



CITY OF CORTEZ
RIGHT-OF-WAY CONSTRUCTION PERMIT APPLICATION

To be attached to City-Issued ROW Permit.

Today's Date: _____
Permit Fee: \$30.00

Applications (including a Traffic Control Plan if a street is impacted) are to be dropped off at the City Service Center (110 W. Progress Cir., Cortez, CO) or e-mailed to: iroberson@cortezco.gov at least three (3) working days before construction activities are to begin.
This permit will expire 45 days from date of issuance.

- Applicant/Permittee: _____
- Mailing Address _____ Phone: _____
- Applicant E-mail Address: _____
- Work start and Finish Date: _____ to _____
- Location of Work: _____
- Description of work (type and purpose of work): _____

- Existing infrastructure that may be affected by the work (such as street pavement, gravel alleys, curb and gutter, sidewalks, utilities): _____

- List of Subcontractors: _____
- Estimated Trench Dimensions: _____ x _____ = _____ sq. ft.
- **Trench Dimensions for City Patch-Back - see #3 (measured by City)** _____ x _____ = _____ sq. ft.

Sketch of Location: (Printed Google map preferred). (Sketch map must include: Frontage of lot along road/alley; Address; Closest intersection; North Arrow; Distance from centerline of road to the proposed work area; Dimensions (height and width) of work area; and other information of importance).

GENERAL CONDITIONS OF ISSUANCE

1. **ROADWAY BACKFILL:** In roadways, alleys, and driveways, the backfill shall be a road base material as approved by the Engineer to the top of the existing road grade. Proper moisture conditioning and compaction will be required as needed to obtain 95% relative compaction based on a Modified Proctor (ASTM D1557) for the trench backfill material. Lift depths may not exceed 8" per 2009 Construction Design Standards (CDS). Flow fill, Class 6 road base, or equal, per CDOT specifications, is required. If placing asphalt the same day as backfill operations, backfill may be raised to sub-grade.
2. **NON-ROADWAY AREAS BACKFILL:** Soil compacted to 90% of a Modified Proctor density may be placed on non-roadway areas. Soil used for backfill in trenches will not contain particles greater than 6 inches (6") in diameter. Native or approved project material free of frozen lumps, wood, organic, or other unsuitable material is required.
3. **SURFACED ROADWAY REPLACEMENT:** All asphalt removals shall be saw cut with 90-degree (90°) clean vertical edges. Applicant is responsible for all asphalt patch back using hot-mix asphalt approved for repairs on CDOT roadways or an approved alternative. If the applicant wants the City of Cortez to complete the patch back, the City of Cortez will patch back the roadway trench with hot-mix asphalt based on the current patch-back schedule (and availability of materials) up to four inches (4") thick and invoice the APPLICANT. The applicant hereby agrees to pay the City for patch work upon receipt of said invoice. All road cuts to patch will be one foot (1') wider on each side than the actual trench width (per Standard Details for ROW Permit, Sheet 1 of 2). Cold patch (typ. Nov 1 - Apr 30) = \$280/ sq.yd. Hot Patch (typ. May 1 - Oct 31) = \$250/ sq.yd.
4. **INSPECTIONS:** Contractor is responsible for scheduling an inspection prior to any concrete pour, patch back, or utility connection. To schedule an inspection, call the 24-hour inspection hotline at 970-564-4071. The inspection line is checked each morning, once a day at 8:00 AM. Please leave your name, call back phone number, permit number (example: ROW22-000011), construction site address, type of inspection wanted, and the time and date that you would like the inspection. Please call the City Service Center at 970-565-7320 or e-mail Ian Roberson at iroberson@cortezco.gov if you have any questions. The City reserves the right to inspect any project at any time, with or without advance notice. **ANY CONSTRUCTION PERFORMED WITHOUT AN INSPECTION COULD BE SUBJECT TO REJECTION.**
5. **BEFORE YOU DIG: USE THE 811 WEB TICKET ENTRY or CALL UNCC @ 811 or 1-800-922-1987 FOR LINE LOCATES BEFORE YOU DIG.** All utilities must be located prior to performing any excavation activities. Due to the new 811 Legislation (Colorado Senate Bill 18-167) if any project includes all of the following: a construction contact with a public entity, horizontal construction not primarily construction of buildings, and an excavation footprint exceeding two feet in depth by one thousand feet or ANY utility boring, the Design Engineer must conduct a Subsurface Utility Engineering (SUE) request. **When directional boring is required, all utilities must be pot-holed prior to bore.**
6. **TRAFFIC CONTROL:** The contractor shall submit a traffic control plan for review by the City. A certified Traffic Control Supervisor may need to provide the traffic control plan if requested by the City depending on the complexity and risk of the work proposed by the Applicant. Plans shall follow 2009 MUTCD standards and show details of the work zone and nearest intersecting streets. Any equipment, obstructions, or open excavations after sunset must be barricaded with lighted barricades. If a street is to be closed, the contractor must notify police and fire departments for emergency routing.
7. **EXCAVATIONS:** No excavation may occur underneath existing sidewalk, curb, or gutter. The Contractor shall sawcut and remove curb, gutter, and sidewalk at nearest control/construction joint for any underground excavation directly beneath the curb and gutter. The contractor shall pour back curb, gutter, and sidewalk upon completion of construction where applicable. All saw cuts shall be in square, 90° corners, where any excavation occurs. See the City of Cortez 2009 Construction Design Standards Section 2.4.1. All trenches and excavation shall conform to applicable federal, state, and local safety regulations and shall be barricaded to protect the general public. OSHA regulations for trench safety shall be adhered to. Open trenches are not allowed overnight without prior approval of the City.
8. **STREET DAMAGE:** Permittee is responsible for protecting streets and other private and/ or City property from damage. No cleated or steel-tracked equipment shall work on any pavement without mats or other protective measures adequate to prevent damage. Damaged surfaces must be repaired by the permittee at their expense.
9. **CUTTING PROHIBITION:** The City's basic policy is that no pavements shall be cut for a period of two (2) years after the pavement has been constructed and/or reconstructed for structural rehabilitation and that cutting of any paved road is discouraged. Un-trenched construction methods such as pushing, boring or bore-pulling must be explored on all paved road crossings regardless of the condition of the road pavement. A current list of road segments affected by this prohibition will be supplied to the utilities/contractors upon request. All pavement cuts within the two (2) year period will require a variance from the City. Provisions for pavement cuts shall be evaluated by the City Inspector on a case-by-case basis and may include but not be limited to an impact fee or full width patching. Situations in which pavement cuts may be allowed include: (1) Cutting of a roadway that is scheduled to be overlaid, reconstructed, or chip sealed within the next year; (2) Cutting adjacent to an existing pavement patch; or (3) Longitudinal utility installations that must connect to existing facilities that are within the existing pavement. (4) Emergency situations affecting the safety, health and welfare of the general public. Every alternative engineering plan shall be exhausted prior to requesting permission to open-cut pavement on City-maintained paved roads. Contractors/Utilities will make every effort to use un-trenched crossings where three (3) or less conduits are required at the road crossing. Wherever an open cut is required, the utility requiring the cut shall contact all other utilities in the area to inquire about their need to use the trench while it is open. Where cutting of the pavement is not allowed, pushing, boring and bore-pulling shall be at a minimum depth of twenty-four inches (24") for all methods of un-trenched construction. The City of Cortez may grant a variance based on ground conditions and depth conflicts with existing utilities.
10. **SPECIAL CONDITIONS:** Any contractor performing work within the City of Cortez shall have a valid license and insurance compliant with the City of Cortez Construction Design Standards and general best construction practices. No work in the City ROW may be performed by unlicensed and/ or uninsured parties. A Right-of Way Construction Permit must be obtained prior to constructing, installing, replacing, or altering any of the following upon any right-of-way or easement in the City of Cortez: (1) driveways, (2) trenching, (3) sidewalks, (4) roadways, (5) drainage, (6) fencing, (7) alleys.
11. **REGULATIONS:** To comply with all the laws and ordinances governing the above request. To protect the public safety. To provide traffic control for work zones, per MUTCD. To provide protection of existing private property, erosion protection, and to leave the area in as good or better condition than found. To notify the utilities if their service pipes or lines are damaged or injured. Not to completely block the public street unless in an emergency and, if this condition arises, to notify the Police and Fire Departments of the City. To be responsible for workmanship and material defects for a period of ninety (90) days prior to acceptance.

APPLICANT:

Applicant (Print Name)

Signature

Date

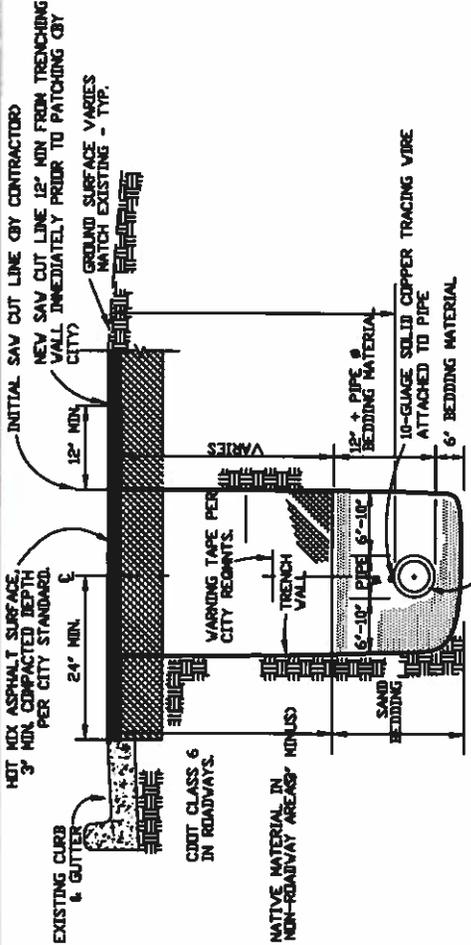
APPROVAL: (For Office Use Only)

The City hereby grants permission to the Applicant to perform the work herein described and subject to the conditions of this permit.

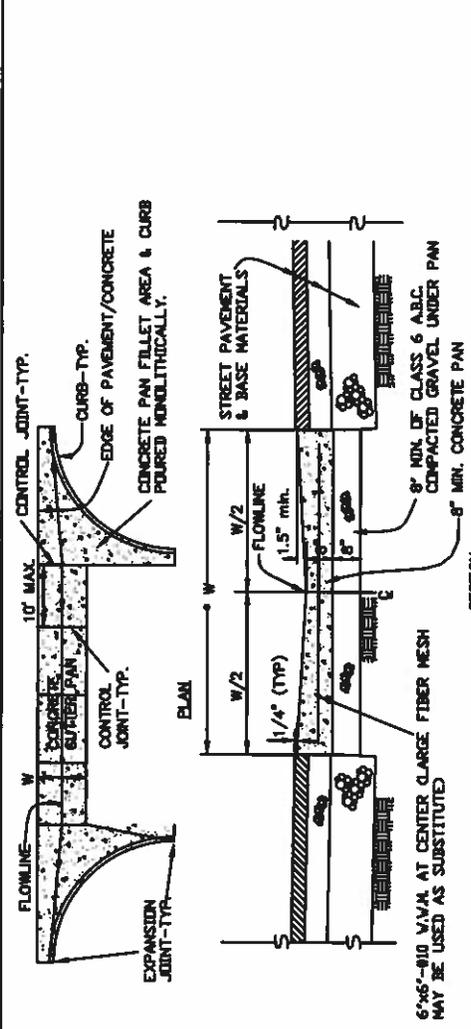
Inspector

Date

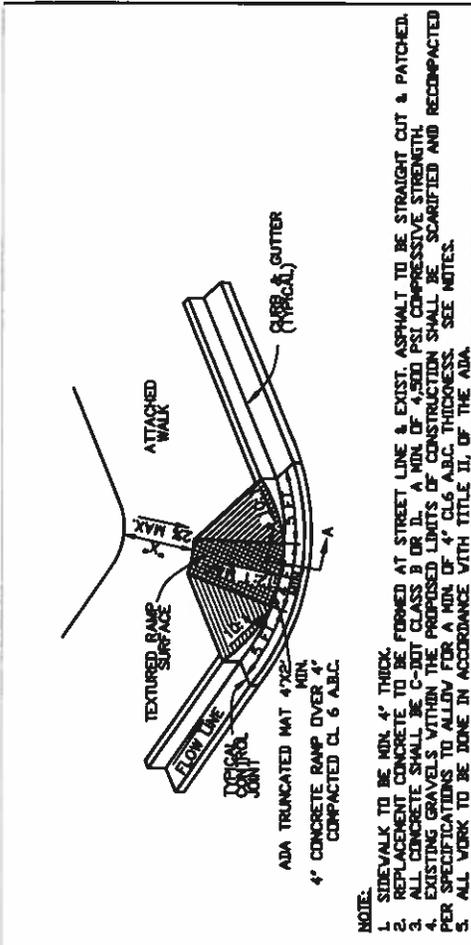
ROW NO. _____



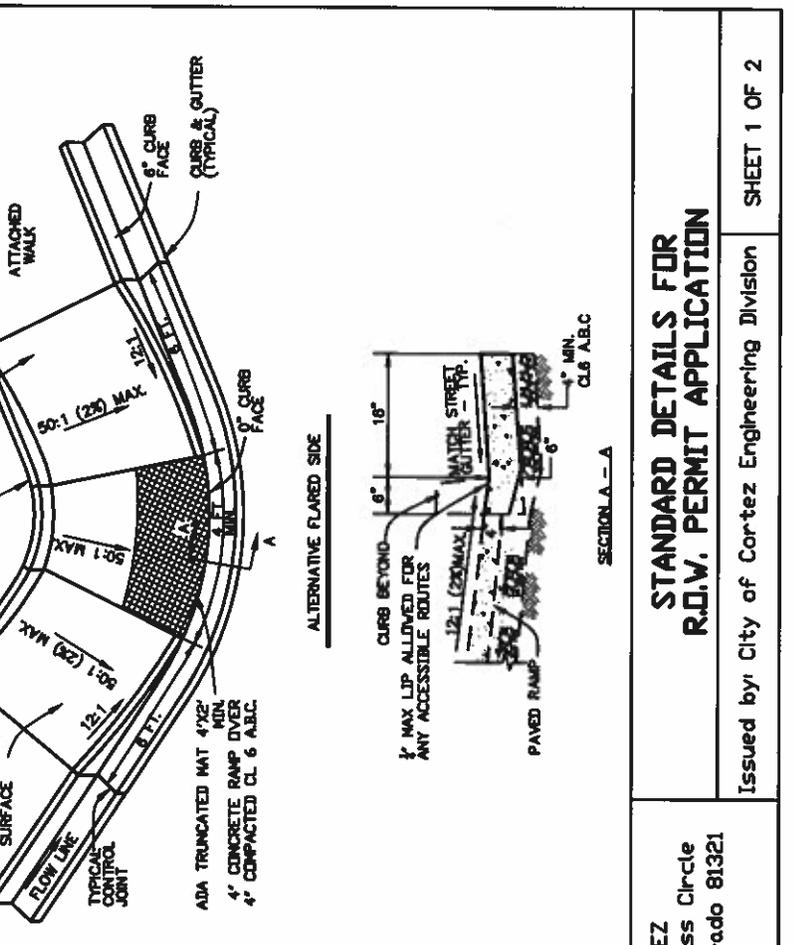
- TRENCHING NOTES:**
1. ALL BACKFILL SHALL BE COMPACTED TO 95% MAX. DENSITY UNDER CITY STREETS. O.O.D. PROCTOR METHOD, ASTM D1557.
 2. TRENCHES THAT ARE OVEREXCAVATED BEYOND THE MAX DEPTH SHALL BE BROUGHT BACK UP TO GRADE WITH CROT CLASS 6 ROAD BASE COMPACTED TO 95% OF ASTM D1557. ONLY THEN SHALL SAND BEDDING MATERIAL BE PLACED FOLLOWED BY WATER LINE INSTALLATION.
 3. HAUNCHING MATERIAL SHALL BE HAND PLACED TO SPRINGLINE EVENLY ALONG BOTH SIDES OF THE PIPE, FITTINGS, AND VALVES, AND VERBED UNDER TO FILL VOIDS. COMPACT HAUNCHING AS REQUIRED FOR SUPPORT.
 4. INITIAL BACKFILL SHALL EXTEND FROM TOP OF HAUNCHING TO ONE FOOT ABOVE TOP OF PIPE. DO NOT COMPACT INITIAL BACKFILL DIRECTLY OVER PIPE, FITTINGS, OR VALVES UNTIL ADEQUATE COVER HAS BEEN PROVIDED TO PREVENT DAMAGE TO PIPE, FITTING, OR VALVE.
 5. ALL ASPHALT EDGES SHALL BE FULLY COATED WITH EMULSIFIED ASPHALT PRIOR TO PATCHING.
 6. BEDDING AND BACKFILL MATERIALS TO CONFORM TO CONSTRUCTION NOTE #13 ON SHEET 2.



- NOTE:**
1. ALL CONCRETE SHALL BE CROT CLASS B OR D WITH A MIN. 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI.
 2. USE MAXIMUM 10 FEET CONSTRUCTION JOINT SPACING.
- TYPE 1: W=6"
• TYPE 2: W=8"
- CONCRETE PAN DETAIL
N.T.S.



- NOTE:**
1. SIDEWALK TO BE MIN. 4" THICK.
 2. REPLACEMENT CONCRETE TO BE FORMED AT STREET LINE & EXIST. ASPHALT TO BE STRAIGHT CUT & PATCHED.
 3. ALL CONCRETE SHALL BE C-HOT CLASS B OR D. A MIN. OF 4,500 PSI COMPRESSIVE STRENGTH.
 4. EXISTING GRAVELS WITHIN THE PROPOSED LIMITS OF CONSTRUCTION SHALL BE SCARIFIED AND RECOMPACTED PER SPECIFICATIONS TO ALLOW FOR A MIN. OF 4" CL 6 A.B.C. THICKNESS. SEE NOTES.
 5. ALL WORK TO BE DONE IN ACCORDANCE WITH TITLE II, OF THE ADA.
 6. "X" = 3-FOOT MINIMUM. IF "X" IS LESS THAN 4-FEET, THE SLOPE OF THE FLARED SIDE SHALL NOT EXCEED 12:1.
 7. ALIGN RAMP WITH STREET CROSS WALK.



STANDARD DETAILS FOR R.O.V. PERMIT APPLICATION

CITY OF CORTEZ
110 W. Progress Circle
Cortez, Colorado 81321
970-565-7320

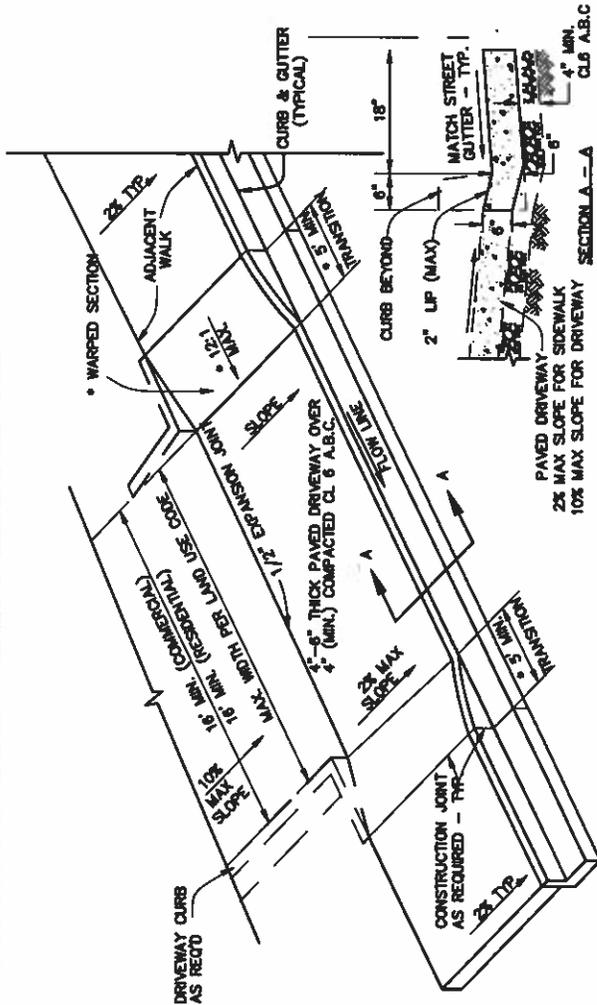
Computer File Information
Creation Date: 6/24/19 Initials: NPS
Last Modification Date: 7/12/19 Initials: NPS
Full Path: Z:\PADMIN\ENGINEERING\PERMITTING
Drawing File Name: 2019 DETAILS.DWG

Issued by: City of Cortez Engineering Division

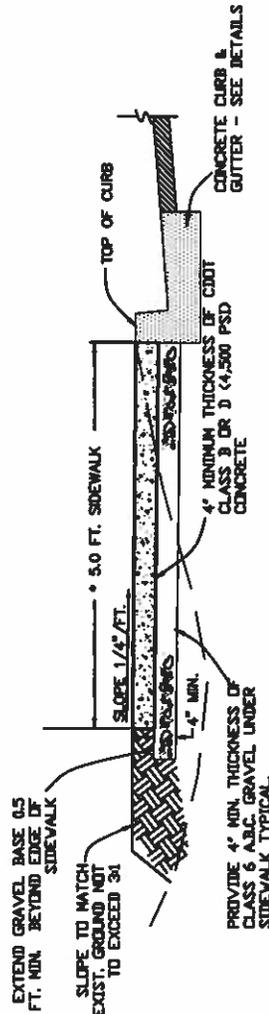
SHEET 1 OF 2

GENERAL NOTES:

1. ALL CONCRETE SHALL BE C-DOT CLASS B OR D, MINIMUM OF 4,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. MINIMUM COMPACTION OF C-DOT CL 6 A.B.C. UNDER CONCRETE SHALL BE 95% OF MODIFIED PROCTOR (ASTM-D1557)
3. IN AREAS WITHOUT SIDEWALKS, TRANSITION CURB AS SHOWN FOR DRIVEWAY OPENINGS.
4. ASPHALT APPROACH SHALL BE A MIN. OF 3" THICK, CONC. APPROACH SHALL BE A MIN. OF 4" THICK FOR RESIDENTIAL DRIVEWAYS AND A MIN. OF 6" THICK FOR COMMERCIAL DRIVEWAYS.
5. MAX. SLOPE OF 12:1 TRANSITION IF FULL WIDTH OF SIDEWALK IS USED AS RAMF.

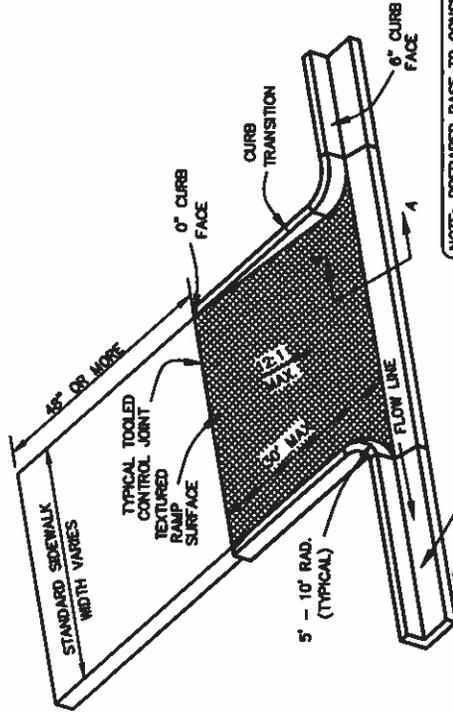


TYPICAL SIDEWALK @ DRIVEWAY



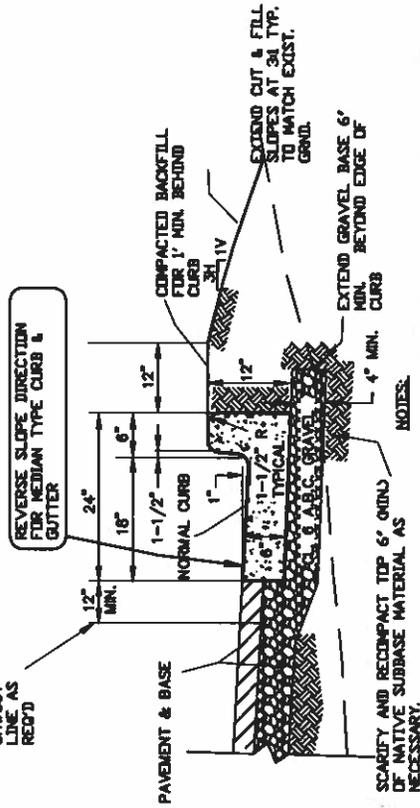
NOTE:

1. SIDEWALK WIDTHS SHALL BE 4 FT. MIN. AND MAY BE REQ'D TO BE AT LEAST 5 FT. WIDE IN AREAS OF HEAVY TRAFFIC, PARKS, SCHOOLS AND COMMERCIAL AREAS.
2. 1/2" EXPANSION JOINT MATERIAL SHALL BE PLACED AT 150 FOOT MAXIMUM INTERVALS.
3. BACKFILL AND RESTORATION OF SURFACE BEHIND SIDEWALK TO MATCH EXISTING CONDITIONS. SEE SPECIFICATIONS.
4. GRAVEL BASE C-DOT CLASS 6 SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR (ASTM-D1557).



NOTE: PREPARED BASE TO CONSIST OF 4" MIN. THICKNESS OF COMPACTED CLASS 6 GRAVEL. MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 95% AS DEFINED BY ASTM D1557 (MODIFIED PROCTOR)

RETURNED CURB



NOTES:
 ■ ALL CONCRETE SHALL BE C-DOT CLASS B OR D, MIN. 4,500 PSI COMPRESSIVE STRENGTH.
 ■ EXPANSION JOINTS TO BE AT 150 FT. MAX. INTERVAL.
 ■ CONTRACTION JOINTS TO BE AT 10 FT. MAX. INTERVAL.

STANDARD CURB & GUTTER

Computer File Information

Creation Date: 6/24/19 Initials: NPS

Last Modification Date: 7/12/19 Initials: NPS

Full Path: Z:\PADMIN\ENGINEERING\PERMITTING

Drawing File Name: 2019 DETAILS.DWG

CITY OF CORTEZ
 110 W. Progress Circle
 Cortez, Colorado 81321
 970-565-7320



STANDARD DETAILS FOR R.O.V. PERMIT APPLICATION

Issued by: City of Cortez Engineering Division