

FILING CERTIFICATION: DEPOSITED THIS DAY OF 20 , AT M., IN BOOK OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE , RECEPTION NUMBER .

SIGNED DEPT. Title\_17219\_ROW\_Title101.dgn

9/20/2011 10:09:04 AM C:\zROW\US40 Idaho Springs Drainage\Plan Revisions 09-19-2011\Title\_Sht\17219\_ROW\_Title101.dgn

Colorado Department of Transportation



18500 East Colfax Avenue  
Aurora, CO 80011  
Phone: 303-365-7410 FAX: 303-365-7350

Region 1

KAW

Sheet Revisions

| Date     | Description                          | Initials |
|----------|--------------------------------------|----------|
| 09/19/11 | REVISED SHEETS                       | DPW      |
|          | 1.01 2.02, 5.01, 7.12, 7.13 AND 7.14 |          |
|          |                                      |          |
|          |                                      |          |
|          |                                      |          |

Sheet Revisions

| Date     | Description | Initials |
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Sheet Revisions

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Right of Way Plans

Title Sheet

|                                                   |                 |              |           |
|---------------------------------------------------|-----------------|--------------|-----------|
| Project Number: NH 0703-349                       |                 |              |           |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |           |
| MP 0.61 to MP 1.27 (Seg. 70K)                     |                 |              |           |
| Project Code:                                     | Last Mod. Date: | Subset       | Sheet No. |
| 17219                                             | 09-19-11        | 1.01 to 1.01 | 1.01      |

# DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

## RIGHT OF WAY PLANS OF PROPOSED COLORADO PROJECT NO. NH 0703-349 STATE HIGHWAY NO. 70 \ US 40 CLEAR CREEK COUNTY

SHEET NO.

1.01  
2.01-2.02  
3-3G  
N/A  
5.01-5.01  
N/A  
7.01-7.14  
N/A  
N/A  
N/A

INDEX OF SHEETS

(1) Title Sheet  
(2) Tabulation of Properties  
(8) Project Control Diagram  
(NA) Land Survey Control Diagram  
(1) Monumentation Sheets  
(NA) Tabulation of Road Approach Sheets  
(14) Plan Sheets  
(NA) Ownership Map  
(3) Standard Plan No. M-100-1  
(2) Standard Plan No. M-629-1  
  
(31) Total Sheets

Scales of Original 11x17 Drawings

Plan Sheets 1"=30'

Detail Plan Sheet 7.09 & 7.11 1"=10'

Detail Plan Sheet 7.13 1"=20'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S80°07'28"E from I-70K CP 23+50 to I-70K CP 35+25. Both monuments are CDOT Type V, marked appropriately for the Colorado Blvd Station location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.

2. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

DEPARTMENT OF TRANSPORTATION

AUTHORIZED:

DATE

REGION 1 RIGHT OF WAY MANAGER

SURVEYOR STATEMENT (ROW PLAN)

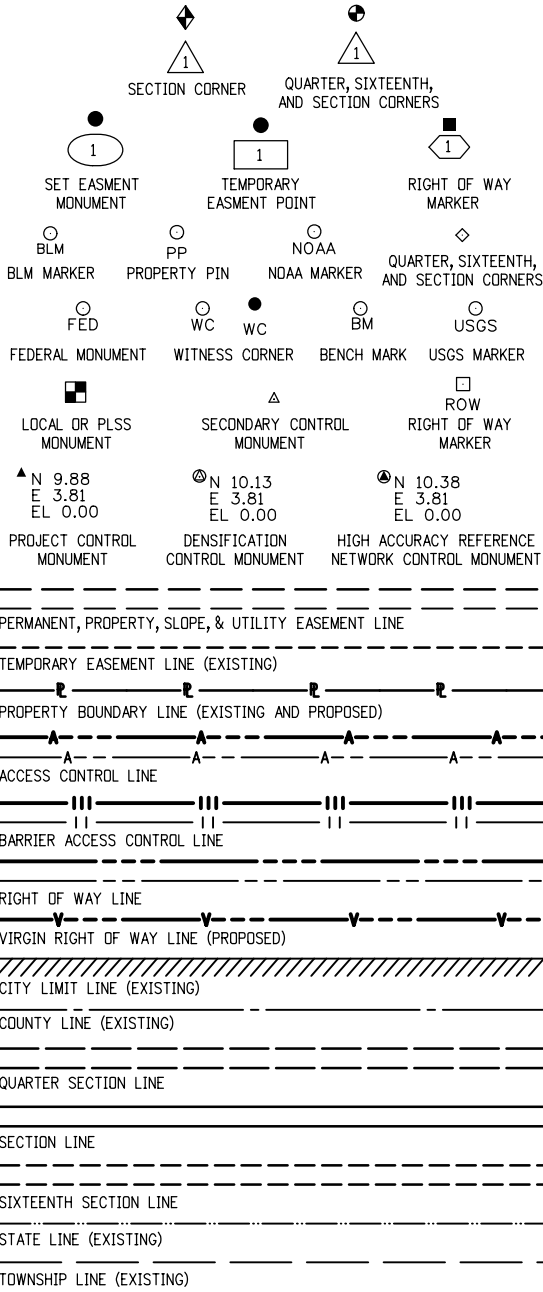
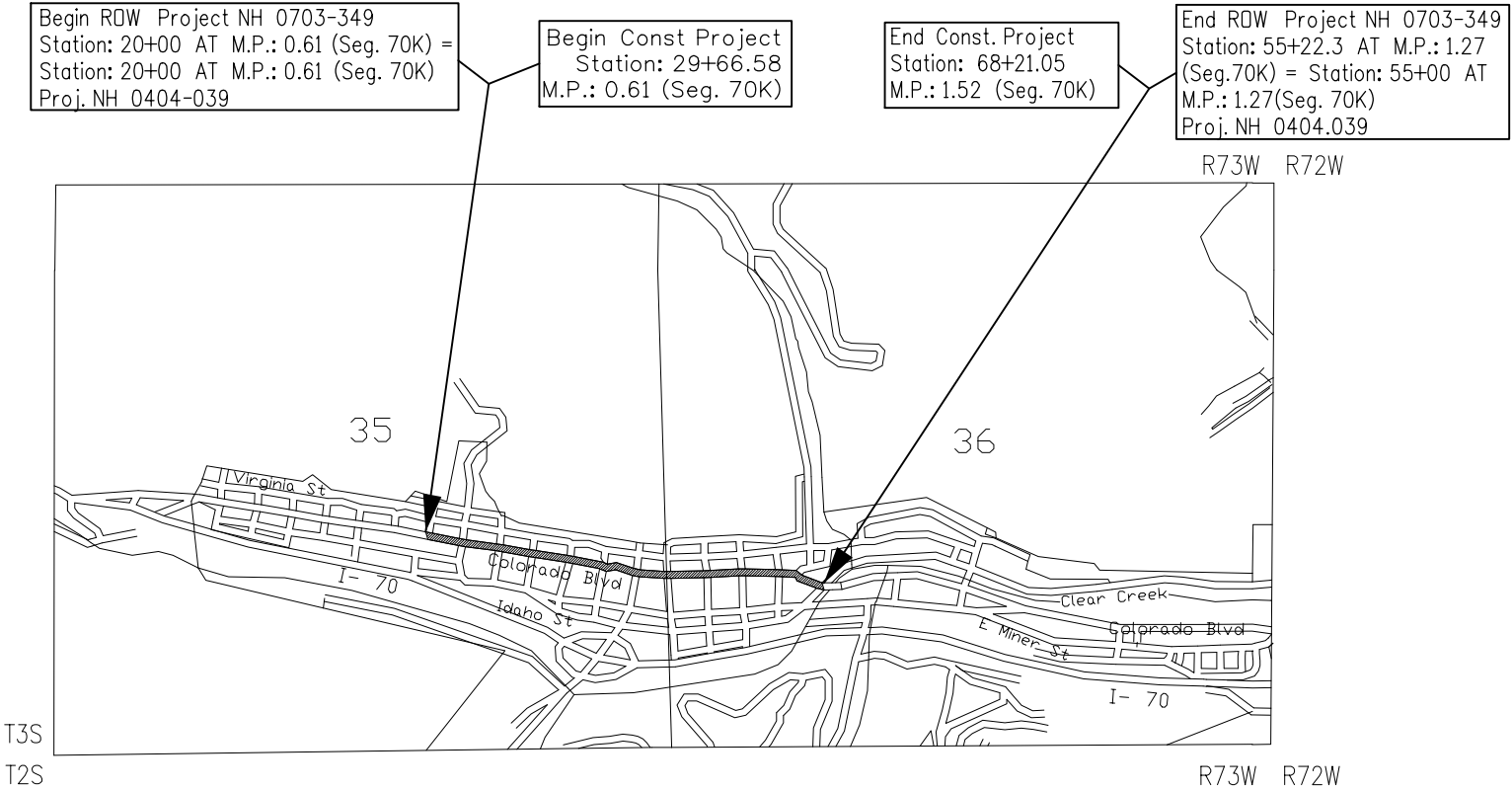
I, Kevin Williams, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 28294

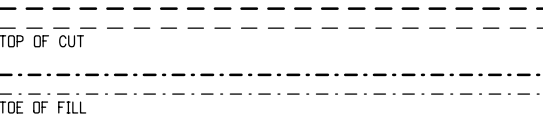
PROJECT LOCATION MAP



1" = 1,600'



SURVEY/ROW



TERRAIN

Note: For a complete listing of symbololgy used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale), except as noted with the word (existing). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).





COLORADO DEPARTMENT OF TRANSPORTATION



Region 1  
18500 E. Colfax Avenue  
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Survey Unit: Kevin A. Williams

Sheet Revisions

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I - 70 MP 0.22 to MP 1.28  
Situote in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Title Sheet

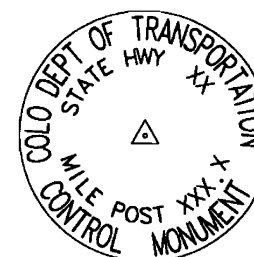
|                                                          |                |               |           |                     |
|----------------------------------------------------------|----------------|---------------|-----------|---------------------|
| Project Number: NH 0404-039                              |                |               |           |                     |
| Project Location: Idaho Springs Drainage - Phase 1       |                |               |           |                     |
| Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28) |                |               |           |                     |
| Project Code:                                            | Last Mod. Date | Subst. Sheets | Sheet No. | Total No. of Sheets |
| 13506                                                    | 11-13-03       | 1 of 8        | 3         | 53                  |

Prepared By:



**MOUNTAIN SURVEYING &  
MAPPING, INC.**

8751 E. HAMPDEN AVE. SUITE B-1  
DENVER, COLORADO 80231  
(303) 306-1858



Typical Control  
Mounment Cap  
Not to Scale

**BASIS OF BEARINGS:** All bearings are based on a grid bearing of S54°24'42"E on a line connecting I-70 CM-MP 238.80 (Type II Monument) and I-70 CM-MP 239.00 (Type II Mounument) as obtained from a Global Positioning System (GPS) survey based on the Colorado High Accuracy Reference Network (CHARN).

**BASIS OF ELEVATIONS:** Project is based on an elevation of 7,527.52 feet on NGS Bench Mark U 140, PID KK1160 a standard bench mark on a bridge. Elevation on U 140 is NAVD 88 Datum. Points on this Project were then tied in by means of running a Bench Loop. U 140 is a second order Bench Mark.

**COORDINATE DATUM:** Coordinates on this project are for the exclusive use of the CDOT for the construction of this project and are considered Project Coordinates only.



CP - Control Point Monuments set by CDOT. They were CDOT type 2 monuments, a 3-1/4" dia. aluminum control monument cap (as shown) on a 3' X 3/4" dia. finned aluminum security rod on a 3' X 3/4" dia. smooth aluminum rod.

**NOTE:** This control survey is for the use of the Colorado Department of Transportation personnel. The survey is not a complete Boundary Survey. Title Policy, Title Commitment, and Title Research were not part of this control survey, therefore, easements, rights, and restrictions of record are not shown. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restriction, as described in the instruments of record, were not included in this control survey.

**NOTE:** According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the statement shown.

**NOTE:** No guarantee as to the accuracy of the information contained on the attached drawing is either stated or implied unless this copy bears an original signature of the professional land surveyor hereon named.

**SURVEYORS STATEMENT:** I, Michael D. Heimbuck, a Professional Land Surveyor in the State of Colorado, hereby state that this Control Survey Diagram was prepared under my direct supervision this \_\_\_\_\_ day of \_\_\_\_\_, from a field survey performed under my supervision and checking for and on behalf of the Department of Transportation, State of Colorado, and is not a Land Survey Plat or Right-of-Way Survey Plat and to the best of my knowledge and belief this control survey, as shown, meets the minimum horizontal control tolerances of a Type B Survey and this topographic survey, as shown, meets the minimum horizontal control tolerances of a Type D Survey as listed in the Colorado Department of Transportation Survey Manual Chapter Three (Revised 4/29/92).

CONSTRUCTION SURVEYING AND MONUMENTATION REQUIREMENTS:

- 1). This Control Survey Diagram represents the horizontal and vertical control for the project established by the Division. It is possible that some of the survey control monuments listed have been disturbed or obliterated. It is the Contractor's responsibility to verify the existence and stability of the control monuments before submitting a bid price.
- 2). All Type 1 and Type 2 monuments shall be set flush with the ground. Witness posts shall be installed 1 foot from and facing all Type 1 and Type 2 monuments, or as directed by the Project Engineer.
- 3). Installation of Type 3 and Type 3-A monuments shall be completed in the same day that installation is commenced. Under no circumstances shall holes in the roadway be left open overnight.
- 4). When installing Type 3-A monuments, the aluminum access cover shall be positively secured to the PVC pipe with screws or glue. The access cover shall be caulked with asphalt caulking between the cover and the edges of the roadway surface to provide a positive moisture barrier around the access cover.
- 5). Control survey procedures, statistical analysis, and accuracy obtained for horizontal and vertical control shall be documented in the field book.
- 6). Legible copies of the field books shall be submitted to the Project Engineer for review on a monthly basis.
- 7). It is ultimately the prime Contractors responsibility to insure that these requirements, as well as any contained in the CDOT specifications, project special provisions, and CDOT Survey Manual are fulfilled under this contract.
- 8). The minimum staking intervals for each item are described on the plans or in the CDOT Survey Manual. If the contractor wishes to reduce the minimum intervals, a Contract Modification Order must be negotiated and the cost of the item reduced accordingly.

Michael D. Heimbuck PLS 17488

Recorded with ROW Plan  
NH 0403-039 at Reception  
Number 234107 dated  
07/15/05 in the office of the Clear  
Creek County Clerk & Recorders

COLORADO DEPARTMENT OF TRANSPORTATION



Region 1  
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I - 70 MP 0.22 to MP 1.28  
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Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Title Sheet

|                                                          |                |              |           |                     |
|----------------------------------------------------------|----------------|--------------|-----------|---------------------|
| Project Number: NH 0404-039                              |                |              |           |                     |
| Project Location: Idaho Springs Drainage -- Phase 1      |                |              |           |                     |
| Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28) |                |              |           |                     |
| Project Code:                                            | Last Mod. Date | Subst Sheets | Sheet No. | Total No. of Sheets |
| 13506                                                    | 11-13-03       | 2 of 8       | 3 A       | 53                  |

Prepared By:



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GEODETIC COORDINATE SUMMARY TABLE  
(ADJUSTED FIELD DATA)

| POINT NAME               | GEODETIC COORDINATES NAD-83(92) (CHARN) |                      | ELLIP.<br>(NAVD88)m | MAPPING<br>ANGLE | SCALE       | NAD 83(92) ZONE 0502 |             |
|--------------------------|-----------------------------------------|----------------------|---------------------|------------------|-------------|----------------------|-------------|
|                          | LATITUDE(N)                             | LONGITUDE(W)         |                     |                  |             | NORTHING (m)         | EASTING (m) |
| COLORADO BLVD STA 02+00  | 39° 44' 40.38865" N                     | 105° 31' 55.43652" W | 2306.981            | -0° 1' 12.80461" | 0.999998927 | 516967.637           | 911653.442  |
| COLORADO BLVD STA 08+00  | 39° 44' 38.86423" N                     | 105° 31' 47.72511" W | 2304.698            | -0° 1' 07.94110" | 0.999998844 | 516920.559           | 911837.025  |
| COLORADO BLVD STA 09+00  | 39° 44' 39.09083" N                     | 105° 31' 46.03921" W | 2305.429            | -0° 1' 06.87782" | 0.999998856 | 516927.534           | 911877.166  |
| COLORADO BLVD STA 11+00  | 39° 44' 38.37353" N                     | 105° 31' 43.99847" W | 2305.245            | -0° 1' 05.59075" | 0.999998817 | 516905.396           | 911925.747  |
| COLORADO BLVD STA 14+00  | 39° 44' 37.79126" N                     | 105° 31' 39.57738" W | 2300.999            | -0° 1' 02.80242" | 0.999998785 | 516887.405           | 912031.002  |
| COLORADO BLVD STA 20+50  | 39° 44' 37.24397" N                     | 105° 31' 31.85257" W | 2303.480            | -0° 0' 57.93046" | 0.999998756 | 516870.472           | 912214.917  |
| COLORADO BLVD STA 23+50  | 39° 44' 36.33662" N                     | 105° 31' 28.13104" W | 2303.964            | -0° 0' 55.58332" | 0.999998706 | 516842.464           | 912303.515  |
| COLORADO BLVD STA 29+50  | 39° 44' 35.76744" N                     | 105° 31' 20.84413" W | 2298.624            | -0° 0' 50.98755" | 0.999998675 | 516824.864           | 912477.005  |
| COLORADO BLVD STA 35+25  | 39° 44' 34.33930" N                     | 105° 31' 13.24791" W | 2294.163            | -0° 0' 46.19669" | 0.999998598 | 516780.776           | 912657.854  |
| COLORADO BLVD STA 38+25  | 39° 44' 33.84781" N                     | 105° 31' 09.39902" W | 2293.659            | -0° 0' 43.76924" | 0.999998571 | 516765.598           | 912749.490  |
| COLORADO BLVD STA 44+75  | 39° 44' 33.63345" N                     | 105° 31' 01.24795" W | 2288.365            | -0° 0' 38.62844" | 0.999998559 | 516758.948           | 912943.559  |
| COLORADO BLVD STA 51+00  | 39° 44' 34.69219" N                     | 105° 30' 53.56925" W | 2287.113            | -0° 0' 33.78557" | 0.999998617 | 516791.569           | 913126.389  |
| COLORADO BLVD STA 56+00  | 39° 44' 32.77748" N                     | 105° 30' 47.46628" W | 2281.544            | -0° 0' 29.93649" | 0.999998513 | 516732.494           | 913271.687  |
| COLORADO BLVD STA 59+50  | 39° 44' 33.86458" N                     | 105° 30' 42.46697" W | 2280.713            | -0° 0' 26.78347" | 0.999998572 | 516766.005           | 913390.722  |
| COLORADO BLVD STA 67+50  | 39° 44' 33.10217" N                     | 105° 30' 32.66902" W | 2274.743            | -0° 0' 20.60401" | 0.999998530 | 516742.465           | 913624.001  |
| COLORADO BLVD STA 73+75  | 39° 44' 30.44300" N                     | 105° 30' 25.74886" W | 2272.390            | -0° 0' 16.23954" | 0.999998386 | 516660.437           | 913788.759  |
| COLORADO BLVD STA 79+25  | 39° 44' 29.47192" N                     | 105° 30' 18.08895" W | 2272.657            | -0° 0' 11.40851" | 0.999998333 | 516630.475           | 913971.137  |
| COLORADO BLVD STA 87+00  | 39° 44' 29.87305" N                     | 105° 30' 09.26061" W | 2271.830            | -0° 0' 05.84057" | 0.999998355 | 516642.838           | 914181.337  |
| COLORADO BLVD STA 91+50  | 39° 44' 29.42010" N                     | 105° 30' 02.52058" W | 2269.210            | -0° 0' 01.58971" | 0.999998331 | 516628.865           | 914341.815  |
| COLORADO BLVD STA 97+50  | 39° 44' 29.68100" N                     | 105° 29' 54.54456" W | 2268.768            | 0° 0' 03.44069"  | 0.999998345 | 516636.913           | 914531.721  |
| COLORADO BLVD STA 103+50 | 39° 44' 30.66097" N                     | 105° 29' 48.33196" W | 2265.474            | 0° 0' 07.35891"  | 0.999998398 | 516667.140           | 914679.640  |
| I-70 CM-MP 238.80        | 39° 44' 40.87114" N                     | 105° 32' 06.29694" W | 2310.489            | -0° 1' 19.65416" | 0.999998953 | 516982.613           | 911394.876  |
| I-70 CM-MP 239.00        | 39° 44' 36.84882" N                     | 105° 31' 59.01017" W | 2308.170            | -0° 1' 15.05847" | 0.999998734 | 516858.494           | 911568.319  |
| I-70 CM-MP 241.00        | 39° 44' 27.73724" N                     | 105° 29' 45.03319" W | 2264.972            | 0° 0' 09.43941"  | 0.999998239 | 516576.971           | 914758.186  |
| I-70 CM-MP 241.20        | 39° 44' 34.08050" N                     | 105° 29' 36.83969" W | 2259.889            | 0° 0' 14.60697"  | 0.999998584 | 516772.618           | 914953.258  |

PROJECT COORDINATE SUMMARY TABLE  
(ADJUSTED FIELD DATA)

| POINT NAME               | PROJECT COORDINATES |            | ELEV(ft) | DESCRIPTION                                          |
|--------------------------|---------------------|------------|----------|------------------------------------------------------|
|                          | NORTH (ft)          | EAST (ft)  |          |                                                      |
| COLORADO BLVD STA 02+00  | 696084.39           | 991006.82  | 7607.17  | SET CDOT TYPE V MON. NW COR. COLORADO BLVD. & 1ST    |
| COLORADO BLVD STA 08+00  | 695929.88           | 991609.35  | 7599.72  | SET CDOT TYPE V MON. SW COR. COLORADO BLVD. & 3RD    |
| COLORADO BLVD STA 09+00  | 695952.77           | 991741.09  | 7602.12  | FOUND NGS BRASS CAP IDAHO, PID: KK2025               |
| COLORADO BLVD STA 11+00  | 695880.11           | 991900.54  | 7601.55  | SET CDOT TYPE V MON. SW COR. COLORADO BLVD. & 4TH    |
| COLORADO BLVD STA 14+00  | 695821.06           | 992245.99  | 7587.63  | SET CDOT TYPE V MON. SE COR. COLORADO BLVD & 5TH     |
| COLORADO BLVD STA 20+50  | 695765.49           | 992849.61  | 7595.80  | SET CDOT TYPE V MON. NE COR. COLORADO BLVD. & 7TH    |
| COLORADO BLVD STA 23+50  | 695673.56           | 993140.39  | 7597.43  | SET CDOT TYPE V MON. SE COR. COLORADO BLVD. & 8TH    |
| COLORADO BLVD STA 29+50  | 695615.80           | 993709.80  | 7579.96  | SET CDOT TYPE V MON. NW COR. COLORADO BLVD. & 10TH   |
| COLORADO BLVD STA 35+25  | 695471.10           | 994303.35  | 7565.32  | SET CDOT TYPE V MON. SW COR. COLORADO BLVD. & 12TH   |
| COLORADO BLVD STA 38+25  | 695421.29           | 994604.11  | 7563.71  | SET CDOT TYPE V MON. SW COR. COLORADO BLVD. & 13TH   |
| COLORADO BLVD STA 44+75  | 695399.46           | 995241.05  | 7546.35  | SET CDOT TYPE V MON. SE COR. COLORADO BLVD. & 15TH   |
| COLORADO BLVD STA 51+00  | 695506.52           | 995841.11  | 7542.27  | SET CDOT TYPE V MON. NE COR. COLORADO BLVD. & 17TH   |
| COLORADO BLVD STA 56+00  | 695312.64           | 996317.99  | 7524.03  | SET CDOT TYPE V MON. SE COR. BRIDGE OVER CLEAR CREEK |
| COLORADO BLVD STA 59+50  | 695422.62           | 996708.67  | 7521.32  | SET CDOT TYPE V MON. N. SIDE @ STORAGE UNITS         |
| COLORADO BLVD STA 67+50  | 695345.36           | 997474.30  | 7501.76  | SET CDOT TYPE V MON. NE COR. COLORADO BLVD. & 23RD   |
| COLORADO BLVD STA 73+75  | 695076.14           | 998015.05  | 7494.08  | SET CDOT TYPE V MON. S. SIDE @ 7-11 CONVIENCE STORE  |
| COLORADO BLVD STA 79+25  | 694977.81           | 998613.62  | 7494.99  | SET CDOT TYPE V MON. S. SIDE @ MOTOR LODGE           |
| COLORADO BLVD STA 87+00  | 695018.38           | 999303.51  | 7492.28  | SET CDOT TYPE V MON. N. SIDE @ PHILLIPS 66 STATION   |
| COLORADO BLVD STA 91+50  | 694972.52           | 999830.21  | 7483.73  | SET CDOT TYPE V MON. S. SIDE @ LAUNDROMAT            |
| COLORADO BLVD STA 97+50  | 694998.94           | 1000453.49 | 7482.32  | SET CDOT TYPE V MON. S. SIDE @ COUNTRY STORE         |
| COLORADO BLVD STA 103+50 | 695098.14           | 1000938.97 | 7471.52  | SET CDOT TYPE V MON. S. SIDE @ McDONALDS             |
| I-70 CM-MP 238.80        | 696133.54           | 990158.19  | 7618.62  | FOUND CDOT TYPE II MON. N. SIDE OF INTERSTATE        |
| I-70 CM-MP 239.00        | 695726.17           | 990727.44  | 7611.07  | FOUND CDOT TYPE II MON. S. SIDE OF INTERSTATE        |
| I-70 CM-MP 241.00        | 694802.20           | 1001196.76 | 7469.92  | FOUND CDOT TYPE II MON. S. SIDE OF INTERSTATE        |
| I-70 CM-MP 241.20        | 695444.33           | 1001837.00 | 7453.24  | FOUND CDOT TYPE II MON. N. SIDE OF INTERSTATE        |

COLORADO DEPARTMENT OF TRANSPORTATION



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Sheet Revisions

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I - 70 MP 0.22 to MP 1.28  
Situates in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

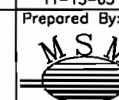
Plan Sheet

Project Number: NH 0404-039

Project Location: Idaho Springs Drainage - Phase 1

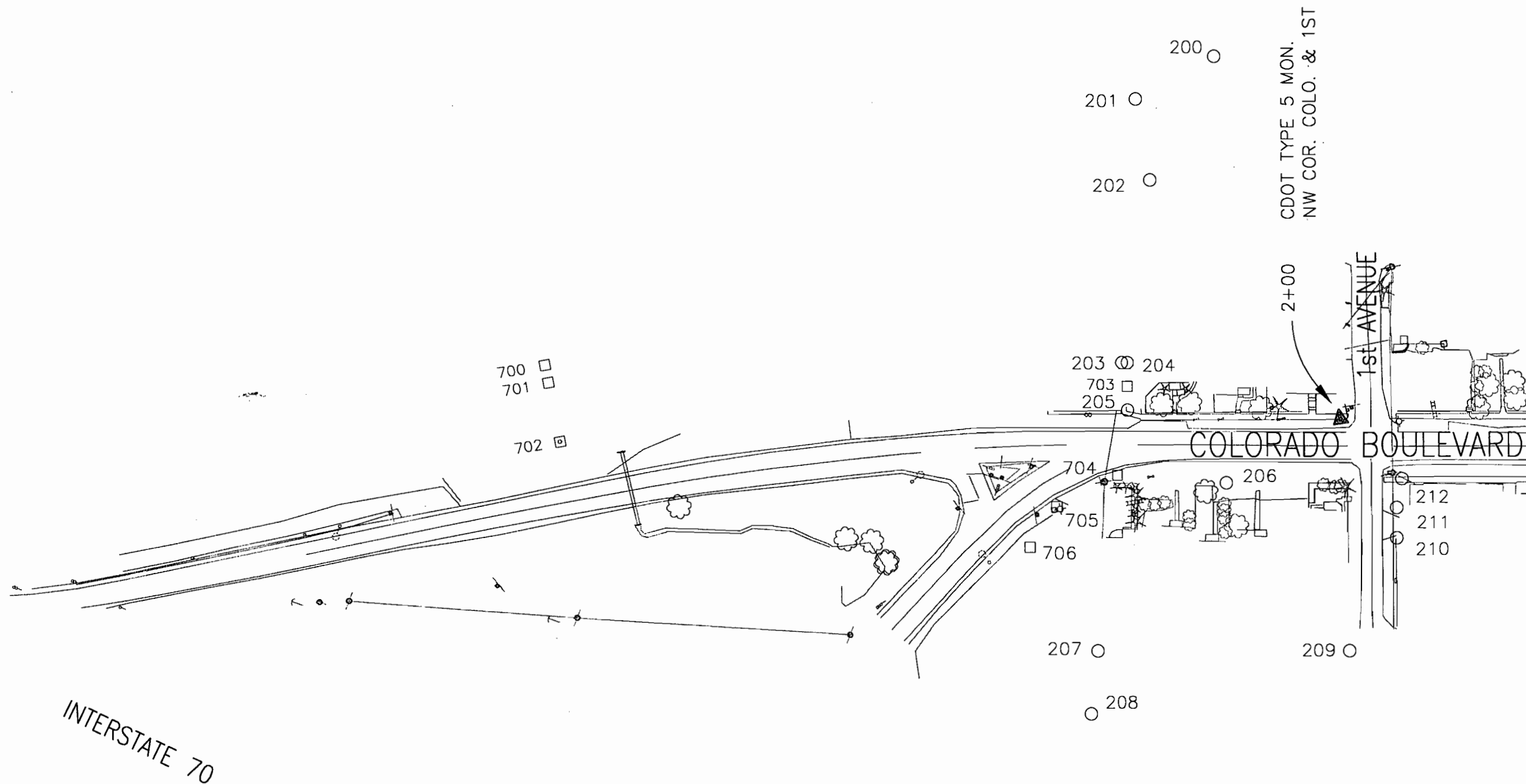
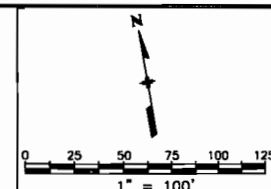
Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28)

| Project Code | Last Mod. Date | Subset Sheets | Sheet No. | Total No. of Sheets |
|--------------|----------------|---------------|-----------|---------------------|
| 13506        | 11-13-03       | 3 of 8        | 3 B       | 53                  |



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Situates in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: NH 0404-039

Project Location: Idaho Springs Drainage - Phase 1

Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28)

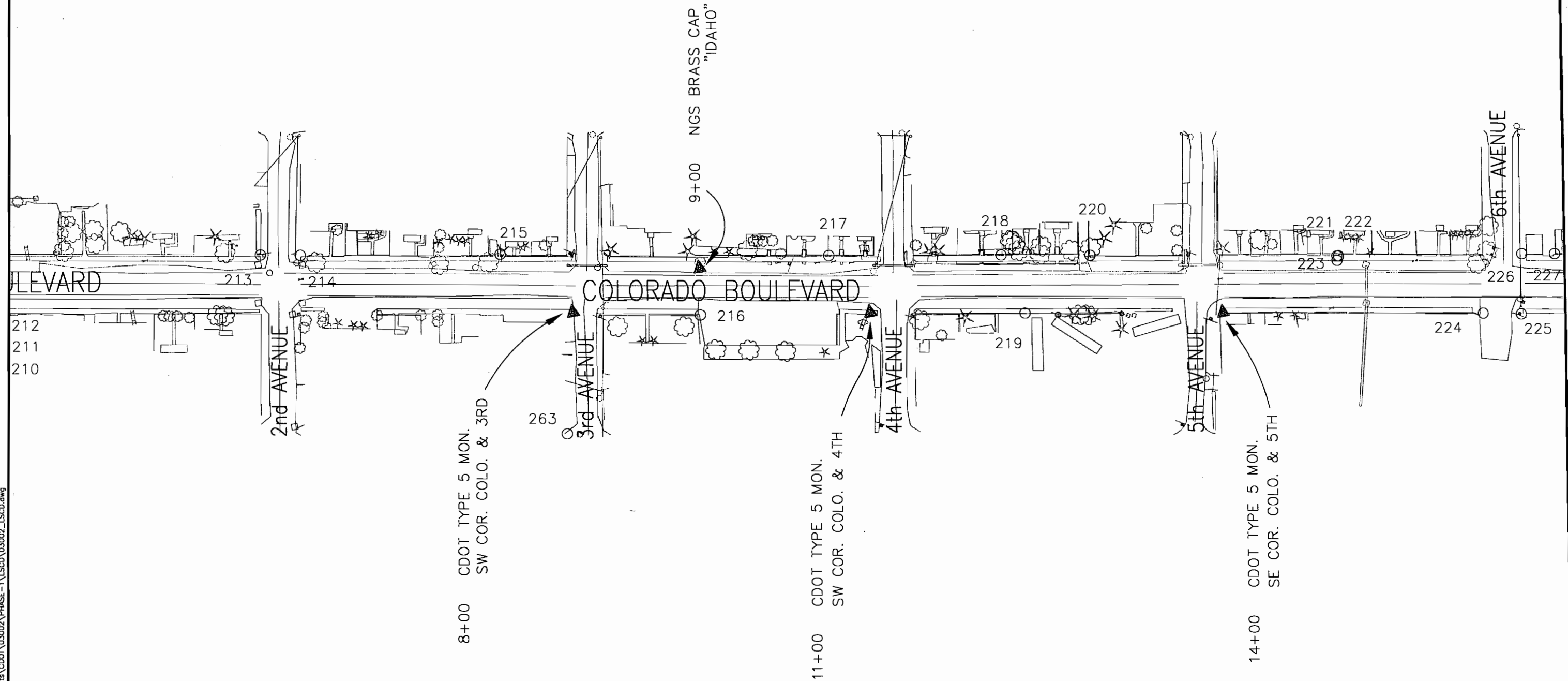
| Project Code | Last Mod. Date | Subset Sheets | Sheet No. | Total No. of Sheets |
|--------------|----------------|---------------|-----------|---------------------|
| 13506        | 11-13-03       | 4 of 8        | 3 C       | 53                  |

Prepared By:



MOUNTAIN SURVEYING &  
MAPPING, INC.

8751 E. HAMPDEN AVE. SUITE B-1  
DENVER, COLORADO 80231  
(303) 306-1858



COLORADO DEPARTMENT OF TRANSPORTATION



Region 1  
18500 E. Colfax Avenue  
Aurora, CO 80011  
Phone: (303) 757-9117 FAX: (303) 757-9746

Survey Unit: Kevin A. Williams

Sheet Revisions

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1 - 70 MP 0.22 to MP 1.28  
Situates in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: NH 0404-039

Project Location: Idaho Springs Drainage - Phase 1

Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28)

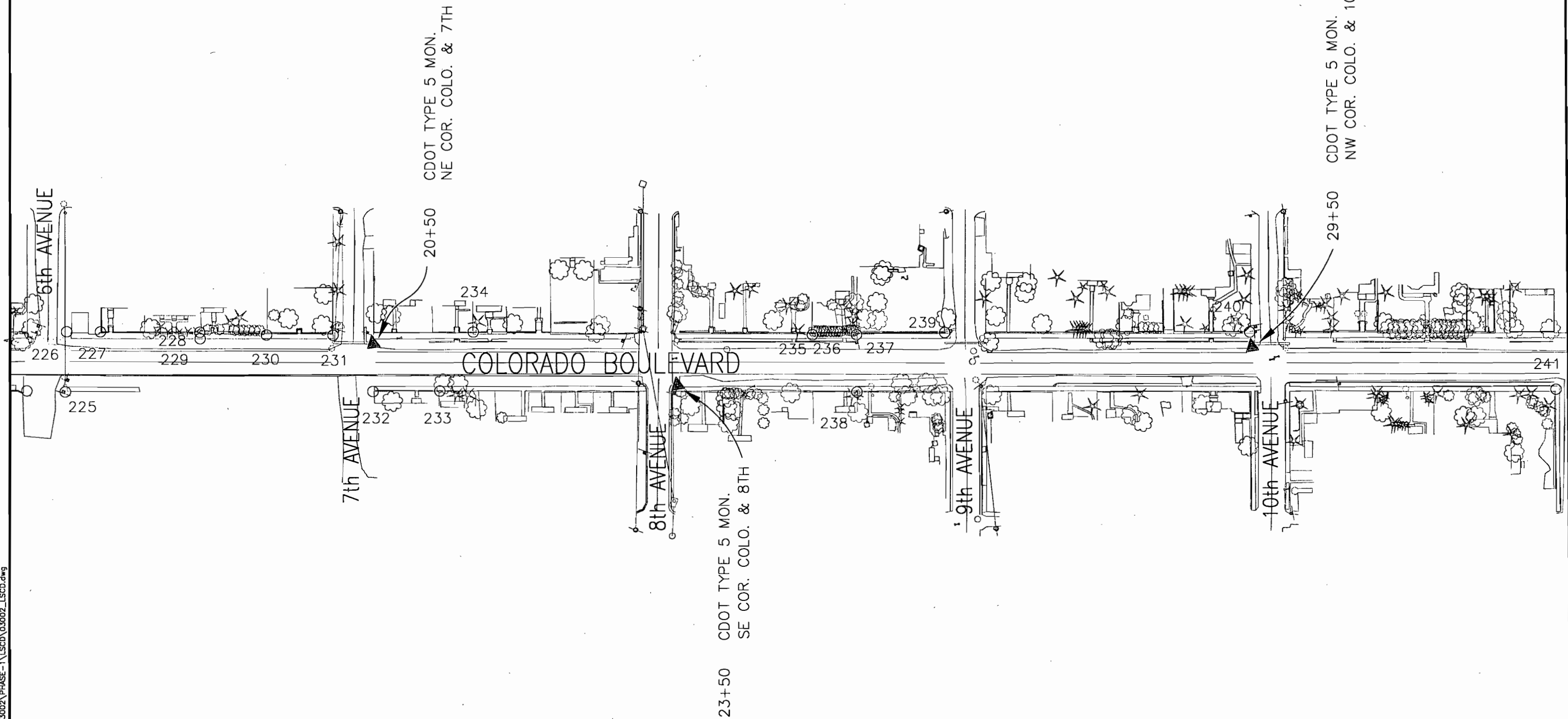
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| 13506        | 11-13-03       | 5 of 8        | 3 D       | 53                  |

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1 - 70 MP 0.22 to MP 1.28  
Situates in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: NH 0404-039

Project Location: Idaho Springs Drainage - Phase 1

Project Location: Colo. Blvd. (1-70K MP 0.22 to MP 1.28)

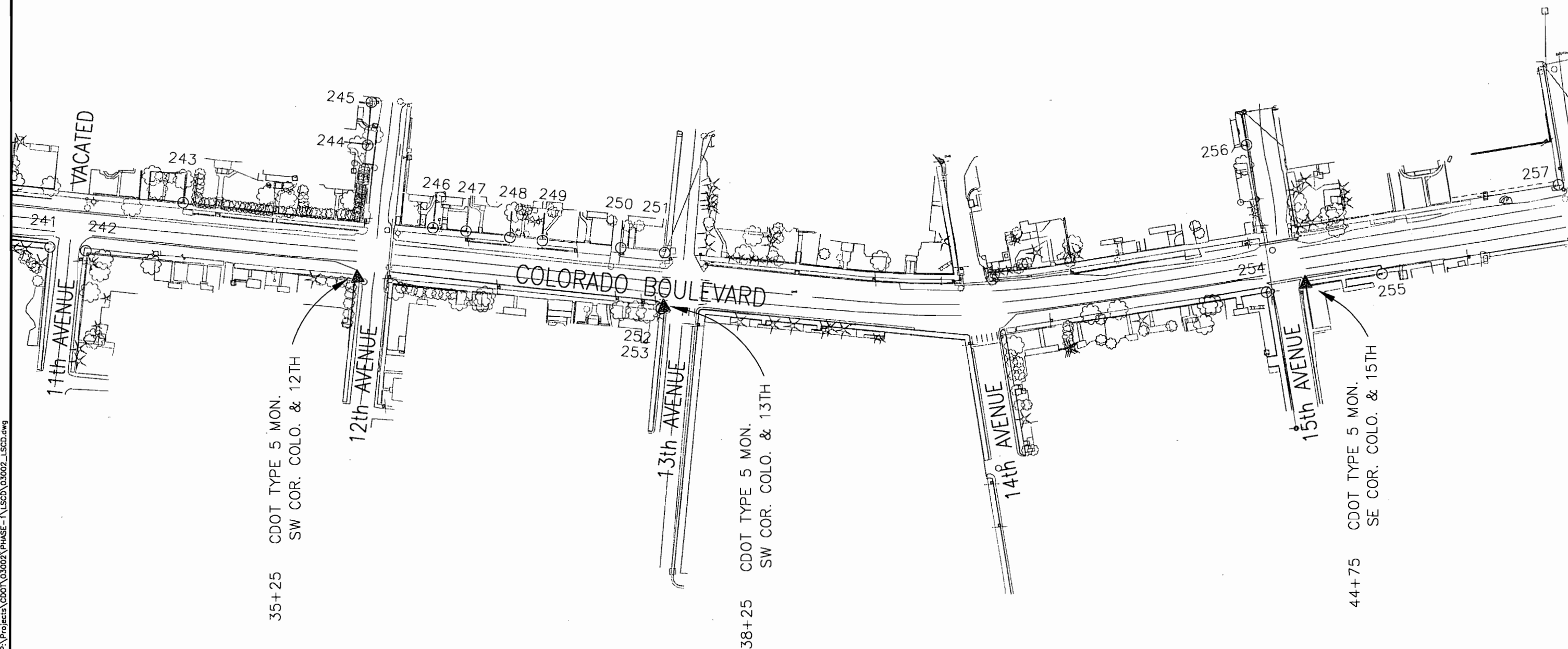
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| 13506        | 11-13-03       | 6 of 8        | 3 E       | 53                  |

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1 - 70 MP 0.22 to MP 1.28  
Situates in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

Plan Sheet

Project Number: NH 0404-039

Project Location: Idaho Springs Drainage - Phase 1

Project Location: Colo. Blvd. (1-70K MP 0.22 to MP 1.28)

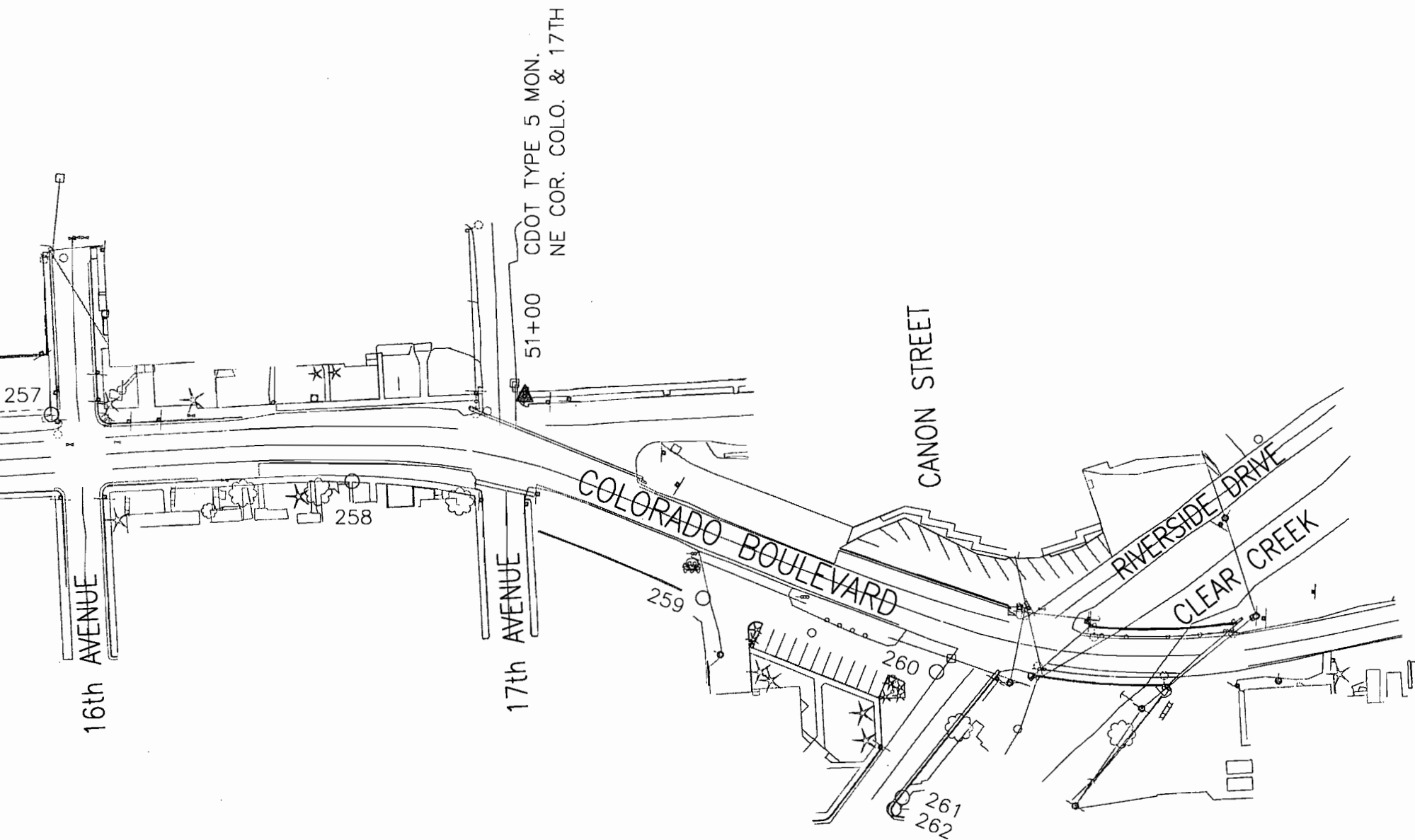
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| 13506        | 11-13-03       | 7 of 8        | 3 F       | 53                  |

Prepared By:



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MAPPING, INC.**

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Region 1  
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Survey Unit: Kevin A. Williams

Sheet Revisions

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1 - 70 MP 0.22 to MP 1.28  
Situate in

Section 35 and 36, T. 3 S., R. 73 W. of the 6th P.M.

CLEAR CREEK COUNTY, STATE OF COLORADO.

Project Control Diagram

|                                                          |                |               |           |                     |
|----------------------------------------------------------|----------------|---------------|-----------|---------------------|
| Plan Sheet                                               |                |               |           |                     |
| Project Number: NH 0404-039                              |                |               |           |                     |
| Project Location: Idaho Springs Drainage - Phase 1       |                |               |           |                     |
| Project Location: Colo. Blvd. (I-70K MP 0.22 to MP 1.28) |                |               |           |                     |
| Project Code:                                            | Last Mod. Date | Subset Sheets | Sheet No. | Total No. of Sheets |
| 13506                                                    | 11-13-03       | 8 of 8        | 3 G       | 53                  |

Prepared By:  
  
MOUNTAIN SURVEYING &  
MAPPING, INC.  
8751 E. HAMPDEN AVE. SUITE B-1  
DENVER, COLORADO 80231  
(303) 306-1858

TABULATION OF FOUND SURVEY MARKERS

| POINT NO. | NORTHING  | EASTING   | DESCRIPTION                                            |
|-----------|-----------|-----------|--------------------------------------------------------|
| 200       | 696397.79 | 990956.97 | FOUND 3.25" ALUM CAP NS 13882 I.S. ANNEX 1997 LS 25373 |
| 201       | 696374.09 | 990885.64 | FOUND 3.25" ALUM CAP NS 13882 I.S. ANNEX 1997 LS 25373 |
| 202       | 696305.32 | 990885.92 | FOUND 3.25" ALUM CAP 14747A-6 5TS #19 773-4 5240       |
| 203       | 696159.52 | 990835.75 | FOUND 1" PIN & CAP MW RUST LS 6630                     |
| 204       | 696158.61 | 990840.65 | FOUND 1" PIN & CAP MW RUST LS UNREADABLE               |
| 205       | 696119.50 | 990834.06 | FOUND 1" PIN & CAP UNREADABLE                          |
| 206       | 696045.74 | 990905.93 | FOUND 1.25" PIN & CAP FAIR 18454                       |
| 207       | 695925.33 | 990774.52 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 208       | 695874.39 | 990760.09 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 209       | 695890.48 | 990980.82 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 210       | 695976.80 | 991035.76 | FOUND 1.25" PIN & CAP UNREADABLE                       |
| 211       | 696001.84 | 991040.17 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 212       | 696024.97 | 991048.55 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 213       | 696036.69 | 991313.63 | FOUND # 4 REBAR                                        |
| 214       | 696029.70 | 991352.94 | FOUND 1.25" PIN & CAP UNREADABLE                       |
| 215       | 695997.74 | 991548.35 | FOUND 2" PIPE INSIDE A 3" PIPE                         |
| 216       | 695904.58 | 991733.78 | FOUND # 5 REBAR                                        |
| 217       | 695941.92 | 991869.86 | FOUND CHISELED CROSS                                   |
| 218       | 695913.61 | 992037.96 | FOUND CHISELED CROSS                                   |
| 219       | 695852.06 | 992051.50 | FOUND CHISELED CROSS                                   |
| 220       | 695898.27 | 992126.01 | FOUND # 5 REBAR                                        |
| 221       | 695855.32 | 992370.07 | FOUND CHISELED CROSS                                   |
| 222       | 695855.12 | 992371.63 | FOUND CHISELED CROSS                                   |
| 223       | 695851.04 | 992369.36 | FOUND CHISELED CROSS                                   |
| 224       | 695774.41 | 992502.67 | FOUND 0.5" STEEL BOLT                                  |
| 225       | 695767.09 | 992540.69 | FOUND 1.25" PIN & CAP LS 5240                          |
| 226       | 695826.35 | 992552.18 | FOUND 1.25" PIN & CAP LS 5240                          |
| 227       | 695820.78 | 992584.73 | FOUND 1.25" PIN & CAP GREG MARKELL LS 25373            |
| 228       | 695803.81 | 992682.22 | FOUND CHISELED CROSS                                   |
| 229       | 695797.38 | 992681.51 | FOUND CHISELED CROSS                                   |
| 230       | 695789.98 | 992746.87 | FOUND CHISELED CROSS                                   |
| 231       | 695778.75 | 992811.90 | FOUND CHISELED CROSS                                   |

TABULATION OF FOUND SURVEY MARKERS

| POINT NO. | NORTHING  | EASTING   | DESCRIPTION                                  |
|-----------|-----------|-----------|----------------------------------------------|
| 232       | 695716.38 | 992841.36 | FOUND # 8 REBAR                              |
| 233       | 695705.89 | 992906.49 | FOUND 0.75" SMOOTH ROD                       |
| 234       | 695758.64 | 992949.53 | FOUND 0.75" PIPE                             |
| 235       | 695699.38 | 993281.04 | FOUND CHISELED CROSS                         |
| 236       | 695699.36 | 993281.08 | FOUND CHISELED CROSS                         |
| 237       | 695692.03 | 993324.53 | FOUND CHISELED CROSS                         |
| 238       | 695635.25 | 993315.04 | FOUND 1.25" PIN & CAP STECK PLS 14057        |
| 239       | 695679.58 | 993410.99 | FOUND CHISELED CROSS                         |
| 240       | 695628.97 | 993710.17 | FOUND 1.25" PIN & CAP PLS 25373              |
| 241       | 695520.77 | 994001.98 | FOUND CHISELED CROSS                         |
| 242       | 695514.71 | 994037.45 | FOUND CHISELED CROSS                         |
| 243       | 695556.15 | 994135.90 | FOUND CHISELED CROSS IN CONC. POST           |
| 244       | 695600.98 | 994322.51 | FOUND 1" METAL ROD NO CAP                    |
| 245       | 695643.56 | 994329.31 | FOUND 1" PIN & CAP SET VERT IN WALL LS 25373 |
| 246       | 695514.37 | 994381.41 | FOUND CHISELED CROSS                         |
| 247       | 695508.93 | 994413.97 | FOUND CHISELED CROSS                         |
| 248       | 695499.60 | 994456.89 | FOUND CHISELED CROSS                         |
| 249       | 695494.27 | 994488.50 | FOUND CHISELED CROSS                         |
| 250       | 695481.79 | 994565.13 | FOUND CHISELED CROSS                         |
| 251       | 695473.90 | 994608.72 | FOUND CHISELED CROSS                         |
| 252       | 695418.87 | 994601.34 | FOUND CHISELED CROSS                         |
| 253       | 695418.27 | 994601.25 | FOUND CHISELED CROSS                         |
| 254       | 695392.14 | 995200.65 | FOUND CHISELED CROSS                         |
| 255       | 695402.22 | 995317.10 | FOUND CHISELED CROSS                         |
| 256       | 695540.32 | 995192.05 | FOUND CHISELED CROSS                         |
| 257       | 695478.62 | 995498.42 | FOUND # 6 REBAR                              |
| 258       | 695437.78 | 995718.58 | FOUND CHISELED CROSS                         |
| 259       | 695360.62 | 995976.00 | FOUND # 6 REBAR                              |
| 260       | 695312.28 | 996147.22 | FOUND # 5 REBAR                              |
| 261       | 695219.10 | 996125.15 | FOUND CHISELED CROSS                         |
| 262       | 695210.46 | 996119.25 | FOUND CHISELED CROSS                         |
| 263       | 695808.83 | 991583.02 | FOUND # 5 REBAR                              |

TABULATION OF FOUND ROW MARKERS

| POINT NO. | NORTHING  | EASTING   | DESCRIPTION                                      |
|-----------|-----------|-----------|--------------------------------------------------|
| 700       | 696237.17 | 990365.42 | FOUND CDOT MONUMENT NO. 409 PLS 25384 PROJ 12691 |
| 701       | 696222.25 | 990365.66 | FOUND CDOH MONUMENT NO. 181F STA 449+50 7668.88  |
| 702       | 696172.27 | 990366.94 | FOUND CDOH MONUMENT NO. 181F STA 449+500 7628.3  |
| 703       | 696139.01 | 990837.18 | FOUND CDOT MONUMENT NO. 408 PLS 25384 PROJ 12691 |
| 704       | 696067.34 | 990816.09 | FOUND 4' X 8' CONC POST FAP 181A-181E            |
| 705       | 696049.76 | 990762.01 | FOUND CDOT MONUMENT NO. 401 PLS 25384 PROJ 12691 |
| 706       | 696020.01 | 990734.60 | FOUND CDOT MONUMENT NO. 400 PLS 25384 PROJ 12691 |

Colorado Department of Transportation



18500 East Colfax Avenue  
Aurora, CO 80011  
Phone: 303-365-7410 FAX: 303-365-7350

Region 1

KAW

Sheet Revisions

| Date     | Description                                                               | Initials |
|----------|---------------------------------------------------------------------------|----------|
| 09/19/11 | DELETE COORDINATE VALUES AND STATION / OFFSET FOR POINT NUMBERS 838 & 839 | DPW      |
| 09/19/11 | ADD TABULATION OF PERMANENT EASEMENT POINTS 50, 51, & 52                  | DPW      |

Sheet Revisions

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Sheet Revisions

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Right of Way Plans

Monumentation Sheet

|                                                   |                |              |           |
|---------------------------------------------------|----------------|--------------|-----------|
| Project Number: NH 0703-349                       |                |              |           |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                |              |           |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                |              |           |
| Project Code:                                     | Last Mod. Date | Subset       | Sheet No. |
| 17219                                             | 09-19-11       | 5.01 to 5.01 | 5.01      |



TABULATION OF R.O.W. MONUMENTS TO BE SET

| Point No.      | Northing(ft)         | Easting(ft)          | Description                             | Station             | Offset               |
|----------------|----------------------|----------------------|-----------------------------------------|---------------------|----------------------|
| <del>838</del> | <del>695273.10</del> | <del>996230.05</del> | <del>Right of Way Monument Type 1</del> | <del>54+93.61</del> | <del>57.17' RT</del> |
| <del>839</del> | <del>695297.94</del> | <del>996262.65</del> | <del>Right of Way Monument Type 1</del> | <del>55+22.34</del> | <del>30.00' RT</del> |

TABULATION OF PERMANENT EASEMENT POINTS

| Point No. | Northing(ft) | Easting(ft) | Description      |  |  |
|-----------|--------------|-------------|------------------|--|--|
| 50        | 695357.87    | 996265.50   | P.O.B. PE-262    |  |  |
| 51        | 695386.09    | 996299.11   | ANGLE PT. PE-262 |  |  |
| 52        | 695358.99    | 996321.85   | ANGLE PT. PE-262 |  |  |

General Notes:

- All centerline and offset stationing may not represent the centerline as constructed in the field.
- Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
- This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

COORDINATE DATUM:  
Project Origin: N = 1,695,527.03545 ft E = 2,995,954.17868 ft  
Combined Scale Factor: 1.0003728000  
Coordinate Truncation: N = 1,000,000.474 ft E = 1,999,974.331 ft

Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing (m) \* (3937/1200) - 1,695,527.03545 (N origin ft) \* 1.0003728000 + 1,695,527.03545 (N origin ft) - 1,000,000.474 (N truncation ft).

Project Coordinates Easting US Survey Feet= (State Plane Coordinate Easting (m)\* (3937/1200) - 2,995,954.17868 (E origin ft) \* 1.0003728000 + 2,995,954.17868 (E origin ft) 1,999,974.331 (E truncation ft).

TABULATION OF TEMPORARY EASEMENT POINTS TO BE STAKED

| Point No. | Northing(ft) | Easting(ft) |  |  |
|-----------|--------------|-------------|--|--|
| 316       | 695699.86    | 992936.67   |  |  |
| 317       | 695697.63    | 992949.80   |  |  |
| 318       | 695669.10    | 992944.93   |  |  |
| 319       | 695670.86    | 992934.59   |  |  |
| 320       | 695694.41    | 992968.64   |  |  |
| 321       | 695666.26    | 992961.57   |  |  |
| 322       | 695578.57    | 993647.69   |  |  |
| 323       | 695563.78    | 993645.16   |  |  |
| 324       | 695567.11    | 993625.64   |  |  |
| 325       | 695581.90    | 993628.16   |  |  |
| 326       | 695482.41    | 995537.80   |  |  |
| 327       | 695484.87    | 995537.58   |  |  |
| 328       | 695490.93    | 995603.30   |  |  |
| 329       | 695488.34    | 995603.54   |  |  |
| 330       | 695491.88    | 995613.55   |  |  |
| 331       | 695512.30    | 995611.67   |  |  |
| 332       | 695516.76    | 995660.00   |  |  |
| 333       | 695493.62    | 995662.13   |  |  |
| 334       | 695489.43    | 994170.16   |  |  |
| 335       | 695486.60    | 994186.79   |  |  |
| 336       | 695477.25    | 994185.20   |  |  |
| 337       | 695480.09    | 994168.58   |  |  |
| 338       | 695369.65    | 996181.06   |  |  |
| 339       | 695373.29    | 996220.05   |  |  |
| 340       | 695360.77    | 996230.46   |  |  |

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR STATEMENT (R.O.W. MONUMENTS)

I, \_\_\_\_\_, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculations and evaluation of survey evidence were performed and the Right-of-Way monuments depicted on this Right-of-Way Plan were set under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. xxxxx

Colorado Department of Transportation



18500 East Colfax Avenue  
Aurora, CO 80011  
Phone: 303-365-7410 FAX: 303-365-7350

Region 1

KAW

Sheet Revisions

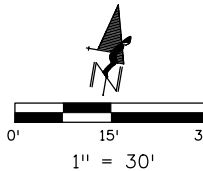
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Right of Way Plans

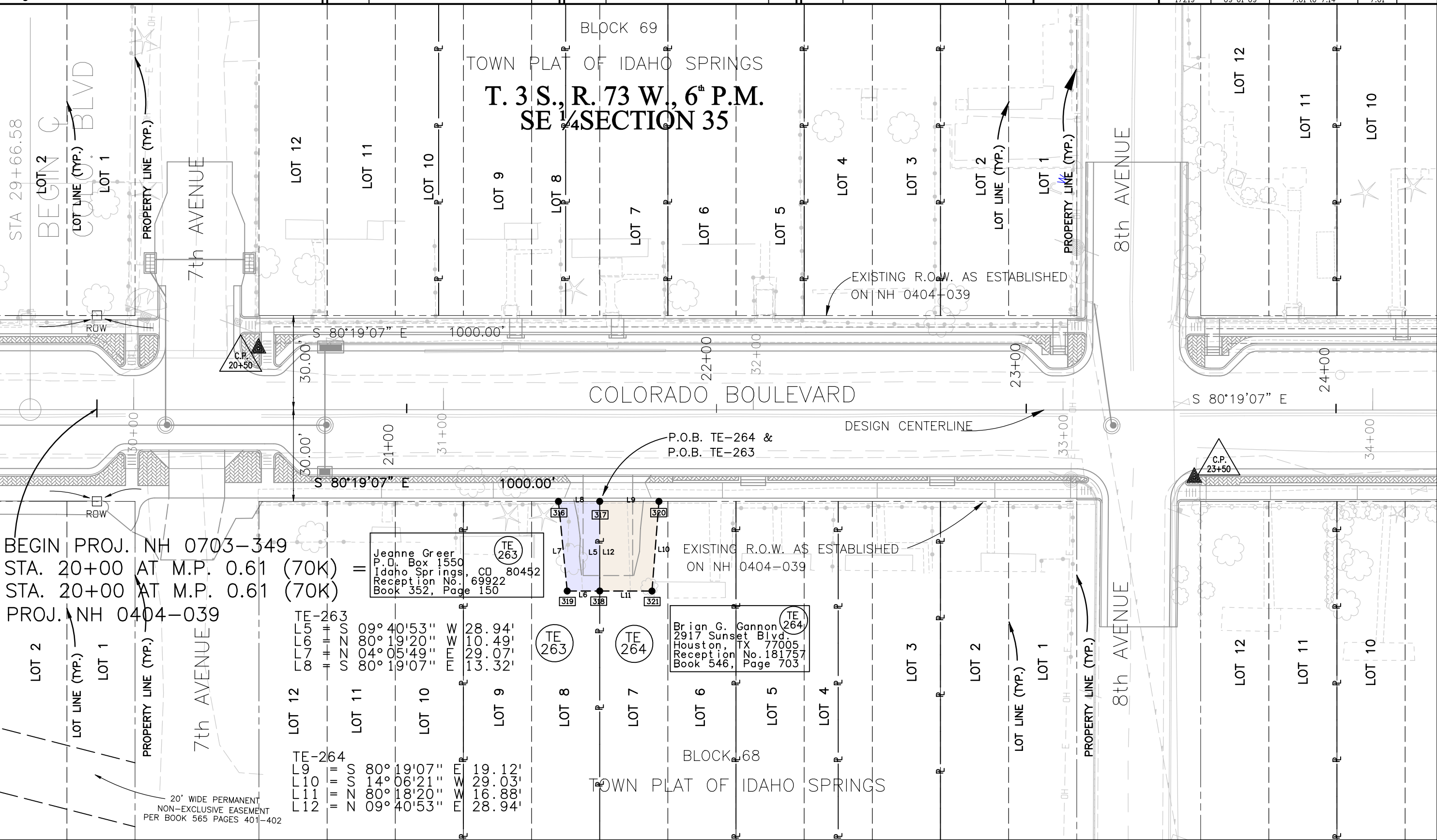
Plan Sheet

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|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
| 17219                                             | 09-01-09        | 7.01 to 7.14 | 7.01       |

BLOCK 69

TOWN PLAT OF IDAHO SPRINGS

T. 3 S., R. 73 W., 6<sup>th</sup> P.M.  
SE 1/4 SECTION 35



BEGIN PROJ. NH 0703-349

STA. 20+00 AT M.P. 0.61 (70K)

STA. 20+00 AT M.P. 0.61 (70K)

PROJ. NH 0404-039

Jeanne Greer  
P.O. Box 1550  
Idaho Springs, CO 80452  
Reception No. 69922  
Book 352, Page 150

EXISTING R.O.W. AS ESTABLISHED  
ON NH 0404-039

Brian G. Gannon  
2917 Sunset Blvd.  
Houston, TX 77005  
Reception No. 181757  
Book 546, Page 703

20' WIDE PERMANENT  
NON-EXCLUSIVE EASEMENT  
PER BOOK 565 PAGES 401-402

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Colorado Department of Transportation



18500 East Colfax Avenue  
Aurora, CO 80011  
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Region 1

KAW

Sheet Revisions

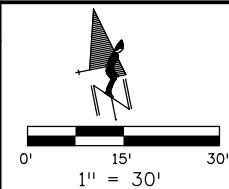
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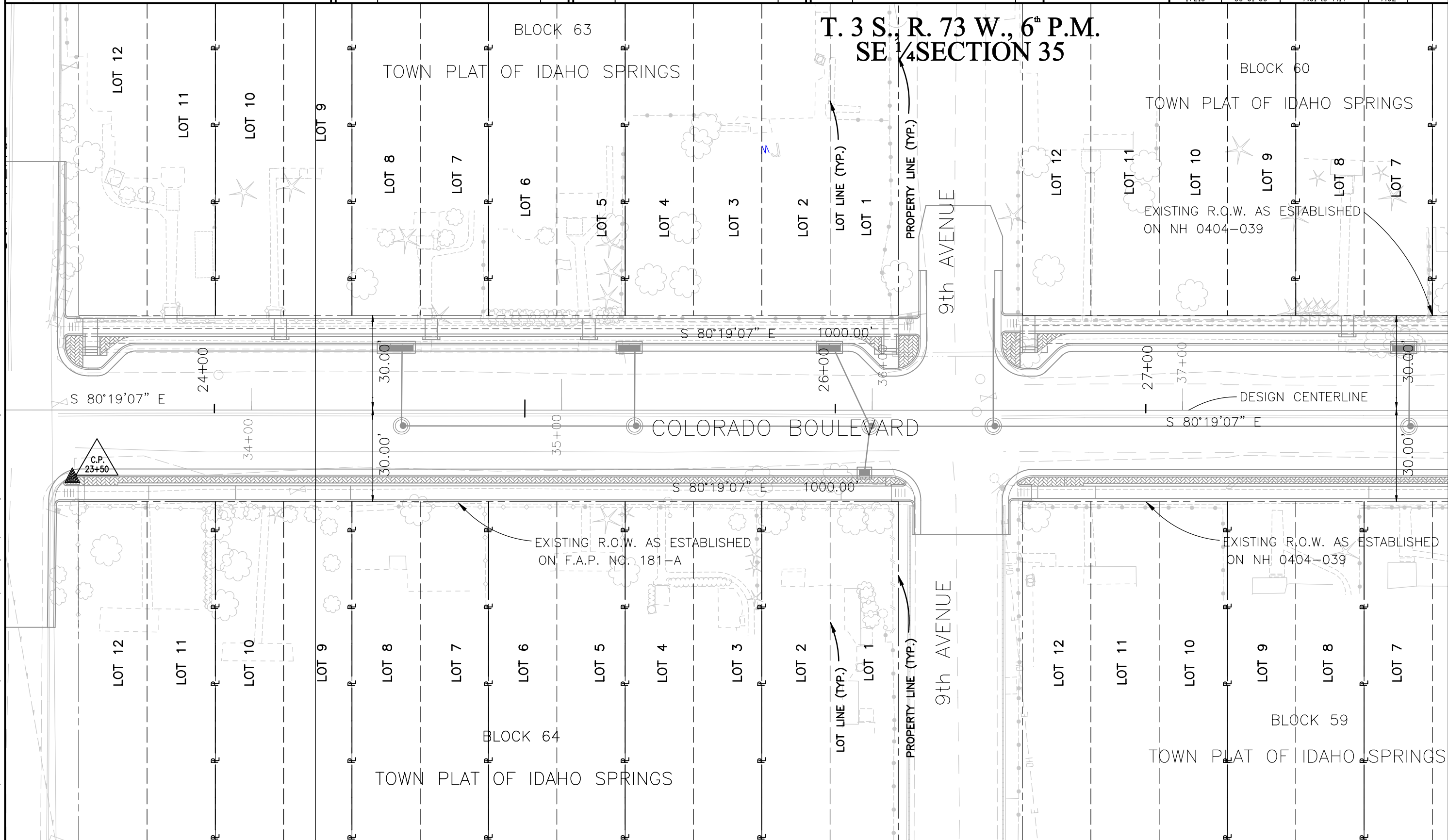


Right of Way Plans

Plan Sheet

|                                                   |                 |              |            |
|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
| 17219                                             | 09-01-09        | 7.01 to 7.14 | 7.02       |

T. 3 S., R. 73 W., 6<sup>th</sup> P.M.  
SE 1/4 SECTION 35



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Colorado Department of Transportation



18500 East Colfax Avenue  
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Region 1

KAW

Sheet Revisions

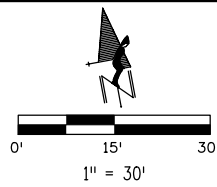
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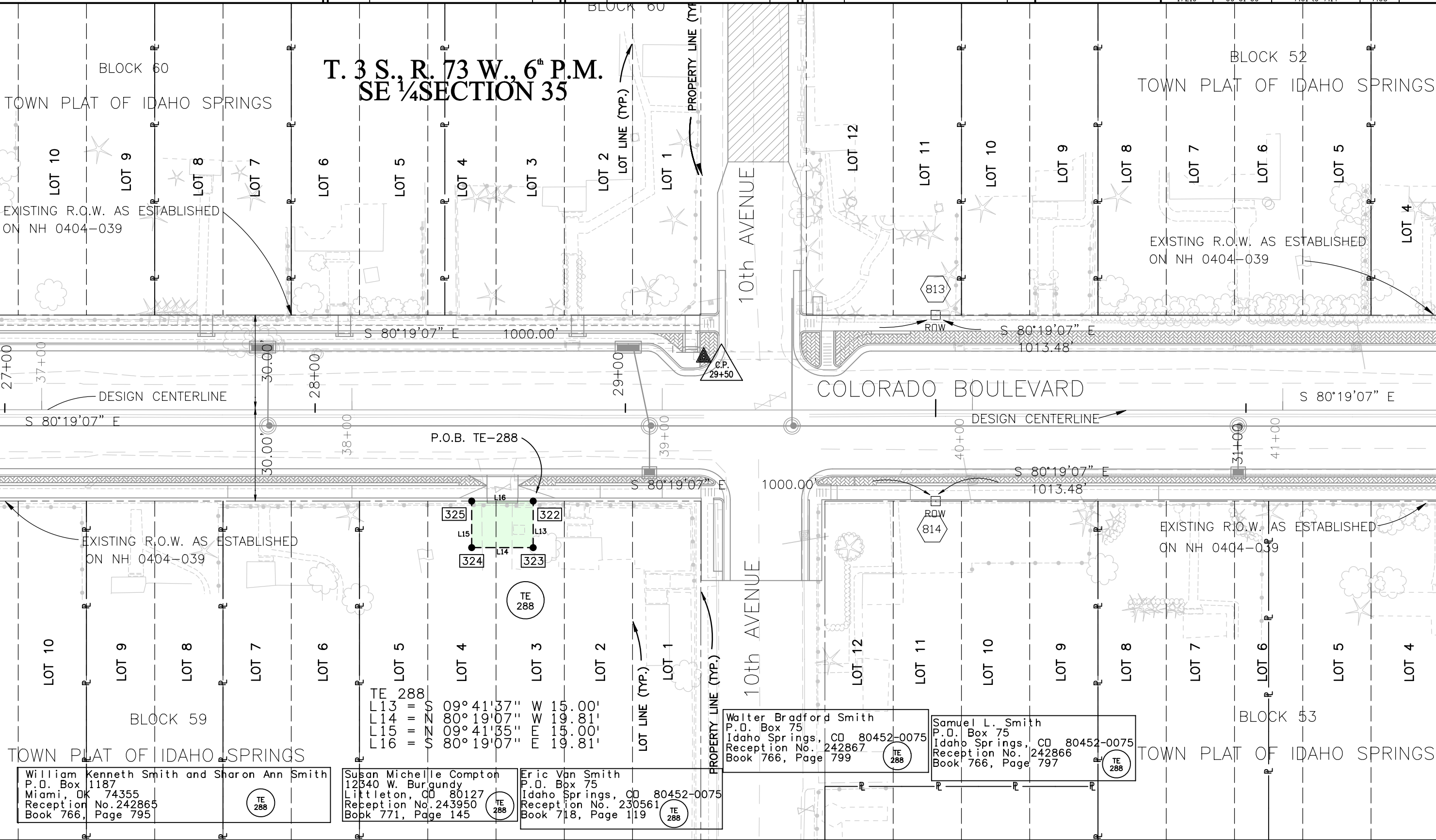
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Right of Way Plans

Plan Sheet

|                                                   |                          |                      |                 |
|---------------------------------------------------|--------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.03 |



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Book 766, Page 795

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Book 771, Page 145

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Book 718, Page 119

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Book 766, Page 797

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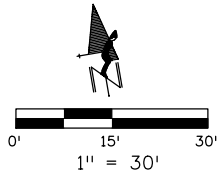
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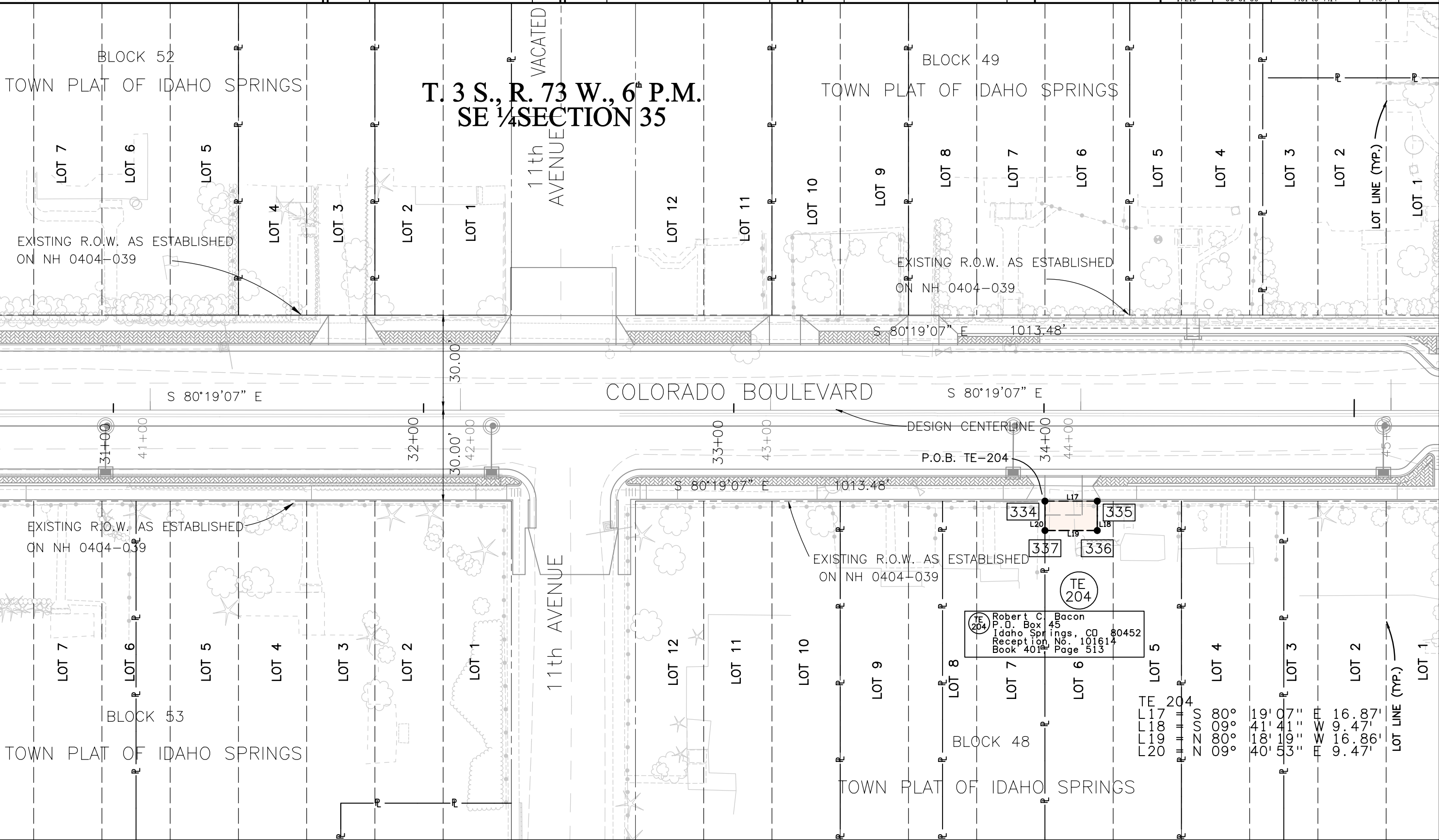
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Right of Way Plans

Plan Sheet

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|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
| 17219                                             | 09-01-09        | 7.01 to 7.14 | 7.04       |



Colorado Department of Transportation



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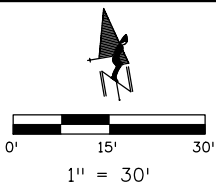
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Right of Way Plans

Plan Sheet

|                                                   |                          |                      |                 |
|---------------------------------------------------|--------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.05 |

T. 3 S., R. 73 W., 6th P.M.  
SE ¼ SECTION 35 &  
SW ¼ SECTION 36

TOWN PLAT OF IDAHO SPRINGS  
BLOCK 38

EXISTING R.O.W. AS ESTABLISHED  
ON NH 0404-039

S 80°19'07" E 1013.48'

S 80°19'07" E

DESIGN CENTERLINE

COLORADO BOULEVARD

S 80°19'07" E 1013.48'

EXISTING R.O.W. AS ESTABLISHED  
ON NH 0404-039

BLOCK 39

TOWN PLAT OF IDAHO SPRINGS

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Region 1

KAW

Sheet Revisions

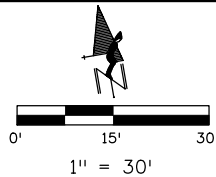
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Right of Way Plans

Plan Sheet

|                                                   |                          |                      |                 |
|---------------------------------------------------|--------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.61 to MP 1.27 (70K)                          |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.06 |

T. 3 S., R. 73 W., 6th P.M.  
SW ¼ SECTION 36

BLOCK 35

TOWN PLAT OF IDAHO SPRINGS

(DESIGN CENTERLINE)  
PI STA. 51+33.58  
 $\Delta = 14^\circ 57' 50.66''$  (LT)  
 $D = 5^\circ 49' 58.41''$   
 $L = 249.42'$   
 $T = 125.42'$   
 $R = 955.00'$   
PC STA. 50+08.16  
PT STA. 52+57.58

BLOCK 18  
TOWN PLAT OF IDAHO SPRINGS  
LOT 12 LOT 11  
see Sheet 7.09

COLORADO BOULEVARD  
 $C = 14^\circ 50' 00''$   $R = 954.93'$   $T = 247.22'$

P.C. STA. 40+13.48 (C)  
P.C. STA. 40+18.70 (R)

EXISTING R.O.W. AS ESTABLISHED  
ON NH 0404-039

$\Delta = 14^\circ 50' 00''$  (Lt)  
 $L = 249.42'$   
 $T = 125.42'$   
 $R = 955.00'$   
CB = S 87°44'07" E

$\Delta = 14^\circ 50' 00''$  (Lt)  
 $L = 249.42'$   
 $T = 125.42'$   
 $R = 955.00'$   
CB = S 87°44'07" E

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Colorado Department of Transportation



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Region 1

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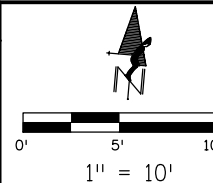
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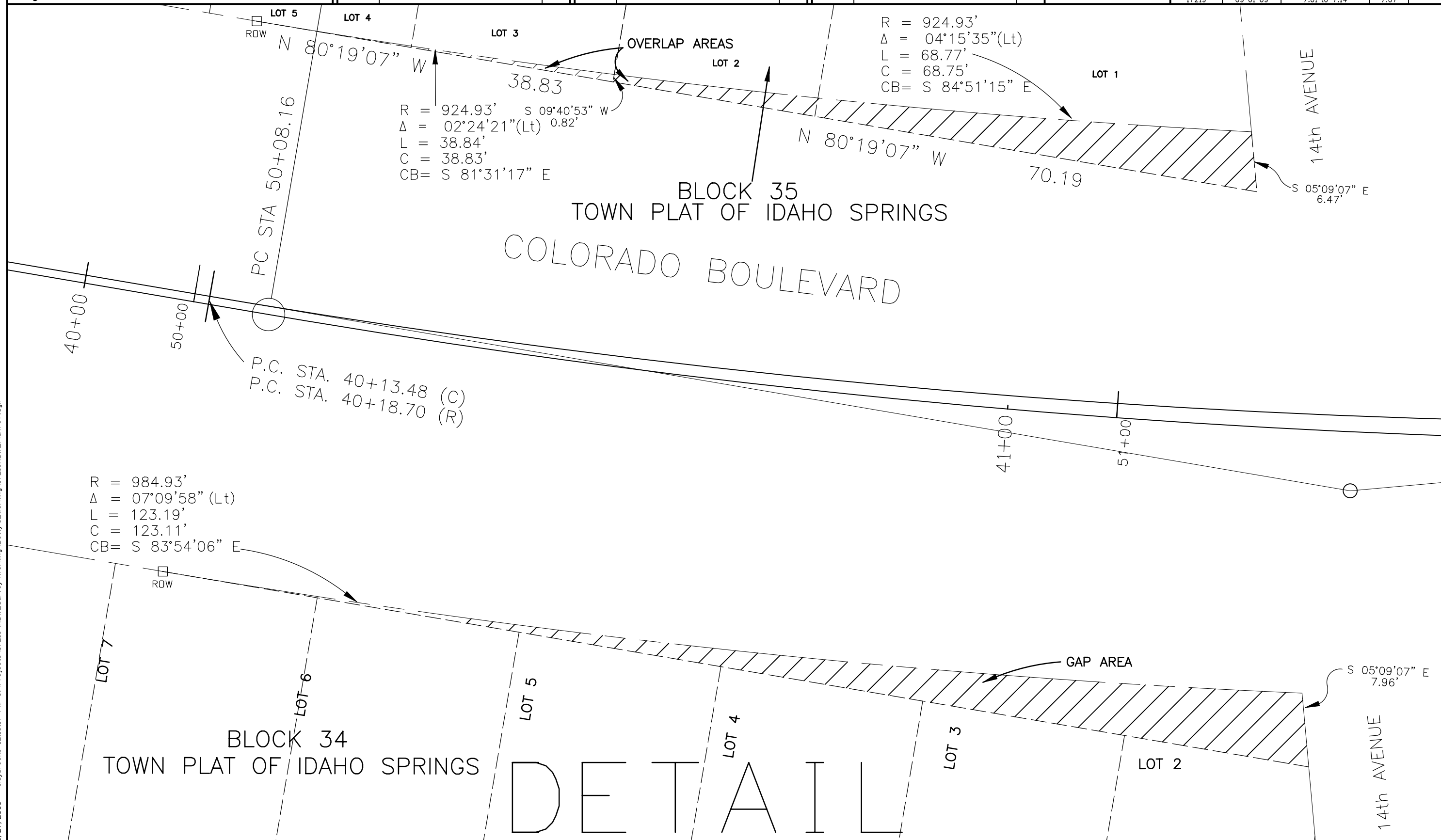
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Right of Way Plans

Plan Sheet

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|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
| 17219                                             | 09-01-09        | 7.01 to 7.14 | 7.07       |



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Region 1

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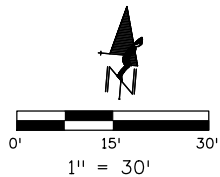
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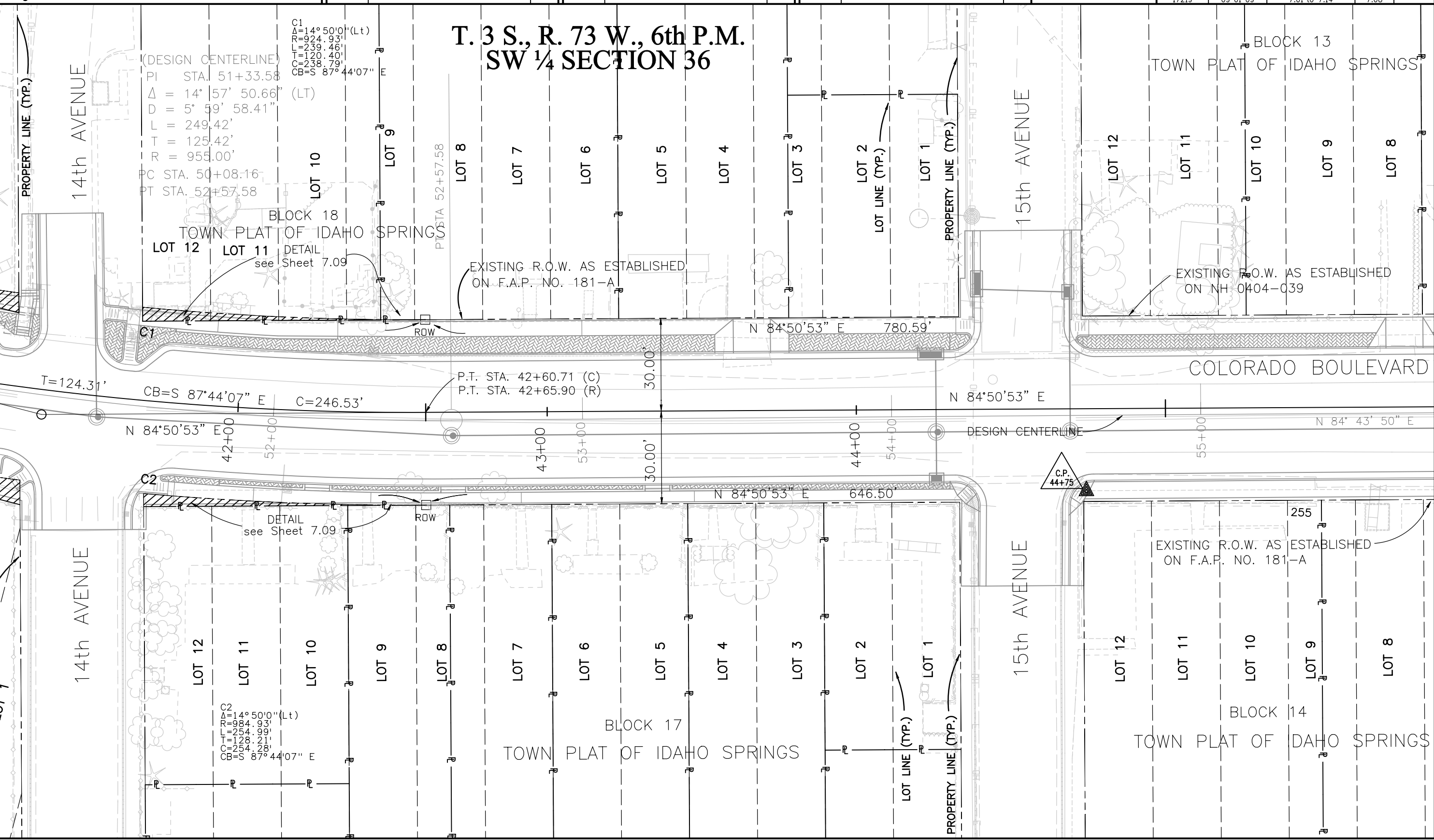


Right of Way Plans

Plan Sheet

|                                                   |                          |                      |                 |
|---------------------------------------------------|--------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.08 |

T. 3 S., R. 73 W., 6th P.M.  
SW ¼ SECTION 36



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Region 1

KAW

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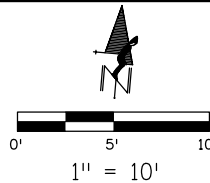
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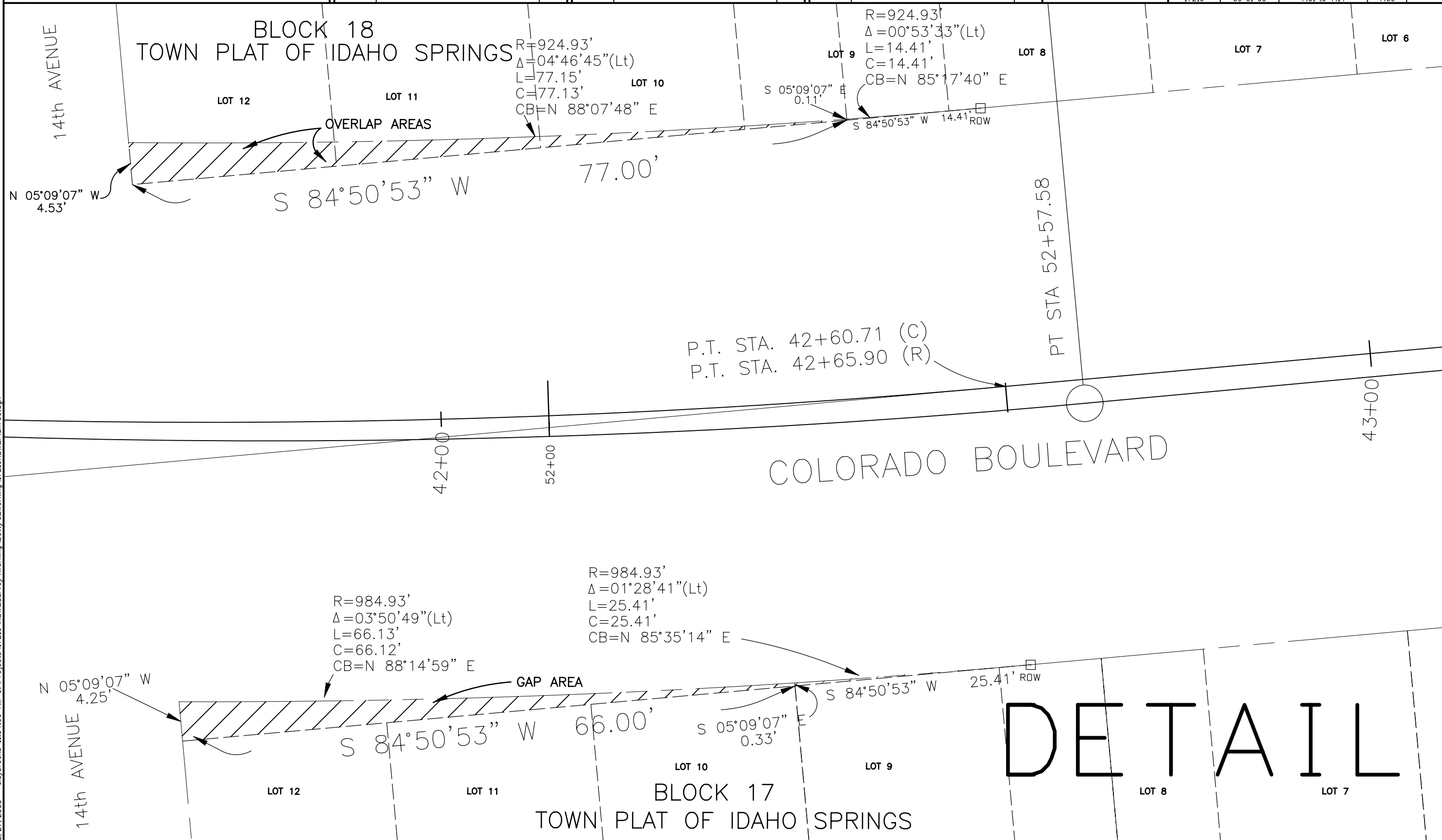
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Right of Way Plans

Plan Sheet

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|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
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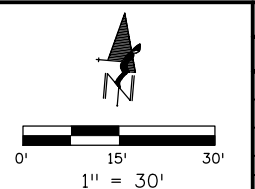


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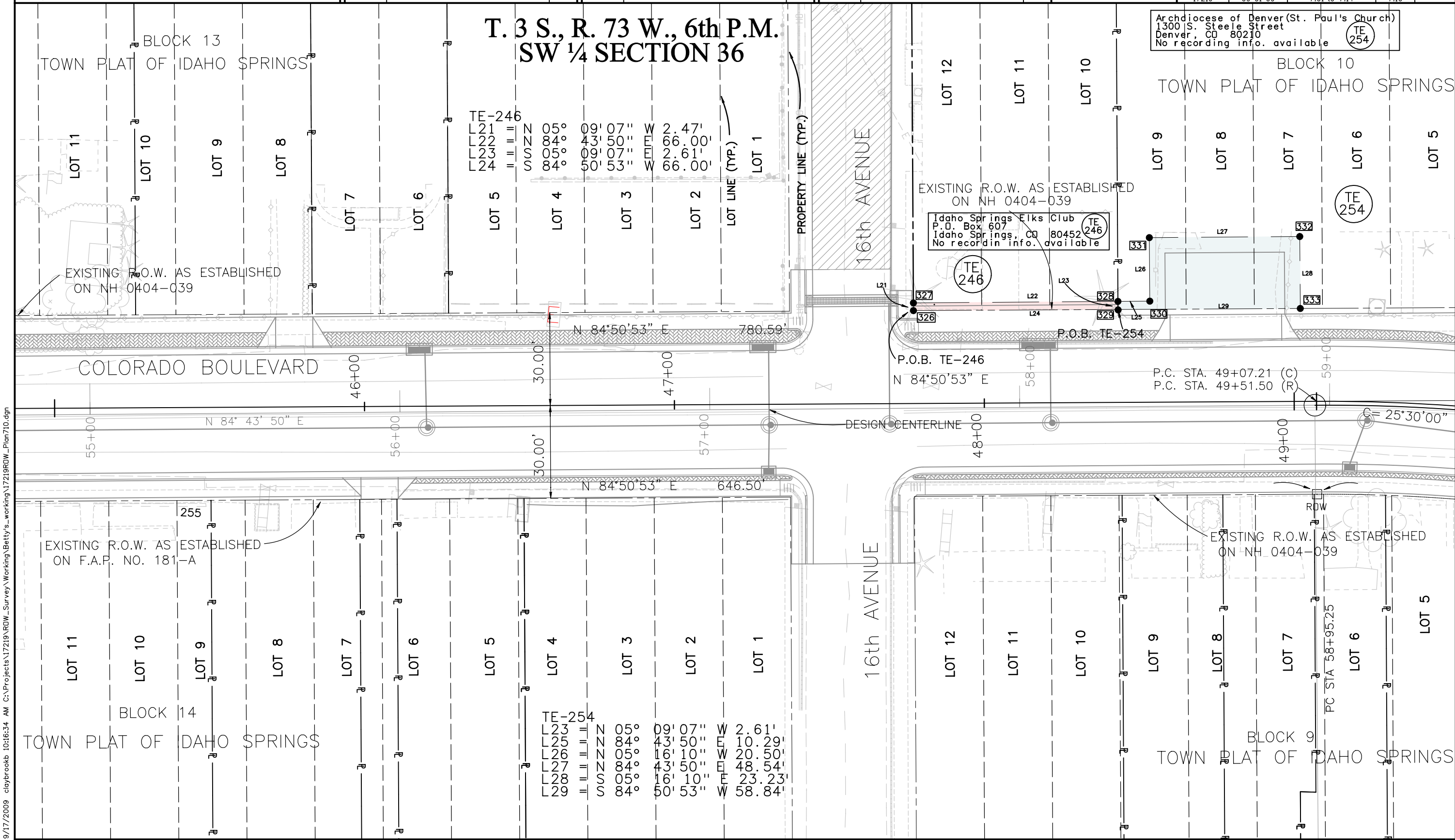
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| Right of Way Plans                                |                          |                      |                 |
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| Plan Sheet                                        |                          |                      |                 |
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.66 to MP 1.27 (Seg. 70K)                     |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.10 |



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Region 1

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Sheet Revisions

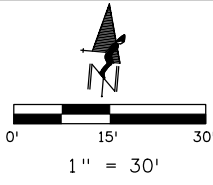
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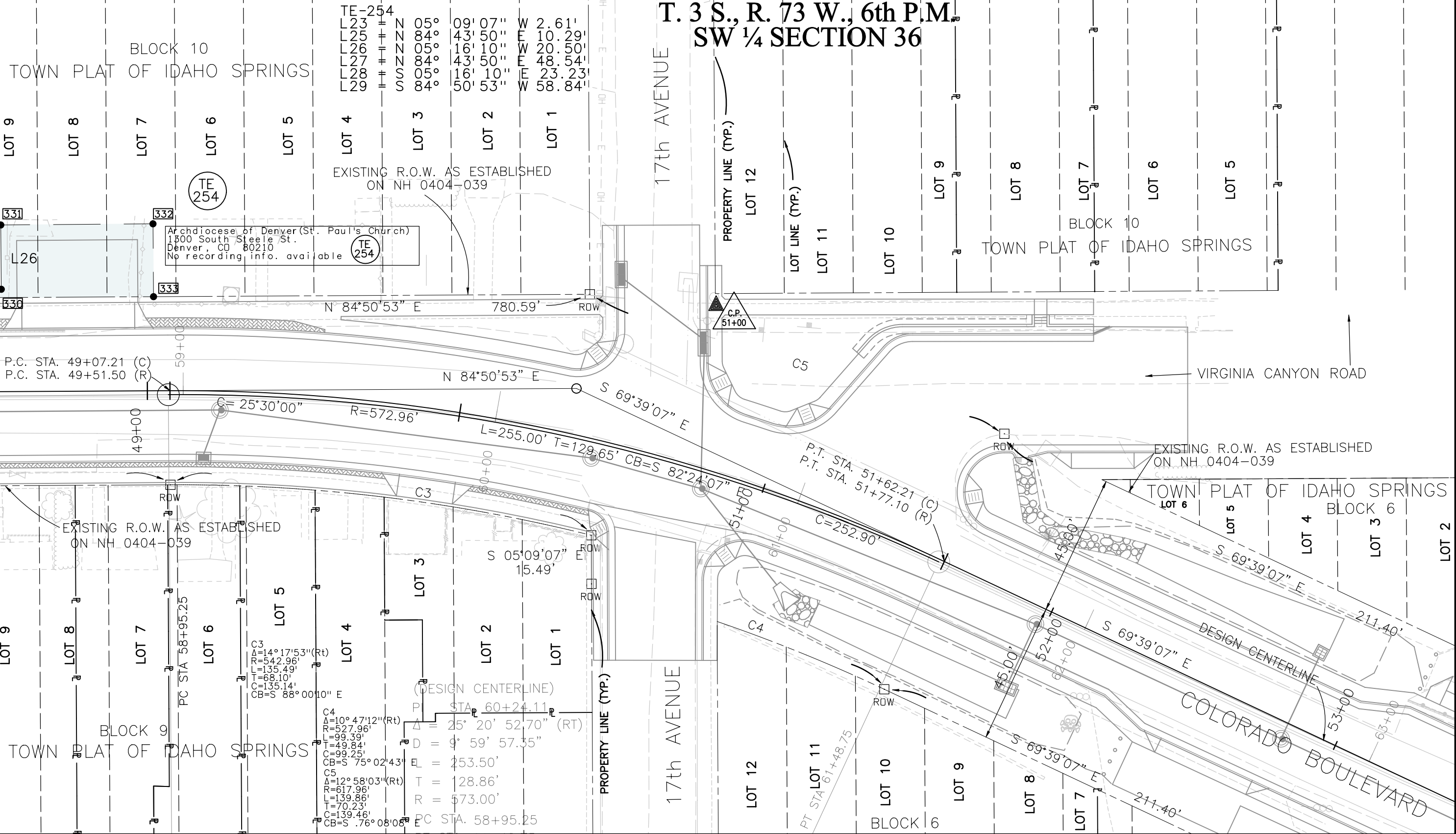
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Right of Way Plans

Plan Sheet

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|---------------------------------------------------|--------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                          |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                          |                      |                 |
| MP 0.61 to MP 1.27 (Seg. 70K)                     |                          |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-01-09 | Subset: 7.01 to 7.14 | Sheet No.: 7.11 |



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Region 1

KAW

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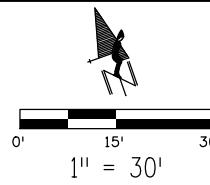
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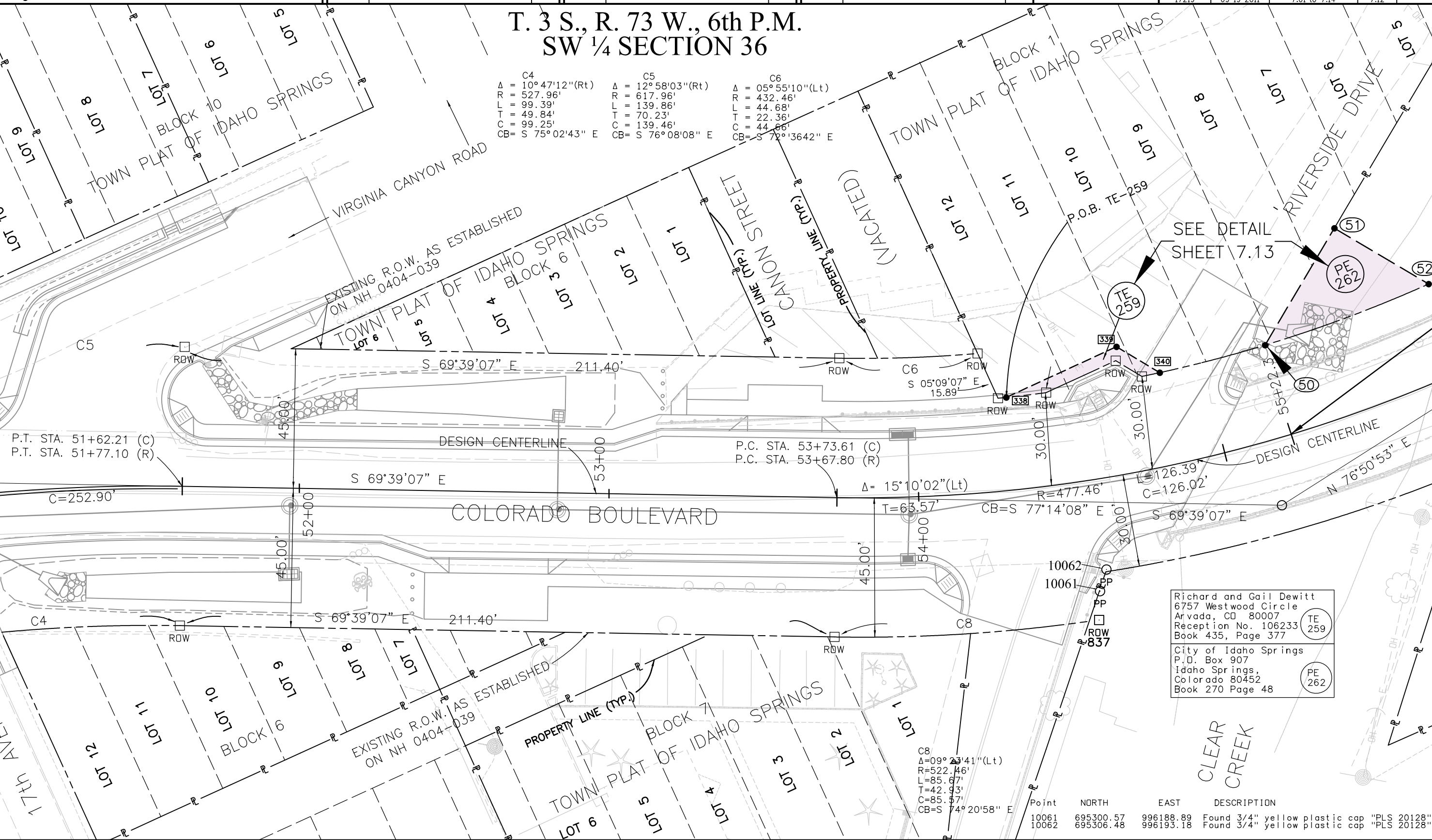
Right of Way Plans

Plan Sheet

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|---------------------------------------------------|----------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                            |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                            |                      |                 |
| MP 0.61 to MP 1.27 (Seg. 70K)                     |                            |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-19-2011 | Subset: 7.01 to 7.14 | Sheet No.: 7.12 |

T. 3 S., R. 73 W., 6th P.M.  
SW ¼ SECTION 36

|                                                                                                             |                                                                                                               |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| C4<br>Δ = 10° 47' 12" (Rt)<br>R = 527.96'<br>L = 99.39'<br>T = 49.84'<br>C = 99.25'<br>CB = S 75° 02' 43" E | C5<br>Δ = 12° 58' 03" (Rt)<br>R = 617.96'<br>L = 139.86'<br>T = 70.23'<br>C = 139.46'<br>CB = S 76° 08' 08" E | C6<br>Δ = 05° 55' 10" (Lt)<br>R = 432.46'<br>L = 44.68'<br>T = 22.36'<br>C = 44.66'<br>CB = S 72° 13' 642" E |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|



Richard and Gail Dewitt  
6757 Westwood Circle  
Arvada, CO 80007  
Reception No. 106233  
Book 435, Page 377  
City of Idaho Springs  
P.O. Box 907  
Idaho Springs,  
Colorado 80452  
Book 270 Page 48

| Point | NORTH     | EAST      | DESCRIPTION                               |
|-------|-----------|-----------|-------------------------------------------|
| 10061 | 695300.57 | 996188.89 | Found 3/4" yellow plastic cap "PLS 20128" |
| 10062 | 695306.48 | 996193.18 | Found 3/4" yellow plastic cap "PLS 20128" |

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Colorado Department of Transportation



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Region 1

KAW

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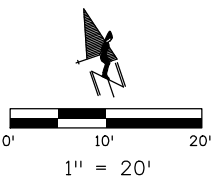
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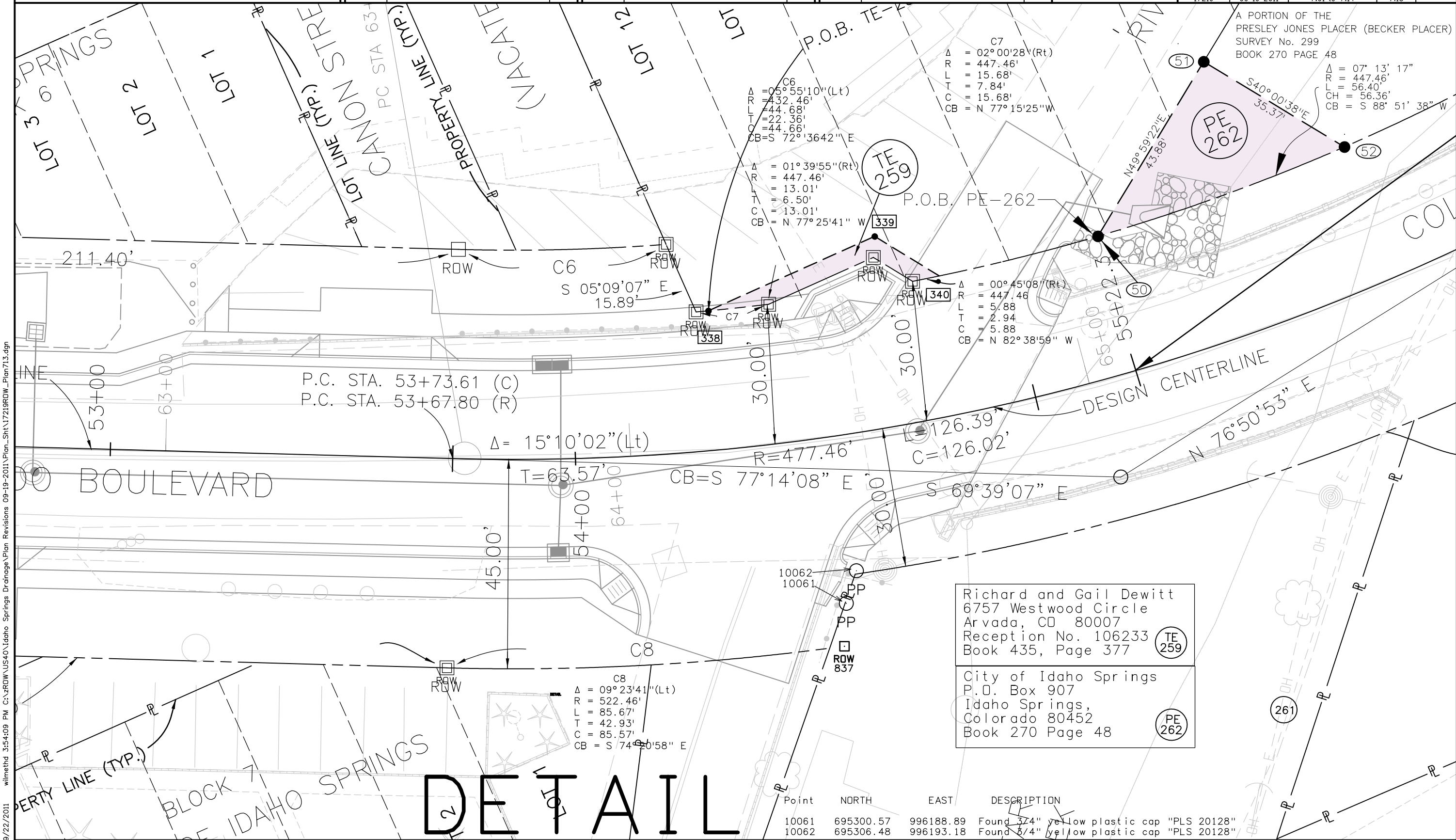
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Right of Way Plans

Plan Sheet

|                                                   |                            |                      |                 |
|---------------------------------------------------|----------------------------|----------------------|-----------------|
| Project Number: NH 0703-349                       |                            |                      |                 |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                            |                      |                 |
| MP 0.61 to MP 1.27 (Seg. 70K)                     |                            |                      |                 |
| Project Code: 17219                               | Last Mod. Date: 09-19-2011 | Subset: 7.01 to 7.14 | Sheet No.: 7.13 |



Richard and Gail Dewitt  
6757 Westwood Circle  
Arvada, CO 80007  
Reception No. 106233  
Book 435, Page 377 (TE 259)

City of Idaho Springs  
P.O. Box 907  
Idaho Springs,  
Colorado 80452  
Book 270 Page 48 (PE 262)

| Point | NORTH     | EAST      | DESCRIPTION                               |
|-------|-----------|-----------|-------------------------------------------|
| 10061 | 695300.57 | 996188.89 | Found 3/4" yellow plastic cap "PLS 20128" |
| 10062 | 695306.48 | 996193.18 | Found 5/4" yellow plastic cap "PLS 20128" |

9/22/2011 3:54:09 PM C:\ROW\US40\Idaho Springs Drainage\Plan Revisions 09-19-2011\Plan\_Sht\17219ROW\_Plan713.dgn

Colorado Department of Transportation



18500 East Colfax Avenue  
Aurora, CO 80011  
Phone: 303-365-7410 FAX: 303-365-7350

Region 1

KAW

Sheet Revisions

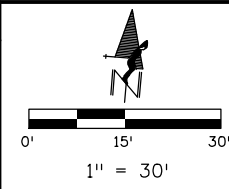
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|----------|-------------------|----------|
| 09/19/11 | DELETE PARCEL 261 | DPW      |
| 09/19/11 | ADD PE-262        | DPW      |

Sheet Revisions

| Date     | Description | Initials |
|----------|-------------|----------|
| mm/dd/yy | XXXXXXXX    | XXX      |
|          |             |          |
|          |             |          |

Sheet Revisions

| Date     | Description | Initials |
|----------|-------------|----------|
| mm/dd/yy | XXXXXXXX    | XXX      |
|          |             |          |
|          |             |          |



Right of Way Plans

Plan Sheet

|                                                   |                 |              |            |
|---------------------------------------------------|-----------------|--------------|------------|
| Project Number: NH 0703-349                       |                 |              |            |
| Project Location: IDAHO SPRINGS DRAINAGE PHASE II |                 |              |            |
| MP 0.61 to MP 1.27 (Seg. 70K)                     |                 |              |            |
| Project Code:                                     | Last Mod. Date: | Subset:      | Sheet No.: |
| 17219                                             | 09-19-2011      | 7.01 to 7.14 | 7.14       |

Richard and Gail Dewitt  
6757 Westwood Circle  
Arvada, CO 80007  
Reception No. 106233  
Book 435 Page 377

TE  
259

City of Idaho Springs  
P.O. Box 907  
Idaho Springs,  
Colorado 80452  
Book 270 Page 48

PE  
262

T. 3 S., R. 73 W., 6th P.M.  
SW ¼ SECTION 36

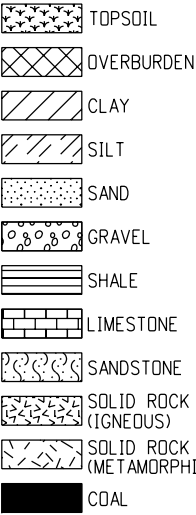
EXISTING R.O.W. AS ESTABLISHED  
ON NH 0404-039

END PROJ. NH 0703-349  
STA. 55+22.3 AT M.P. 1.27(70K) =  
STA. 55+22.3 AT M.P. 1.27  
PROJ. NH 0404-039

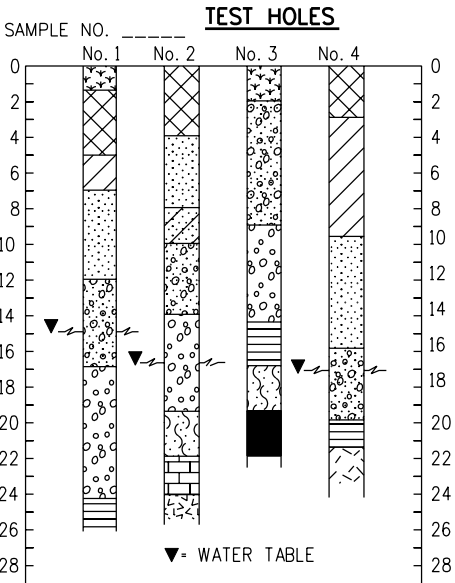
(DESIGN CENTERLINE)  
PI STA. 65+08.30  
 $\Delta = 33^\circ 35' 46.74''$  (LT)  
D = 12° 00' 42.10"  
L = 279.70'  
T = 144.00'  
R = 477.00'  
PC STA. 63+64.30  
PT STA. 66+43.99

PC STA 68+21.05  
END @ COLO. BLVD

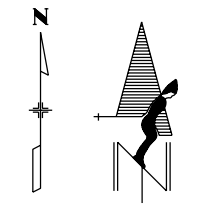
LEGEND



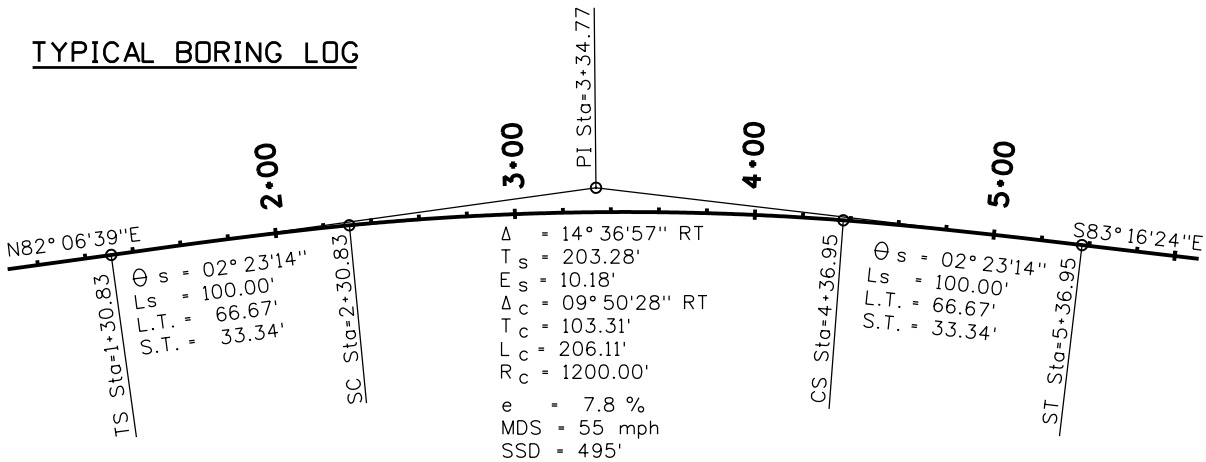
COMPOSITE MATERIALS ARE REPRESENTED BY COMBINATIONS OF THE ABOVE SYMBOLS, SUCH AS:



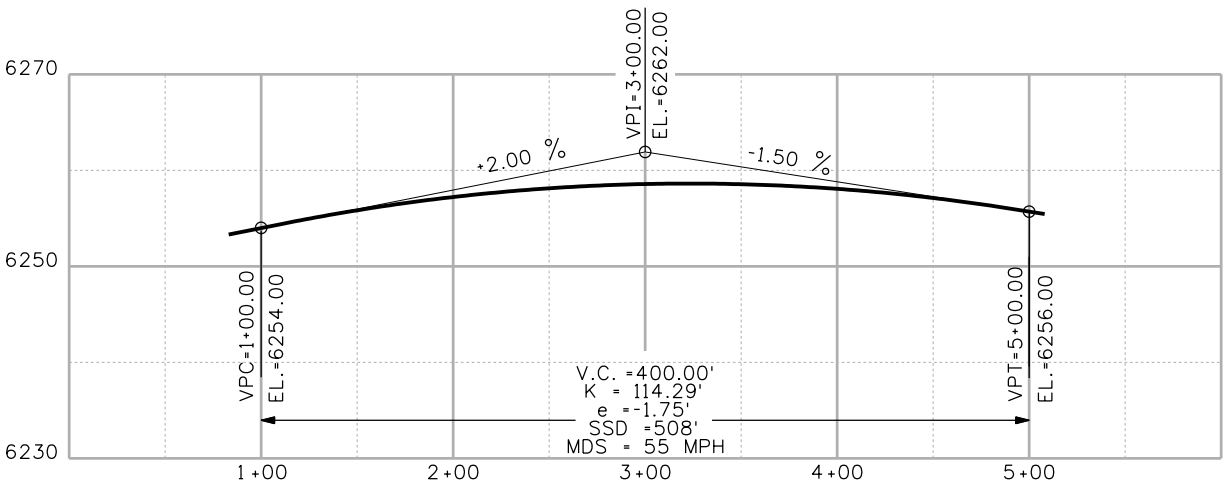
TYPICAL BORING LOG



NORTH ARROW



TYPICAL HORIZONTAL CURVE



TYPICAL VERTICAL CURVE

TERRAIN SINGLE SHOTS

TOP OF CUT

TOE OF FILL

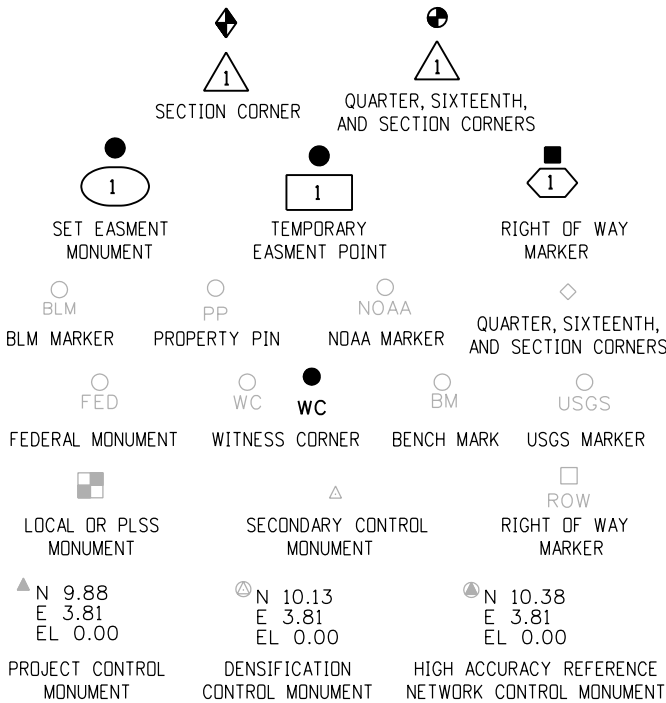
TERRAIN



EDGE OF PAVEMENT

CENTERLINE OF DIRT ROAD

ROADWAY



PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE

TEMPORARY EASEMENT LINE (EXISTING)

PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED)

ACCESS CONTROL LINE

BARRIER ACCESS CONTROL LINE

RIGHT OF WAY LINE

VIRGIN RIGHT OF WAY LINE (PROPOSED)

CITY LIMIT LINE (EXISTING)

COUNTY LINE (EXISTING)

QUARTER SECTION LINE

SECTION LINE

SIXTEENTH SECTION LINE

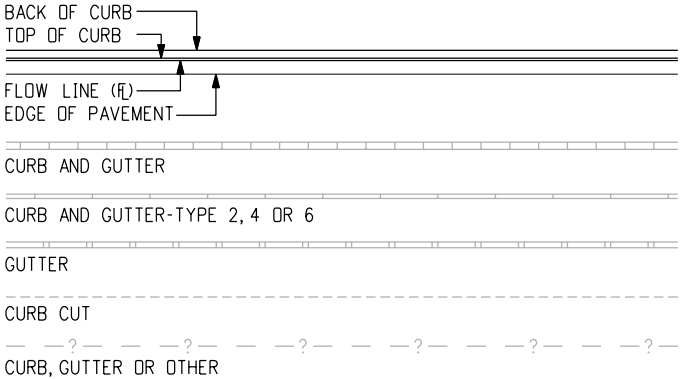
STATE LINE (EXISTING)

TOWNSHIP LINE (EXISTING)

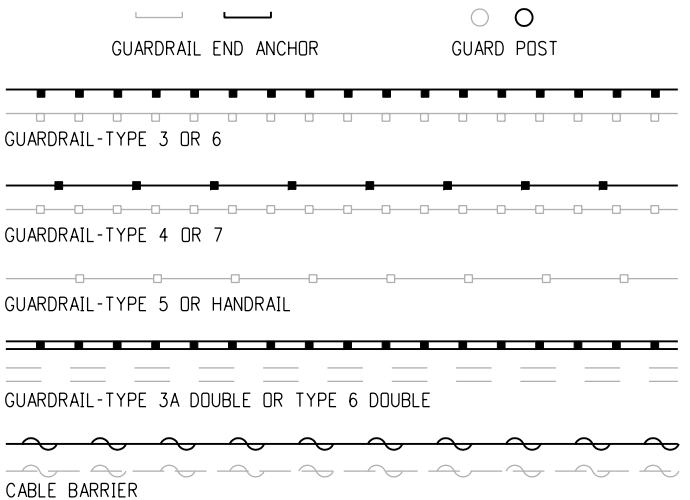
SURVEY/ROW

GENERAL NOTES

- EXISTING FEATURES SHOWN AS SCREENED WEIGHT (GRAY SCALE), EXCEPT AS NOTED WITH THE WORD (EXISTING). PROPOSED OR NEW FEATURES SHOWN AS FULL WEIGHT WITHOUT SCREENING, EXCEPT AS NOTED WITH THE WORD (PROPOSED).
- THESE SYMBOLS ARE INTENDED TO EXPLAIN THE VARIOUS TOPOGRAPHIC FEATURES INVOLVED ON THE DESIGN PLAN SHEETS WHICH ARE PREPARED AT VARIOUS SCALES. NOTES ARE ADDED WHERE NECESSARY TO CLARIFY THE SYMBOL. A LEGEND IS PROVIDED IN THE PLANS FOR SYMBOLS NOT SHOWN ON THE STANDARD SYMBOLS SHEETS.
- GUARDRAIL, CURB AND GUTTER, ETC., ARE REPRESENTED BY A SYMBOL WITH TYPE GIVEN BY NOTE.



CURB AND GUTTER



GUARDRAIL

Computer File Information

Creation Date: 07/04/06 Initials: SRJ  
Last Modification Date: 07/04/06 Initials: LTA  
Full Path: www.dot.state.co.us/DesignSupport/  
Drawing File Name: 100010103.dgn  
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

Sheet Revisions

Date: Comments



Colorado Department of Transportation



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Project Development Branch

SRJ/LTA

STANDARD SYMBOLS

Issued By: Project Development Branch on July 04, 2006

STANDARD PLAN NO.

M-100-1

Sheet No. 1 of 3

ROCK, MASONRY OR MECHANICALLY STABILIZED WALL (FACE)

BRIDGE CURB

BRIDGE RAIL

BRIDGE RAIL-TYPE 3A

FLOW LINE CBC

STRUCTURES MISCELLANEOUS

**STRUCTURE**

MISCELLANEOUS BUILDING STRUCTURE (PRIMARY)

MISCELLANEOUS STRUCTURE (SECONDARY)

FOUNDATION OR PAD (CONCRETE OR BLOCK)

**BUILDING STRUCTURES**

RR TELEGRAPH POLE

RR SWITCH

RR GUY POLE

RR SIGNALS WITH OR WITHOUT GATE

RR CROSS BUCK SIGN

RR SIGNAL CONTROLLER CABINET

RR MISCELLANEOUS SYMBOL

RR TRACK CENTERLINE

**RAILROAD**

BOULDER UNDER 6FT

GEOLOGY MISC SYMBOL

MINESHAFT SYMBOL

ROCK OUTCROP

BOULDER FIELD OR ROCK OVERHANG

**GEOLOGY**

COMBINATION WIRE FENCE WITH GATE

CHAIN LINK FENCE WITH GATE

BARBED WIRE FENCE WITH GATE

SOUND OR BARRIER FENCE WITH GATE

DEER FENCE WITH GATE WITH GATE

WOOD FENCE WITH GATE

SNOW FENCE WITH GATE

SILT FENCE

DEBRIS FENCE

**FENCE**

DECIDUOUS TREE

DECIDUOUS SHRUB

TEETER TOTTER SYMBOL

SWING SET SYMBOL

CONIFEROUS TREE

CONIFEROUS SHRUB

MISCELLANEOUS TREES

BENCH

SPRINKLER HEAD

TREES GROVE

HEDGE OR SHRUB GROVE

EDGE OF WETLANDS

**LANDSCAPING**

HAZARD WASTE MONITORING WELL

ENVIRONMENTAL CONCERN SITE

ROCK CHECK DAM

CONCRETE WASHOUT STRUCTURE

DROP INLET EROSION PROTECTION

TEMPORARY BERM

SOIL RETENTION BLANKET

PIPE INLET EROSION PROTECTION

RIGID INLET PROTECTION

STORM DRAIN INLET PROTECTION

EROSION CHECK

EROSION LOG DITCH CHECK

SILT DIKE

SEDIMENT TRAP/ DEWATERING STRUCTURE

EXISTING WETLAND PATTERN

TEMPORARY SLOPE DRAIN

STABILIZED CONSTRUCTION ENTRANCE

PLASTIC FENCE

SILT FENCE

DEBRIS FENCE

ENVIRONMENTAL CONCERN

HAZARDOUS WASTE SITE

NOXIOUS WEED

**ENVIRONMENTAL**

SANITARY SEWER MANHOLE

SANITARY SEWER MISCELLANEOUS SYMBOL

SANITARY SEWER PIPE

SANITARY SEWER PIPE MISCELLANEOUS

**SANITARY SEWER**

METAL PIPE WITH END SECTION

CONCRETE PIPE MISCELLANEOUS

HEADWALL

CHECK DAM UNDER 4 FT

DIVERSION BOX SYMBOL

FLOW GAUGE

DITCH WITH FLOW

EDGE OF WATER, CANALS, PONDS, STREAM OR RIVER

HEADGATE 1

SPRING SYMBOL

MISCELLANEOUS WATERWAYS

**PIPES**

INLET TYPE 13

INLET TYPE C

INLET TYPE D

INLET VANE GRATE

INLET TYPE R XX FT LENGTH

STORM SEWER MANHOLE

STORM SEWER MISCELLANEOUS

STORM SEWER PIPE

STORM SEWER PIPE MISCELLANEOUS

**STORM SEWER**

WATER SPIGOT

FIRE HYDRANT

WATER VALVE

WATER METER

WATER MANHOLE

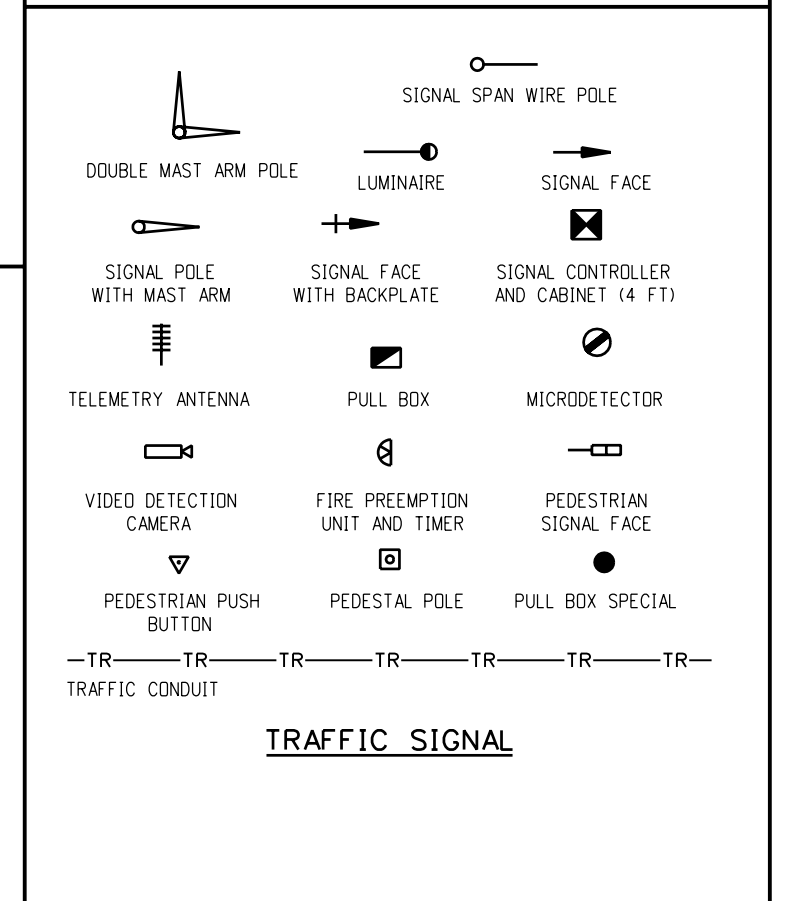
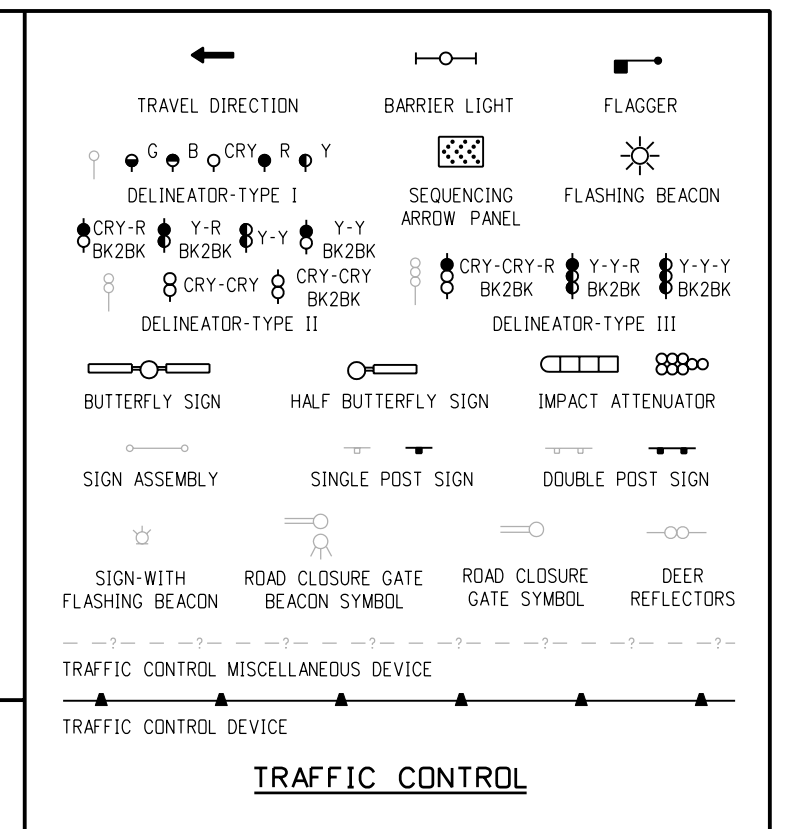
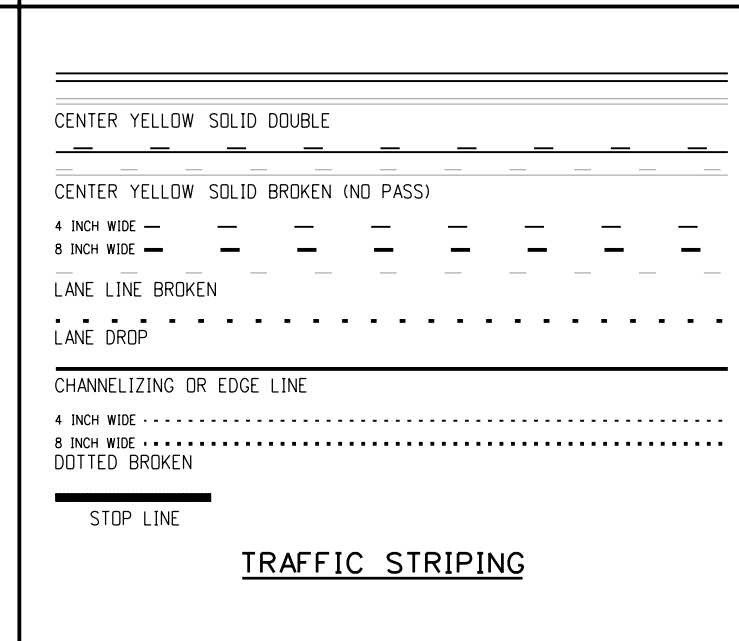
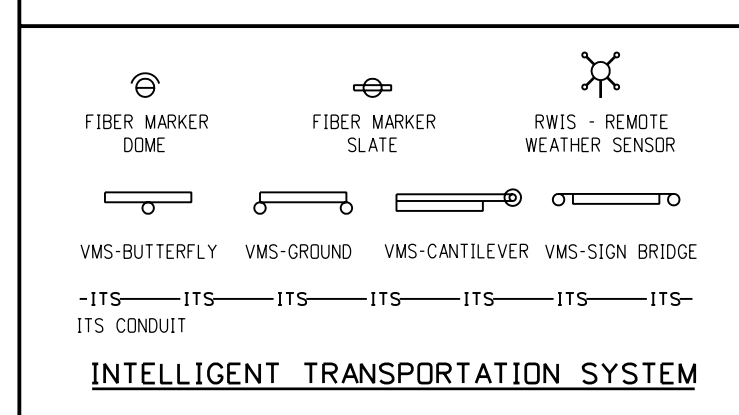
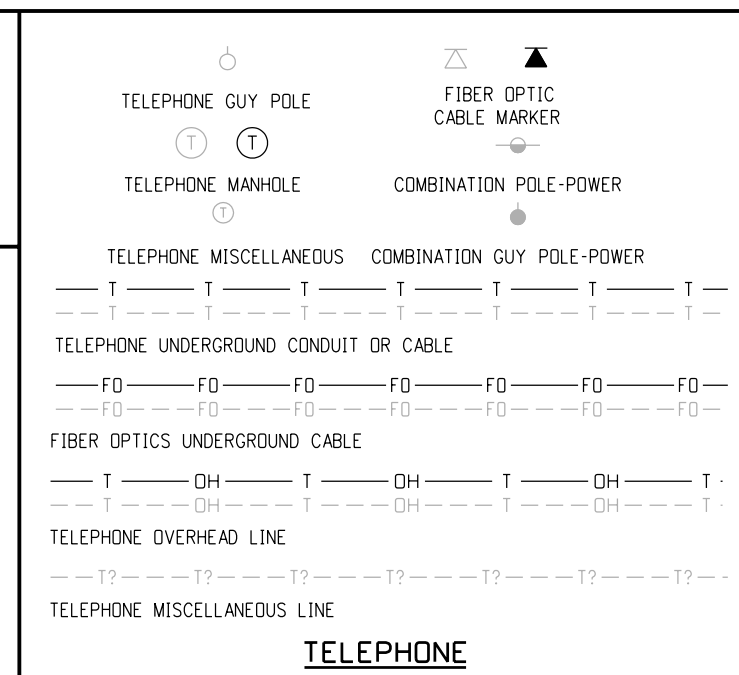
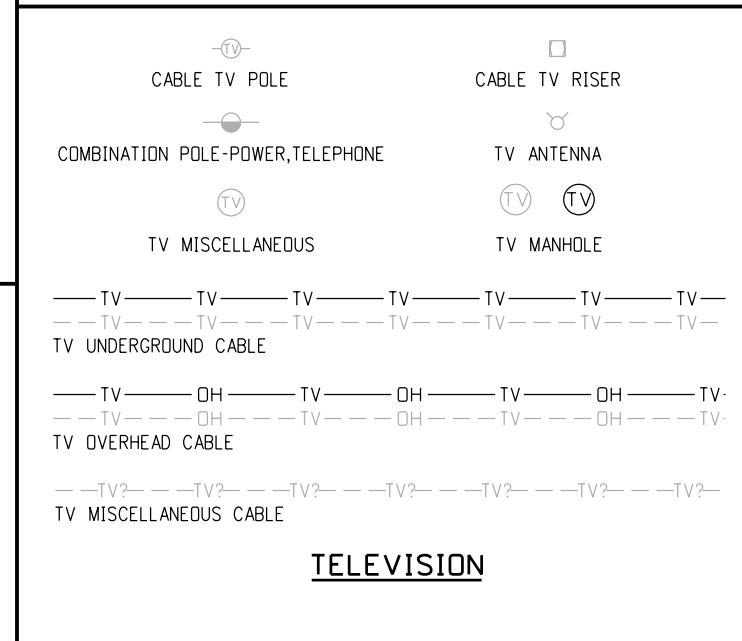
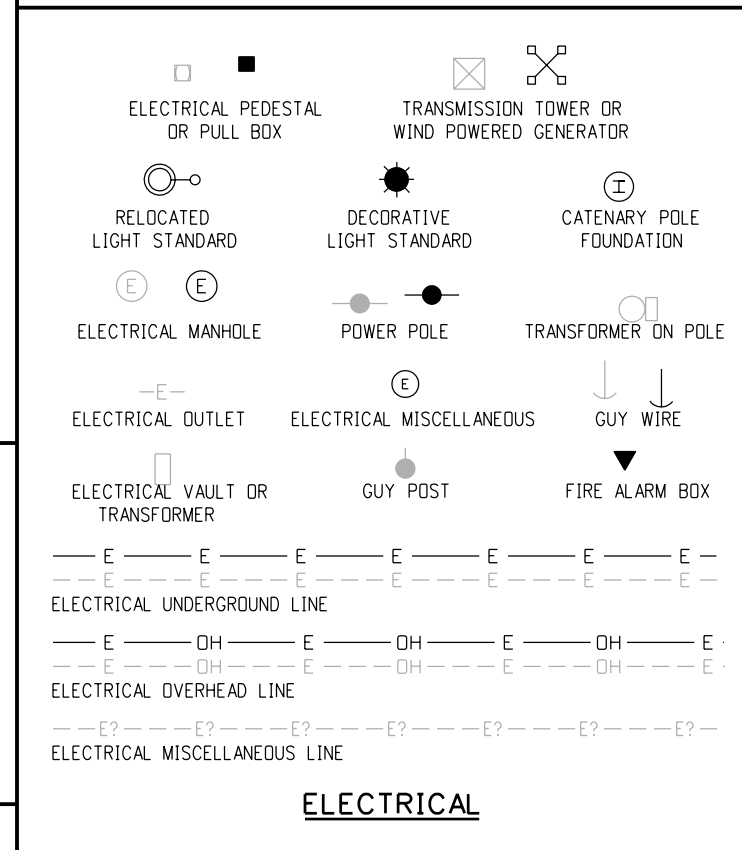
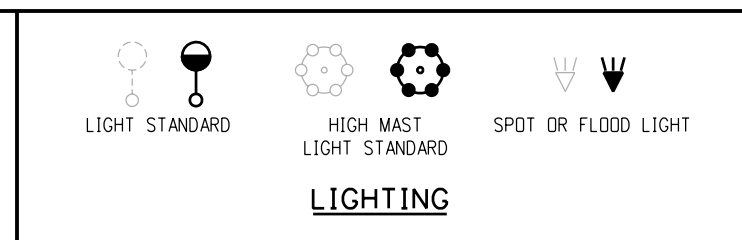
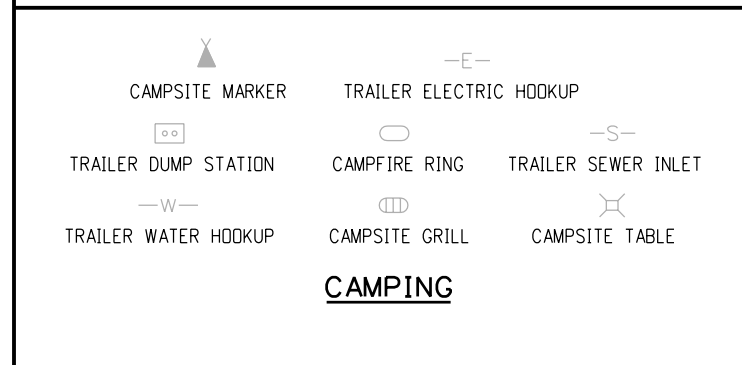
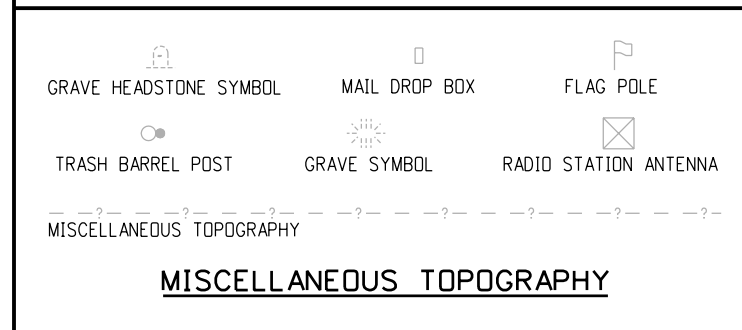
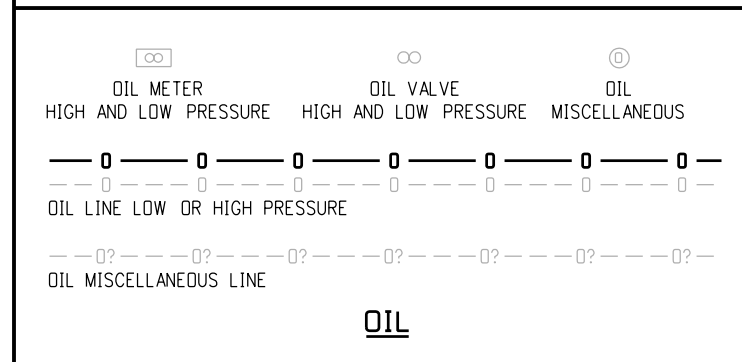
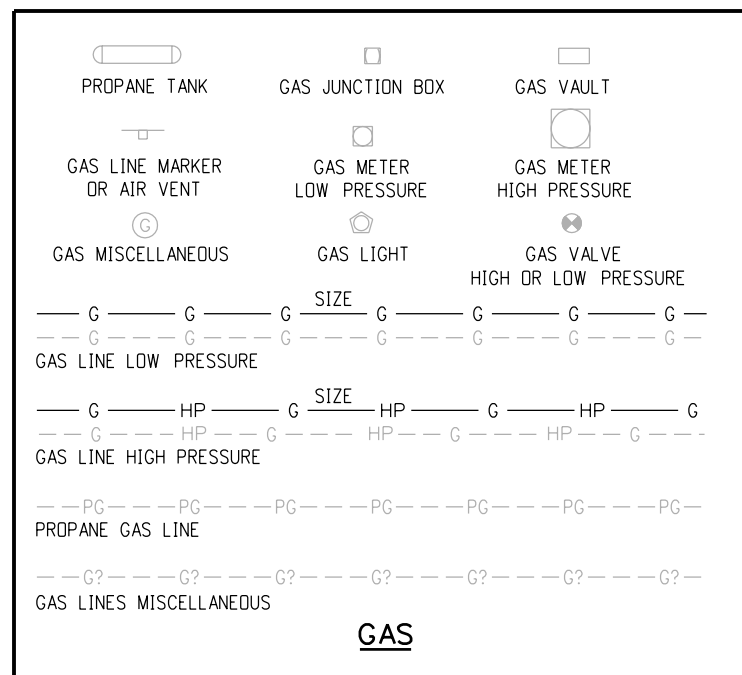
WATER WELL SYMBOL

WATER LINE

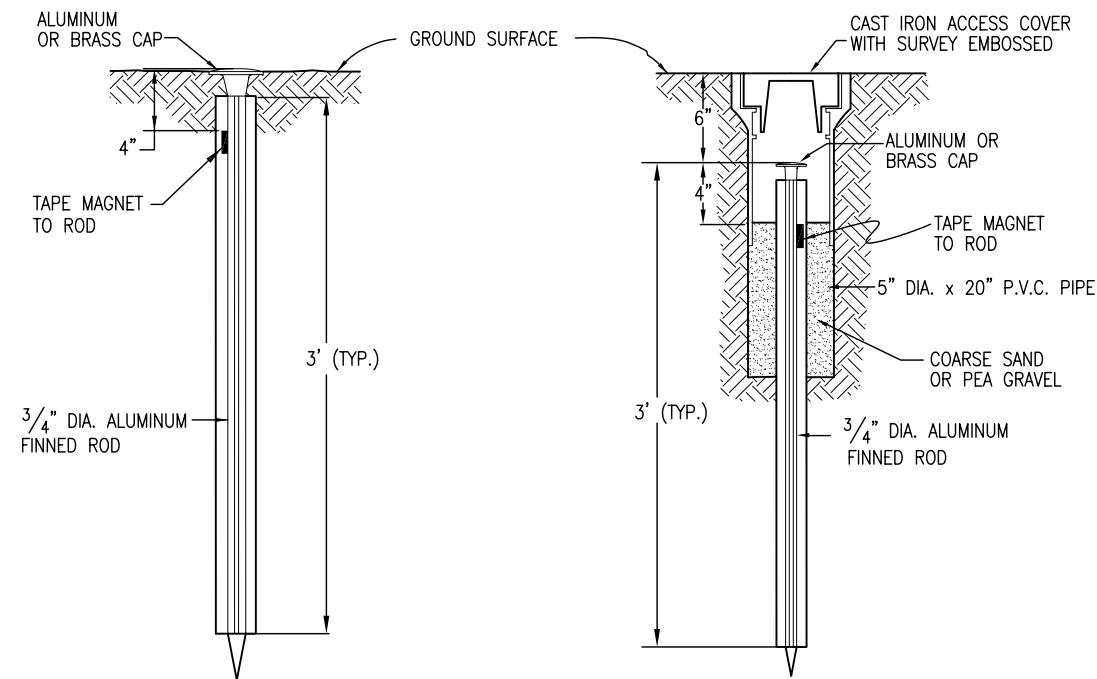
WATER MISCELLANEOUS LINE

**WATER**

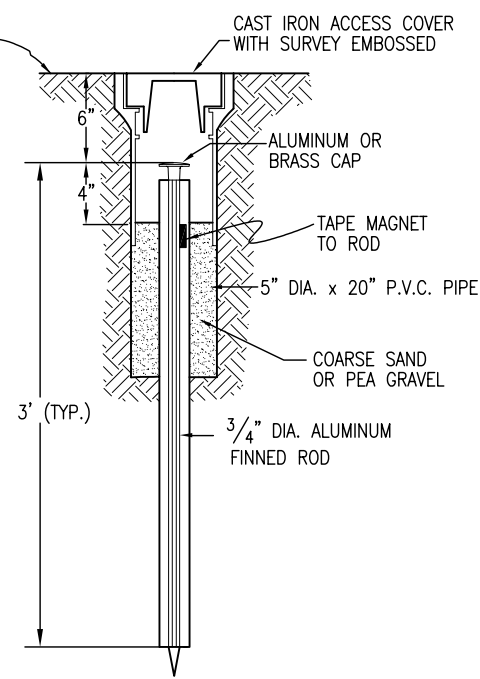
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| <b>Computer File Information</b>                             |  | <div><div><div>R-X</div><div>R-X</div><div>R-X</div><div>R-X</div></div></div> | <b>Sheet Revisions</b> |  | <div><div><div><p>Colorado Department of Transportation</p><p>4201 East Arkansas Avenue<br/>Denver, Colorado 80222<br/>Phone: (303) 757-9083<br/>Fax: (303) 757-9820</p></div><div><p>Project Development Branch</p><p>SRJ/LTA</p></div></div></div> | <div><div><div>STANDARD SYMBOLS</div><div>Issued By: Project Development Branch July 04, 2006</div></div></div> | <b>STANDARD PLAN NO.</b> |  |
| Creation Date: 07/04/06 Initials: SRJ                        |  |                                                                                |                        |  |                                                                                                                                                                                                                                                      |                                                                                                                 | M-100-1                  |  |
| Last Modification Date: 07/04/06 Initials: LTA               |  |                                                                                |                        |  |                                                                                                                                                                                                                                                      |                                                                                                                 |                          |  |
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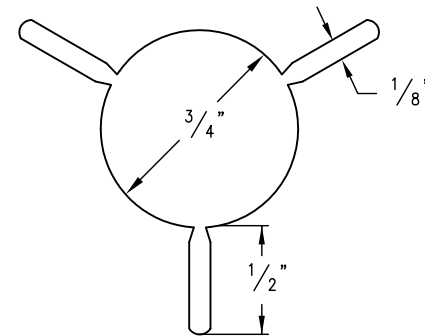
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| Date:                                                        | Comments: |                                                                     | M-100-1         |  |                                                                                                                                                                                                                                                                                                                                                                         |  |                     |  |                   |  |
| Creation Date: 07/04/06 Initials: SRJ                        |           |                                                                     |                 |  | <div><div>Issued By: Project Development Branch on July 04, 2006</div><div>Sheet No. 3 of 3</div></div>                                                                                                                                                                                                                                                                 |  |                     |  |                   |  |
| Last Modification Date: 07/04/06 Initials: LTA               |           |                                                                     |                 |  |                                                                                                                                                                                                                                                                                                                                                                         |  |                     |  |                   |  |
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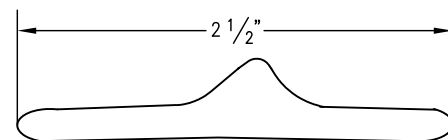
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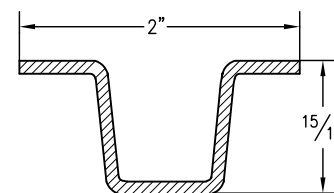
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INCLUDES MONUMENT BOX



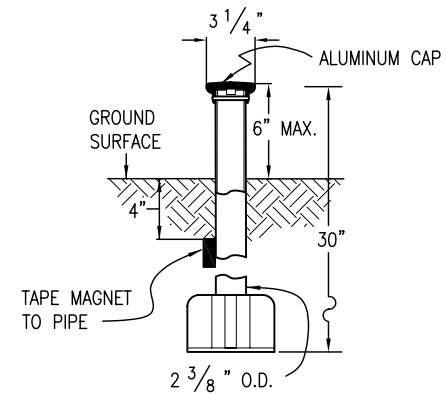
**SECTION A-A**



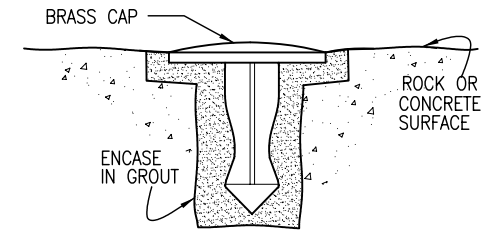
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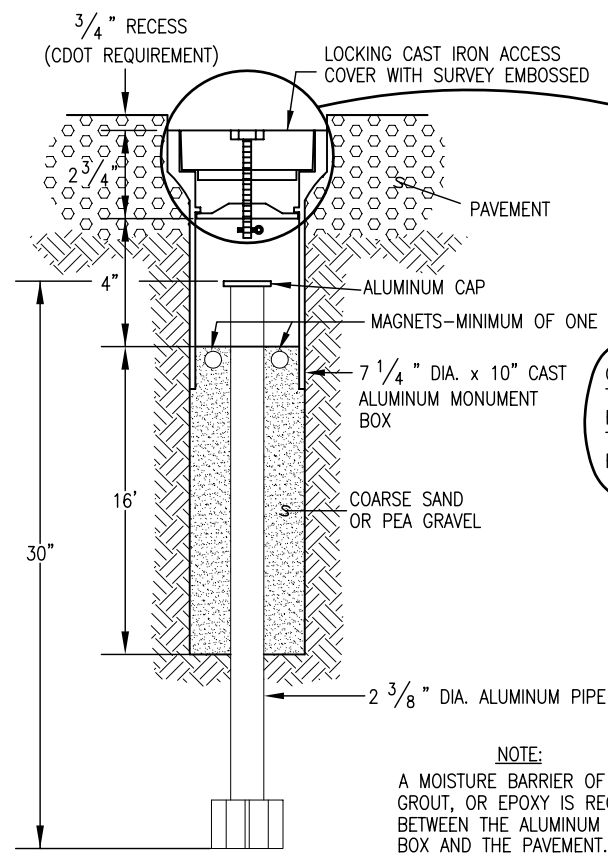
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**SECTION C-C**



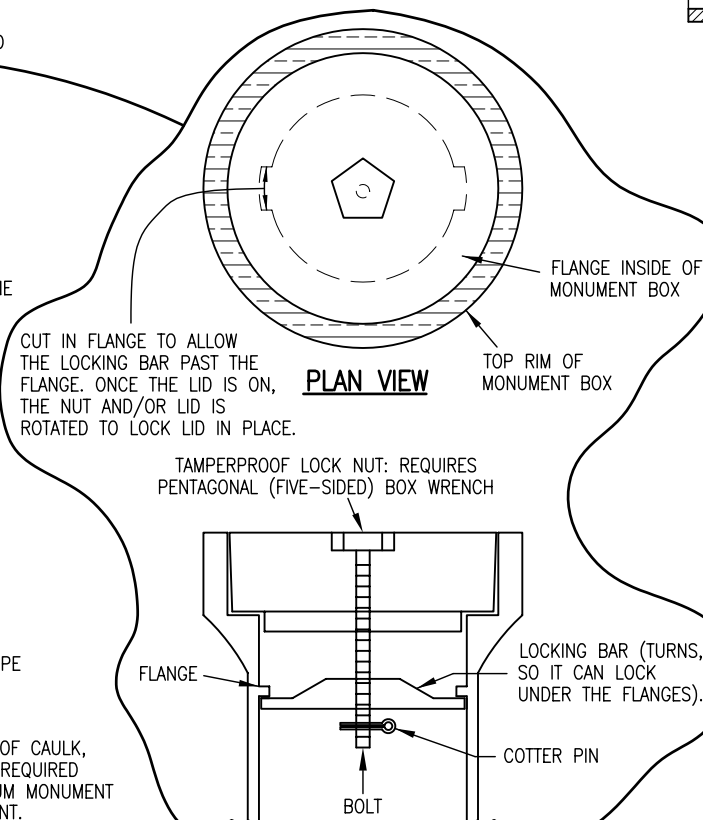
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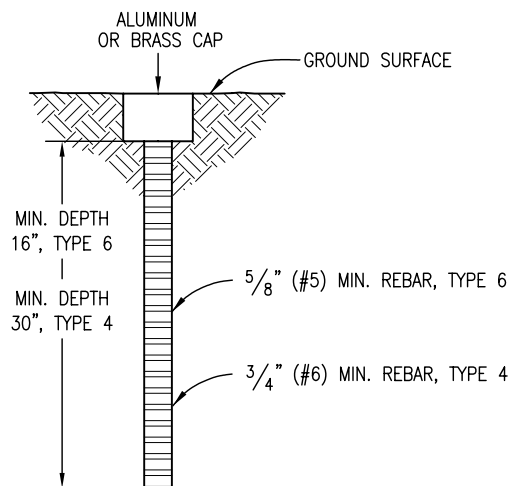
**TYPE 5 MONUMENT**  
ALUMINUM CAP AND TYPE 5(S)  
DETAILS SHOWN ON SHEET 2



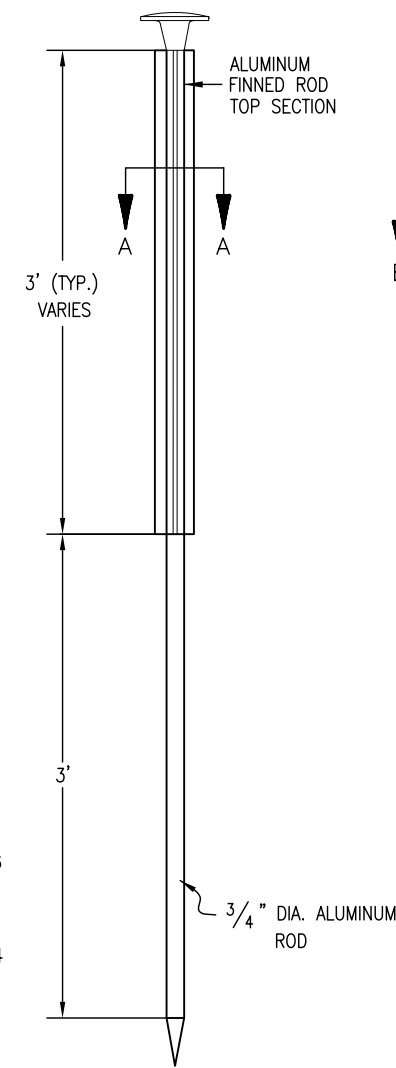
**TYPE 3A MONUMENT**  
ROADWAY INSTALLATION  
INCLUDES MONUMENT BOX



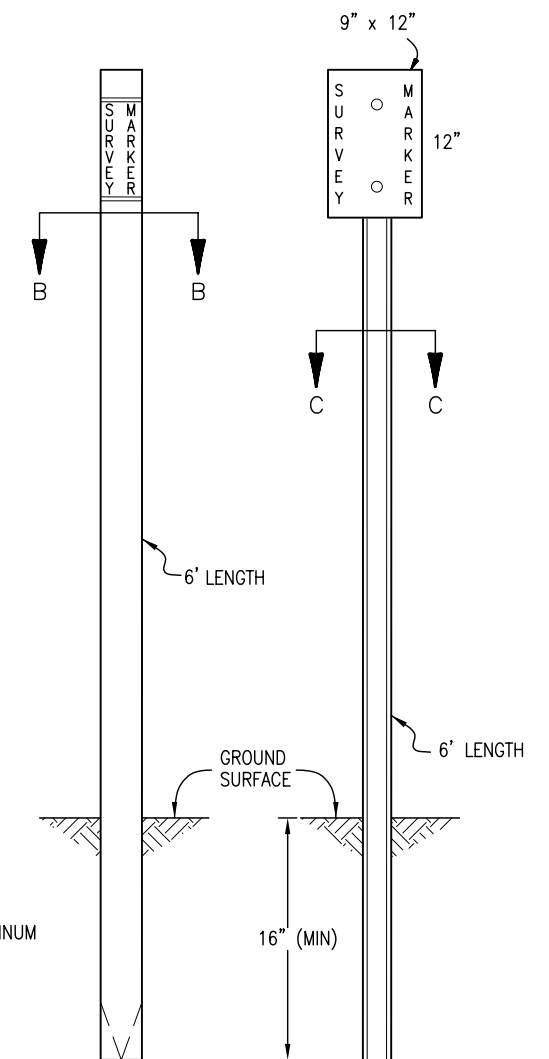
**LOCKING CAST IRON ACCESS COVER**



**TYPE 4 AND TYPE 6 MONUMENT**



**TYPE 2 MONUMENT**  
TYPE 2A INCLUDES MONUMENT BOX



**WITNESS POSTS**

**Computer File Information**

Creation Date: 07/04/06 Initials: SJR  
Last Modification Date: 07/04/06 Initials: LTA  
Full Path: www.dot.state.co.us/DesignSupport/  
Drawing File Name: 629010102.dwg  
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

| Date: | Comments: |
|-------|-----------|
| (R-X) |           |
| (R-X) |           |
| (R-X) |           |
| (R-X) |           |

**Colorado Department of Transportation**



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**Project Development Branch**

**SRJ/LTA**

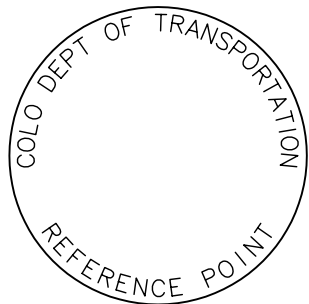
**SURVEY  
MONUMENTS**

Issued By: Project Development Branch on July 04, 2006

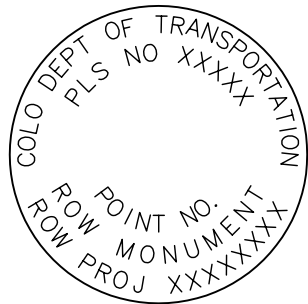
**STANDARD PLAN NO.**

**M-629-1**

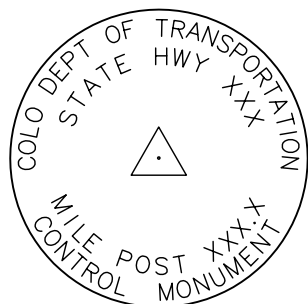
**Sheet No. 1 of 2**



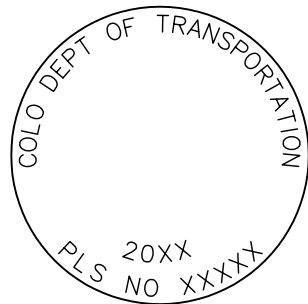
REFERENCE  
MONUMENT CAP



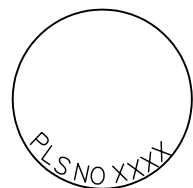
ROW  
MONUMENT CAP



CONTROL  
MONUMENT CAP

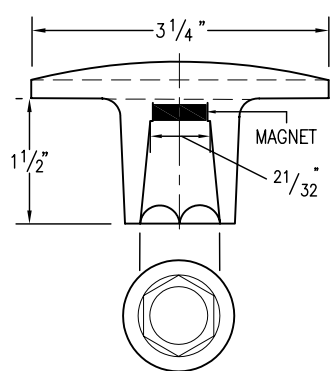


ALIQOT CORNER  
MONUMENT CAP

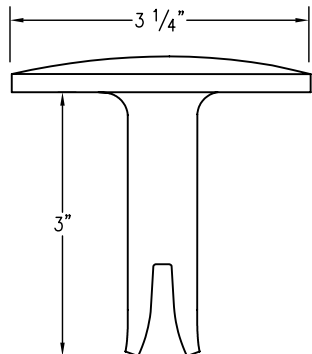


ALUMINUM CAP

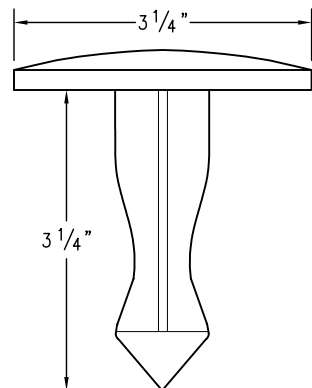
NOTE: A BLANK CAP MAY BE SUBSTITUTED IF THE APPROPRIATE CAP SHOWN ABOVE IS NOT AVAILABLE. IF A BLANK CAP IS USED, ALL INFORMATION NORMALLY INCLUDED ON THE APPROPRIATE STANDARD CAP, SHALL BE STAMPED ON THE BLANK CAP ALONG WITH SPECIFIC PROJECT INFORMATION SUCH AS PROJECT NO., DATE, POINT NO., ETC..



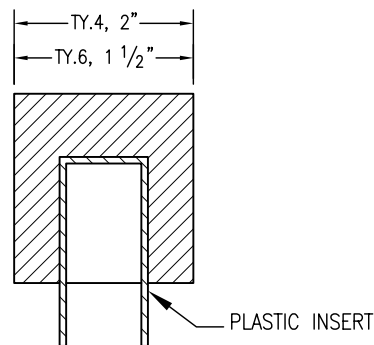
ALUMINUM CAP  
USED WITH ALUMINUM ROD



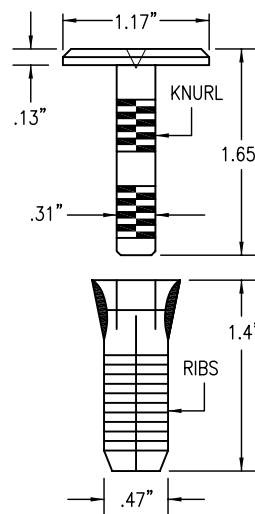
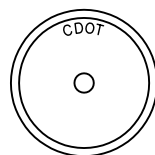
ALUMINUM CAP  
TYPE 5  
FOR PLACING IN EXISTING  
CONCRETE OR ROCK



BRASS CAP  
TYPE 5  
FOR PLACING IN EXISTING  
CONCRETE OR ROCK



ALUMINUM CAP



COPPER ALLOY CAP  
TYPE 5(S)  
FOR PLACING IN EXISTING  
SIDEWALK, CURB, OR GUTTER

## ALL MONUMENTATION MATERIALS WILL BE FURNISHED BY CDOT

THE MONUMENT TYPE SHALL MEET THE MINIMUM STANDARDS AS DETERMINED BY THE COLORADO STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS RULES (STATE BOARD RULES).

THE CDOT SURVEY COORDINATOR SHALL APPROVE ALL EXCEPTIONS FOR STAMPING MONUMENTS DIFFERING FROM THE STANDARDS.

## TYPE 1 AND TYPE 1A ALUMINUM FINNED ROD MONUMENTS

THIS MONUMENT SHALL BE USED FOR ROW OR REFERENCE MONUMENTS OR MAY BE USED FOR AN ALIQUOT CORNER MONUMENT. WHEN USED AS AN ALIQUOT CORNER MONUMENT, INSTALLATION AND RECORD FILING REQUIREMENTS SHALL BE AS STATED FOR TYPE 3 AND TYPE 3A MONUMENTS.

MONUMENTS SHALL BE INSTALLED BY ATTACHING THE PROPER SIZE TIP TO ONE END OF A SECTION OF FINNED ROD, AND A 3 IN. LONG X 3/4 IN. DIA. STAINLESS STEEL ADAPTER TO THE OTHER END. THE DRIVER IS THEN PLACED OVER THE STAINLESS STEEL ADAPTER FOR THE HAMMER TO CONTACT. TYPE 1 MONUMENTS SHALL USE A MINIMUM 3 FT. SECTION OF FINNED ROD. WHEN SUBSURFACE ROCK OR CONCRETE IS ENCOUNTERED LESS THAN 3 FT. BELOW THE GROUND SURFACE, THE ROD SHALL BE EMBEDDED IN THE ROCK OR IN CONCRETE AT LEAST 6 IN. AND GROUTED IN PLACE. THE ROD MAY BE SHORTENED TO ACCOMMODATE THE CONDITIONS.

WHEN UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, ADDITIONAL SECTIONS OF ROD SHALL BE ADDED TO ACHIEVE STABILITY. HORIZONTAL AND VERTICAL STABILITY ARE REQUIRED.

TYPE 1A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

## TYPE 2 AND TYPE 2A ALUMINUM FINNED ROD MONUMENTS

THIS MONUMENT SHALL BE USED FOR HORIZONTAL AND VERTICAL CONTROL MONUMENTS. WHEN UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, ADDITIONAL SECTIONS OF ROD SHALL BE ADDED TO ACHIEVE STABILITY. HORIZONTAL AND VERTICAL STABILITY ARE REQUIRED. IN MOST SOIL CONDITIONS THE TYPE 2 MONUMENT IS EMBEDDED 6 FT. INTO THE GROUND.

THE MONUMENT SHALL BE INSTALLED BY FIRST ATTACHING THE PROPER SIZE TIP TO A 3 FT. LONG X 3/4 IN. DIA. ROD, THEN DRIVING THE ROD AT LEAST 30 IN. INTO THE GROUND. ADDITIONAL 3 FT. LONG X 3/4 IN. FINNED ROD SECTIONS SHALL BE ADDED AND DRIVEN FLUSH WITH THE GROUND UNTIL THE MONUMENT IS IN A STABLE POSITION. THE FINS ARE BENT OVER USING PLIERS TO ACCOMMODATE INSTALLING THE CAP. THE CAP IS FIRMLY SEATED ONTO THE LAST FINNED SECTION OF ROD USING A DEAD BLOW SLEDGE HAMMER.

TYPE 2A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

## TYPE 3 AND TYPE 3A ALUMINUM PIPE MONUMENTS

THIS MONUMENT SHALL BE USED FOR AN ALIQUOT CORNER MONUMENT. THE INSTALLATION OF THIS MONUMENT AND RECORD FILING SHALL BE DONE IN ACCORDANCE WITH THE STATE BOARD RULES. ALSO REFER TO THE CDOT SURVEY MANUAL AND THE BUREAU OF LAND MANAGEMENT REQUIREMENTS FOR MONUMENT INSTALLATION. THE LAND SURVEYOR'S LICENSE NUMBER AND THE YEAR SHALL BE STAMPED ON THE CAP.

TYPE 3A MONUMENT INCLUDES MONUMENT BOX. A LOCKING CAST IRON ACCESS COVER SHALL BE INSTALLED WHEN THE MONUMENT IS LOCATED IN THE ROADWAY PAVEMENT.

## TYPE 4 ALUMINUM MONUMENT

THIS MONUMENT MAY BE INSTALLED IN LIEU OF REPLACING THE ENTIRE MONUMENT WHEN REBAR IS IN PLACE AT AN ALIQUOT CORNER LOCATION. REFER TO THE STATE BOARD RULES. A MINIMUM 2 IN. DIA. CAP SHALL BE USED ON 3/4 IN. (#6) REBAR.

## TYPE 5 BRASS/ALUMINUM CAP MONUMENT

THIS MONUMENT MAY BE INSTALLED IN LIEU OF ALL OTHER CDOT MONUMENTS, WHEN THE POSITION IS LOCATED IN CONCRETE OR STABLE ROCK FORMATION.

## TYPE 5(S) COPPER ALLOY CAP MONUMENT – SMALL

THIS MONUMENT MAY BE INSTALLED IN LIEU OF A TYPE 5 MONUMENT, WHEN THE POSITION IS LOCATED IN A CONCRETE SIDEWALK, CURB OR GUTTER, OR WHEN SETTING A TYPE 5 WOULD COMPROMISE THE INTEGRITY OF THE RECEIVING STRUCTURE.

### STAMPING REQUIREMENTS:

- "RP", WHEN THE APPLICATION IS A REFERENCE POINT.
- "ROW", POINT NUMBER, "LS", AND REGISTRATION NUMBER WHEN THE APPLICATION IS A ROW POINT.
- "CP" AND A UNIQUE IDENTIFIER PROVIDED BY THE REGION SURVEY COORDINATOR, WHEN THE APPLICATION IS A CONTROL POINT.
- "PE", POINT NUMBER, "LS", AND REGISTRATION NUMBER, WHEN THE APPLICATION IS A PERMANENT EASEMENT POINT.
- "PP" AND POINT NUMBER, WHEN THE APPLICATION IS A PROJECT POINT.

## TYPE 6 ALUMINUM MONUMENT

THIS MONUMENT SHALL BE USED FOR PERMANENT EASEMENTS, PROJECT BENCH MARKS, PROJECT POINTS, AND REFERENCES. AN ALUMINUM CAP WITH A MINIMUM DIAMETER OF 1 1/2 IN., SHALL BE USED ON 5/8 IN. (#5) MINIMUM REBAR.

## \* WITNESS POSTS

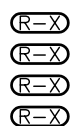
THE WITNESS POST WILL BE SUPPLIED BY CDOT AND INSTALLATION SHALL BE INCLUDED IN THE WORK. IT SHALL BE DRIVEN WITHIN 1 FT. OF THE MONUMENT WHEN POSSIBLE. A DELINEATOR POST WITH A 9 IN. X 12 IN. METAL SIGN PANEL MAY BE USED IN LIEU OF THE PLASTIC POST. THIS POST SHALL CONFORM TO STANDARD PLAN S-612-1. A REQUIRED WITNESS POST MAY BE OMITTED WITH THE APPROVAL OF THE ENGINEER IF THE WITNESS POST LOCATION IS WITHIN A TRAVELED WAY, DRIVEWAY, OR ACCESS OPENING.

## MONUMENT APPLICATION

| CAP TYPE                     | MONUMENT TYPE |    |   |    |   |    |   |   |      |   |
|------------------------------|---------------|----|---|----|---|----|---|---|------|---|
|                              | 1             | 1A | 2 | 2A | 3 | 3A | 4 | 5 | 5(S) | 6 |
| REFERENCE                    | X             | X  |   |    |   |    |   | X | X    | X |
| ROW                          | X             | X  |   |    |   |    |   | X | X    |   |
| CONTROL                      |               |    | X | X  |   |    |   | X | X    |   |
| ALIQOT CORNER                | X             | X  |   |    | X | X  | X | X |      |   |
| PERMANENT EASEMENT           |               |    |   |    |   |    |   | X | X    | X |
| PROJECT POINTS               |               |    |   |    |   |    |   | X | X    | X |
|                              |               |    |   |    |   |    |   |   |      |   |
| WITNESS POST *<br>(REQUIRED) | X             |    | X | X  | X |    |   | X |      |   |

### Computer File Information

Creation Date: 07/04/06 Initials: SJR  
Last Modification Date: 07/04/06 Initials: LTA  
Full Path: www.dot.state.co.us/DesignSupport/  
Drawing File Name: 629010202.dwg  
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English



### Sheet Revisions

| Date: | Comments |
|-------|----------|
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|       |          |
|       |          |

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Project Development Branch

SRJ/LTA

## SURVEY MONUMENTS

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## STANDARD PLAN NO.

M-629-1

Sheet No. 2 of 2