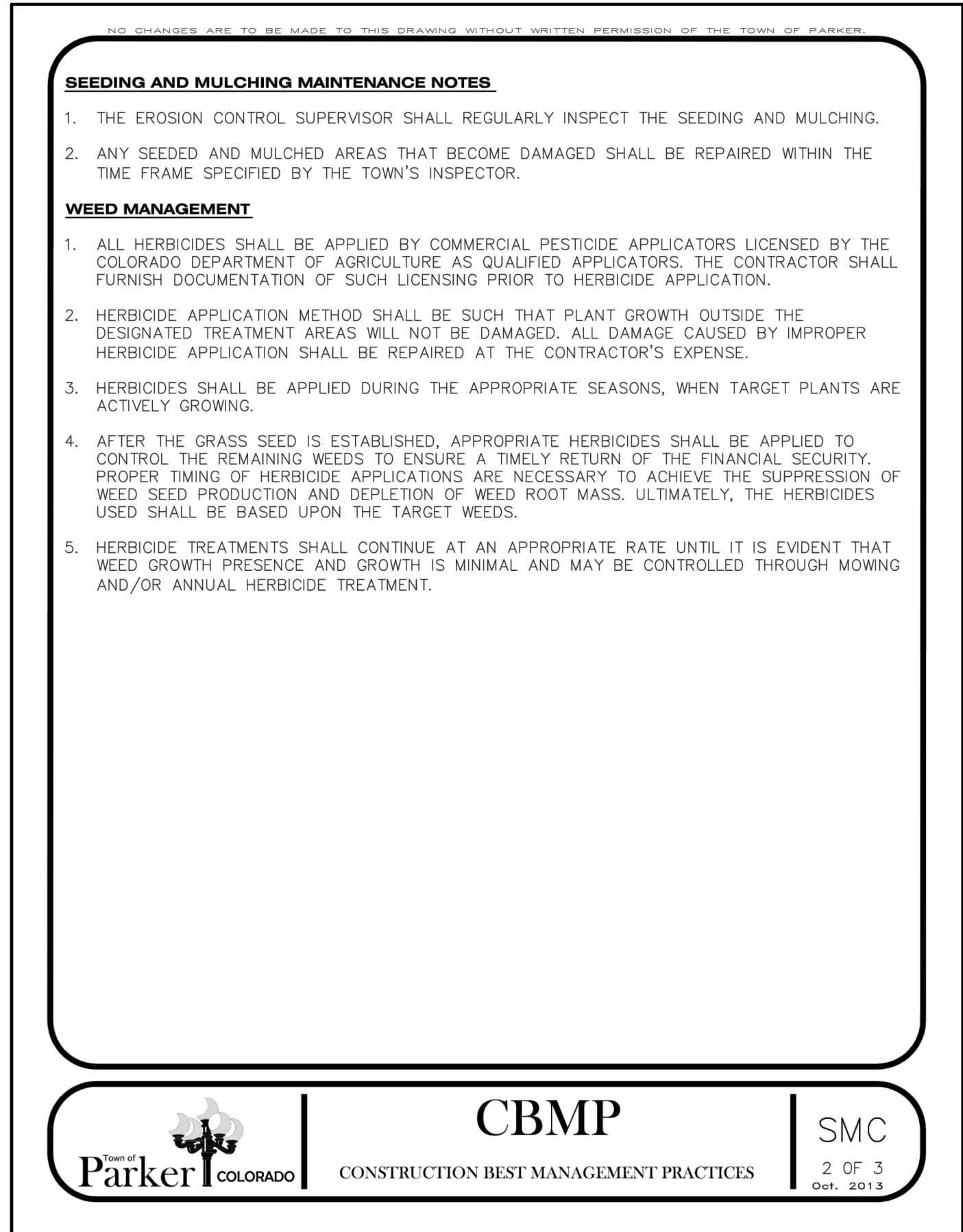
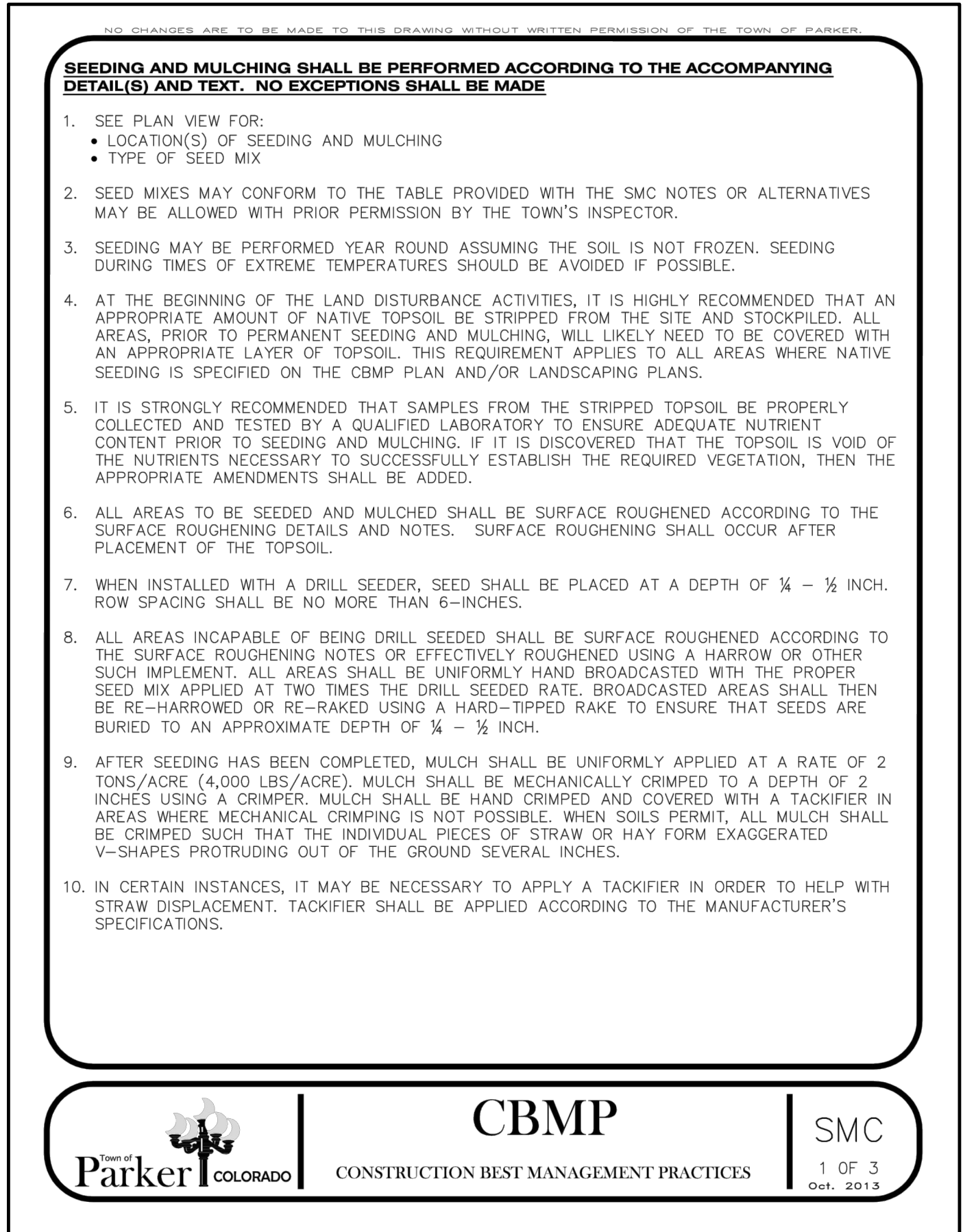
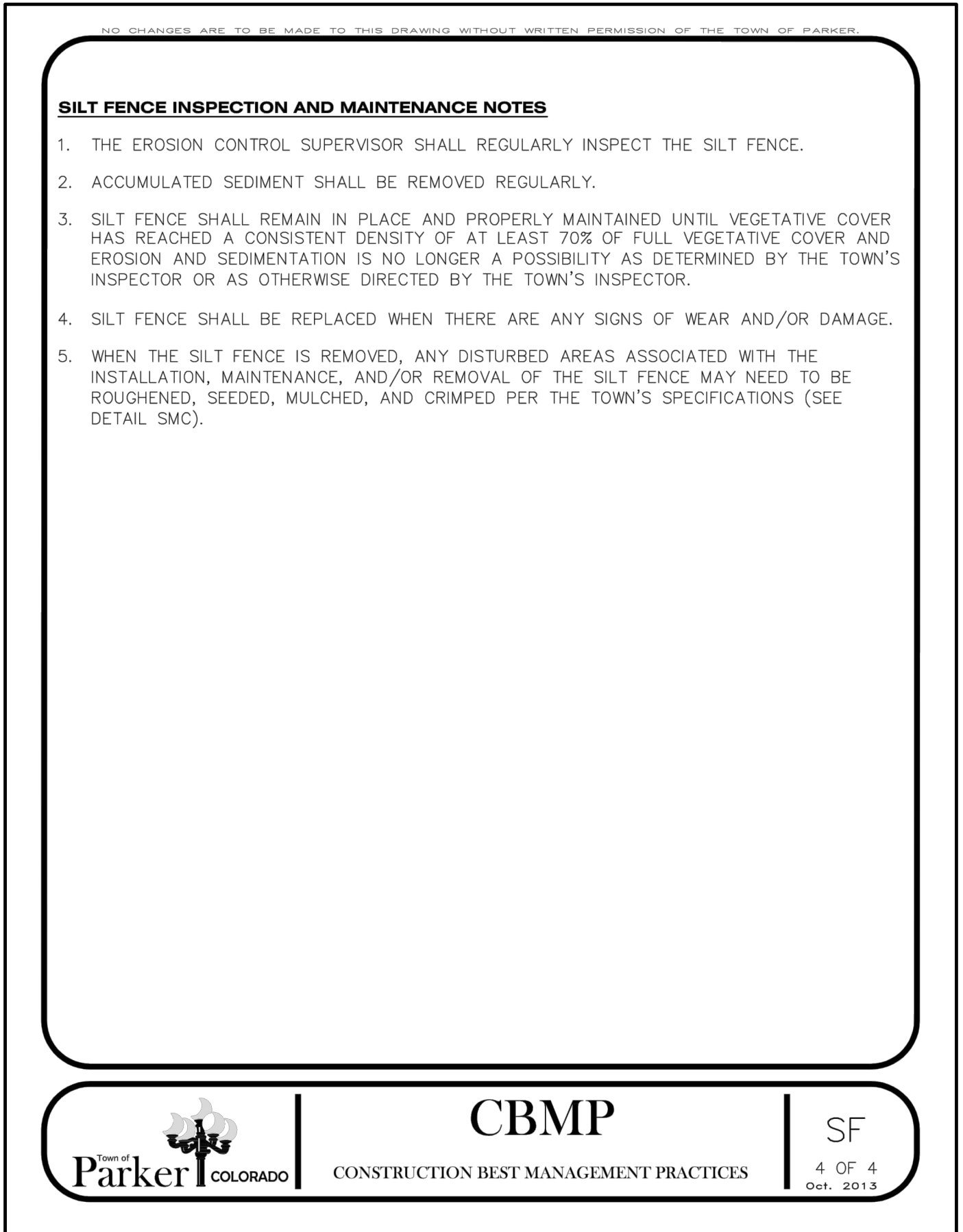
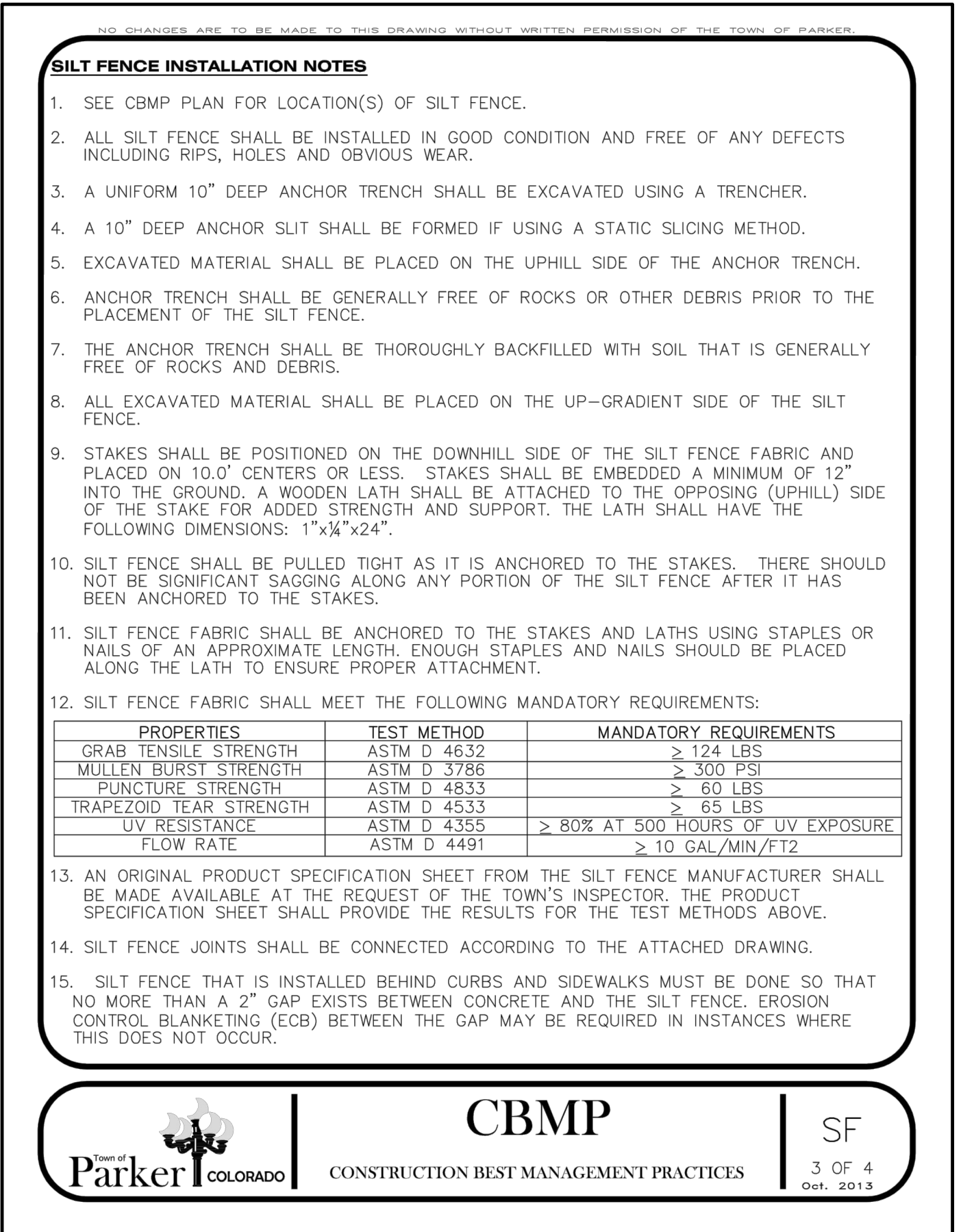
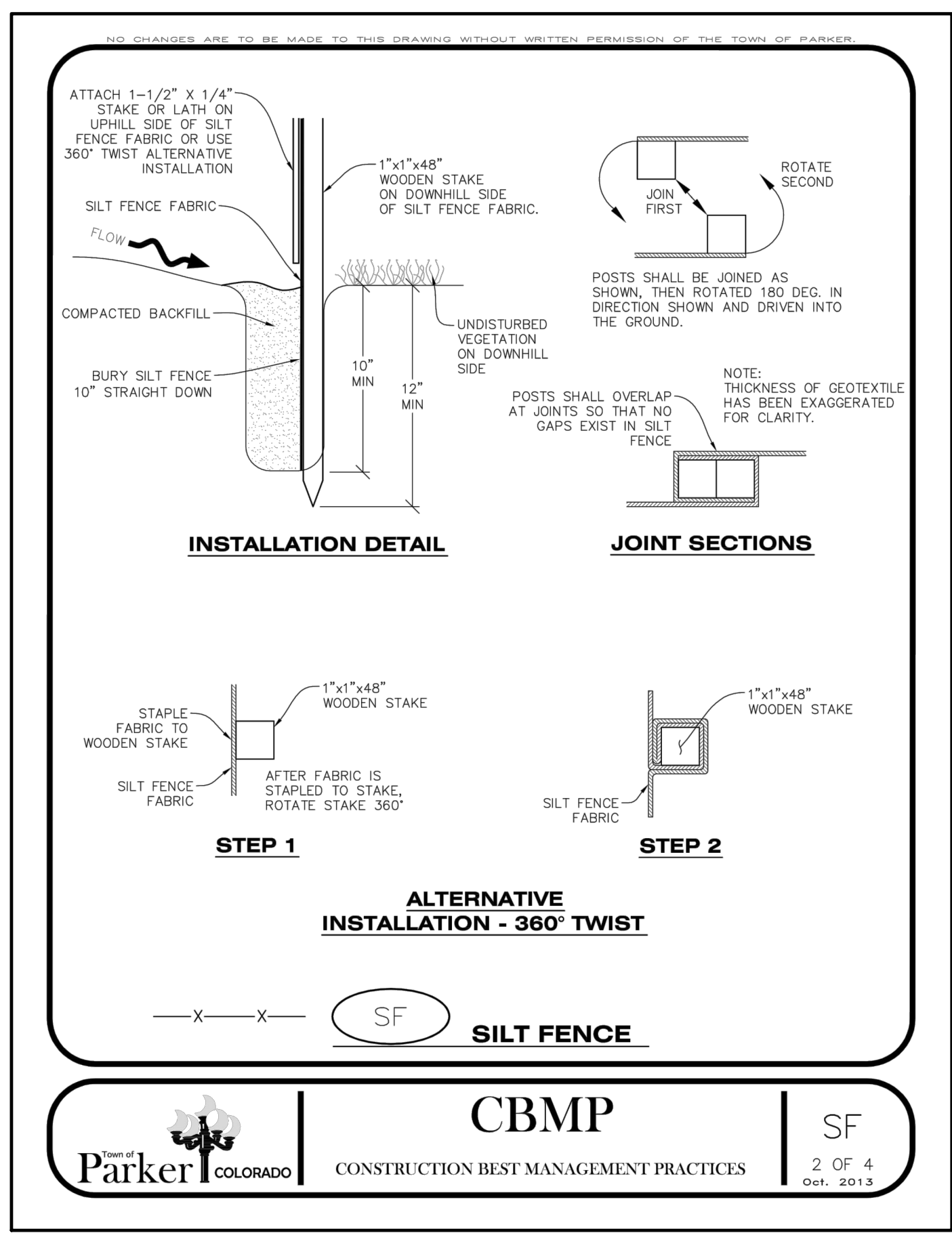
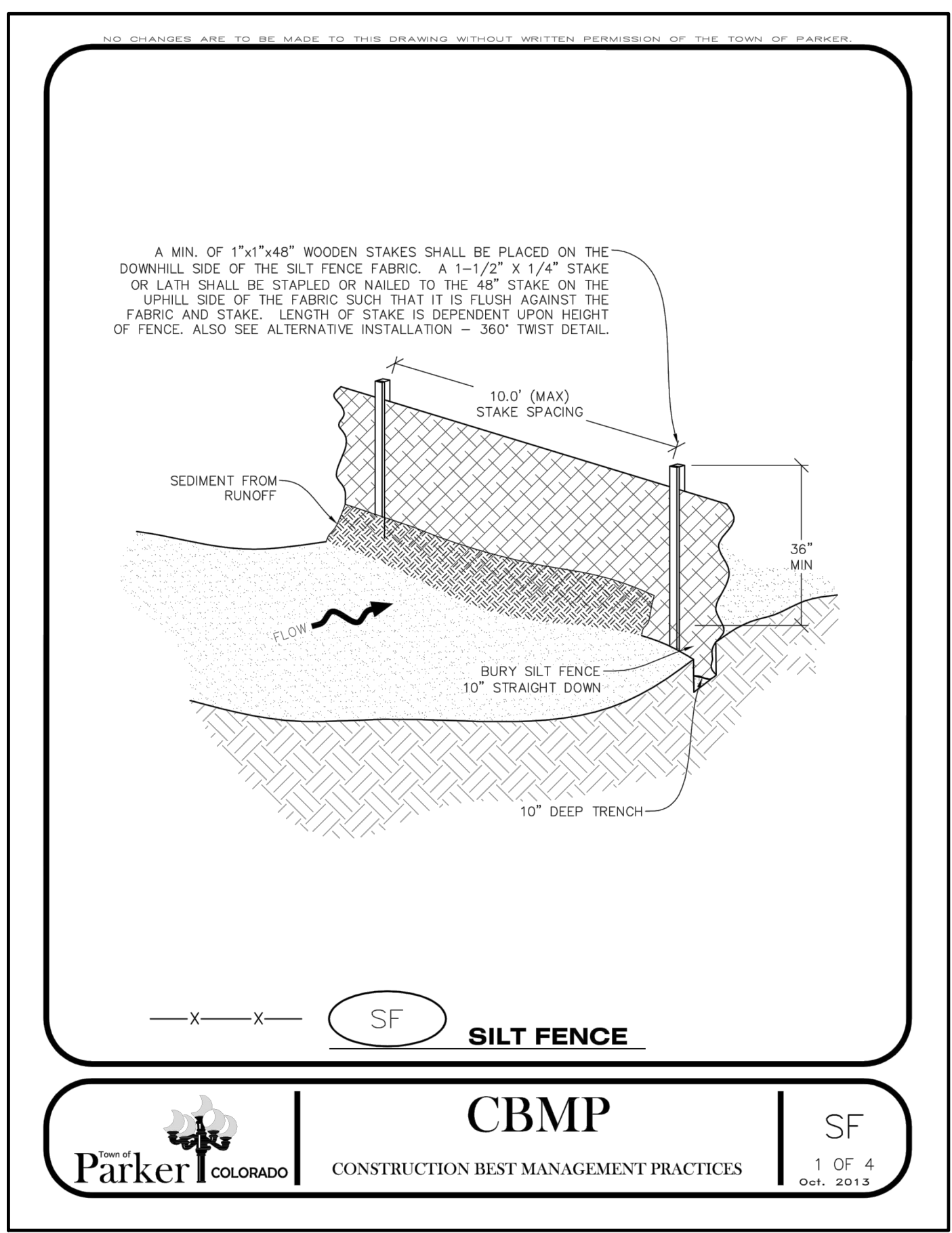
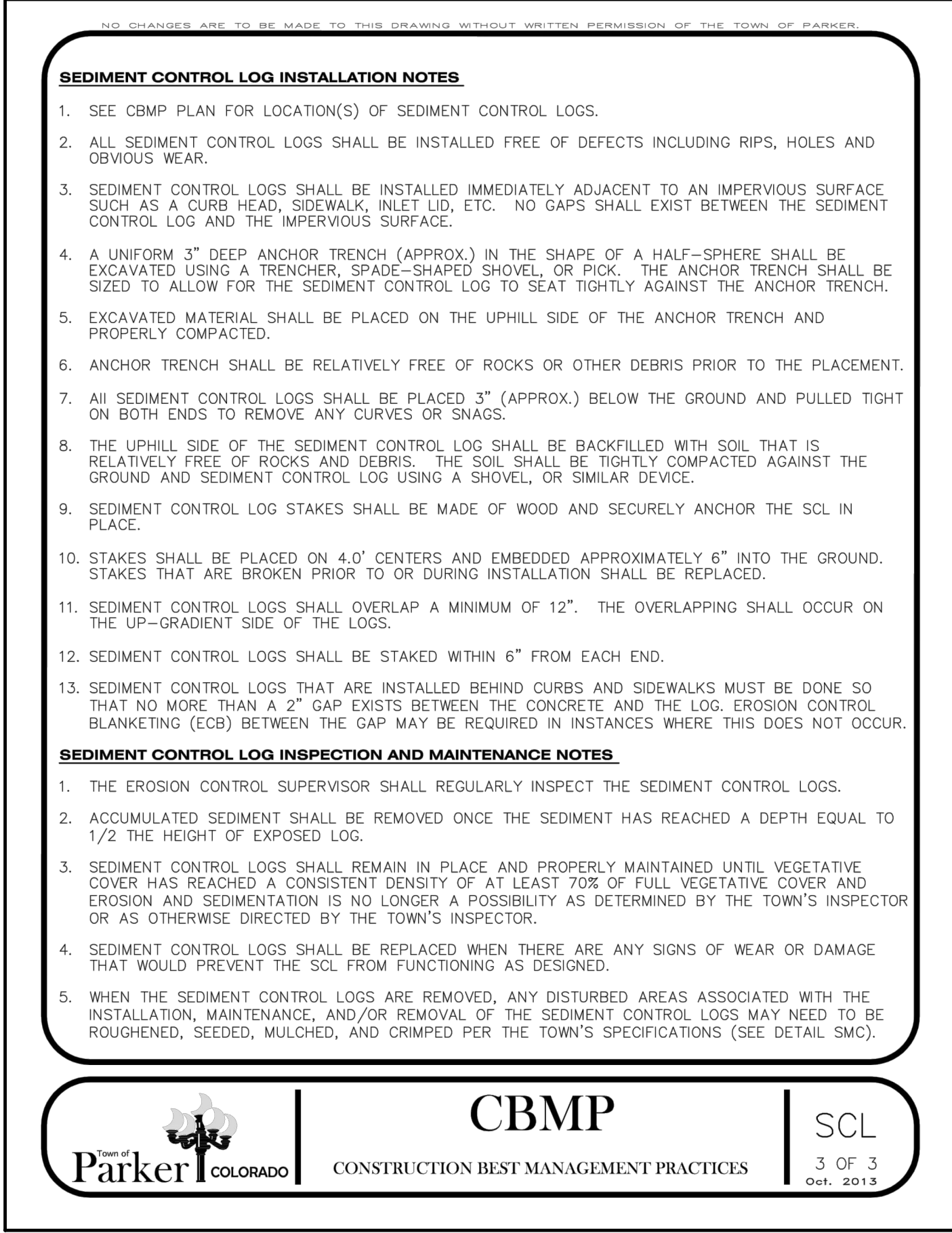
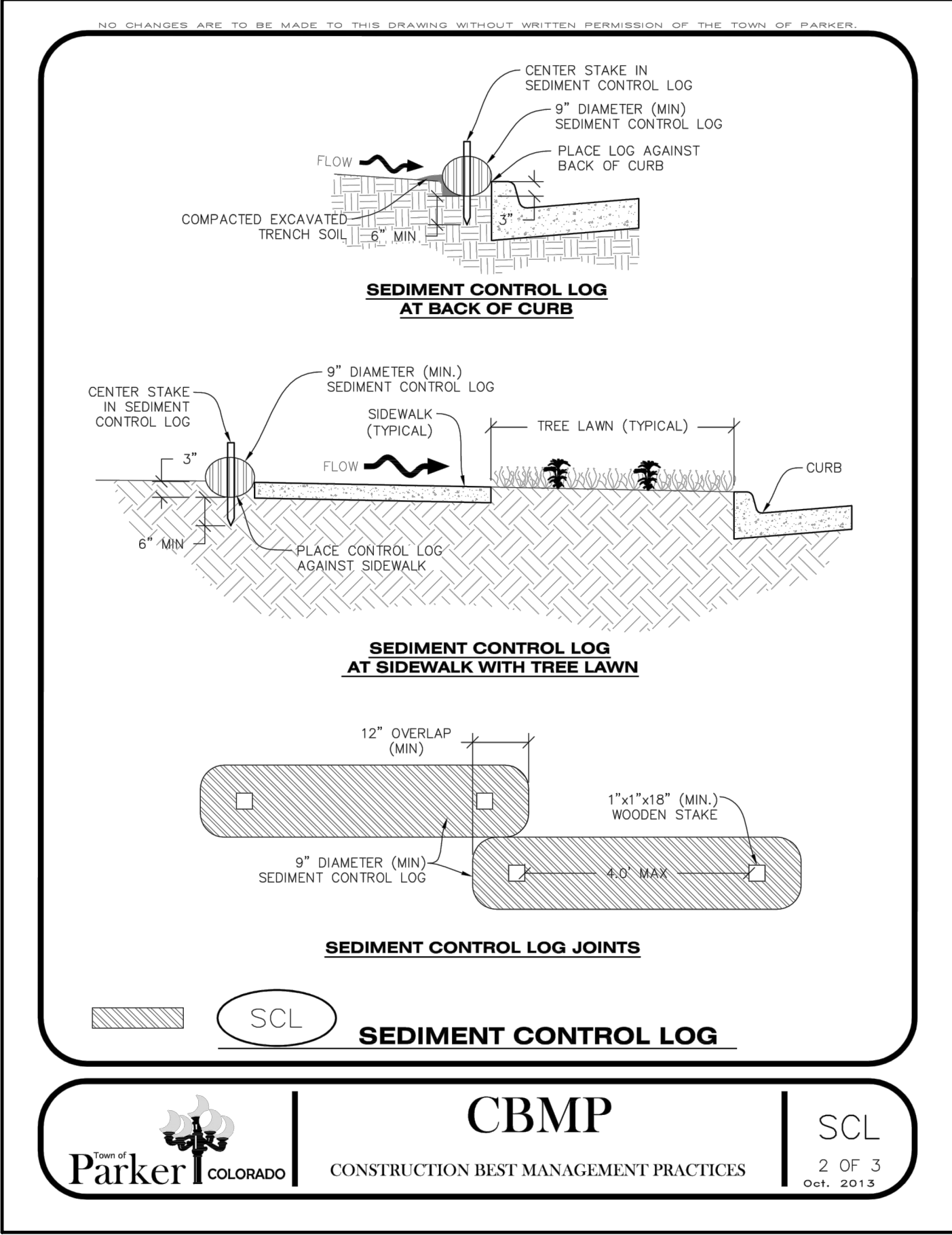




No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
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STABILIZED STAGING AREA

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SSA

1 OF 2

Oct. 2013

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STABILIZED STAGING AREA INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH TOWN APPROVAL.
- STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND LOADING OPERATIONS.
- THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" DIAMETER OF ANGULAR ROCK (GRANITE OR RECYCLED CONCRETE).
- SSA FOR SMALLER SITES MAY NOT BE PRACTICAL. IN THESE AND SIMILAR SITUATIONS, VARIANCES MAY BE PERMITTED BY THE TOWN.

STABILIZED STAGING AREA INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE STAGING AREA.
- STABILIZED STAGING AREA SHALL BE ENLARGED AS NECESSARY TO CONTAIN PARKING, STORAGE, LOADING, AND UNLOADING.

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SSA

2 OF 2

Oct. 2013

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TOWN OF PARKER, SEED MIX 1

20% CANADA WILDRYE
15% CRESTED WHEATGRASS
15% SLENDER WHEATGRASS
10% ANNUAL RYEGRASS
10% SHEEP FESCUE
10% BIG BLUESTEM
10% SIDCATS GRAMA
5% CANADA BLUEGRASS
5% BLUE GRAMA

SEEDING RATE:
DRILLED: 25 LBS/ACRE
BROADCAST: 50 LBS/ACRE

TOWN OF PARKER, SEED MIX 2

22% SLENDER WHEATGRASS
18% SODAR STREAMBANK WHEATGRASS
13% ARIZONA FESCUE
13% BLUE GRAMA
12% BUFFALDGRASS
12% BARLEY OR OATS
5% SPIKE MUHLY
5% INDIAN RICEGRASS

SEEDING RATE:
DRILLED: 25 LBS/ACRE
BROADCAST: 50 LBS/ACRE

TOWN OF PARKER, SEED MIX 3 (LOW-GROWTH MIX)

25% EPHRAIM CRESTED WHEATGRASS
23% SHEEP FESCUE
18% PERENNIAL RYEGRASS
13% CANADA BLUEGRASS
12% BARLEY OR OATS
9% BLUE FESCUE

SEEDING RATE:
DRILLED: 25 LBS/ACRE
BROADCAST: 50 LBS/ACRE

SEED MIX 4:
OTHER SEED MIXES APPROVED BY THE TOWN OF PARKER

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SMC

3 OF 3

Oct. 2013

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STOCKPILE PROTECTION

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SP

1 OF 1

JUNE 2009

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SIDEWALK TRANSITION PROTECTION (AT INTERSECTION)

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

STP

1 OF 3

Oct. 2013

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SURFACE ROUGHENING

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SR

1 OF 2

Oct. 2013

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SIDEWALK TRANSITION PROTECTION (ALONG STRAIGHT ROADWAY)

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

STP

2 OF 3

Oct. 2013

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SURFACE ROUGHENING INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF SURFACE ROUGHENING.
- DISTURBED AREAS THAT REMAIN INACTIVE FOR 15 DAYS OR MORE MUST RECEIVE SURFACE ROUGHENING OR ANOTHER APPROVED BMP FROM THE SDECM. DETERMINATION OF JOB SITE INACTIVITY IS AT THE DISCRETION OF THE TOWN'S INSPECTOR.
- FOR STEEP SLOPES (3:1 OR STEEPER), IT IS ACCEPTABLE TO "TRACK" THE SLOPES, ACCORDING TO THE CBMP DETAILS.
- SCHEDULES FOR REQUIRING STABILIZATION MAY BE MODIFIED BY THE PERMITTEE TO ALLOW FOR SPECIAL CONSIDERATIONS SUCH AS STABILIZING ACCESS AREAS AND AREAS IN CLOSE PROXIMITY TO CONTINUING CONSTRUCTION.

SURFACE ROUGHENING INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL PROACTIVELY INSPECT THE SURFACE ROUGHENING.

CBMP

CONSTRUCTION BEST MANAGEMENT PRACTICES

SR

2 OF 2

Oct. 2013

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
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SIDEWALK TRANSITION PROTECTION INSTALLATION NOTES

- SEE PLAN VIEW FOR LOCATION(S) OF SIDEWALK TRANSITION PROTECTION.
- ROCK SOCK SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL RS).
- SILT FENCE SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL SF).
- CONSTRUCTION FENCE SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL CF).
- SEDIMENT CONTROL LOGS MAY BE USED IN LIEU OF SILT FENCE WITH PRIOR APPROVAL FROM THE TOWN.

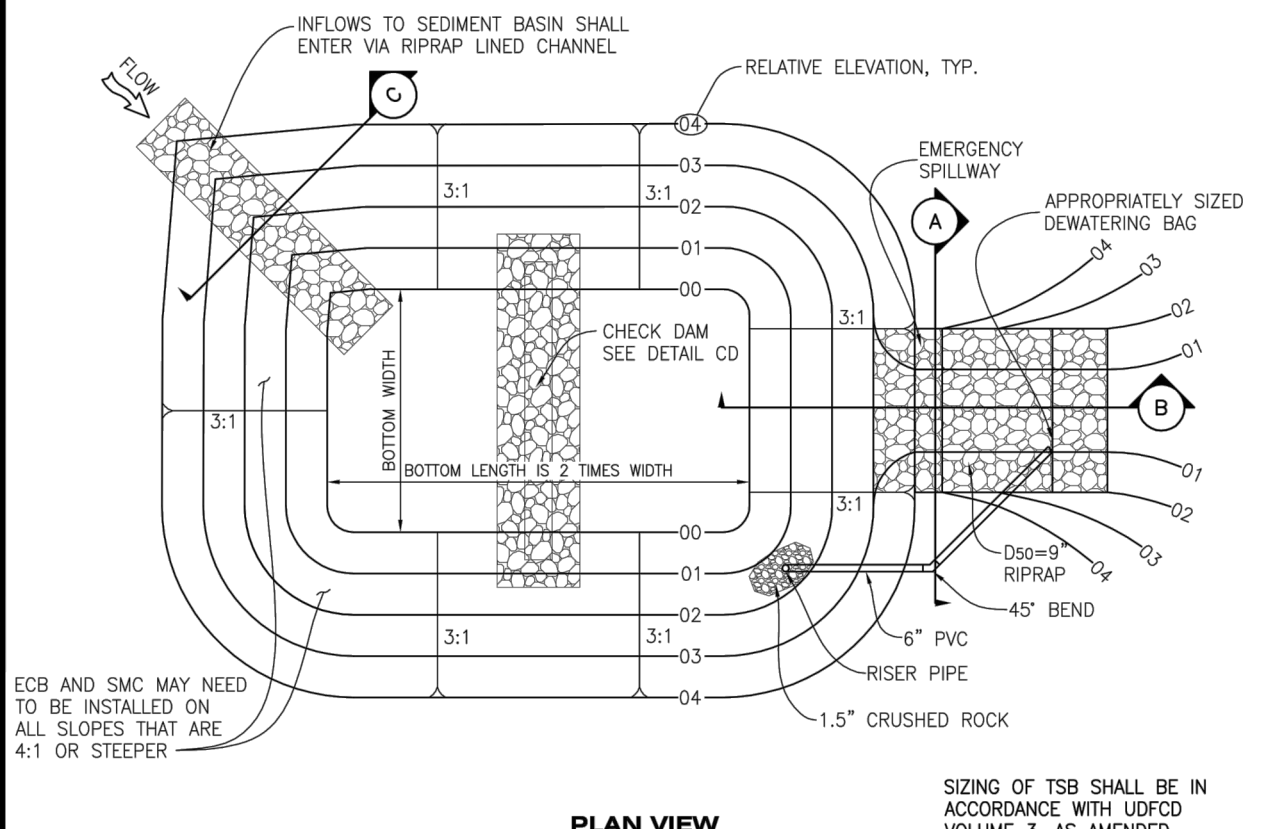
SIDEWALK TRANSITION PROTECTION INSPECTION & MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SIDEWALK TRANSITION INSPECTION.

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

STP
3 OF 3
Oct. 2013

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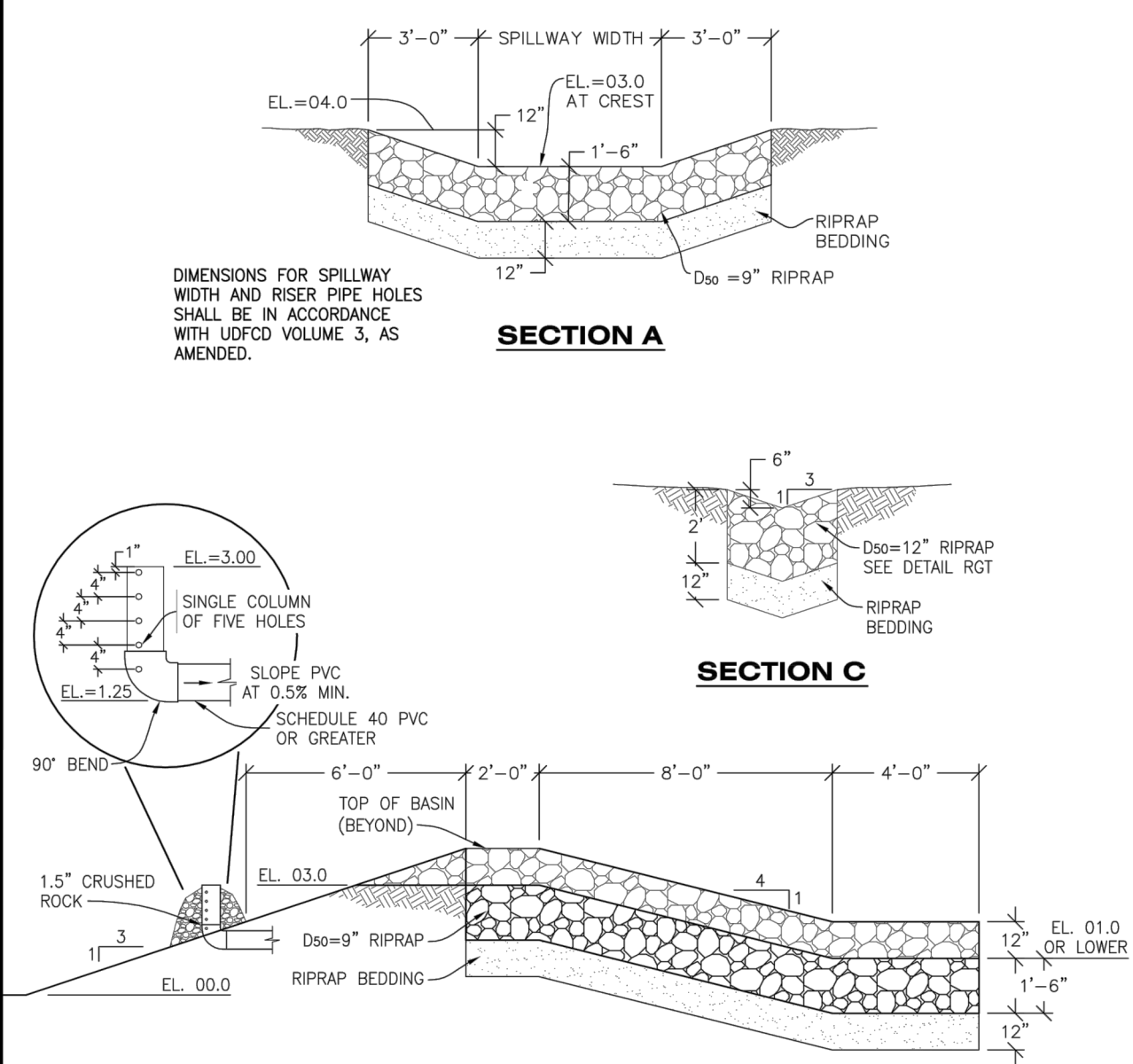
PLAN VIEW

TEMPORARY SEDIMENT BASIN

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

TSB
1 OF 3
Oct. 2013

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SECTION A

SECTION B

SECTION C

TEMPORARY SEDIMENT BASIN

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

TSB
2 OF 3
Oct. 2013

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TEMPORARY SEDIMENT BASIN INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF SEDIMENT BASIN(S).
- THE TEMPORARY SEDIMENT BASIN(S) SHALL BE INSTALLED AND FUNCTIONING PRIOR TO ANY OTHER GRADING ACTIVITIES.
- THE EXACT DIMENSIONS AND DETAILS OF THE TEMPORARY SEDIMENT BASIN SHALL BE DETERMINED BY THE DESIGN ENGINEER, IN ACCORDANCE WITH UDFCD VOLUME 3, AS AMENDED.
- EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3" AND SHALL HAVE A MINIMUM OF 15% BY WEIGHT PASSING THE NO. 200 SIEVE.
- EMBANKMENT MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% DENSITY, AND WITHIN +/- 2% OF OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D698.
- AN APPROPRIATELY SIZED DEWATERING BAG SHALL BE SECURED TO THE END OF THE DISCHARGE PIPE. THE DEWATERING BAG SHALL BE REPLACED ONCE SEDIMENT ACCUMULATION REACHES 50%.

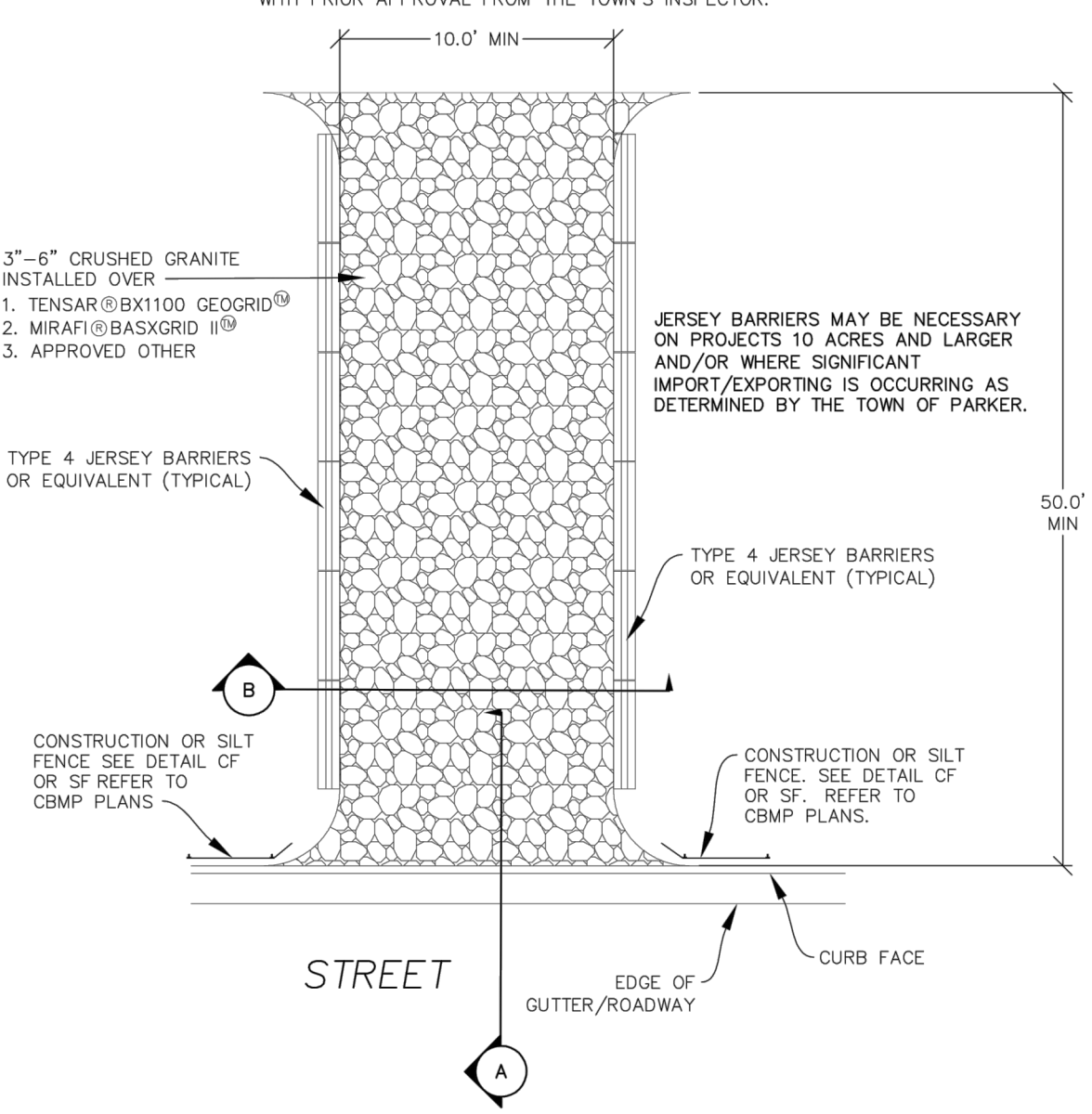
TEMPORARY SEDIMENT BASIN INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE TEMPORARY SEDIMENT BASIN.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT REACHES A DEPTH OF 2.0', OR WITHIN 2.0' OF THE SPILLWAY CREST, OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- SEDIMENT BASINS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL UPSTREAM VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR.

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

TSB
3 OF 3
Oct. 2013

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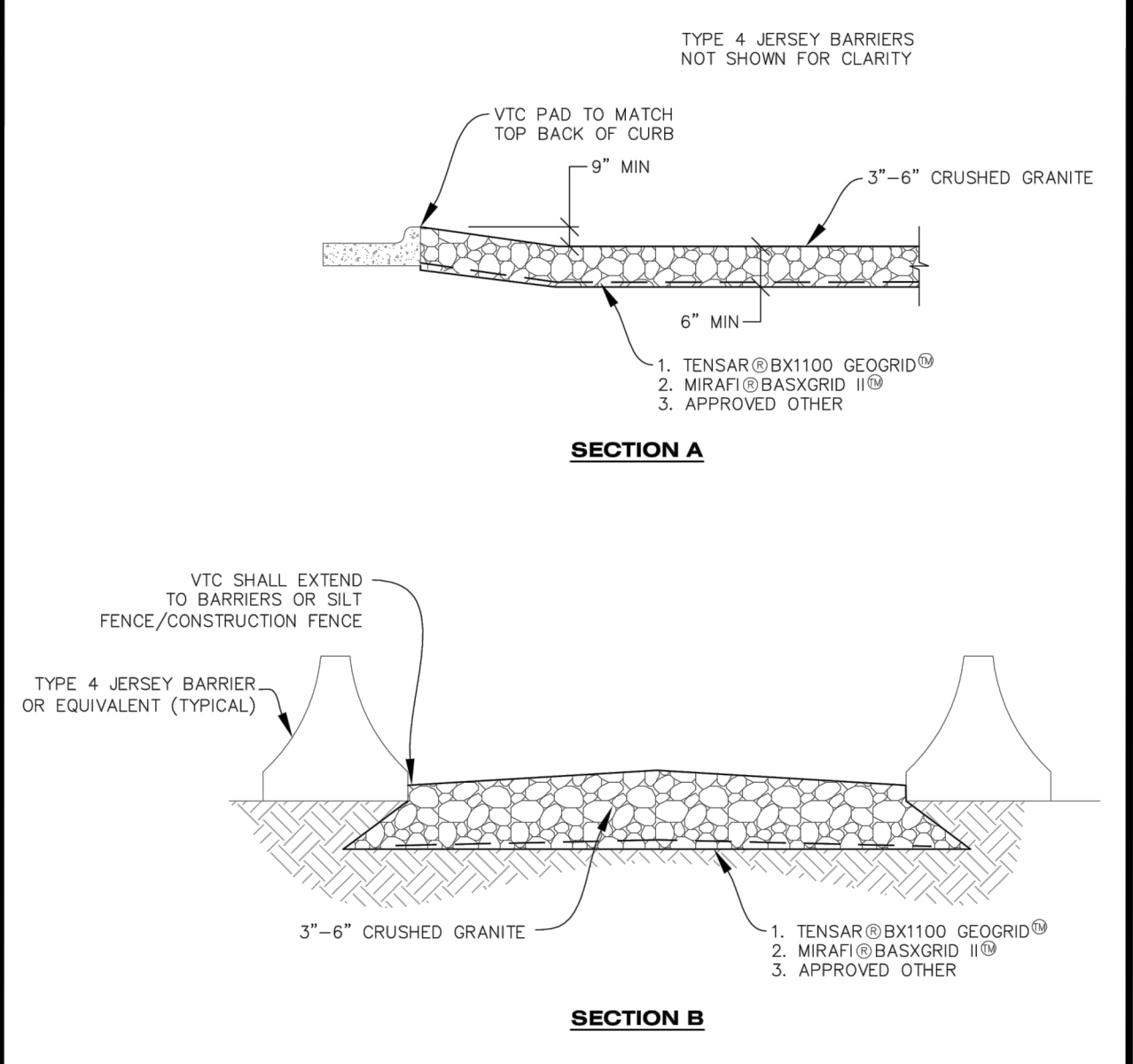


VEHICLE TRACKING CONTROL

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

VTC
1 OF 3
Oct. 2013

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VEHICLE TRACKING CONTROL

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

VTC
2 OF 3
Oct. 2013

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VEHICLE TRACKING CONTROL PAD INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF VEHICLE TRACKING CONTROL PAD(S).
- ALL CONSTRUCTION TRAFFIC MUST ENTER AND EXIT THE SITE THROUGH THE APPROVED ACCESS POINT(S). A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT ALL APPROVED ACCESS POINTS TO THE SITE. EXCEPTIONS MAY BE CONSIDERED FOR CONSTRUCTION ACTIVITY OCCURRING IMMEDIATELY ADJACENT TO PAVED AREAS AND WHERE ALTERNATIVE BMP'S ARE IMPLEMENTED. SUCH ACTIVITY MAY INCLUDE, BUT NOT BE LIMITED TO RESIDENTIAL CONSTRUCTION, UTILITY CONSTRUCTION, ETC.
- THE VEHICLE TRACKING CONTROL PAD(S) INDICATED ON CBMP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- VEHICLE TRACKING CONTROL PADS SHALL BE A MINIMUM OF 50- FEET LONG AND 10- FEET WIDE, UNLESS A VARIANCE HAS BEEN GRANTED BY THE TOWN'S INSPECTOR.
- A BIAXIAL GEO- GRID SHALL BE PLACED UNDER THE VEHICLE TRACKING CONTROL PAD PRIOR TO THE PLACEMENT OF ROCK. THE AREA SHALL BE FREE FROM ANY VOIDS, ROCKS AND DEBRIS. THE BIAXIAL GEO- GRID SHALL BE TENSAR BX1100, MIRAFI BASXGRID II, OR AN APPROVED EQUAL. GEO- GRID SHALL BE PLACED, AND APPROPRIATELY OVERLAPPED IF NECESSARY, TO COVER THE ENTIRE LENGTH AND WIDTH OF THE VEHICLE TRACKING CONTROL PAD.
- CRUSHED ROCK SHALL BE A MINIMUM OF 3-6" GRANITE WITH A FRACTURED FACE (ALL SIDES).

VEHICLE TRACKING CONTROL PAD INSTALLATION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE VEHICLE TRACKING CONTROL PAD.
- WHEN THE VEHICLE TRACKING CONTROL PAD IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE VEHICLE TRACKING CONTROL PAD SHALL BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- THE VEHICLE TRACKING CONTROL PAD SHALL BE MAINTAINED SUCH THAT THE ROCK REMAINS RELATIVELY LOOSE AND ACCUMULATED MUD AND OTHER DEBRIS IS REGULARLY REMOVED.

 **CBMP**
CONSTRUCTION BEST MANAGEMENT PRACTICES

VTC
3 OF 3
Oct. 2013

No.	Date	Description
1	5-24-22	CITY REVIEW
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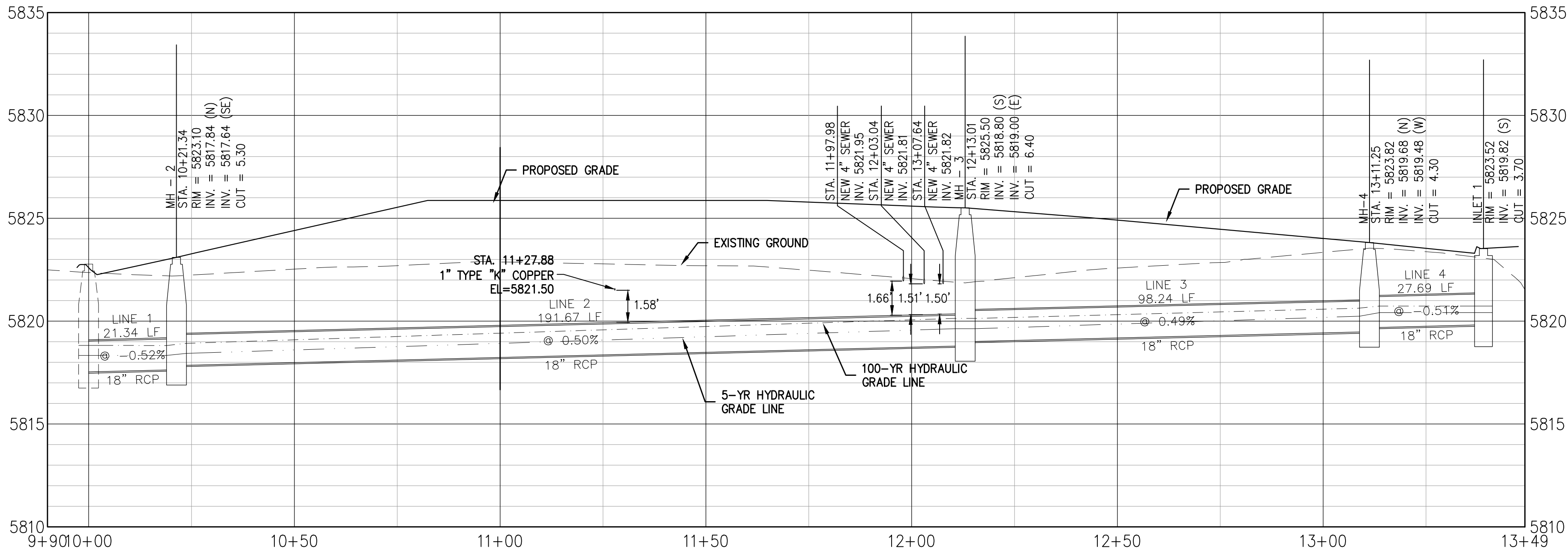
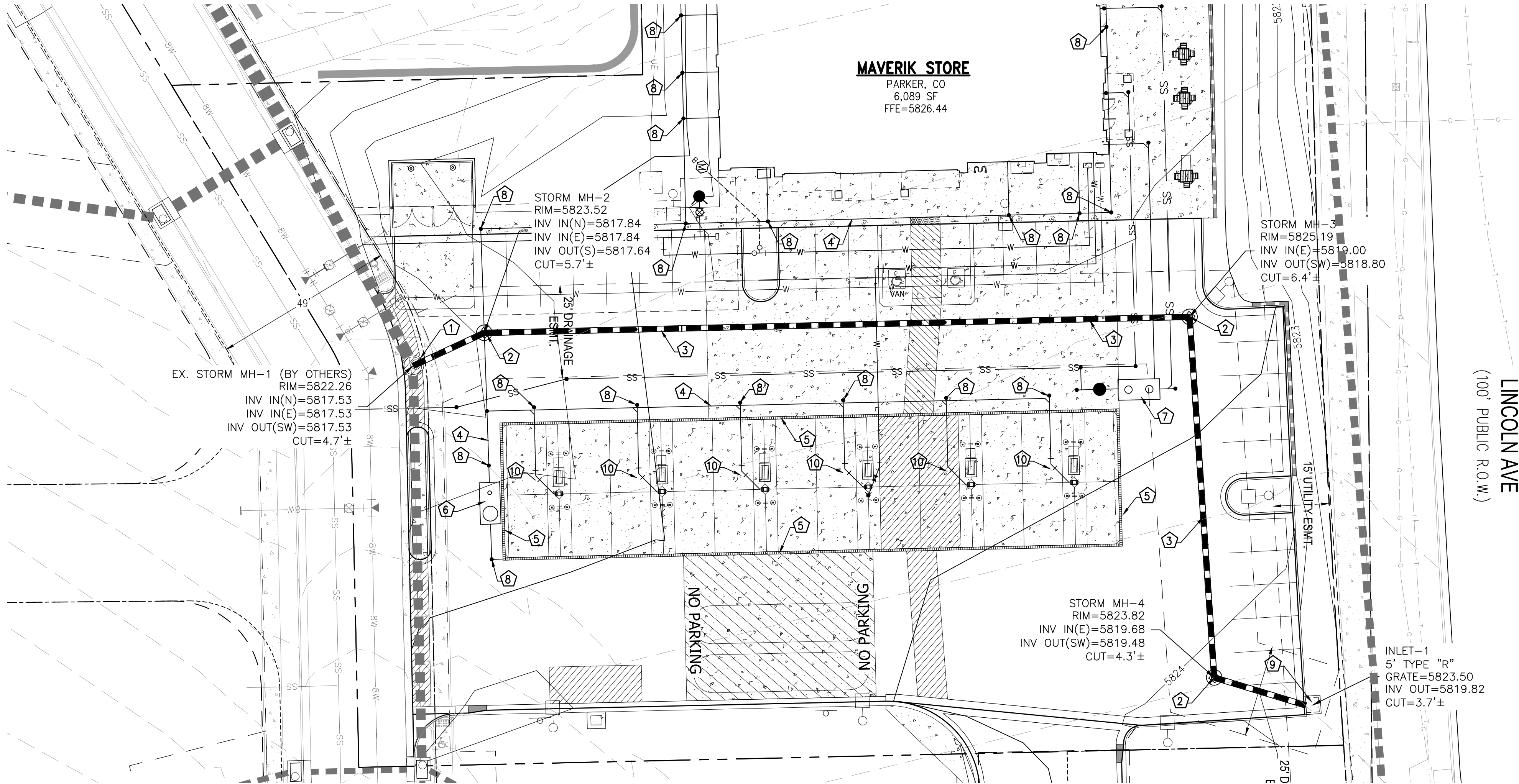
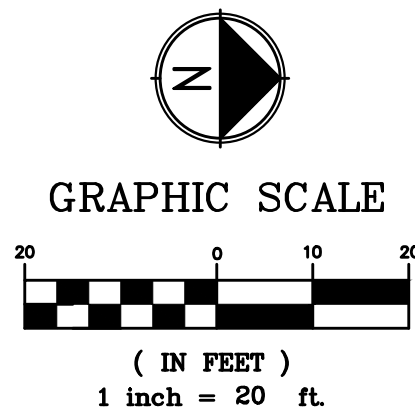


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STORM DRAIN NOTES:

- CONNECT TO EXISTING STORM DRAIN MANHOLE BY OTHERS.
- INSTALL 48" STORM DRAIN MANHOLE
- NEW 18" RCP STORM DRAIN PIPE.
- NEW 6" PVC SDR-35 STORM DRAIN PIPE.
- NEW 8" NDS FILCOTEN PRO V 200 TRENCH DRAIN.
- NEW SPILL CONTROL STRUCTURE
- NEW 1,500 GALLON GREASE INTERCEPTOR.
- NEW STORM DRAIN CLEAN OUT
- NEW 5' TYPE "R" CURB INLET PER CDOT STANDARD PLAN NO. M-604-12.



THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGNED, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING CALCULATIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.

THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

CONTRACTOR NOTE:

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.



STORM DRAIN
PLAN AND
PROFILE

No.	Date	Description
1	5-24-22	CITY REVIEW
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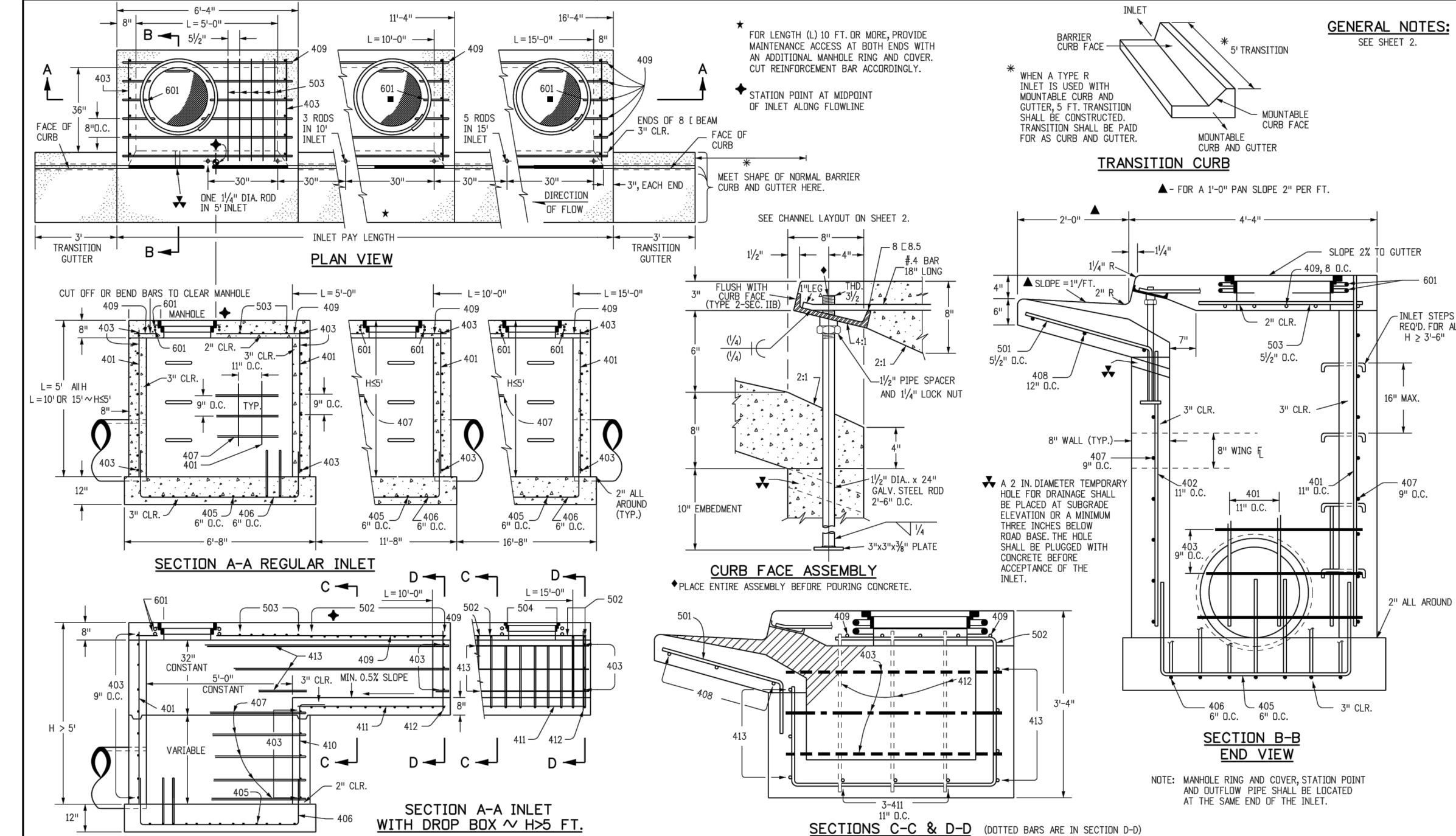
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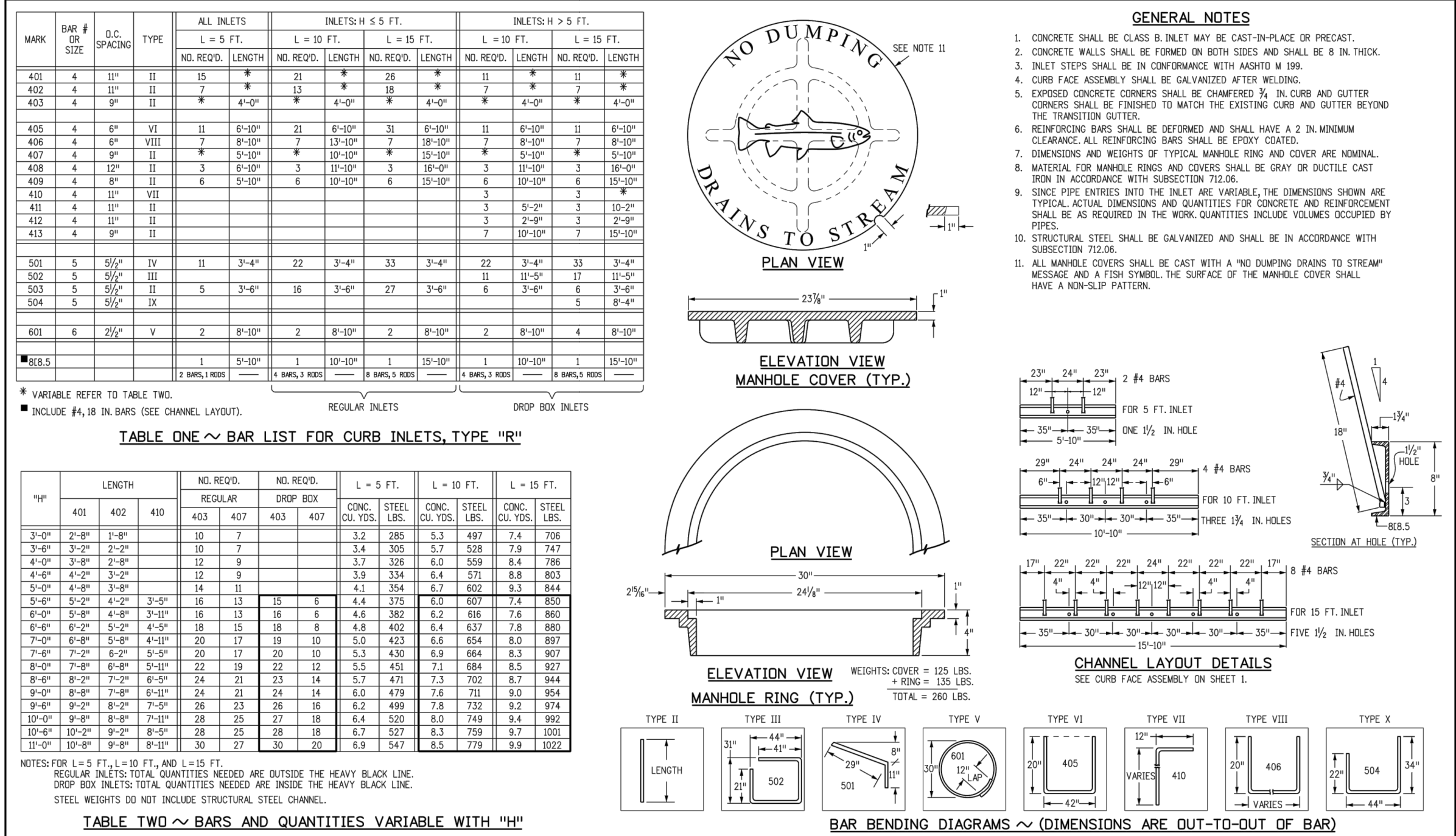


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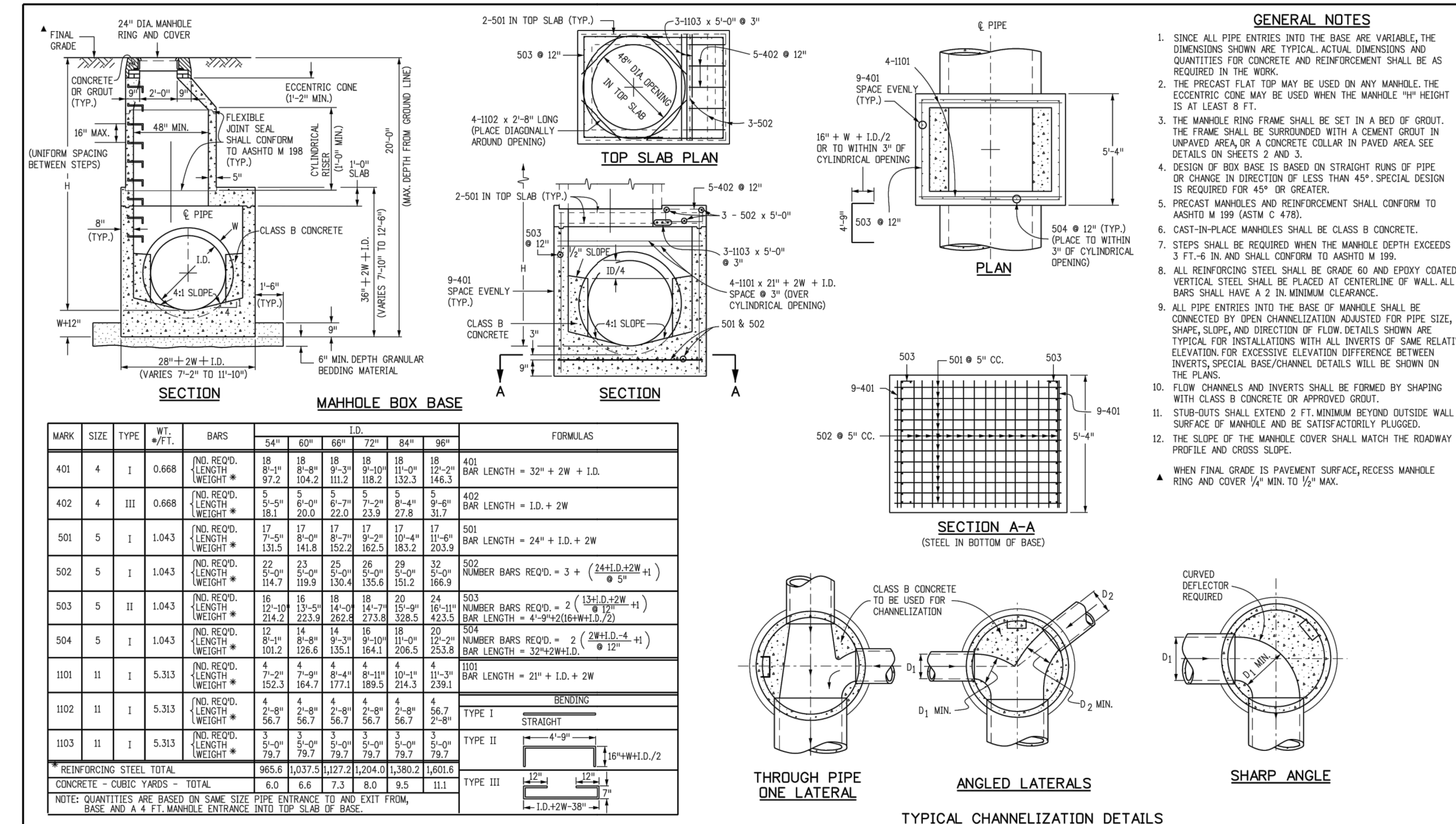
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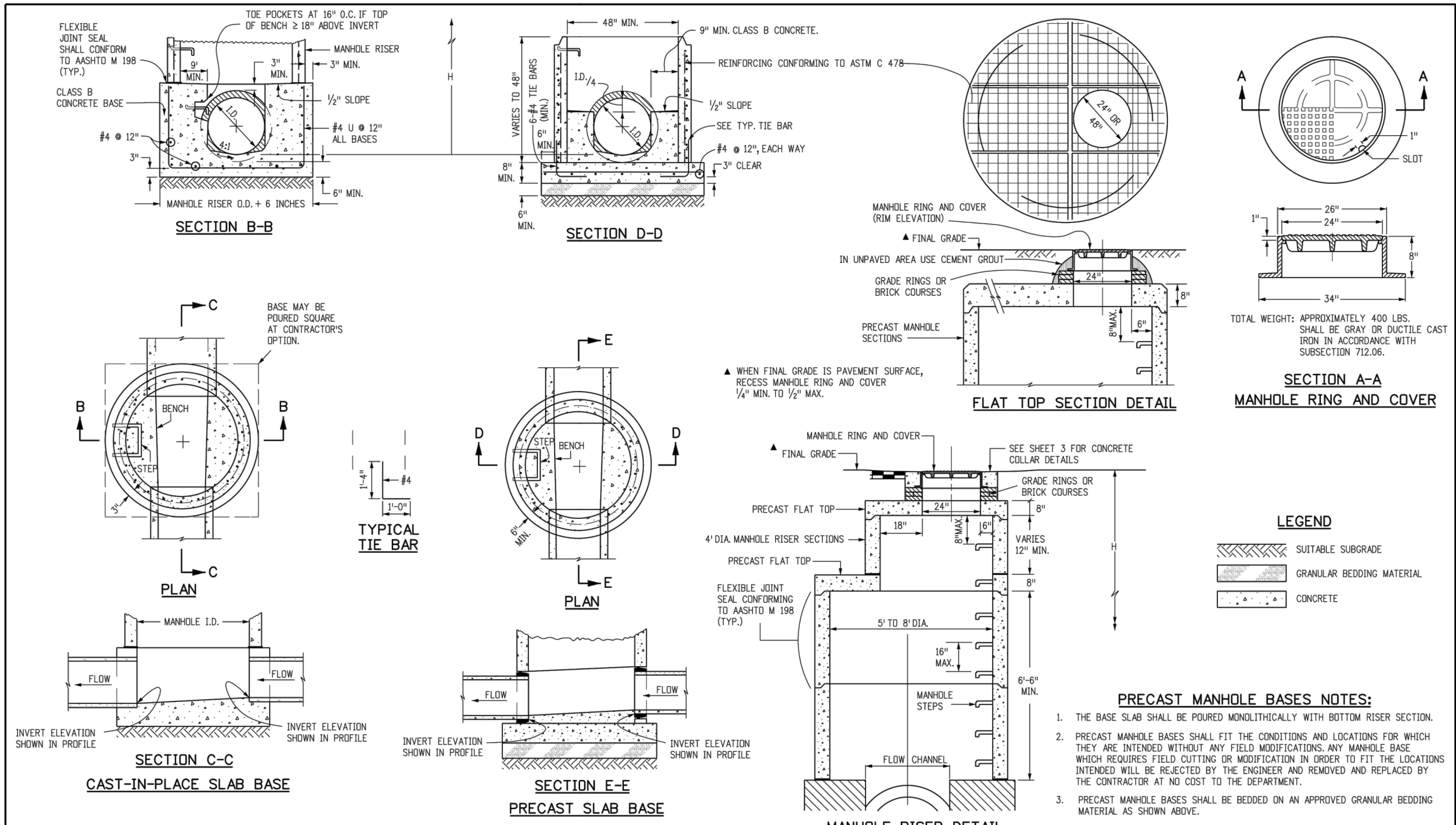
Computer File Information	Sheet Revisions	Colorado Department of Transportation	CURB INLET TYPE R	STANDARD PLAN NO.
Creation Date: 07/04/12 Last Modification Date: 07/04/12 Full Path: www.colorado DOT info/business/designsupport Drawing File Name: 60401200203.dgn CAD Ver: MicroStation V8 - Scale: Not to Scale - Units: English	Date: _____ Comments: _____	4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-9820 Project Development Branch DD/LTA	Issued By: Project Development Branch July 4, 2012	M-604-12 Sheet No. 1 of 2



Computer File Information	Sheet Revisions	Colorado Department of Transportation	CURB INLET TYPE R	STANDARD PLAN NO.
Creation Date: 07/04/12 Last Modification Date: 07/04/12 Full Path: www.colorado DOT info/business/designsupport Drawing File Name: 60401200203.dgn CAD Ver: MicroStation V8 - Scale: Not to Scale - Units: English	Date: _____ Comments: _____	4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-9820 Project Development Branch DD/LTA	Issued By: Project Development Branch July 4, 2012	M-604-12 Sheet No. 2 of 2



Computer File Information	Sheet Revisions	Colorado Department of Transportation	MANHOLES	STANDARD PLAN NO.
Creation Date: 07/04/12 Last Modification Date: 07/04/12 Full Path: www.colorado DOT info/business/designsupport Drawing File Name: M08040200203.dgn CAD Ver: MicroStation V8 - Scale: Not to Scale - Units: English	Date: _____ Comments: _____	4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-9820 Project Development Branch DD/LTA	Issued By: Project Development Branch July 4, 2012	M-604-20 Sheet No. 1 of 3



Computer File Information	Sheet Revisions	Colorado Department of Transportation	MANHOLES	STANDARD PLAN NO.
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JUNE 30, 2023

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
6	1-09-23	CITY REVIEW
7	3-10-23	CITY REVIEW
8	5-17-23	CITY REVIEW
9	6-30-23	CITY REVIEW

Conflicting information or errors found in the construction documents should be brought to the attention of the architect immediately. In the event of a conflict in the drawings, bidder should not assume the least expensive option will meet the project requirements.



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1. LOAD RATING - HEAVY DUTY.
2. COATING - UNDIPPED.
3. ESTIMATED WEIGHT - 112 LBS.
4. MATERIAL SPECIFICATION - GRAY IRON ASTM A48 CL35B.
5. FOR USE ON ALL PRIVATE AND PUBLIC STORM SEWER.

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER



MANHOLE COVER STANDARD DETAIL

DATE _____

DETAILS

1 OF 1



DIMENSIONS FOR REINFORCED CONCRETE PIPE



H = HEIGHT OF FILL OVER TOP OF PIPE, INCLUDING PAVEMENT THICKNESS.

L_1 = LENGTH OF PIPE TO BE MEASURED WHEN PLACED IN ACCORDANCE WITH

L_2 = LENGTH OF PIPE TO BE MEASURED WHEN PLACED IN ACCORDANCE WITH



NOTE: USE THE H THAT IS GREATER FOR MAXIMUM ALLOWABLE FILL HEIGHT.

Computer File Information		Sheet Revisions		Colorado Department of Transportation		REINFORCED CONCRETE PIPE		STANDARD PLAN NO.	
Creation Date: 07/31/19		Date:		2829 West Hawk Place		 2829 West Hawk Place CDOT, No. 3rd Floor Denver, CO 80204 Phone: 303-757-8021 Fax: 303-757-8668		M-603-2	
Designer Initialed: JDB		(X)(X)						Standard Sheet No. 1 of 1	
Last Modification Date: 07/31/19		(X)(X)							
Detailer Initialed: LYA		(X)(X)							
CAD Ver: MicroStation V8 Scale: Not to Scale Units: English		(X)(X)		Project Development Branch		JDB		Issued by the Project Development Branch: July 31, 2019	
								Project Sheet Number:	

REINFORCED CONCRETE PIPE

Issued by the Project Development Branch: July 31, 2019

TYPE OF PIPE	HEIGHT OF FALL OVER TOP OF PIPE, H (FEET)					
	CLASS OF PIPE					
	(0.01 IN CRACK D=LOAD)					
	CLASS CIR II CLASS VE II 1000 D	CLASS CIR III CLASS VE III 3350 D	CLASS CIR IV CLASS VE IV 2000 D	CLASS VE V 3000 D	CLASS VE VI 4000 D	
CIRCULAR (COR)	1 TO 18	1 TO 25	± 25 TO 37	± 37 TO 45		
VERTICAL ELLIPTICAL (VE)	1 TO 18	1 TO 25	± 25 TO 37	± 37 TO 45	± 45 TO 62	
HORIZONTAL ELLIPTICAL (HE)	1 TO 18	1 TO 25	± 25 TO 37			

ALLOWABLE RANGE OF HEIGHTS FOR FILLOVER REINFORCED CONCRETE PIPE

(ALL SIZES)