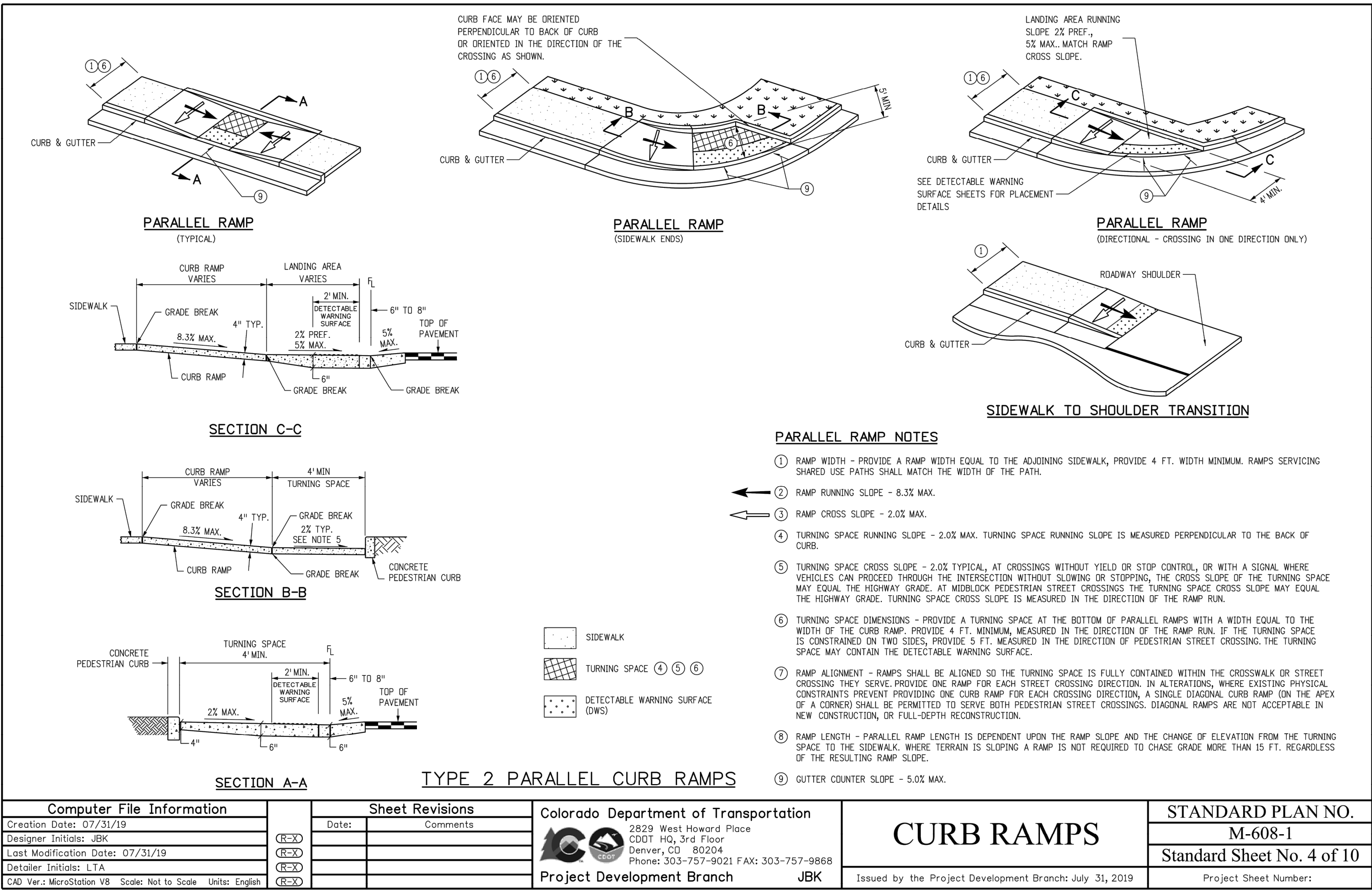
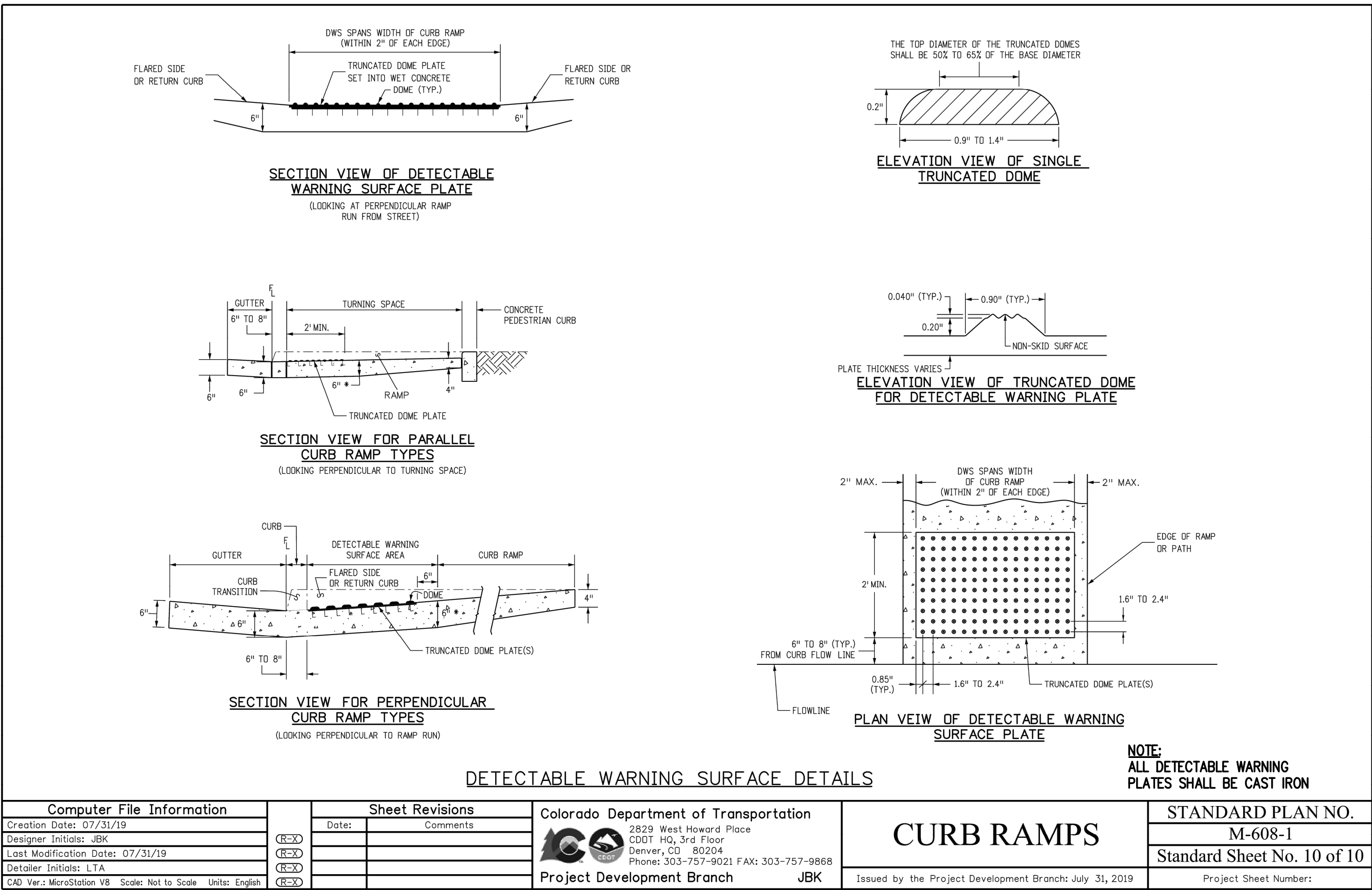


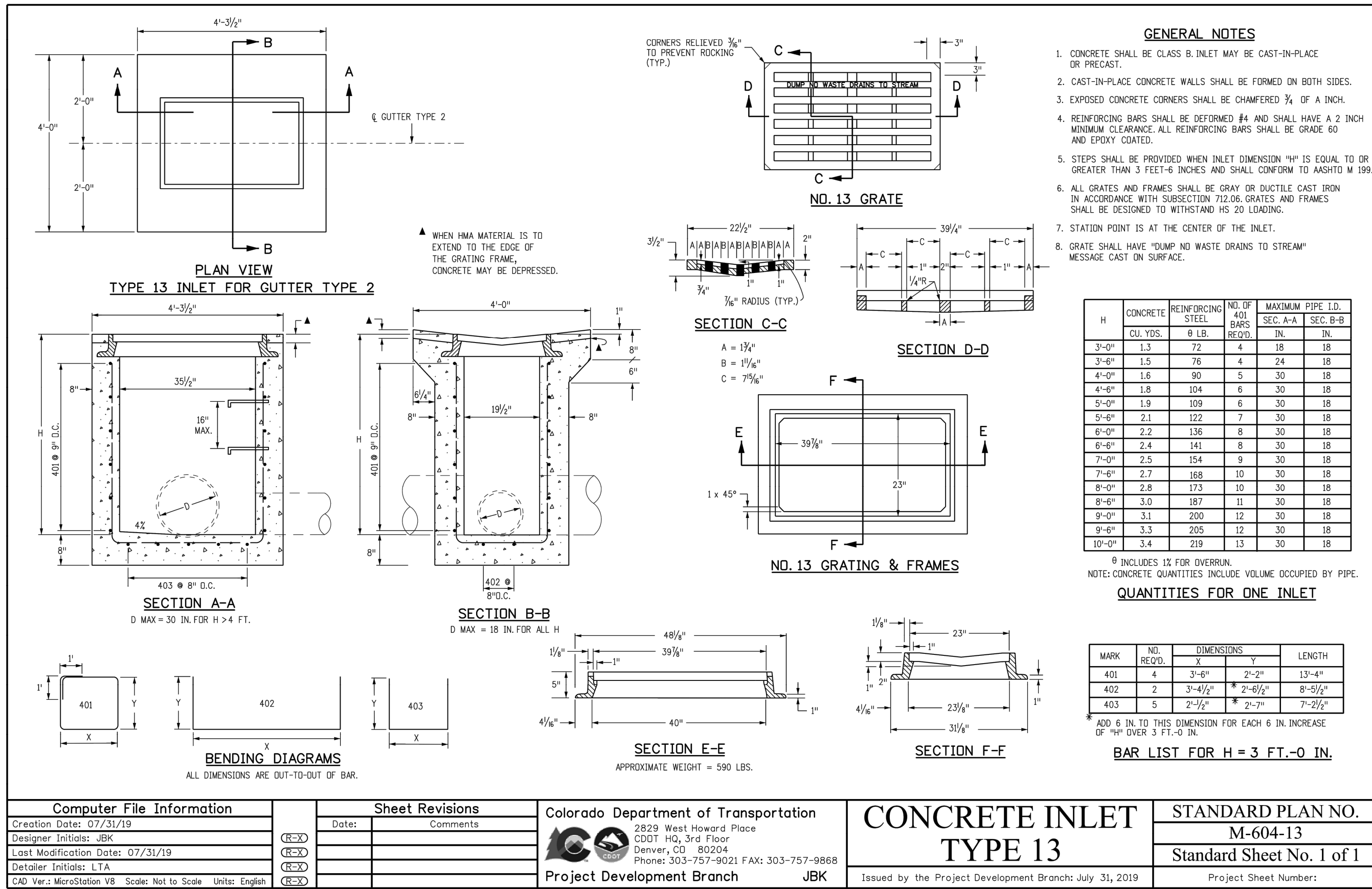
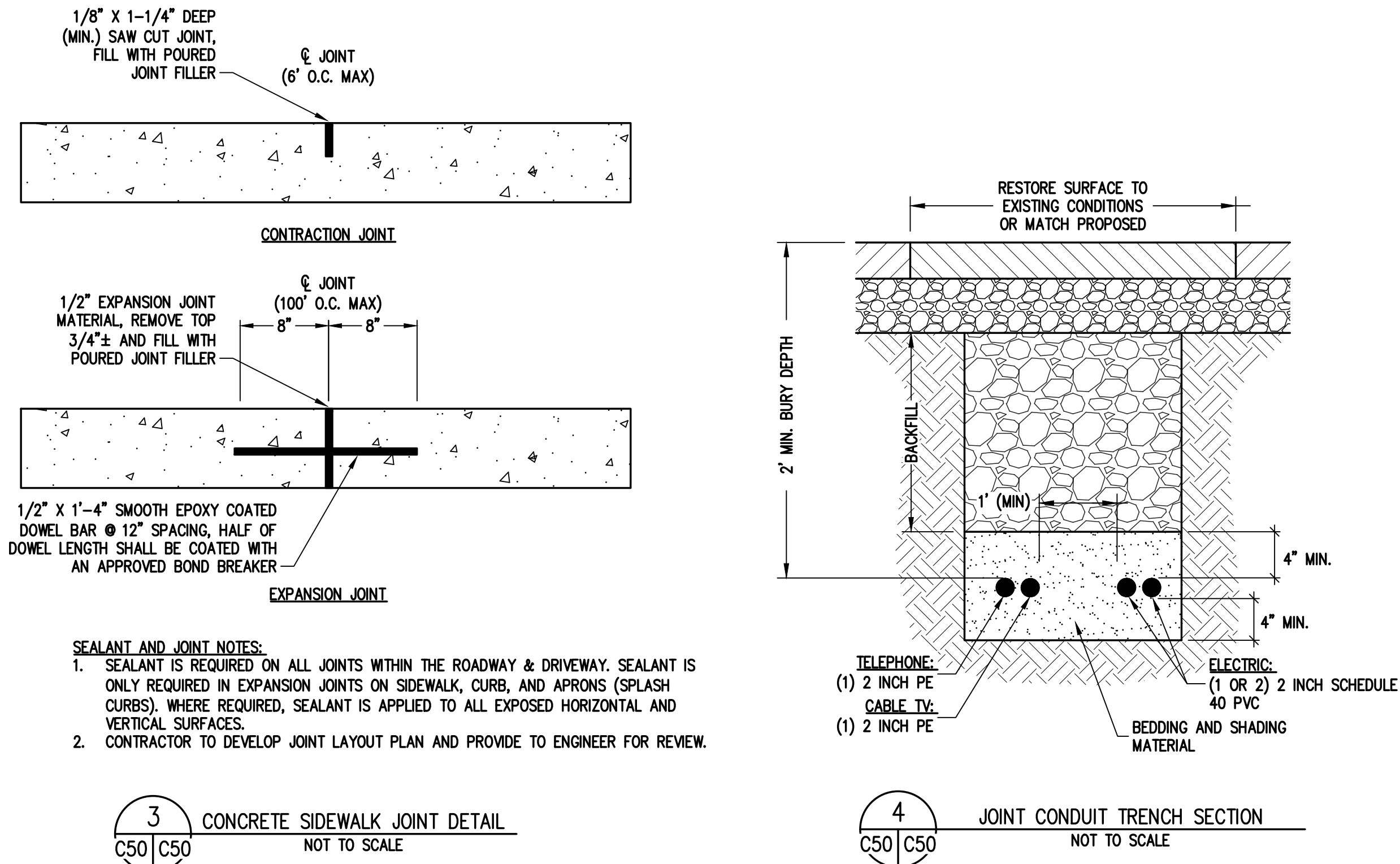
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1 CURBS RAMPS
C50 C50

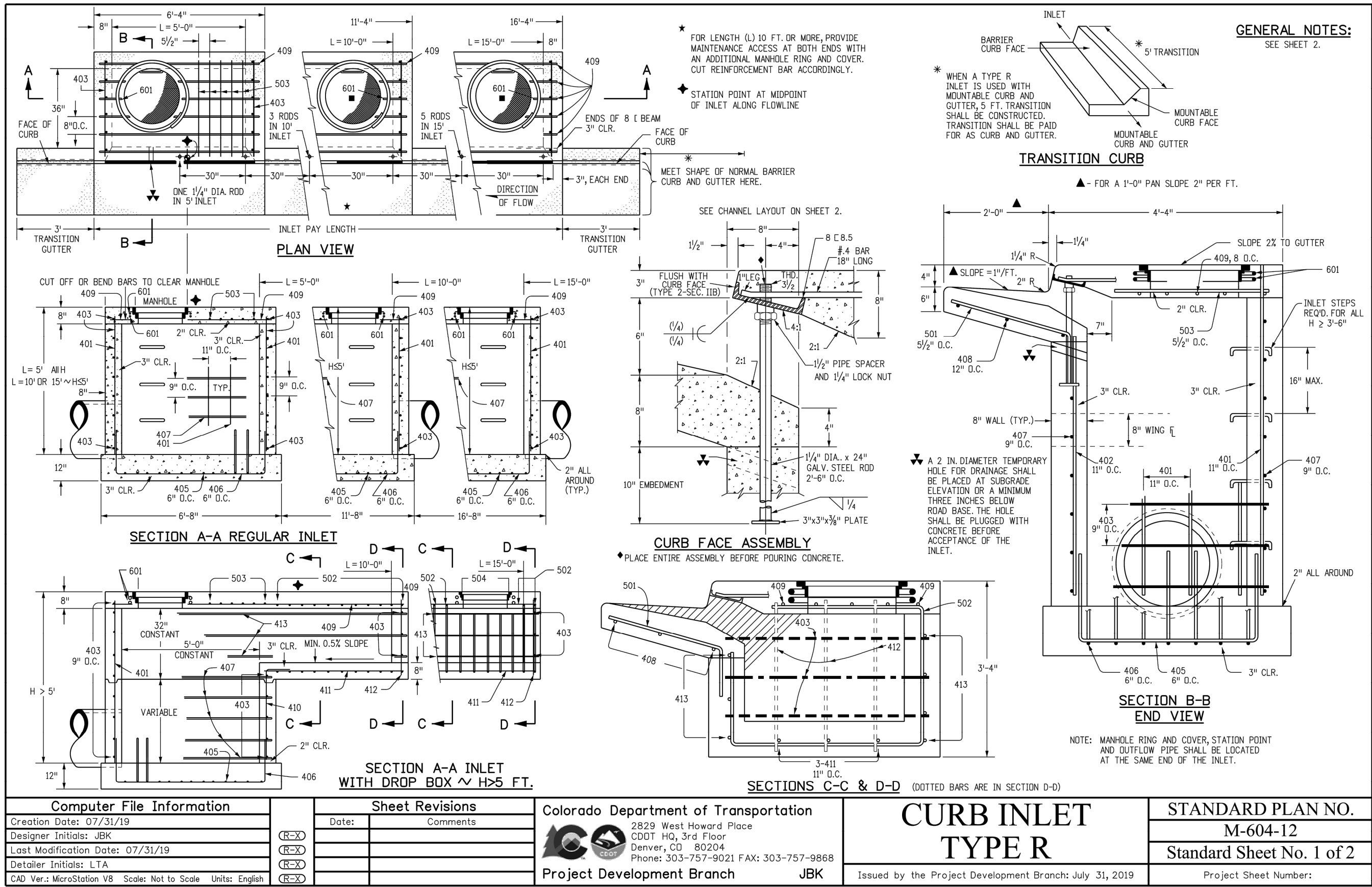


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C50 C50

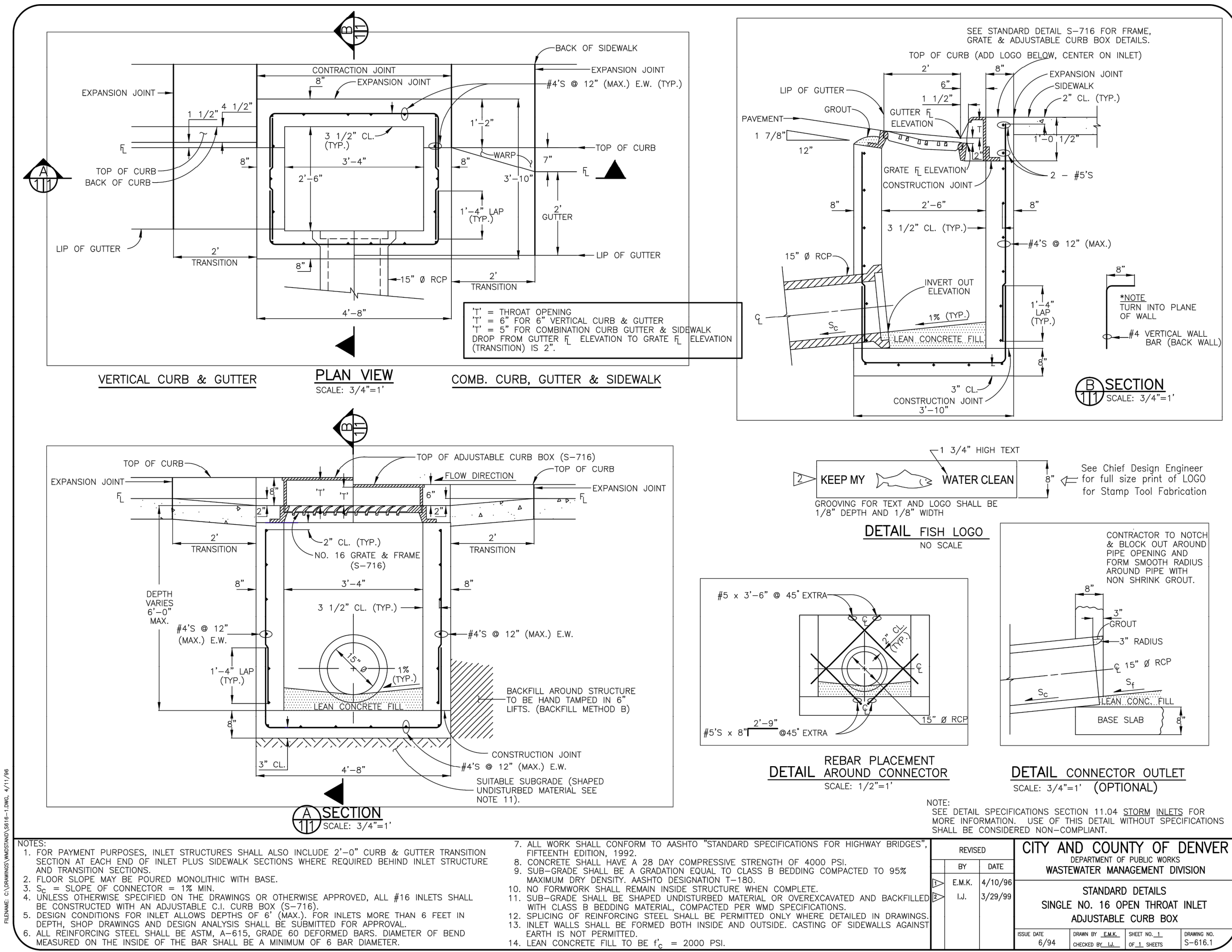


5 TYPE 13 INLET STANDARD DETAIL
C50 C50 NOT TO SCALE

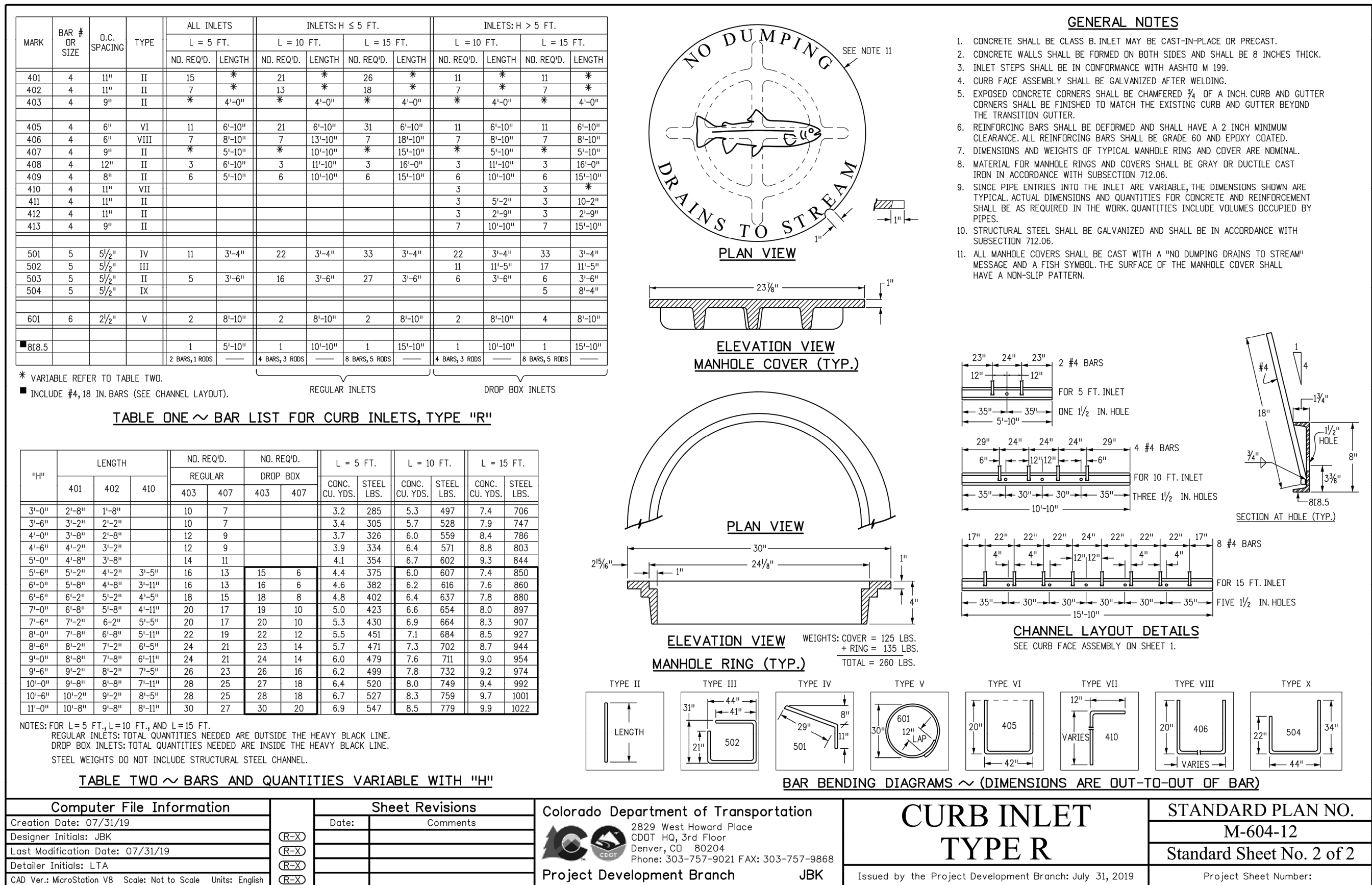
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SMB	2/29/2024	SMB	INITIAL SUBMITTAL FOR CITY REVIEW
TJM	5/15/2024	SMB	CITY COMMENTS
MRB			



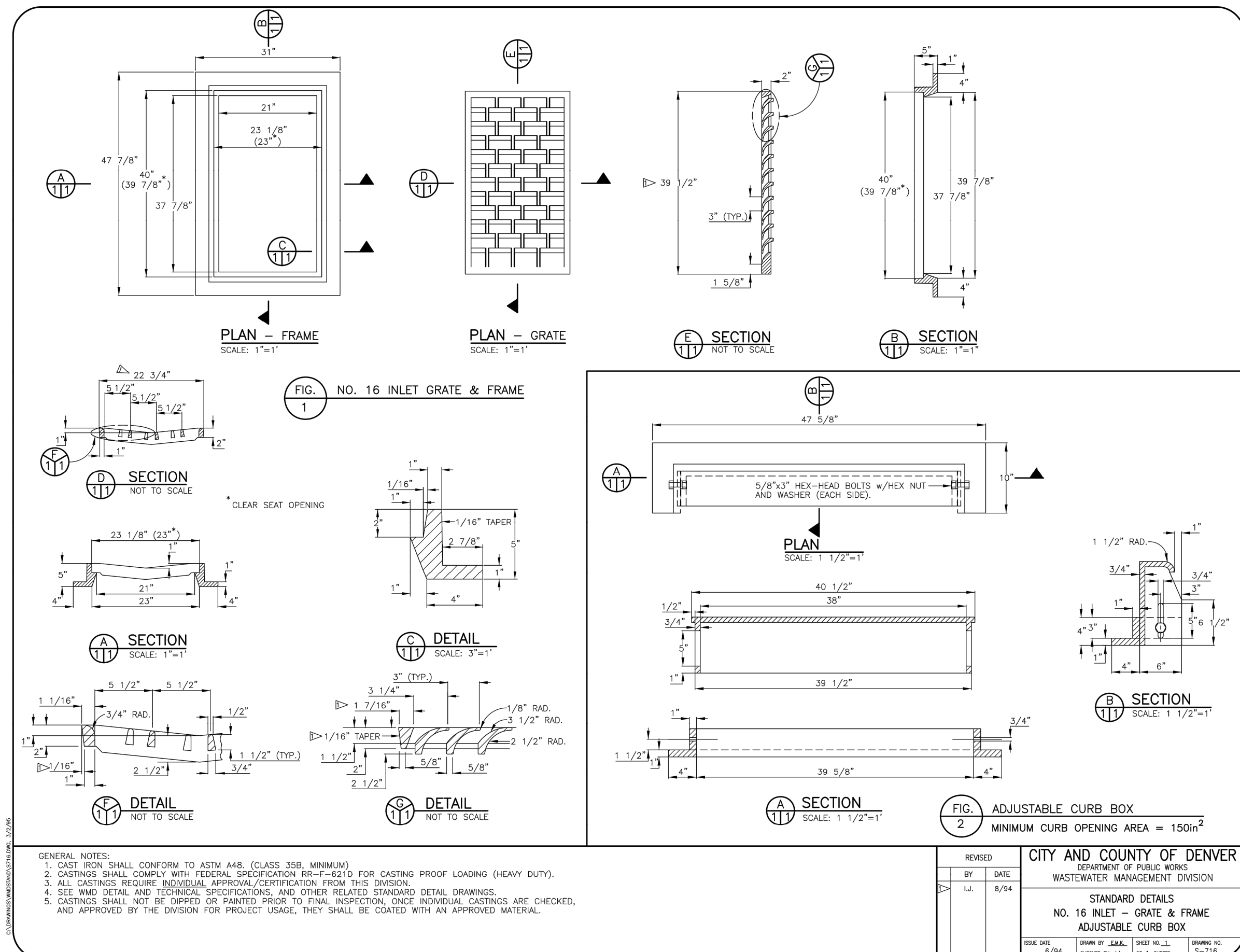
1 TYPE R INLET STANDARD DETAIL



3 TYPE 16 COMBO CURB INLET STANDARD DETAIL
NOT TO SCALE



2 TYPE R INLET STANDARD DETAIL



4 TYPE 16 FRAME & GRATE STANDARD DETAIL
NOT TO SCALE

BASELINE
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DESIGNED BY	DATE	PREPARED BY	DATE
SMB	2/29/2024	SMB	2/29/2024
DRWN BY	TJM	SMB	5/15/2024
CHECKED BY	MRB		

REVISION DESCRIPTION

NO.	DESCRIPTION
1	INITIAL SUBMITTAL FOR CITY REVIEW
2	CITY COMMENTS

CITY OF STEAMBOAT SPRINGS
THE ASTRID
2410 SKI TRAIL LANE
SITE DETAILS II

FOR AND ON BEHALF OF
BASELINE CORPORATION
Professional Engineer
34952
5-15-24

PREPARED UNDER THE DIRECT SUPERVISION OF

FOR AND ON BEHALF OF
BASELINE CORPORATION
Professional Engineer
34952
5-15-24

INITIAL SUBMITTAL 2/29/2024

DRAWING SIZE 24" x 36"

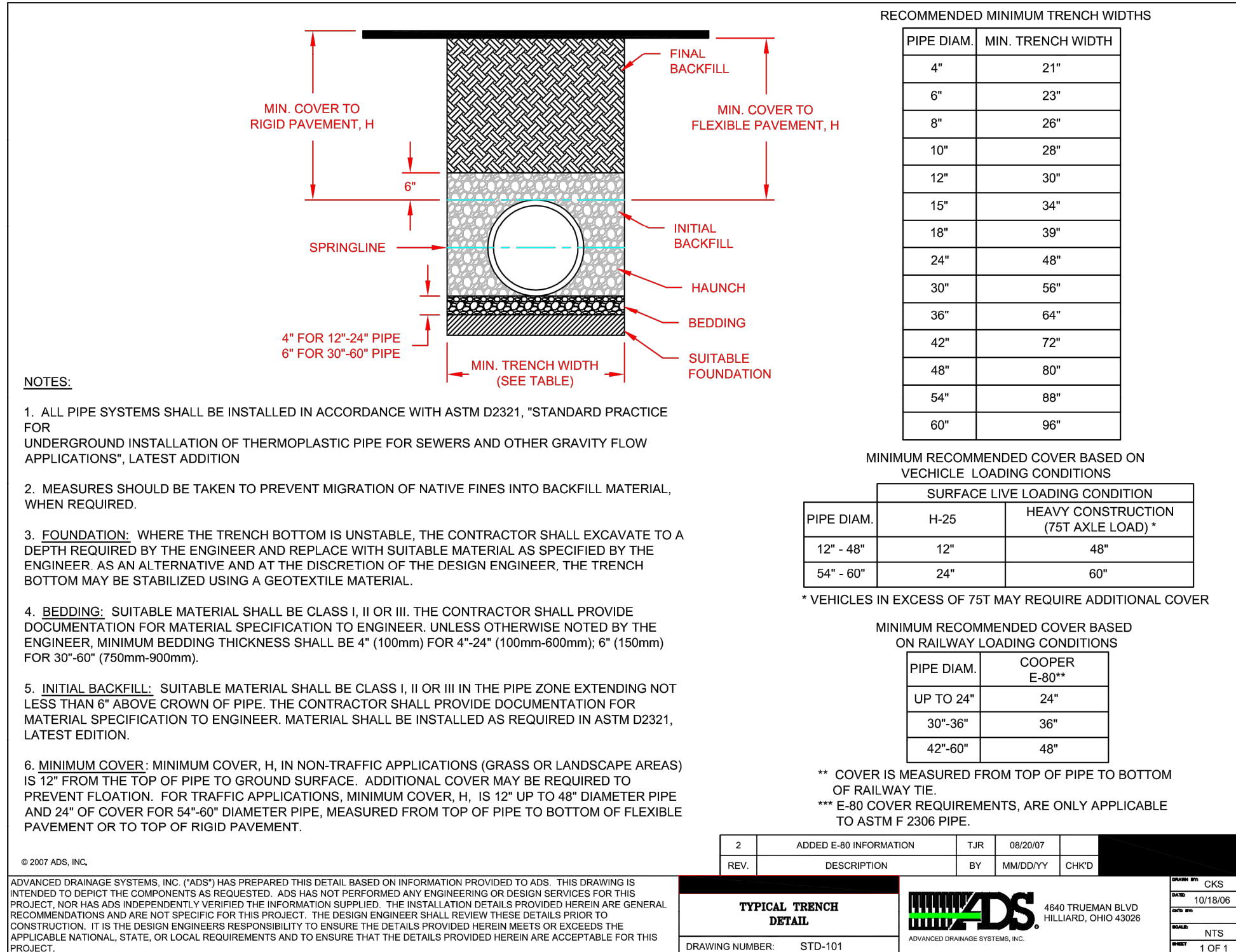
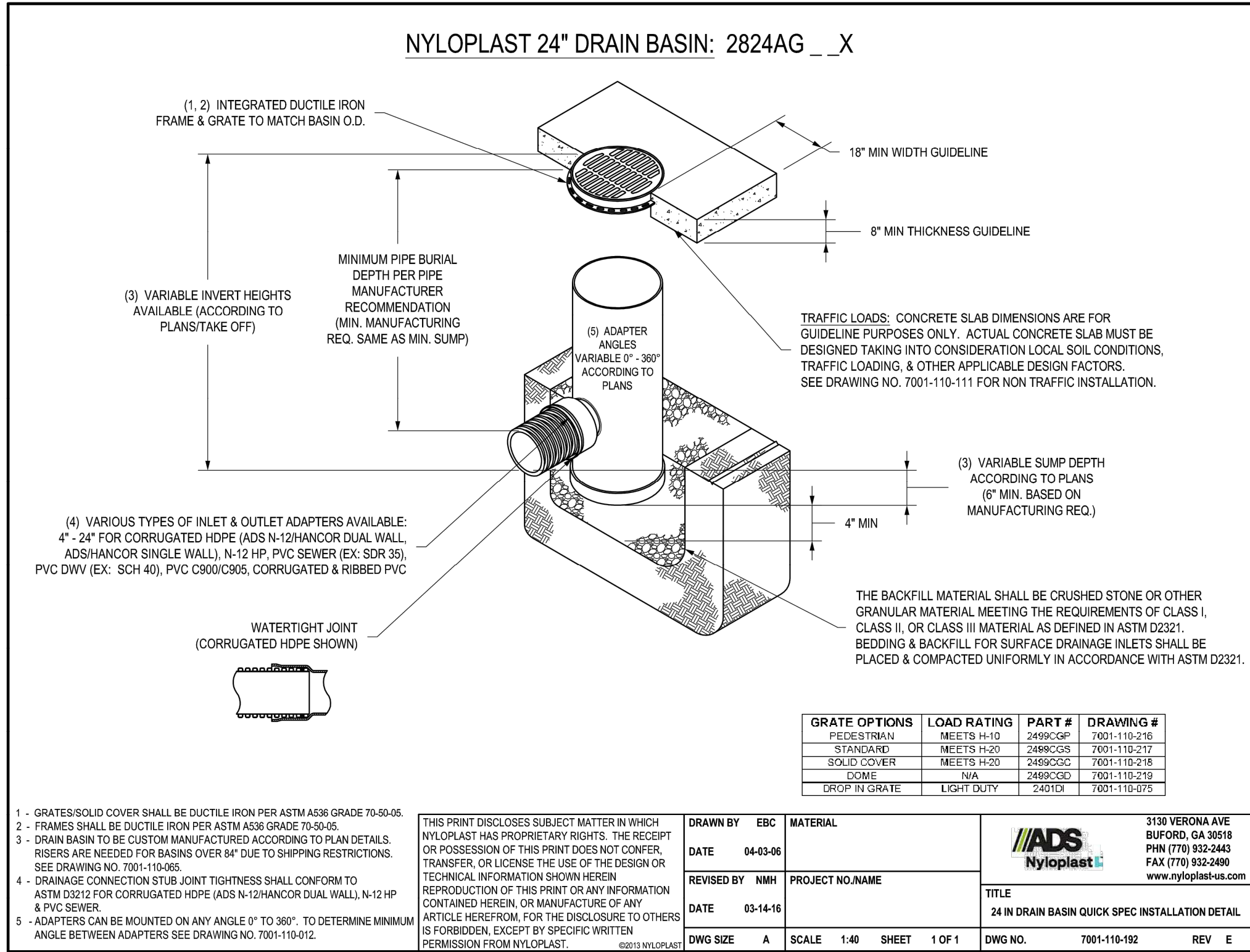
SURVEY FIRM SURVEY DATE
LANDMARK, INC 06/03/22

JOB NO. C020235

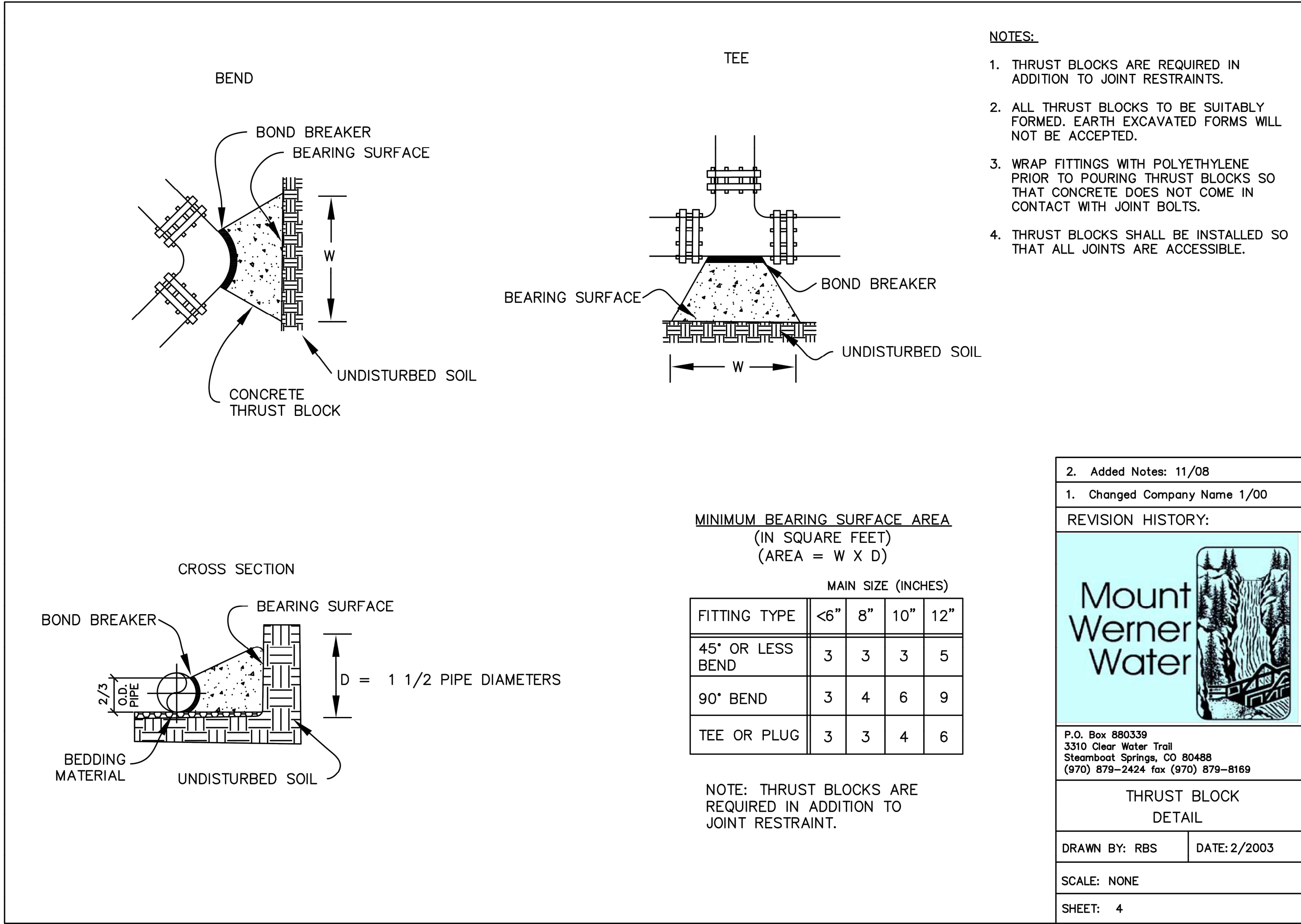
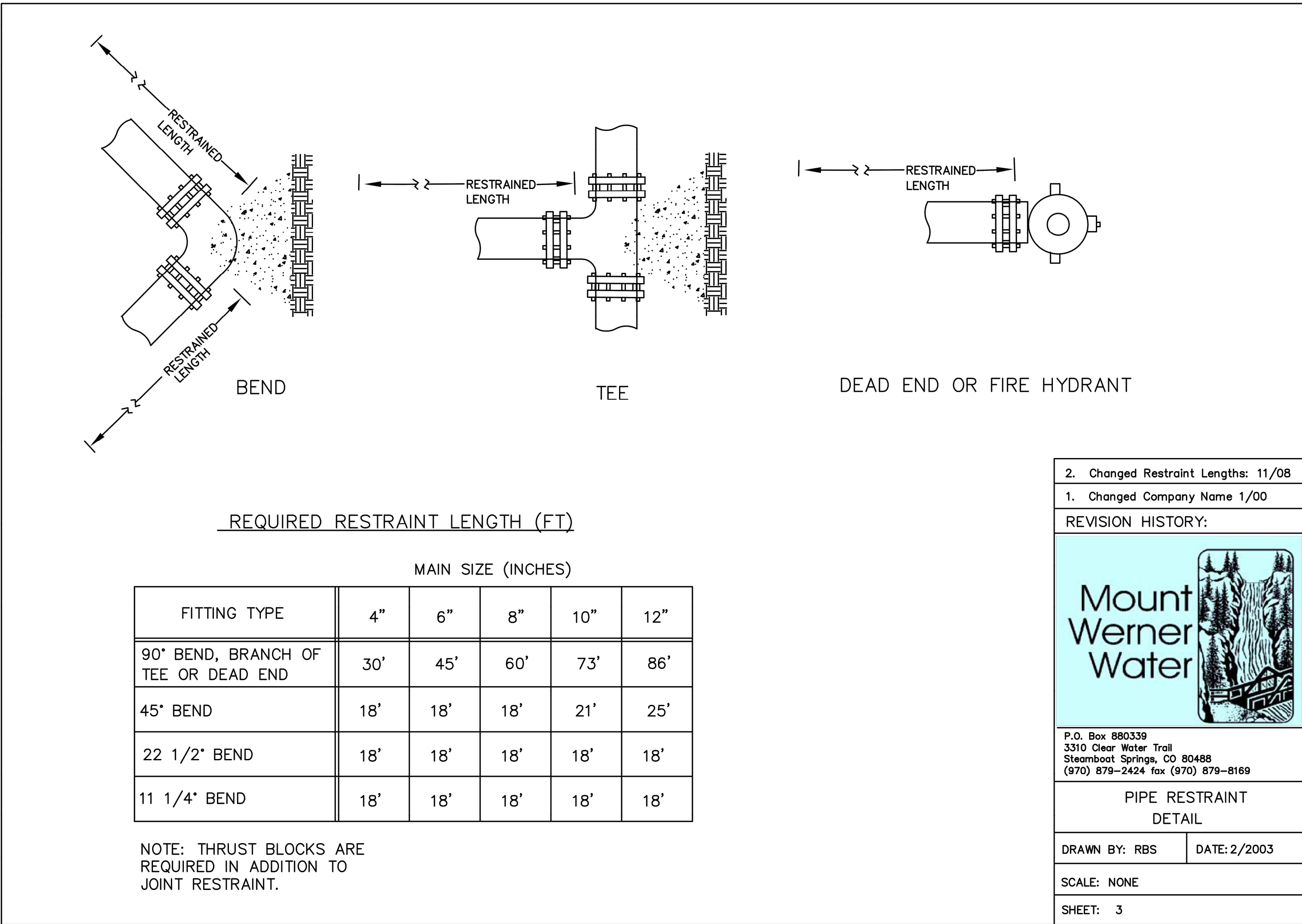
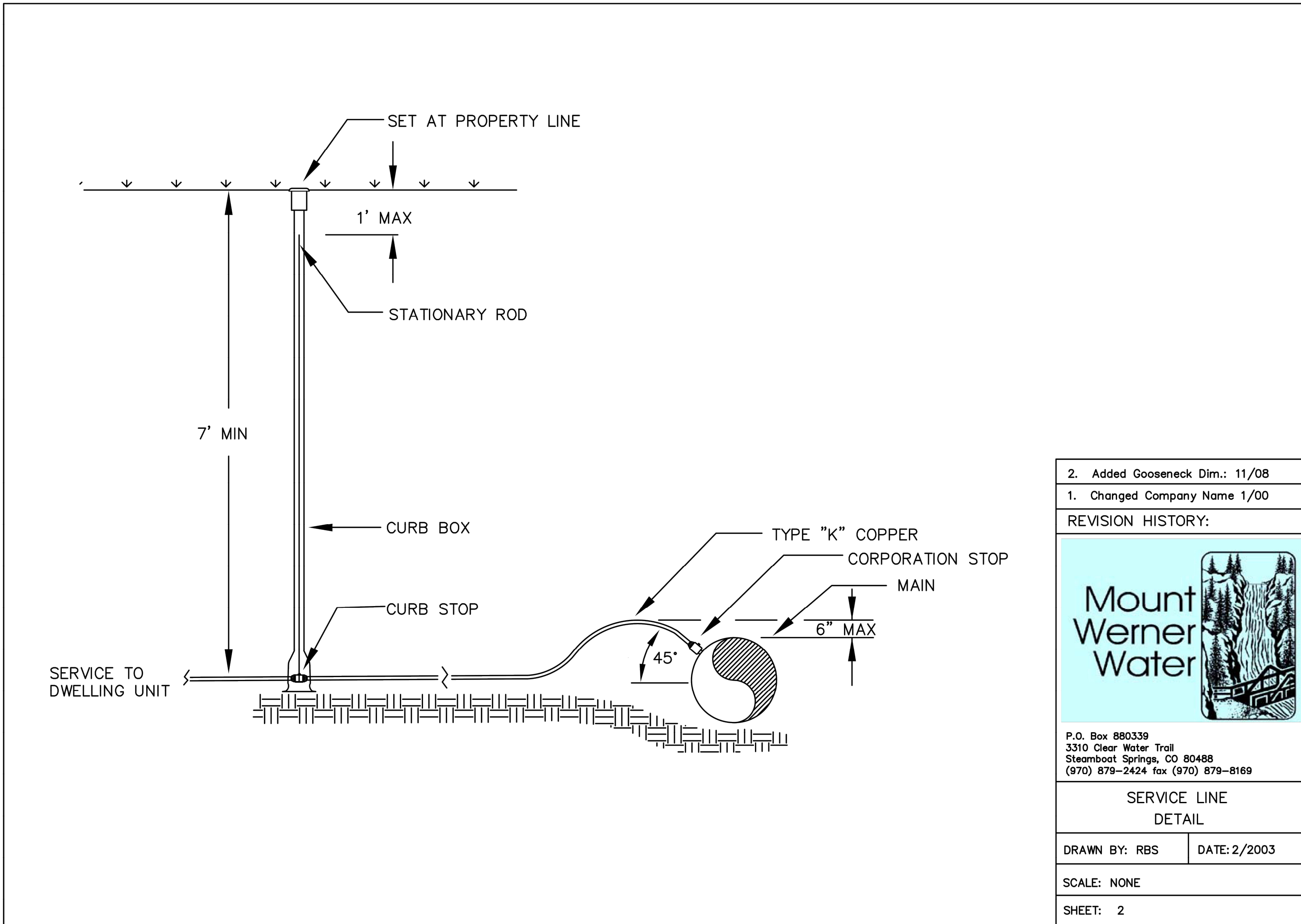
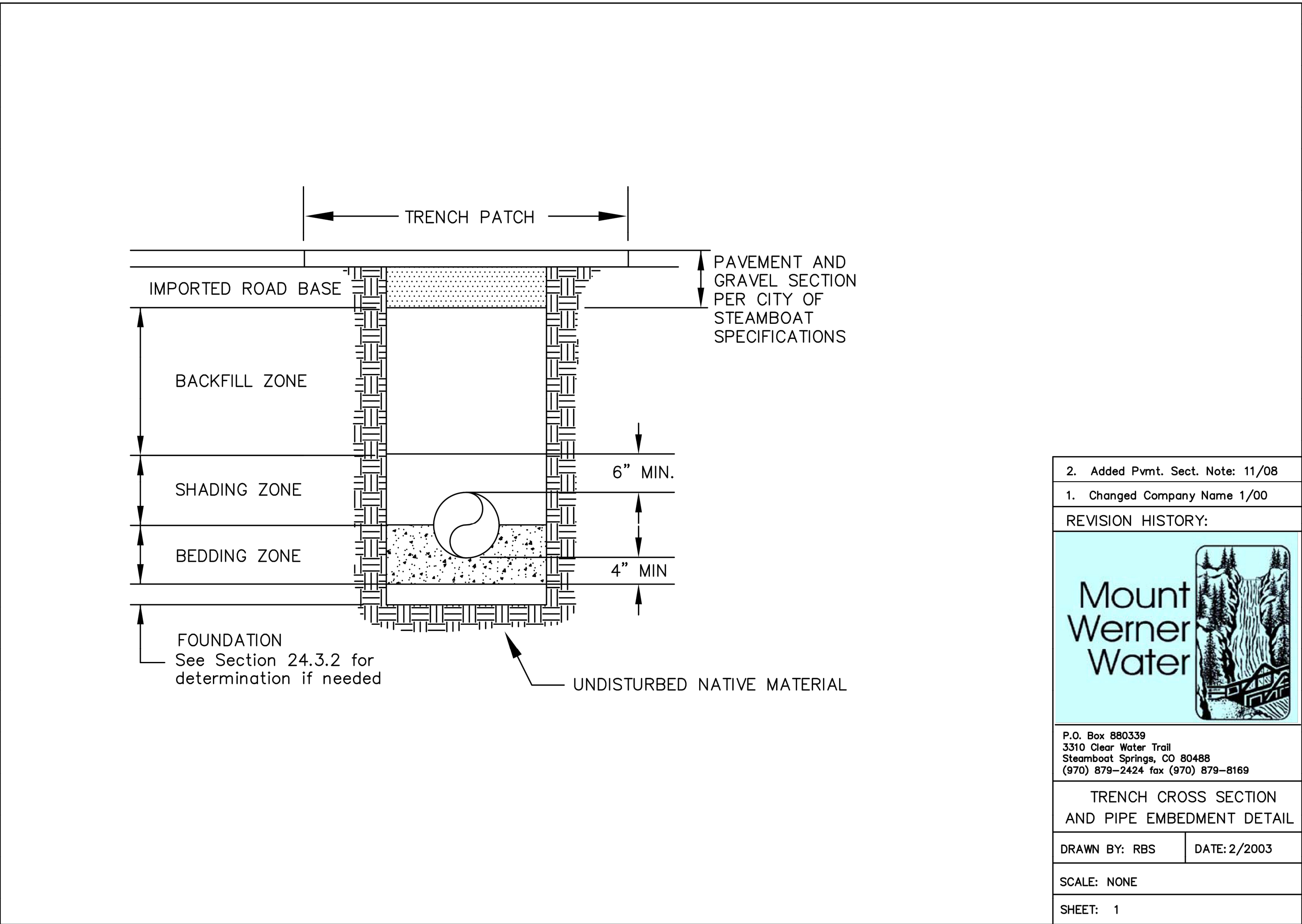
DRAWING NAME SITE DETAILS II

SHEET 51 OF 64

C51



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DESIGNED BY
SMB

DATE
2/29/2024

PREPARED BY
SMB

REVISION DESCRIPTION
INITIAL SUBMITTAL FOR CITY REVIEW

DRAWN BY
TJM

CITY COMMENTS

CHECKED BY
MRB

ROUTE COUNTY

THE ASTRID
2410 SKI TRAIL LANE
WWW DETAILS I

CITY OF STEAMBOAT SPRINGS

FOR AND ON BEHALF OF
BASELINE CORPORATION

34952
5-15-24

PROFESSIONAL ENGINEER

INITIAL SUBMITTAL 2/29/2024

DRAWING SIZE 24" X 36"

SURVEY FIRM LANDMARK, INC SURVEY DATE 06/03/22

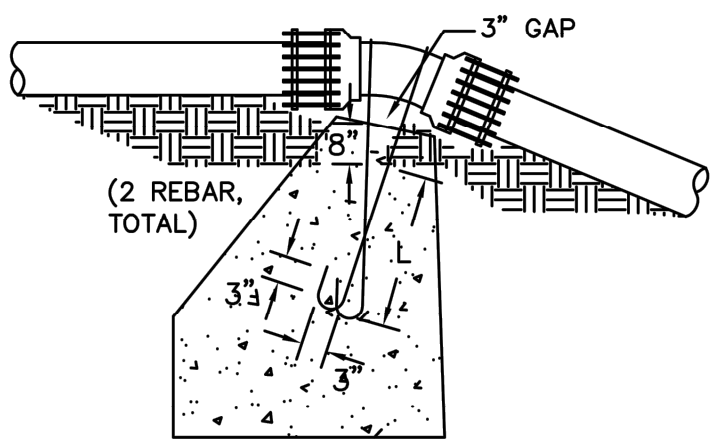
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DRAWING NAME WWW DETAILS I

SHEET 53 OF 64

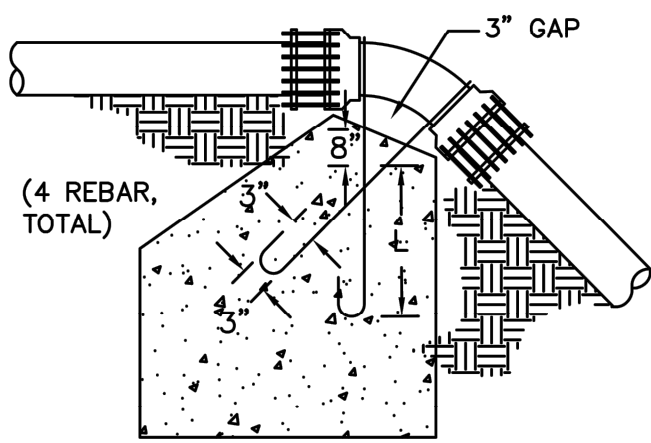
C53

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TYPE A RESTRAINT
11-1/4" & 22-1/2" VERTICAL OVER-BENDS

PIPE SIZE NOMINAL DIAMETER - INCH	VERTICAL BEND DEGREES	NO. OF CU. FT. OF CONC. BLOCKING	DIAMETER OF REBAR, "d" INCH	DEPTH OF RODS, "L" FT.
4"	11-1/4"	5	5/8"	1.5
	22-1/2"	10	5/8"	2.0
6"	11-1/4"	11	5/8"	2.0
	22-1/2"	22	5/8"	2.0
8"	11-1/4"	20	5/8"	2.0
	22-1/2"	39	5/8"	2.0
12"	11-1/4"	45	3/4"	2.0
	22-1/2"	88	3/4"	3.0
16"	11-1/4"	79	3/4"	3.0
	22-1/2"	156	3/4"	4.0
20"	11-1/4"	123	3/4"	3.5
	22-1/2"	243	1"	4.0
24"	11-1/4"	177	3/4"	4.0
	22-1/2"	350	1"	4.0
30"	11-1/4"	277	1"	4.0
	22-1/2"	546	1-1/4"	4.0



TYPE B RESTRAINT
45" VERTICAL OVER-BENDS

PIPE SIZE NOMINAL DIAMETER - INCH	VERTICAL BEND DEGREES	NO. OF CU. YD. OF CONC. BLOCKING	DIAMETER OF REBAR, "d" INCH	DEPTH OF RODS, "L" FT.
4"	45°	0.7	5/8"	2.0
6"	45°	1.5	5/8"	2.5
8"	45°	2.7	5/8"	3.0
12"	45°	6.1	3/4"	4.0
16"	45°	10.9	3/4"	4.0
20"	45°	17.1	1"	4.0
24"	45°	24.6	1"	4.0
30"	45°	38.4	1-1/4"	4.0

NOTES:

- THRUST BLOCKS ARE REQUIRED IN ADDITION TO JOINT RESTRAINT.
- SPECIAL REQUIREMENTS:
 - THRUST BLOCKS FOR PIPE SIZES OR CONFIGURATIONS NOT SHOWN REQUIRE SPECIAL DESIGN.
 - BEARING AREAS, VOLUMES, AND SPECIAL THRUST BLOCKING DETAILS SHOWN ON DRAWINGS TAKE PRECEDENCE OVER THIS TYPICAL DETAIL.
 - REINFORCING STEEL BARS TO BE EPOXY COATED, AT LEAST 15 MILS THICK. MINIMUM YIELD STRENGTH OF REBAR IS 60,000 PSI.
 - RESTRAINT SIZING IS BASED UPON A MAXIMUM OPERATING PRESSURE OF 150 PSI, A TEST PRESSURE OF 200 PSI, AND A MINIMUM SOIL BEARING STRENGTH OF 2000 PSF. OPERATING PRESSURES IN EXCESS OF 150 PSI OR SOILS WITH LESS THAN 2000 PSF BEARING STRENGTH WILL REQUIRE SPECIAL DESIGN.
- FOR VERTICAL UNDER-BEND FOLLOW HORIZONTAL THRUST BLOCK DETAIL

1. Initial Release 3/07

REVISION HISTORY:



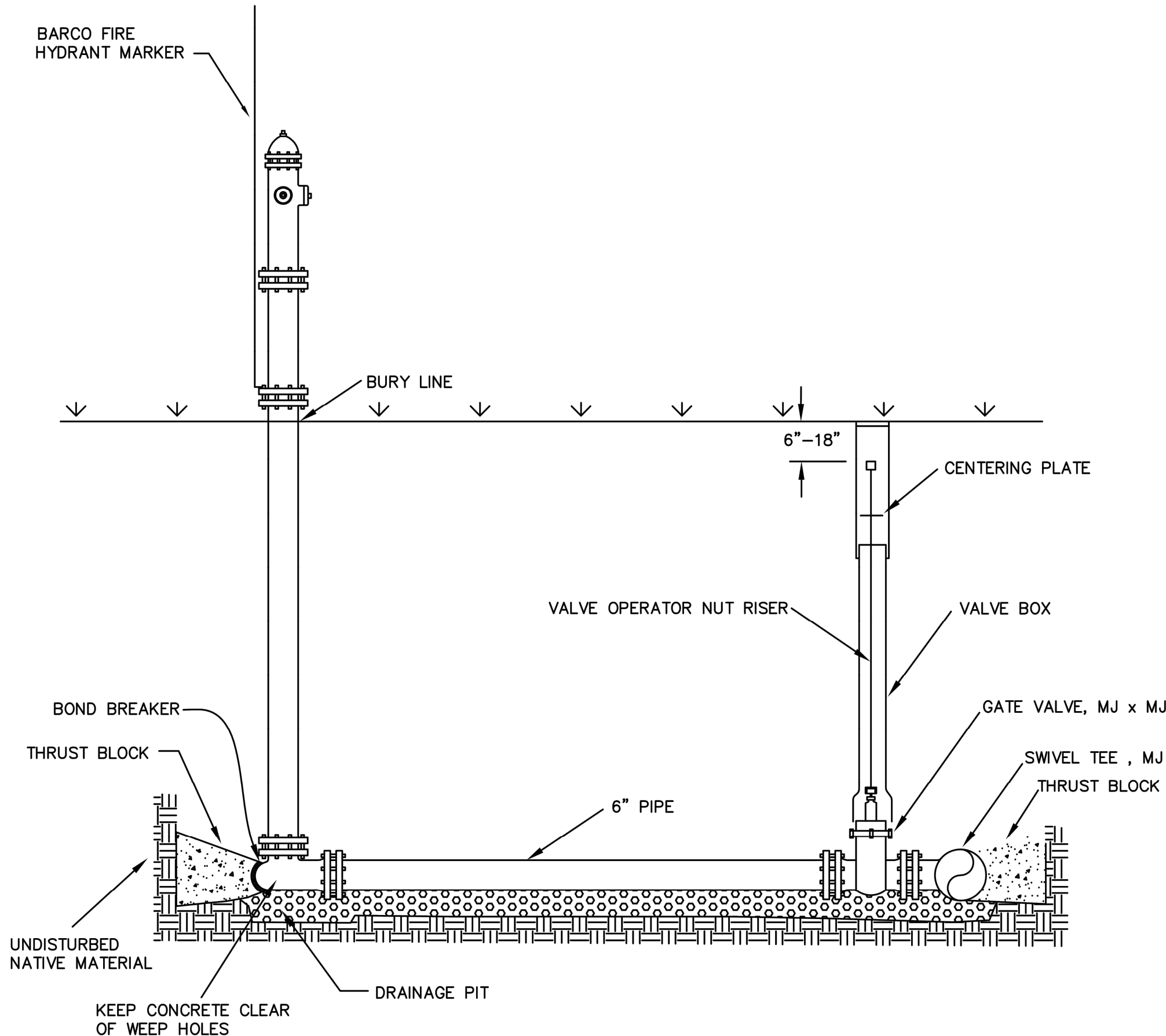
P.O. Box 880339
3310 Clear Water Trail
Steamboat Springs, CO 80488
(970) 879-2424 fax (970) 879-8169

VERTICAL THRUST BLOCK
DETAIL

DRAWN BY: CL, RM DATE:2/2003

SCALE: NONE

SHEET: 5



2. Added Riser Length: 11/08

1. Changed Company Name 1/00

REVISION HISTORY:



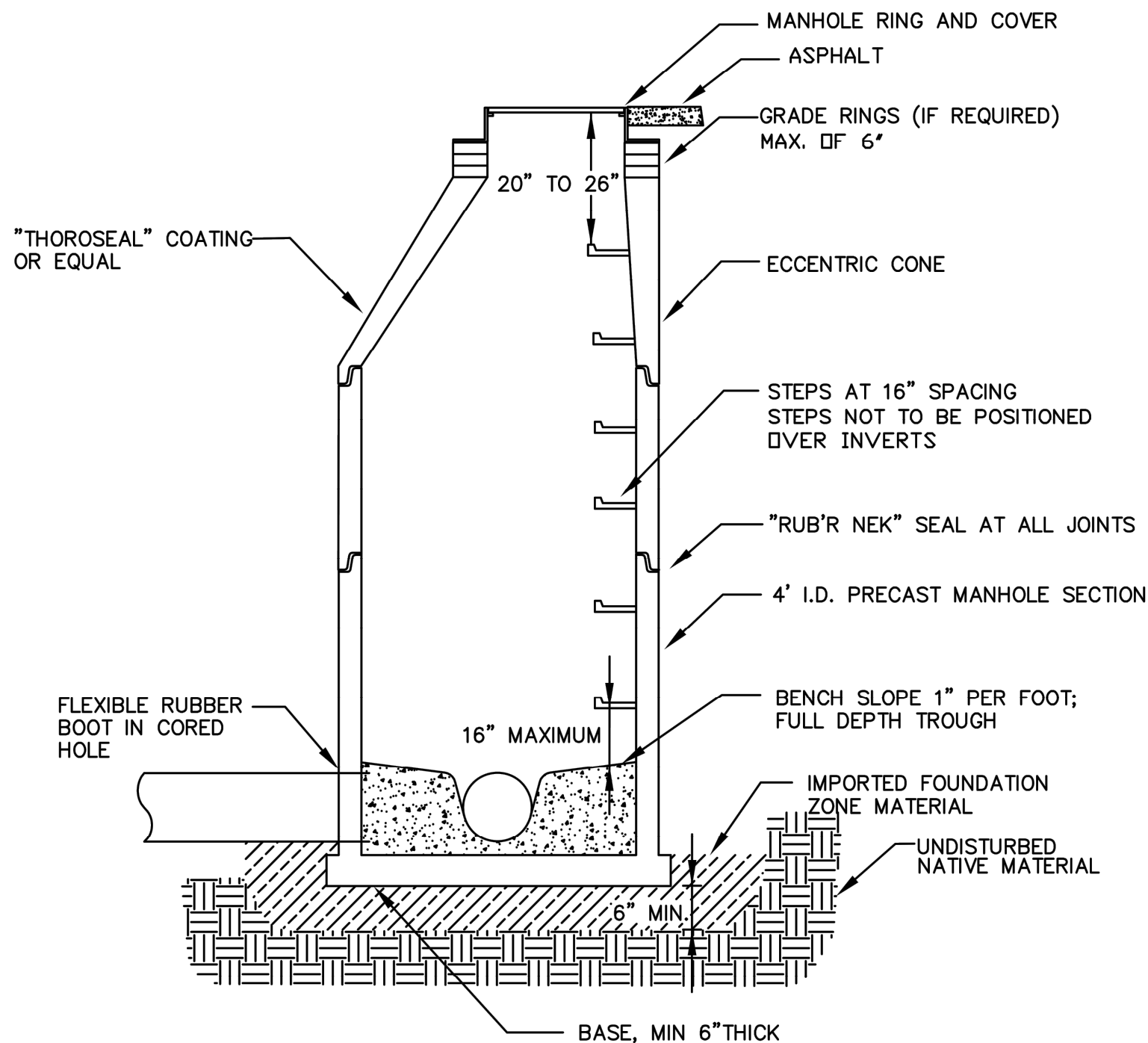
P.O. Box 880339
3310 Clear Water Trail
Steamboat Springs, CO 80488
(970) 879-2424 fax (970) 879-8169

FIRE HYDRANT
DETAIL

DRAWN BY: RBS DATE:2/2003

SCALE: NONE

SHEET: 6



NOTE:

RUB'R NECK SEALS AT ALL JOINTS; INCLUDING CASTING TO GRADE RING, BETWEEN ALL GRADE RINGS AND AT ALL PRECAST JOINTS.

2. Added Note: 11/08

1. Revised MH Trough: 5/07

REVISION HISTORY:



P.O. Box 880339
3310 Clear Water Trail
Steamboat Springs, CO 80488
(970) 879-2424 fax (970) 879-8169

STANDARD MANHOLE
CROSS SECTION DETAIL

DRAWN BY: RBS DATE:2/2003

SCALE: NONE

SHEET: 8

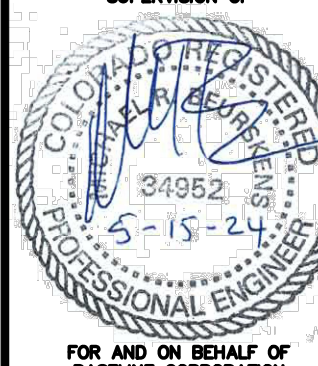
STEAMBOAT ESQUIAR LP

THE ASTRID
2410 SKI TRAIL LANE
WWW DETAILS II

CITY OF STEAMBOAT SPRINGS

ROUTT COUNTY

PREPARED UNDER THE DIRECT SUPERVISION OF



FOR AND ON BEHALF OF
BASELINE CORPORATION

INITIAL SUBMITTAL 2/29/2024

DRAWING SIZE 24" X 36"

SURVEY FIRM LANDMARK, INC. SURVEY DATE 06/03/22

JOB NO. C020235

DRAWING NAME MWW DETAILS II

SHEET 54 OF 64

C54

REVISION DESCRIPTION

PREPARED BY SMB

DATE 2/29/2024

INITIAL SUBMITTAL FOR CITY REVIEW

CITY COMMENTS

DRAWN BY TJM

CHECKED BY MRB

DESIGNED BY SMB

REVISION DESCRIPTION

DATE 2/29/2024

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