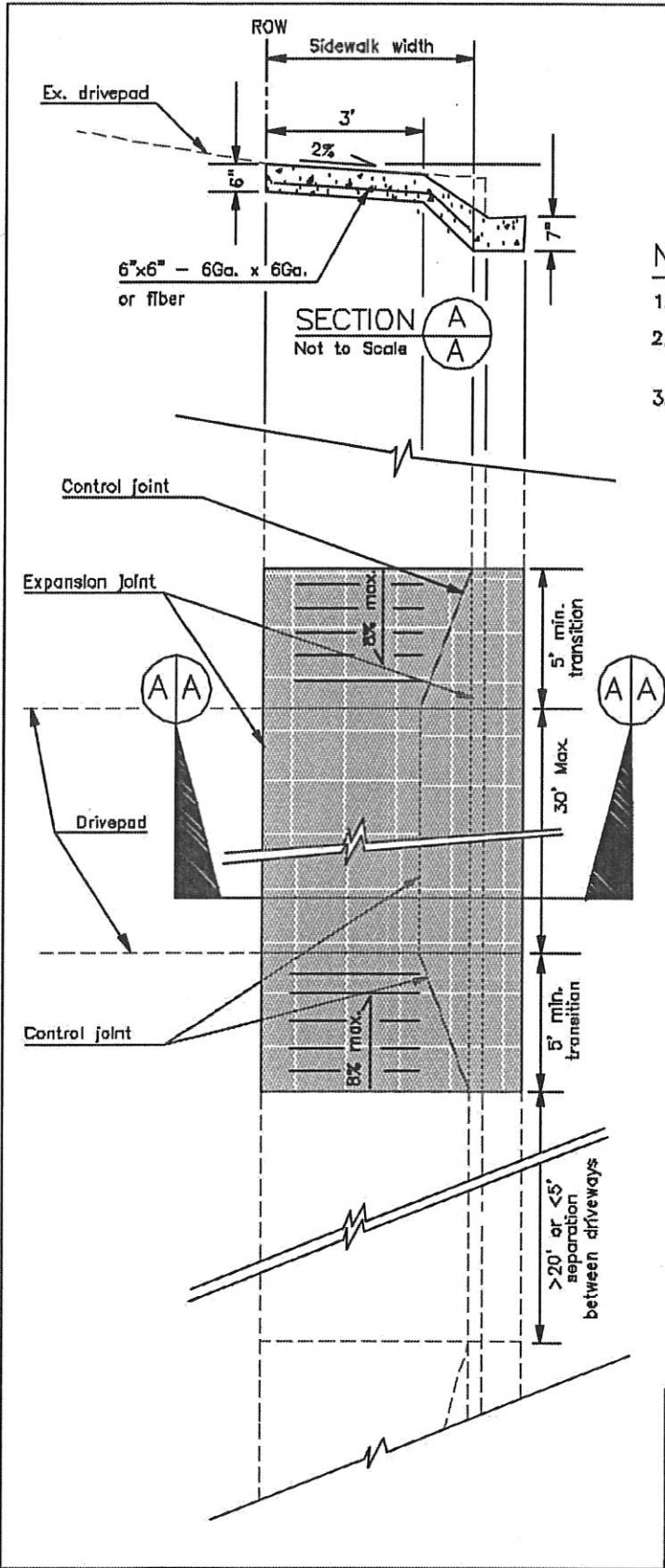
Standard Detail 580 shall be used in the Burned Area Reconstruction Area

- ◆ Driveways or parking pads must be a minimum of 20 feet long.
- ◆ Driveways and curb cuts must be located a minimum of 100' from an intersection, as measured from the curb line of the intersecting street.

I hereby acknowledge that I have read this Affidavit and state that the above is correct and agree not to start this project until this application is approved.

Applicant's Signature: \_\_\_\_\_

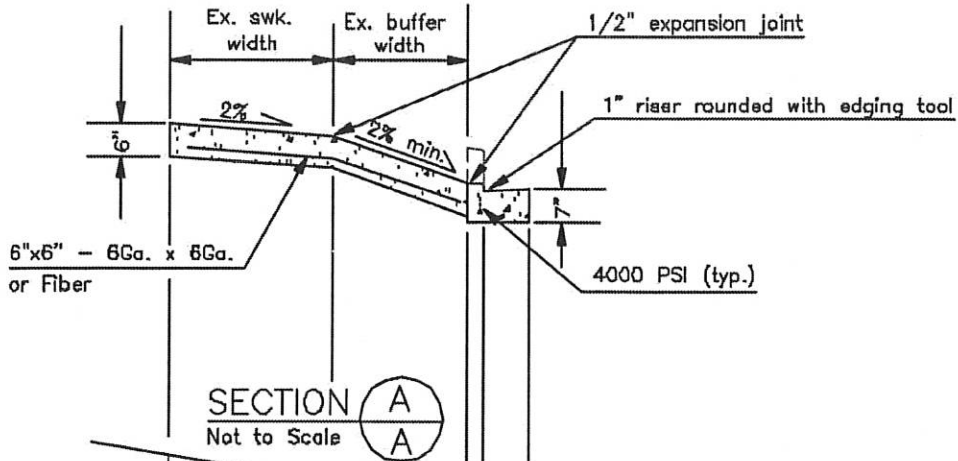
Date: \_\_\_\_\_



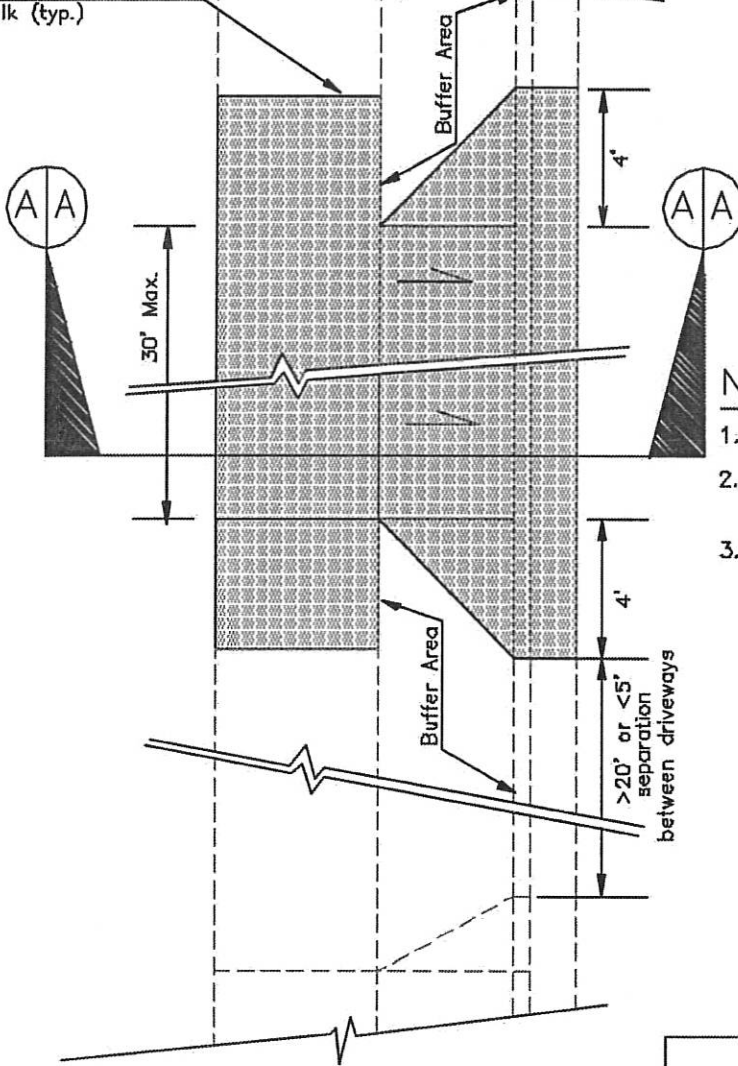
**NOTES**

1. All removals must be at joints.
2. All concrete shall be air-entrained and 4000 psi at 28 days.
3. Applicant is responsible for scheduling two curb cut inspections:  
 Initial inspection - when forms and reinforcement are in place  
 Final inspection - after concrete pour  
 48 hrs is required for all inspections  
 Schedule inspections with the Community Development Department - 662-8120

<b>CURB CUT and DRIVEWAY</b>		
DATE: <u>4/05</u>	REV:	APPROVED BY:
<b>STANDARD DETAIL 550</b>		
LOS ALAMOS COUNTY ENGINEERING		SHEET <u>2</u> OF <u>2</u>



Nearest joint in existing sidewalk (typ.)

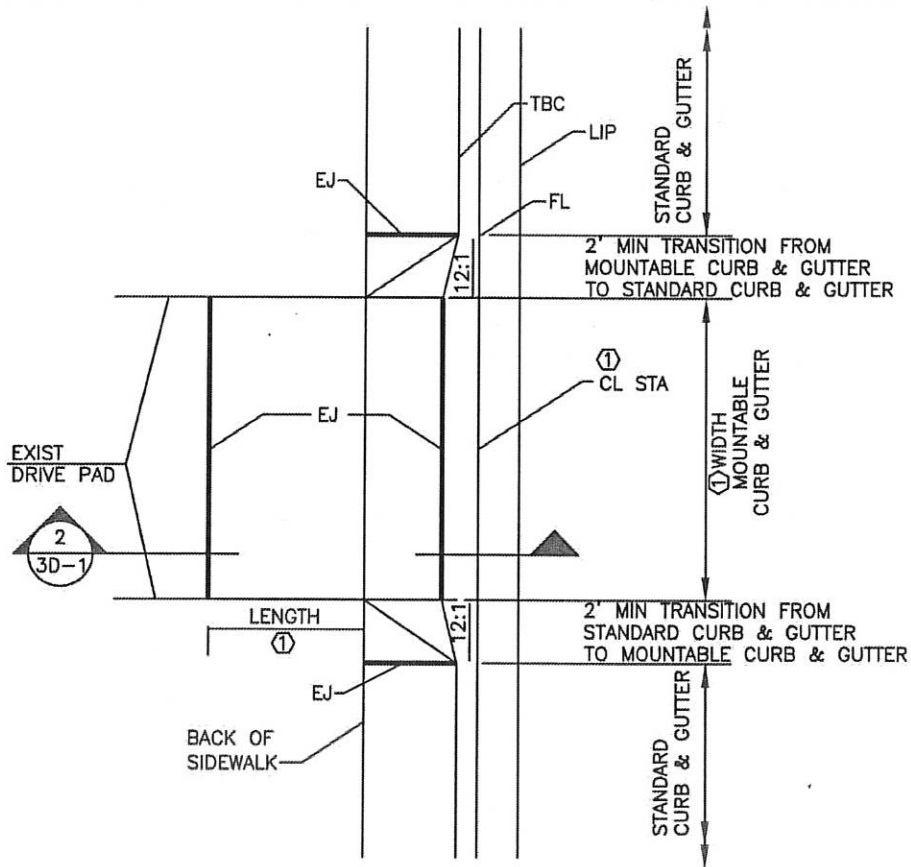


**NOTES**

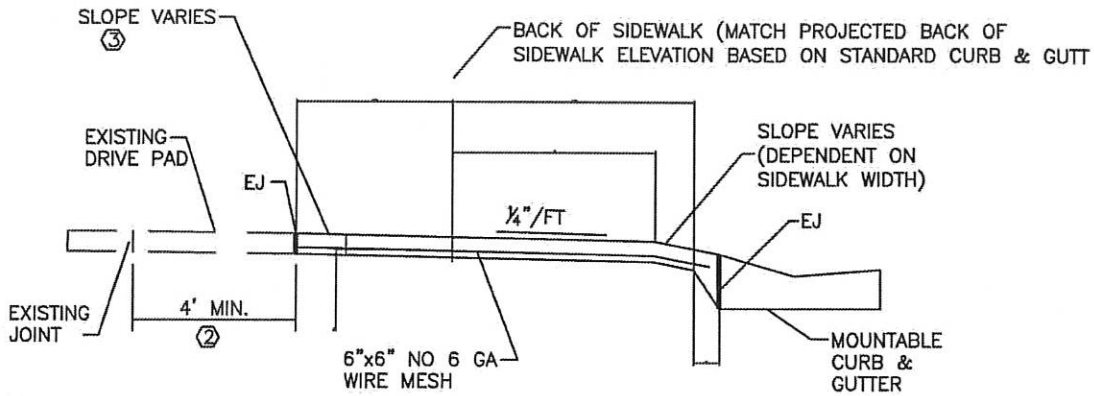
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**DRIVE PAD A**  
Not to Scale

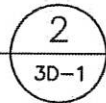
<b>CURB CUT and DRIVEWAY</b>		
DATE: <u>4/05</u>	REV:	APPROVED BY:
<b>STANDARD DETAIL 560</b>		
LOS ALAMOS COUNTY ENGINEERING		SHEET <u>1</u> OF <u>2</u>



PLAN



SECTION



DRIVE PAD DETAIL

NO SCALE

NOTES

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Initial Inspection - when forms and reinforcement are in place

Final Inspection - after concrete pour

48 hrs is required for all inspections  
 Schedule inspections with the Community Development Department - 662-8120

BAR CURB CUT and DRIVEWAY		
DATE: 4/05	REV:	APPROVED BY:
STANDARD DETAIL 580		
LDS ALAMOS COUNTY ENGINEERING	SHEET 3	OF 3

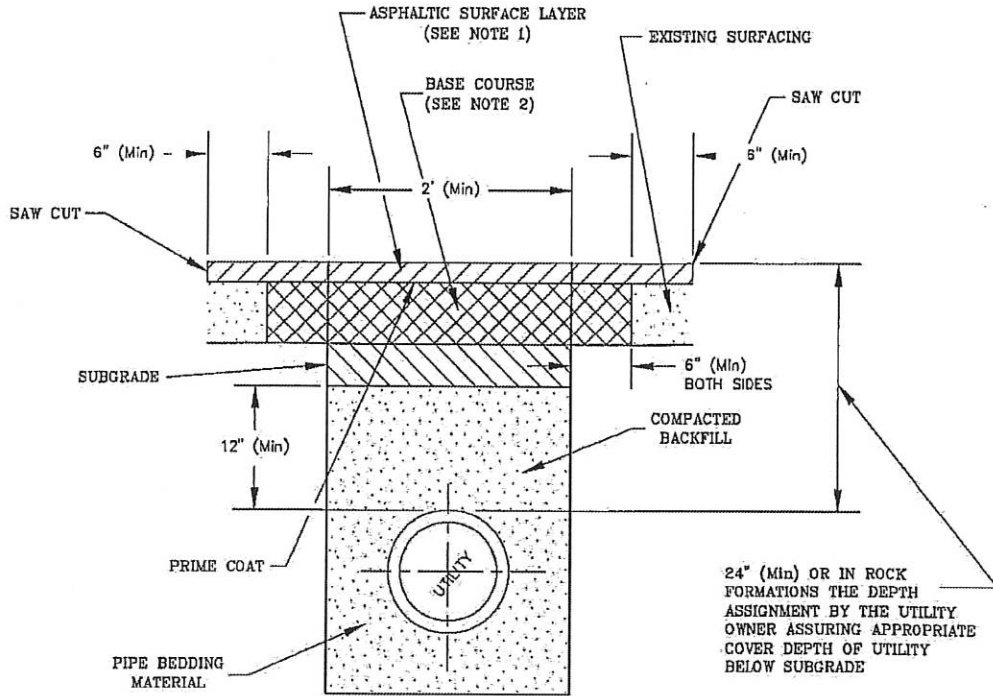


## EXCAVATION PERMIT GUIDELINES

- This permit, in accordance with Ordinance 12.04, shall cover any excavation performed within the right-of-way limits of any County street or upon any County-owned properties.
- If the excavation involves cutting into the sidewalk and/or street, or interferes with traffic in any way, an approved Traffic Permit for Road Closures and Traffic Impedance shall be obtained from the Traffic Division. The excavation site shall be protected by signs, barricades, lights, etc., as required by the Manual on Uniform Traffic Control Devices (MUTCD), current edition.
- The applicant shall call for utility locates 48 hours prior to beginning excavation. Failure to do so is a violation of State Law and Los Alamos County Ordinances. For Locates, call: **811 New Mexico One Call (NMOC)** or 1-800-321-2537. You may also visit their website for more information [www.nmonecall.org](http://www.nmonecall.org).
- Permit attachments shall include:
  - ✓ Location Map and Excavation Detail Plans
  - ✓ Proof of Contractor's license
  - ✓ Utilities Penetration Permit
  - ✓ Traffic Permit (if on or near Sidewalk, Bike Lane, or Roadway)
  - ✓ Noise Permit (if required)
- A non-refundable permit fee of \$275.00 will be charged for each excavation permit. The deposit in no way relieves the applicant from the responsibility of compensation to the County for damages over and above the value of the fee.
- After completion of all work performed in relation to the excavation, the excavation shall be back-filled with a well-graded material to the previous finish grade. The backfill shall be compacted in maximum layers of six (6) inches in thickness to a density that will meet a minimum of 95% proctor with **close observation of the moisture content** so as to prevent any settling of the excavated area in the future. See detail on next page.
- All roads and rights-of-way must be returned to an acceptable condition as determined by the county inspector. All debris must be removed from the site. Disturbed soils shall be replaced in a manner that allows for adequate drainage and is aesthetically acceptable.
- The applicant shall be responsible for all damages that occur due to the excavation, until the time the excavation is back-filled to the previous grade and accepted by the County Traffic Engineer. The County, at the expense of the applicant, shall do permanent resurfacing, and the cost thereof shall be deducted from the cash deposit.

### LOCATION MAP

# REPAIR OF EXISTING PAVEMENTS



**NOTES:**

1. REPLACEMENT AC SURFACE LAYER SHALL BE AS FOLLOWS:
  - a) MIN. 2" PMBP OR MATCH EXISTING THICKNESS OF PMBP, WHICHEVER IS GREATER, FOR TRENCH REPAIR IN LOCAL/RESIDENTIAL STREETS AND PARKING AREAS.
  - b) MIN. 3" PMBP OR MATCH EXISTING THICKNESS OF PMBP, WHICHEVER IS GREATER, FOR TRENCH REPAIR IN COLLECTOR STREETS.
  - c) MIN. 4" PMBP OR MATCH EXISTING THICKNESS OF PMBP, WHICHEVER IS GREATER, FOR TRENCH REPAIR IN ARTERIAL STREETS.
2. THE THICKNESS OF THE NEW BASE LAYER SHALL MATCH THE EXISTING THICKNESS OF THE BASE LAYER. HOWEVER, THE NEW BASE LAYER SHALL BE A MINIMUM THICKNESS OF 6".
3. MATERIALS AND WORKMANSHIP SHALL BE IN COMPLIANCE WITH THE APPLICABLE SECTIONS OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND SHALL BE SUBJECT TO ACCEPTANCE BY THE COUNTY ENGINEER OR DESIGNEE.

County of Los Alamos  
DEPARTMENT OF PUBLIC WORKS

FULL DEPTH ASPHALTIC CONCRETE  
PAVEMENT TRENCH REPAIR

ADOPTED

THE USER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE  
USE OF THIS STANDARD.

STANDARD NO.

**14.6.6.9 GENERAL CONSTRUCTION CLASSIFICATIONS:**

**A. General information.** Any trade or classification not listed below that is regulated by the division may be issued as a GS-29.

**B. GA Asphalt, bitumen and concrete construction:** Applies to surfaces used by vehicular traffic, not airborne craft.

(1) **GA-1 Streets, roads and highways, including tunnels, parking lots, alleys, seal coat and surfacing.** Requires two years experience. Clear, align, fill, compress, compact, build up or remove earth and do all work necessary to prepare, within the assigned rights-of-way, the land to accept a street, road, highway, including tunnels, parking lots, alleys or driveways, including curbs, gutters, culverts, public sidewalks. Place and finish concrete or bituminous materials and apply sealcoat. This classification includes the scopes of work authorized by GA-2 and GA-3.

(2) **GA-2 Maintenance and repair.** Requires two years experience. Fix, maintain, repair, patch, mend, cover, fill or replace materials of like substances to that being repaired on streets, roads, highways, parking lots, driveways and alleys. Apply seal coat to driveways and parking lots. Install rumble strips.

(3) **GA-3 Curbs, gutters and driveway culverts.** Requires two years experience. Form, place and finish concrete curbs, gutters, culverts, public sidewalks and bituminous ridge curbs for the deflection of water.

(4) **GA-4 Striping.** Requires two years' experience. Paint directional stripes on paved roads, streets, highways, alleys and parking lots. Install auto parking bumpers or stops and highway lane markers/reflectors.

(5) **GA-5 Highway signs and guard rails.** Requires two years experience. Erect and stabilize signs and guard rails along public highways, streets, roads and alleys, which are used for the direction and safety of vehicular traffic. Electrical signs must be installed by a properly licensed electrical contractor.

(6) **GA-98 Asphalt, bitumen and concrete construction.** Requires licensure in classifications GA-1 through GA-5; and covers all work authorized in those classifications.

**C. Residential and commercial building.**

(1) **GB-2 Residential.** Requires two years experience. Erect, alter, repair or demolish homes, residences and apartment houses accommodating not in excess of four family units, Groups R-1 and R-3, as those groups are defined in 14.7.3 NMAC. May also bid and contract for items included in Group U, as defined in 14.7.3 NMAC, when incidental to these structures. Includes all work described by the GS specialty classifications, provided the work is limited to residential construction as defined under this provision.

(2) **GB-98 General building.** Requires four years experience. Erect, alter, repair or demolish residential and commercial buildings, and certain structures. Includes all work authorized by the GB-2 and GS specialty classifications, GF-5, GF-7 classifications, seal coating and striping of driveways and parking lots.

**D. Fixed works.** Authorized to construct, alter or repair fixed works facilities; provided, however, that work in any trade or craft that is authorized by any one, or a combination of, the mechanical, electrical, general building or LP Gas classifications must be performed by an entity validly licensed in the appropriate classification. Except as may be expressly provided in a specific classification description, fixed works classifications may not construct buildings that are primarily for the use and occupancy of the general public, but may bid and contract for such buildings when they are incidental to a fixed works project, pursuant to Subsection B of 14.6.6.8 NMAC, above.

(1) **GF-1 Airports.** Requires two years experience. Construct, alter and repair airports, including marking, excavating, grading, surfacing and sub surfacing (dirt or bitumen and concrete), compacting and other work on surfaces to be used for aircraft traffic, landing, take-off and taxi.

(2) **GF-2 Bridges.** Requires two years experience. Erect, construct, alter, repair or demolish any bridge, overpass or underpass, culvert and ramp, generally used for vehicular traffic.

(3) **GF-3 Canals, reservoirs, irrigation systems.** Requires two years experience. Construct, erect, alter, repair, or demolish canals, reservoirs or irrigation systems, including pivot irrigation systems. May excavate, ditch, fill, compact and place pre-cast components, waterproof membranes and liners, concrete reinforcement, abutments and buttresses in connection therewith. May install tanks, pumps, pipelines and substations incidental to the project.

(4) **GF-4. Drainage or flood control systems.** Requires two years experience. Construct, erect, install, repair and alter drainage or flood control systems. May dig, excavate, fill, prepare embankments for such purposes, place pre-cast components, concrete reinforcement and perform all other work incidental to these projects. May install storm sewers, including trenching, boring, shoring, backfilling, compacting, and paving.

(5) **GF-5 Recreation areas.** Requires two years experience. Construct, prepare, clear, repair or alter facilities for use as recreation areas, including but not limited to golf courses, tennis courts, playgrounds, outdoor athletic facilities, miniature golf courses, pitch-and-putt golf courses. May prepare the area by excavation, fill, including foundations, retaining walls, sprinkler systems, rest benches, shade and rain shelters. Also includes public campgrounds and parks, including toilet facilities and lean-tos.

(6) **GF-6 Railroad and tunnel construction.** Requires two years experience. Construct railroad lines, including clearing, filling, shaping, compacting, placing rip-rap, stabilizing, setting roadbeds, ties, tie plates, rails, rail connectors, frogs, switch plates, switches, and all appurtenances necessary for an operational railroad line, including bridges, culverts, tunnels, retaining walls, dikes, gates, tool sheds and landing or parking platforms for equipment. Includes welding operations necessary for rail construction.



(7) **GF-7 Tanks and towers.** Requires two years experience. Fabricate and install tanks for the storage of solids or liquids, above or below ground, and towers such as radio and microwave towers, including all necessary site-work, excavation and the construction of concrete pads and foundations, cutting, welding, placement of structural members, engineered structural support systems for elevated tanks, and engineered or prefabricated towers. Includes the repair, cleaning, and placement of liners in tanks, and incidental fencing and buildings.

(8) **GF-8 Transmission lines, tanks and substations (non-electrical).** Requires two years experience. Build, construct and place lines for the transmission or conveyance of petroleum and other fluid substances, including the application of protective coatings, trenching, boring, shoring, backfilling, compacting, paving and surfacing necessary and incidental to the completion of the installation of such facilities. Includes incidental buildings, tanks, and substations required for the project.

(9) **GF-9 Utility lines and systems (sewage, water, natural gas and underground telephone cables).** Requires two years experience. Construct, install, alter or repair utility lines and utility systems for the transmission of sewage, natural gas and water, including excavating, grading, trenching, boring, shoring, backfilling, compacting, paving and surfacing. Includes tanks necessary to the project. Construct, alter, or repair treatment plants and facilities incidental thereto. Install direct burial telephone or data cable and vaults as directed by the telephone utility. May not perform installation of electrical raceways, splicing, termination, installation of load pots, overhead cabling work, or other activities considered under the scope of the ES-7, EL-1 or EE-98 electrical classifications.

(10) **GF-98 Construct, alter or repair fixed works facilities.** Requires four years experience. Requires licensure in classifications GF-1 through GF-9 and covers all work described in these classifications.

**E. Specialty classifications.** General construction includes numerous specialties. Therefore, CID has established the GS classification series to enable entities that perform this kind of work to be licensed in their respective areas of expertise. The most common of these specialties are described below.

(1) **GS-1 Acoustical insulation and insulation.** Requires two years experience. Install any insulating material, including urethane foam and approved waterproof membranes and coatings, in or on buildings, structures and on piping for the purpose of energy conservation, temperature and sound control, and fireproofing. Does not include the installation of urethane roof systems.

(2) **GS-2 Awnings and canopies.** Requires two years experience. Construct, erect and install awnings and canopies, attached to buildings and structures or free standing, including, but not limited to carports and service station canopies, and including necessary excavation and foundation work. All electrical work shall be performed by a properly licensed electrical contractor.

(3) **GS-4 Concrete, cement, walkways and driveways.** Requires two years experience practical trade experience, one year of which must be foreman level. Mix, pour, place, and finish concrete, including all necessary preparatory work including excavation, form work, and placing of reinforcement materials. Includes curbs, gutters, sidewalks, and driveway culverts installed on private property, may not perform this work in public rights-of-way.

(4) **GS-5 Demolition.** Requires two years experience. Demolish all or any portion of a building and certain structures, including such demolition to portions of buildings and structures as to permit additions and alterations to the remaining portions of the building and structure.

(5) **GS-7 Drywall installation and texture.** Requires two years experience. Install gypsum wallboard, gypsum sheathing, taping, bedding and coating the surfaces of the wallboard and sheathing with gypsum joint systems, tape and drywall mud, or a combination of other materials to create a permanent surface of coating. Includes texturing of walls and ceilings. May install steel or wood stud systems (non-structural) and channel iron work to provide a base for the application of drywall.

(6) **GS-8 Earthmoving, excavating and ditching.** Requires two years experience. Perform earthwork, using hand or power tools, machines that use air, fluids, or other material under pressure, or heavy equipment, in such a manner that cutting, filling, excavating, grading, trenching, backfilling, boring and any similar excavating activity can be executed. Includes the use of explosives for such purposes and may be subject to certain restrictions.

(7) **GS-9 Elevators, escalators, and related machinery (non-electrical).** Requires two years experience. Erect, install or repair elevators, escalators and related machinery, including sheave beams, sheaves, cable and wire rope, guides, cab, counterweights, doors, including sidewalk elevators, automatic and manual controls, signal systems and all other devices, apparatus, machinery and equipment (including fabrication on job site) essential to the safe and efficient installation and operation of electrical, hydraulic and manually operated elevators and escalators and conveyors designed specifically for the transportation of people.

(8) **GS-13 Framing.** Requires two years experience. Cut, join and install wood, and wood and metal products for the framing of a structure or building, including bearing and non-bearing walls, rafters, headers, trusses, joists, studs, door and window rough frames, and roof decks, including repair to any of the above.

(9) **GS-14 Windows, doors and skylights.** Requires two years experience. Fabricate and install windows and doors in buildings and structures, including the necessary installation of window and door framing, and the installation of necessary hardware. Cut, assemble and install glass work, and execute the glazing of frames, panels, sash and doors. Fabricate and install storm doors, windows, and skylights including flashing. Does not include structural alterations to enlarge any opening.

(10) **GS-15 Caissons, piers and pile driving.** Requires two years experience. Install piers, caissons and pilings through the use of pile driving equipment and machinery, including necessary excavation, grading and clearing for site