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Know what's below. Call before you dig.

TOWN OF PARKER DEPARTMENT OF ENGINEERING/PUBLIC WORKS STANDARD CONSTRUCTION NOTES.

- 1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
3. A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION.
4. THE TOWN INSPECTOR SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION.
5. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS.
6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER DIRECTOR OF ENGINEERING/PUBLIC WORKS, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES.
7. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT-OF-WAY USE PERMIT APPLICATION.
8. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION."
9. COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE DEVELOPMENT REVIEW ENGINEER IN PRELIMINARY FORM PRIOR TO PAVING AND IN FINAL FORM PRIOR TO PROBATIONARY ACCEPTANCE.
10. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC.
12. PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK.
13. REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
14. ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
15. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY."
16. IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.
17. ALL REFERENCES TO BOOKS, PAGES, MAPS, AND RECEPTION NUMBER ARE PUBLIC DOCUMENTS ON FILE WITH THE COUNTY CLERK AND RECORDER'S OFFICE.

ROADWAY NOTES

- 1. PAVING SHALL NOT COMMENCE UNTIL A SOILS REPORT AND PAVEMENT DESIGN IS APPROVED BY THE TOWN OF PARKER AND SUBGRADE COMPACTION TESTS ARE SUBMITTED TO AND APPROVED BY THE TOWN INSPECTOR.
2. STANDARD TOWN OF PARKER CURB RAMPS ARE TO BE CONSTRUCTED AT ALL CURB RETURNS AND AT ALL "T" INTERSECTIONS IN ACCORDANCE WITH THE LATEST TOWN OF PARKER STANDARDS.
3. ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS UNLESS OTHERWISE NOTED.
4. ALL ELEVATIONS ARE ON USGS DATUM WITH DATE. RANGE POINT OR MONUMENT SHALL BE SHOWN ON THE CONSTRUCTION PLANS.
5. EXCEPT WHERE OTHERWISE PROVIDED FOR IN THESE PLANS AND SPECIFICATIONS, THE COLORADO DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE COLORADO DEPARTMENT OF HIGHWAYS M AND S STANDARDS, AND THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, LATEST EDITION, SHALL APPLY.

STORM DRAINAGE INFRASTRUCTURE NOTES

- 1. ALL STORM DRAINAGE IMPROVEMENTS ARE SUBJECT TO COMPLIANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, M & S STANDARDS, AND ALL STANDARD SPECIAL PROVISIONS CURRENTLY USED BY CDOT, WITH THE MODIFICATIONS SET FORTH IN THE TOWN OF PARKER'S STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL (SDECM), AS AMENDED.
2. THE CONTRACTOR SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8 CRS), THE "PROTECTION OF FISHING STREAMS" TITLE 33, ARTICLE 5, CRS, THE "CLEAN WATER ACT" (33 USC 1344), CHERRY CREEK RESERVOIR CONTROL REGULATION NO. 72" (5 CCR 1002-72), THE REGULATION PROMULGATED, CERTIFICATION OR PERMITS ISSUES, AND THE REQUIREMENTS PRESENTED IN THE SDECM REVISION TO SECTION 107 AND THE CONSTRUCTION BMP PLAN.
3. INSPECTIONS: CONSTRUCTION SHALL NOT BEGIN UNTIL A GRADING PERMIT HAS BEEN ISSUED FOR THE PROJECT.
4. STRUCTURAL BACKFILL (CDOT CLASS 1) SHALL BE COMPACTED TO CONFORM TO CDOT STANDARD SPECIFICATION 203.03.
5. ALL EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
6. TESTING, PROBATIONARY ACCEPTANCE OF STORM DRAINAGE IMPROVEMENTS WILL BE CONTINGENT UPON SATISFACTORY TESTING RESULTS.
7. ALLOWABLE STORM SEWER CONDUIT MATERIAL WITHIN THE TOWN OF PARKER SHALL BE LIMITED TO REINFORCED CONCRETE PIPE (RCP) CONFORMING TO CDOT STANDARD SPECIFICATION 706.02.
8. ALL RCP JOINTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C443.
9. JOINT RESTRAINTS AND TOE-WALLS, CONFORMING TO CDOT M&S STANDARD PLAN NO. M-601-11 SHALL BE USED ON ALL RCP FLARED END SECTION OUTFALLS.
10. EPOXY COATED REBAR SHALL BE USED AS REINFORCING STEEL ON ALL STORM INLETS AND STRUCTURES.
11. CDOT CLASS D CONCRETE SHALL BE USED FOR ALL CONCRETE DRAINAGE STRUCTURES.
12. PRE-CAST INLETS AND MANHOLE BASES SHALL NOT BE USED WITHIN THE TOWN OF PARKER RIGHT-OF-WAY.
13. TWO- (2) MANHOLE ACCESS POINTS ARE REQUIRED ON ALL TYPE "R" CURB INLETS GREATER THAN OR EQUAL TO TEN (10) FEET IN LENGTH AS PRESENTED IN CDOT M&S STANDARD PLAN NO. M-604-12.
14. ALL GROUTING (BOULDERS, RIPRAP) SHALL BE IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.
15. ALL BOULDERS AND RIPRAP SHALL BE SELECTED AND PLACED IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.
16. CONTRACTOR SHALL REFER TO THE TOWN OF PARKER'S CONSTRUCTION BEST MANAGEMENT PRACTICES DETAILS AND NOTES FOR ALL REQUIREMENTS RELATING TO RE-VEGETATION, SEDIMENT AND EROSION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES.
17. PIPE BELLS SHALL NOT BE CAST INTO MANHOLE BASES OR INLETS.

SIGNAGE AND STRIPING NOTES

- 1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT VERSION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), COLORADO SUPPLEMENTAL MUTCD, AND THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL.
2. A FIELD INSPECTION OF LOCATION AND INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE PERFORMED BY THE TOWN OF PARKER.
3. THE CONTRACTOR INSTALLING SIGNS SHALL BE RESPONSIBLE FOR THE LOCATING AND PROTECTING OF ALL UNDERGROUND UTILITIES.
4. TYPE III (LIGHTED) BARRICADES SHALL BE SET AT THE ENDS OF ROADWAYS SEPARATING FINISHED (AND/OR ACCEPTED) AND UNFINISHED CONSTRUCTION AREAS AND SHALL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER.
5. SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATIONS TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.
6. WHERE STOP SIGN CONTROL IS APPROPRIATE, 36 INCH STOP SIGNS SHALL BE USED FOR APPROACHES TO ANY ROADWAY THAT IS CLASSIFIED AS A COLLECTOR OR GREATER.
7. A 7 FOOT MINIMUM POST LENGTH SHALL BE MAINTAINED FROM THE BOTTOM OF THE SIGN PANEL TO THE GROUND.
8. DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO DEPARTMENT OF TRANSPORTATION M AND S STANDARDS.
9. RAISED MEDIAN ISLAND NOSES SHALL HAVE R4-7 SIGNS AT EACH END AND A 4'X12" HIGH INTENSITY YELLOW SIGN BLANK LOCATED MIDWAY BETWEEN THE R4-7 SIGN AND FINISHED GRADE ON EACH POST.
10. SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TIME OF REVIEW.
11. PAVEMENT MARKINGS SHALL NOT LIFT OR PEEL DURING THE FIRST YEAR AFTER INSTALLATION.
12. DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS AND OVERHEAD SIGNS.
13. LOCAL STREET NAME SIGNS SHALL BE 6 INCHES BLADES WITH MIXED CASE LETTERING.
14. ALL LAYOUTS FOR INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
15. CROSSWALKS: SHALL BE CONSTRUCTED USING PREFORMED THERMO-PLASTIC OR AN APPROVED EQUAL.

SHALL BE LONGITUDINAL 2 FEET BY 10 FEET (CONTINENTAL) TYPE OR OTHER APPROVED BY THE TOWN OF PARKER. SHALL LINE UP WITH HANDICAP RAMPS. SHALL BE CENTERED WITHIN LANES AND PLACED ON LANE AND CURB LINES SO AS TO AVOID VEHICLE WHEEL PATHS.

FOR CONCRETE SURFACE: LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT. OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER.

WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE METHYL-MYTHACRALATE, PREFORMED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), OR AS SPECIFIED.

(SAND OR WATER BLAST CURING COMPOUND PRIOR TO INSTALLATION OF MARKINGS.)

FOR ASPHALT SURFACE: LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT. OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER. WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE HOT APPLIED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), METHYL-MYTHACRALATE, OR AS SPECIFIED.

- 17. INSPECTION AND APPROVAL OF STRIPING AND CROSSWALK LAYOUT TO BE DONE BY TOWN OF PARKER DEVELOPMENT REVIEW ENGINEER (CALL 303-840-9546) PRIOR TO APPLICATION OF FINAL STRIPING.



Table with 10 columns and 1 row for revision tracking. Headers include DATE and REV/REVISION DESCRIPTION.

COMPARK VILLAGE SOUTH PRIVATE IMPROVEMENT CONSTRUCTION PLANS GENERAL NOTES

ISSUED FOR REVIEW FOR AND ON BEHALF OF MERRICK & COMPANY

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.

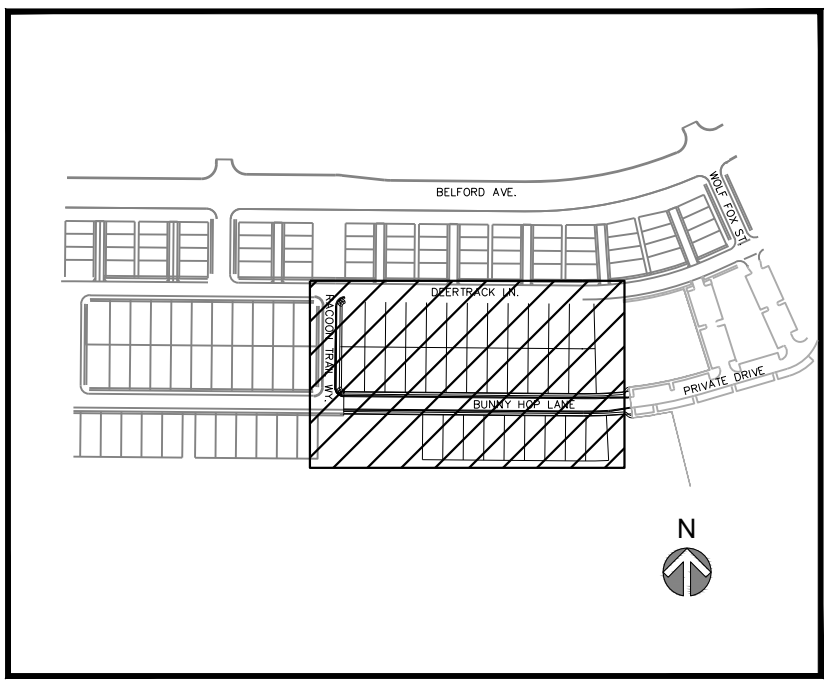
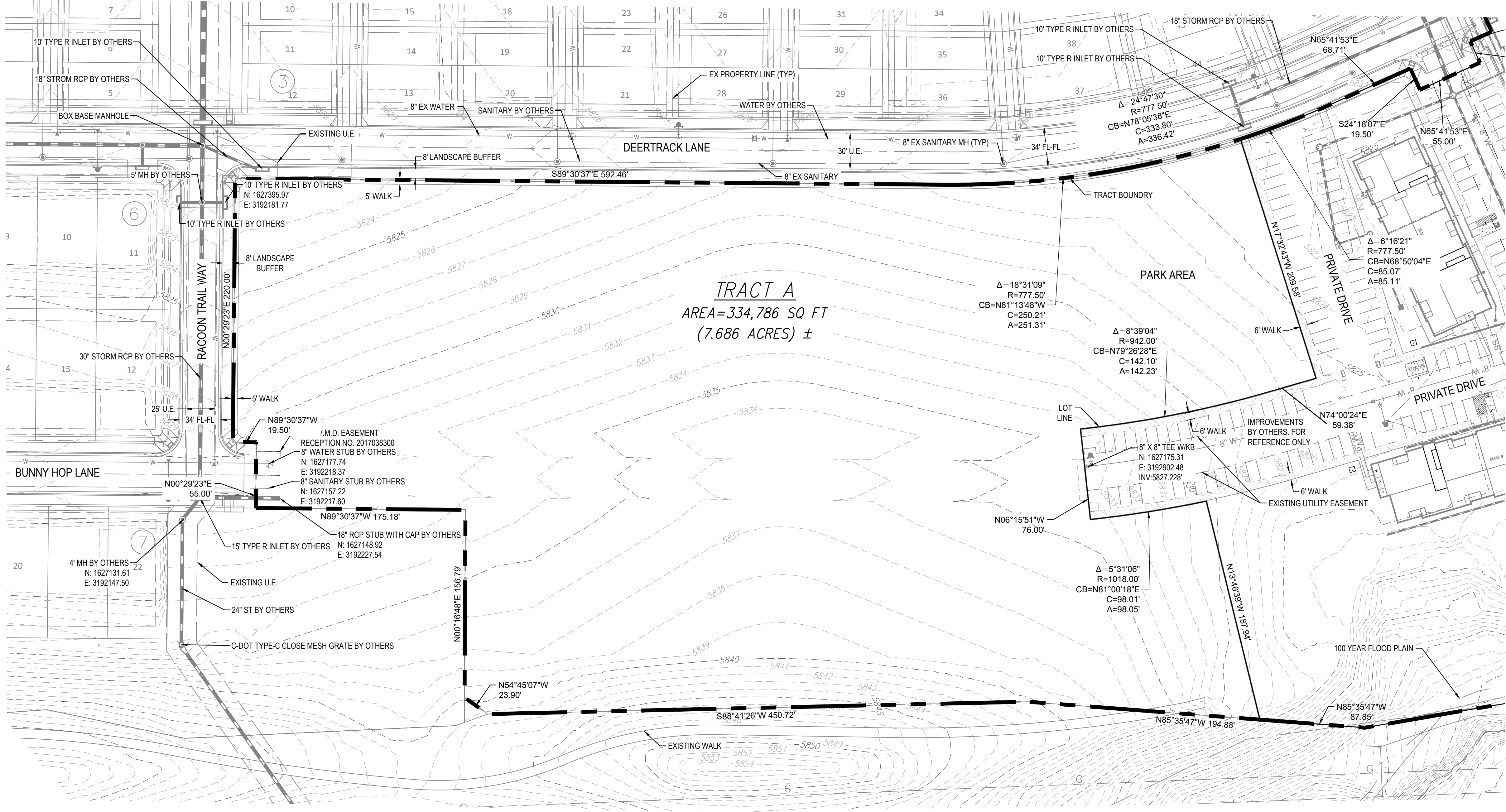
This review does not constitute approval of any private on-site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

Town of Parker, Director of Engineering/Public Works

Table with 4 columns: JOB NUMBER, DATE, SHEET, CO. 1. Values: 65120950, 9/10/2021, 01.

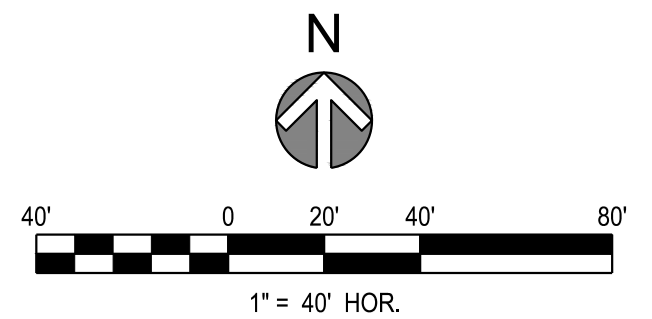
THE USE OF ANY CHANGE IN EXISTING AREA OR DIMENSIONS IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A SERVICE PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE IN WHOLE OR IN PART OR FOR EXTENSION OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY INFORMATION NOT A PART OF THIS INSTRUMENT WITHOUT THE WRITTEN CONSENT OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER ASSUMES ALL LIABILITY FOR ANY SUCH USE.

File Location: D:\DEN\Projects\0950\00 Compark\_South\CAD\CDS\SF-PICP\0950-EXISTING CONDITIONS-SF.dwg Plot Date: 2/28/2022 4:48 PM Last Saved By: TVANGORDON



BEARINGS ARE ASSUMED AND ARE BASED UPON THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 6, AS BEARING N87°48'59"E A DISTANCE OF 2634.09 FEET BETWEEN THE SOUTH QUARTER CORNER OF SAID SECTION 6, BEING A FOUND 3-1/4" ALUMINUM CAP, FLUSH WITH THE SURFACE AND STAMPED, PLS 38026 AND THE SOUTHEAST CORNER OF SAID SECTION 6, BEING A FOUND 3-1/4" ALUMINUM CAP, FLUSH WITH THE SURFACE AND STAMPED PLS 12405.

- NOTES**
- EXISTING FEATURES SHOWN ARE BASED ON INFORMATION PROVIDED BY MANHARD CONSULTING, LLC. SITE IS ACTIVELY UNDER CONSTRUCTION DURING TIME OF DESIGN. CONTRACTOR TO FIELD VERIFY FEATURES DEPICTED PRIOR TO COMMENCING CONSTRUCTION.



REV	REVISION DESCRIPTION	DATE	CHKD	APPR

**COMPARK VILLAGE SOUTH  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
EXISTING CONDITIONS**

ISSUED FOR REVIEW  
FOR AND ON BEHALF OF MERRICK & COMPANY

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Town of Parker, Director of Engineering/Public Works Date



JOB NUMBER	65120350
DATE	2/25/2022
SHEET	C2.0
	02



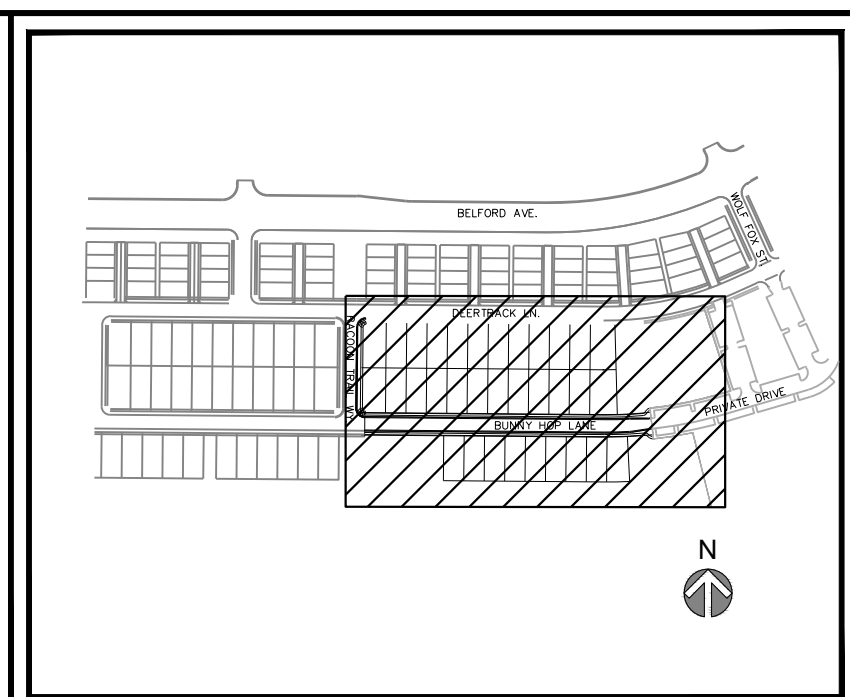
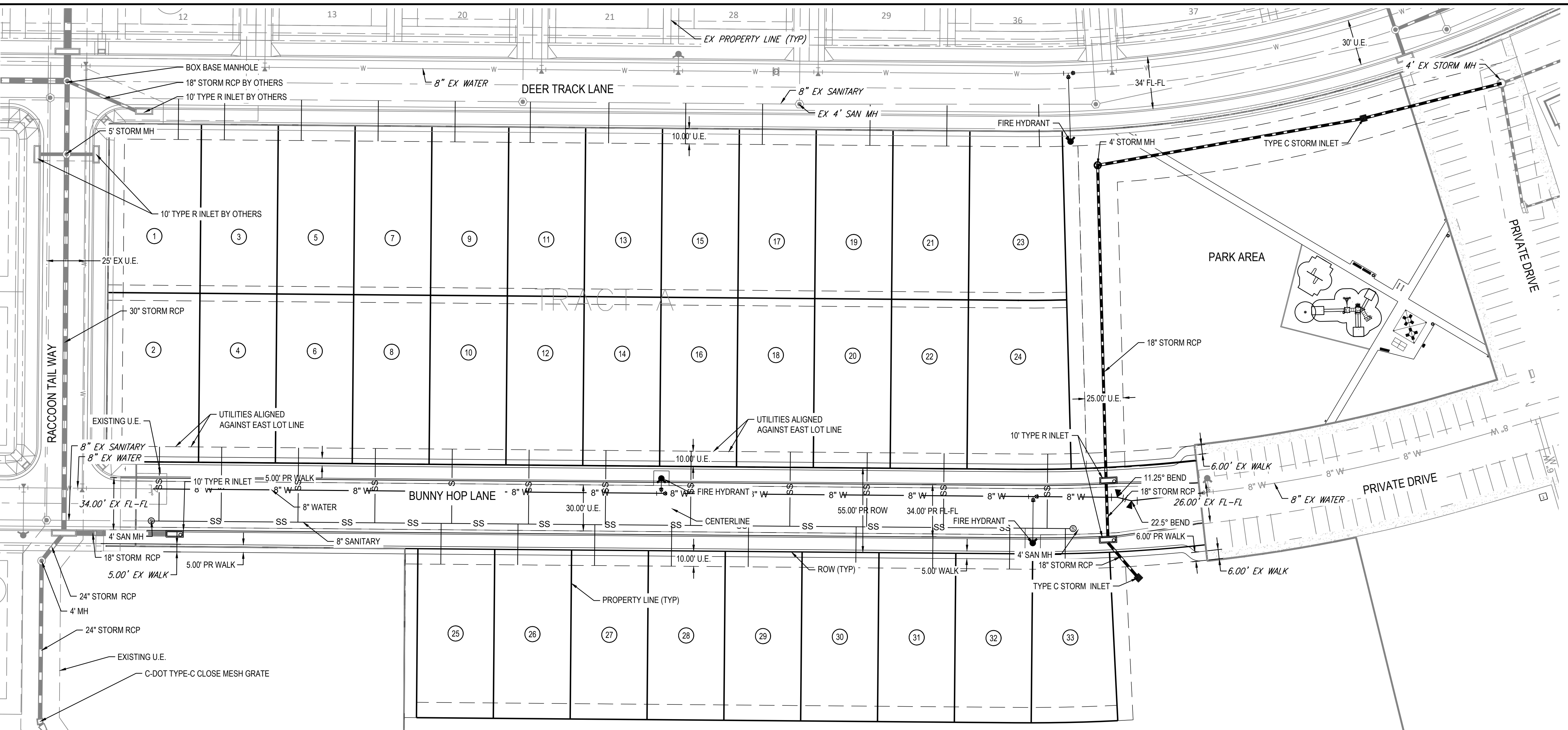




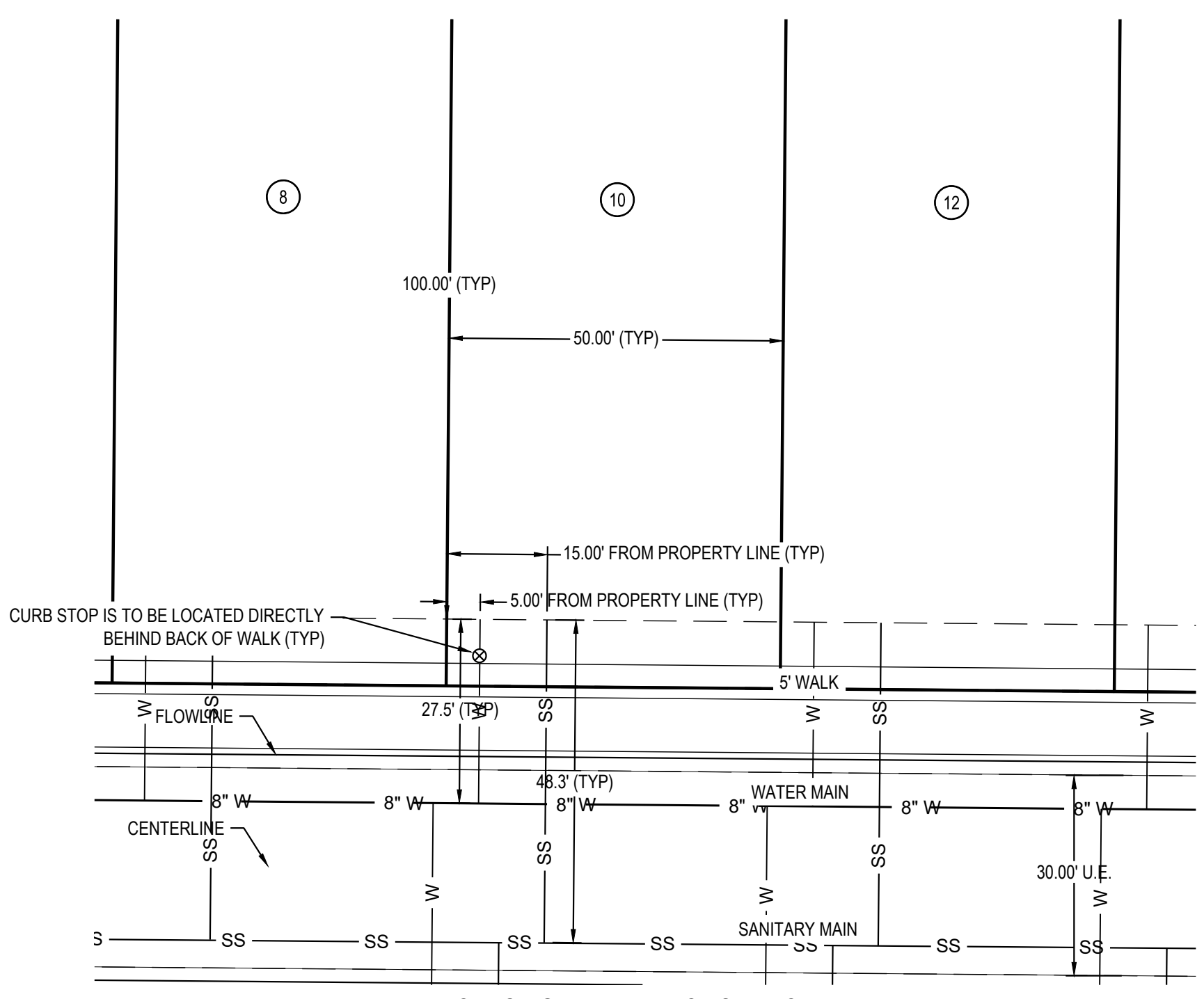
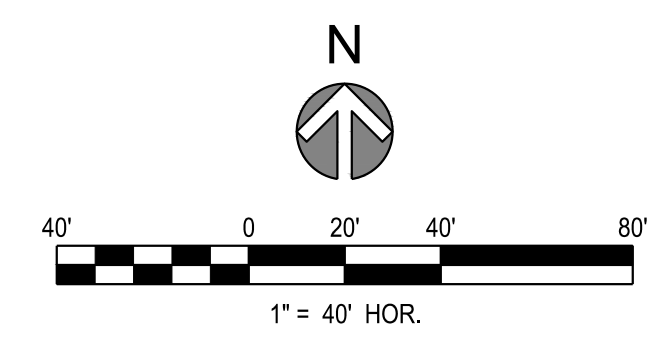


THE USE OF ANY CHANGES TO EXISTING UTILITIES OR INFRASTRUCTURE IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A SERVICE PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE IN WHOLE OR IN PART OR FOR EXTENSION OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY UTILITIES OR INFRASTRUCTURE WITHOUT THE PRIOR WRITTEN CONSENT OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

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NOTES:  
CONTRACTOR TO FIELD VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITIES AND IRRIGATION.



TYPICAL SINGLE FAMILY LOT SERVICE DETAIL

NOTES:  
1. SERVICE LOCATIONS ARE TYPICAL UNLESS OTHERWISE NOTED.

**FIRE/LIFE SAFETY REVIEW BLOCK**

All fire hydrants shall be installed according to water utility standards. The number and locations of the fire hydrants as shown on the Overall Utility Plan are correct as specified by the Town of Parker, Community Development Department.

Fire Code Official or Designated Representative \_\_\_\_\_ Date \_\_\_\_\_

(NOTE - Underground Fire Line (UFL) submittal documents must meet the requirements of NFPA 24 when submitting for review.)

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Town of Parker, Director of Engineering/Public Works \_\_\_\_\_ Date \_\_\_\_\_

**MERRICK**  
Engineering / Architecture / Design-Build / Surveying / Planning / Geospatial Solutions  
5970 GREENWOOD PLAZA BLVD, GREENWOOD VILLAGE, CO. 80111  
303-751-0741  
www.merrick.com



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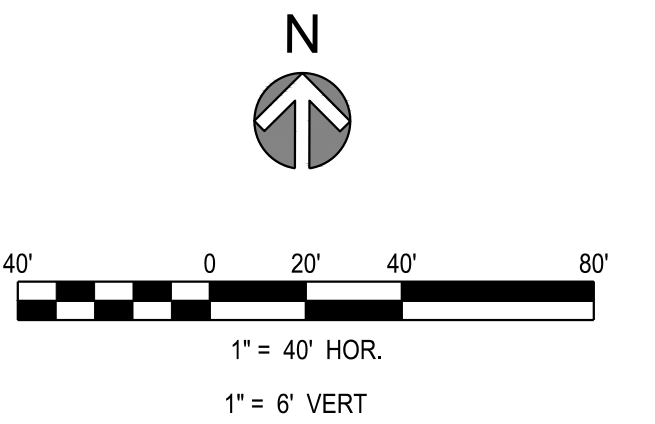
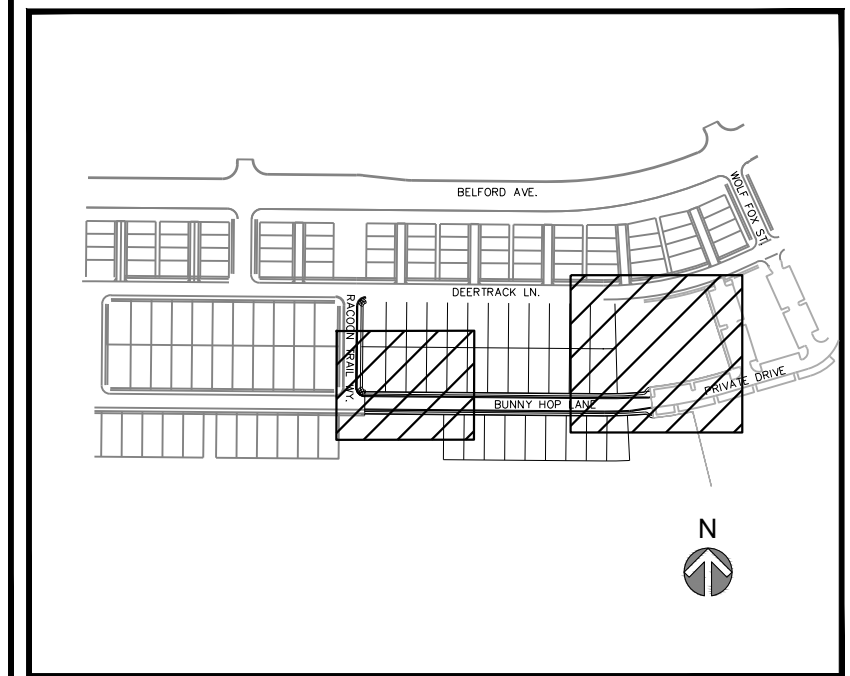
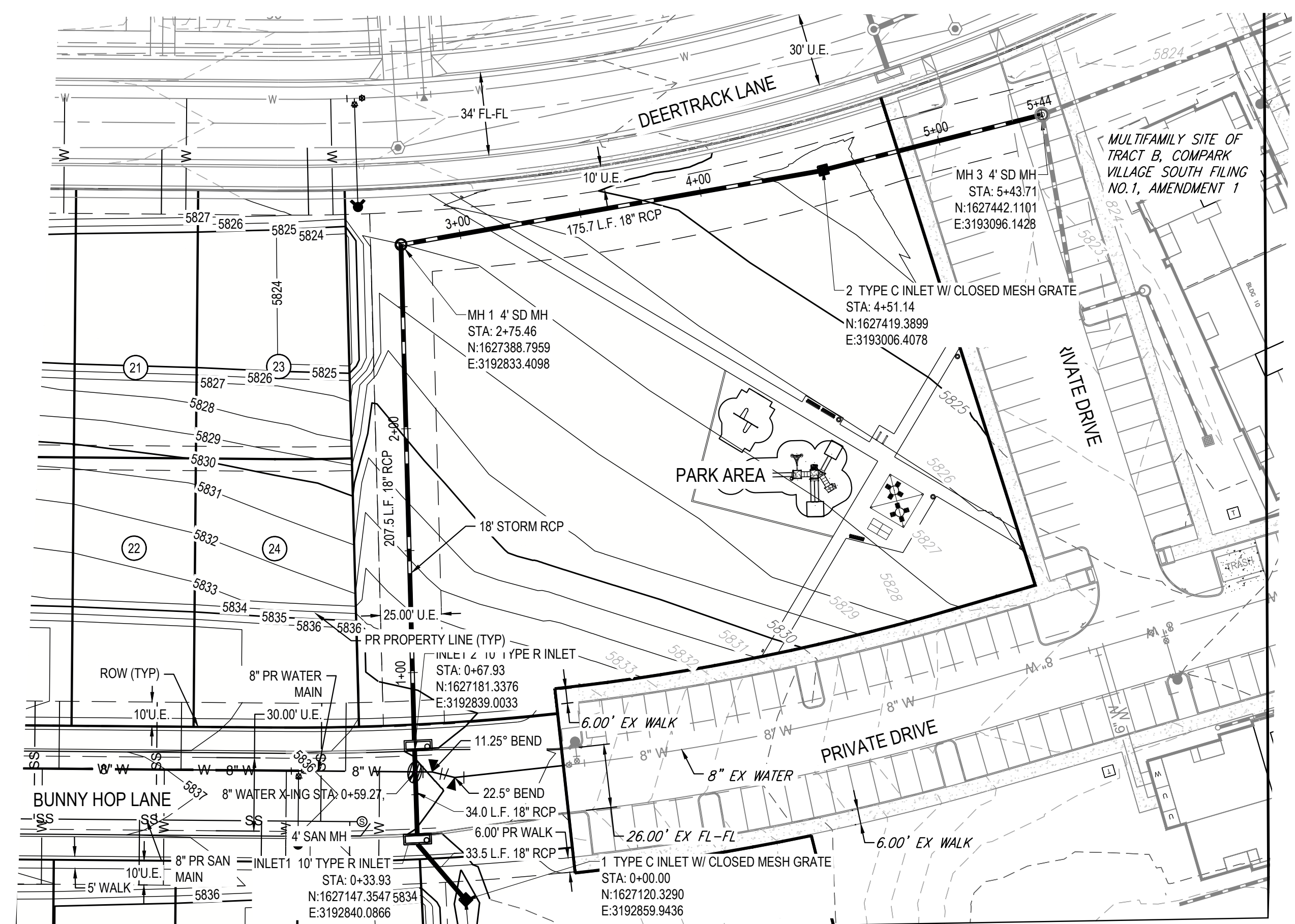
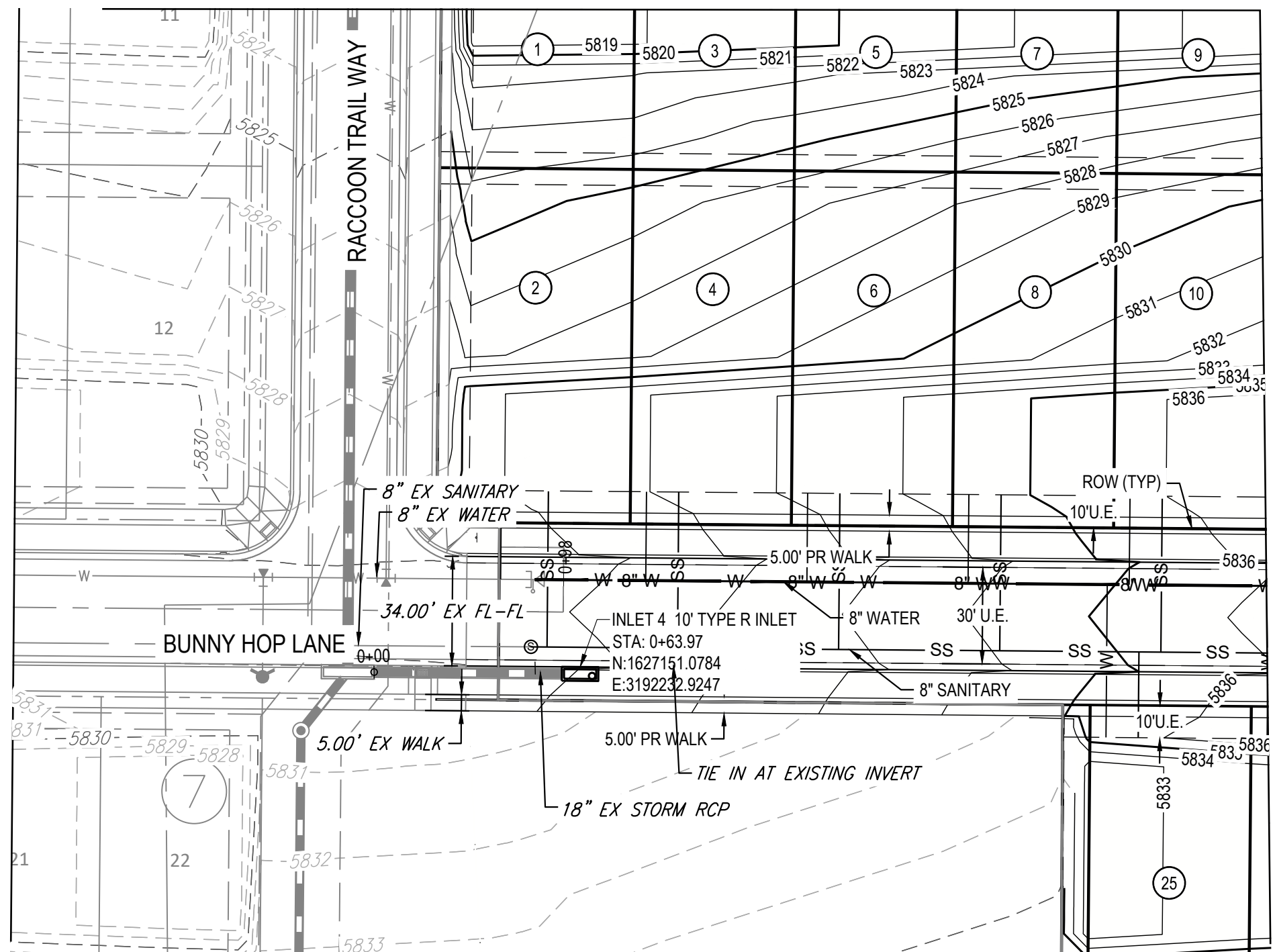
**COMPARK VILLAGE SOUTH**  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
OVERALL UTILITY PLAN

ISSUED FOR REVIEW  
FOR AND ON BEHALF OF MERRICK & COMPANY

JOB NUMBER	65120350
DATE	2/25/2022
SHEET	C3.2
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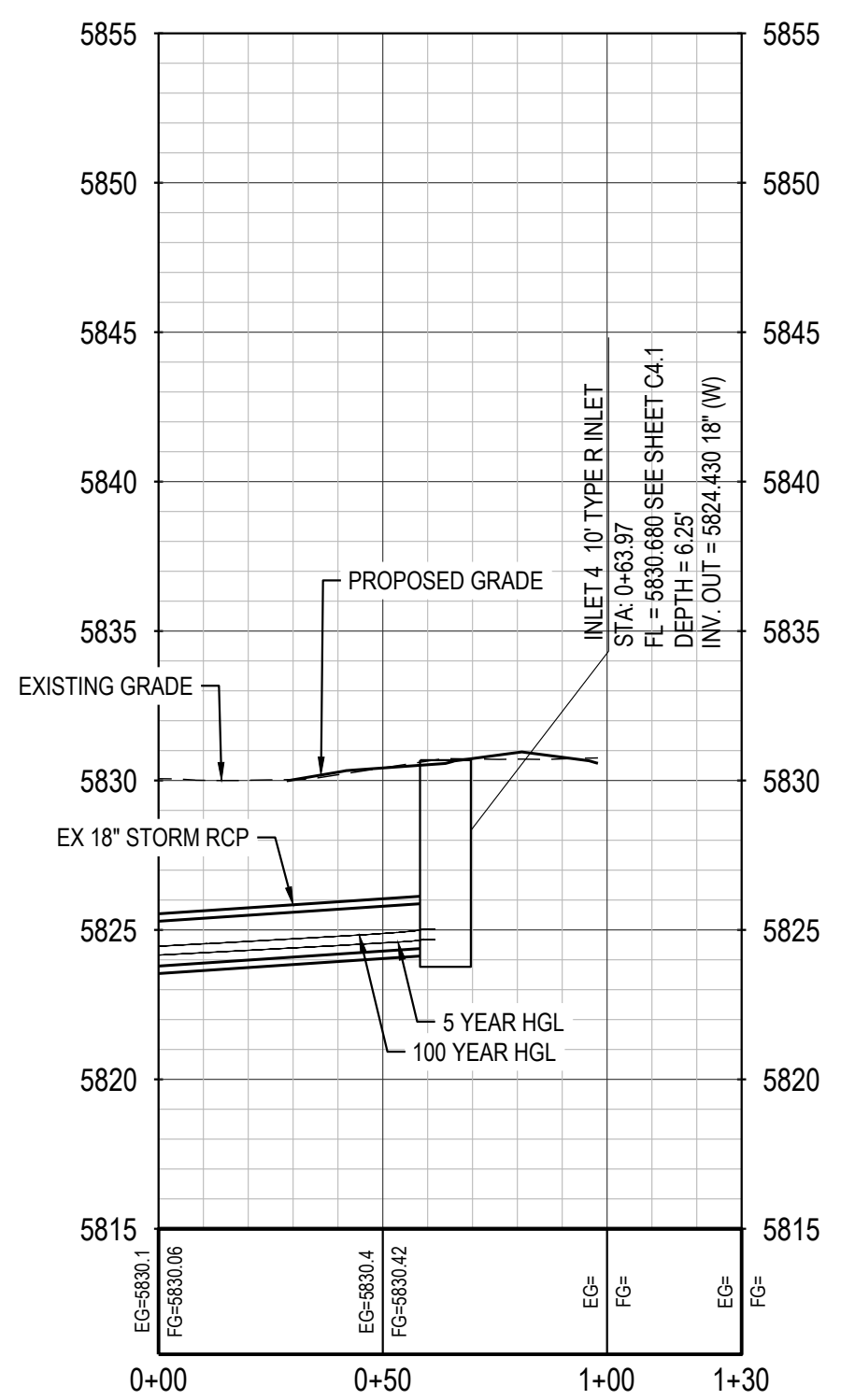


THE TOWN OF PARKER IS PROVIDING GENERAL INFORMATION ONLY. THIS INFORMATION IS NOT INTENDED TO BE USED AS A BASIS FOR ANY DESIGN OR CONSTRUCTION. THE USER OF THIS INFORMATION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS INFORMATION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

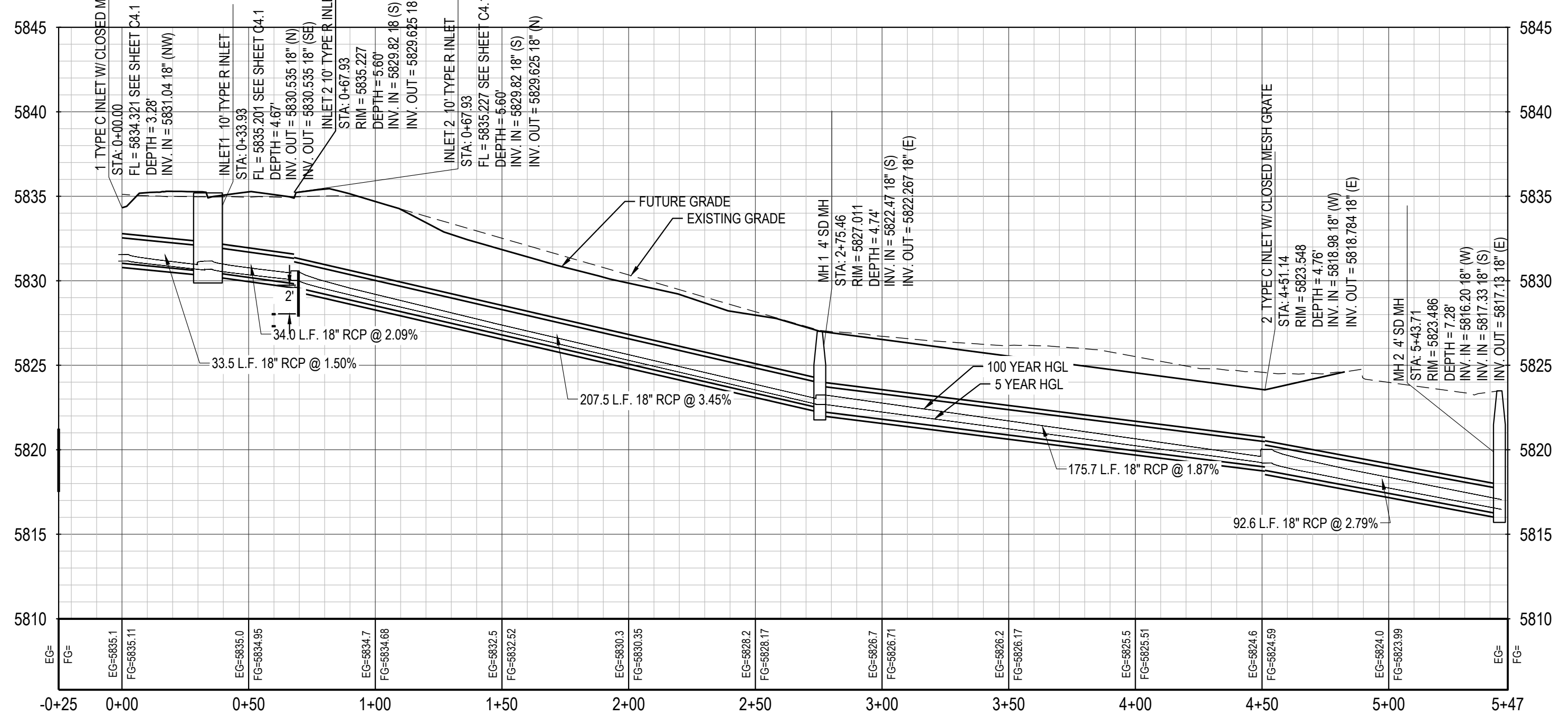


- NOTES:**
1. ALL STATIONING & PIPE LENGTHS ARE TO CENTER OF STRUCTURE. ALL STATIONING AT INLET AT TC.
  2. ALL RCP TO BE CLASS III UNLESS SPECIFIED OTHERWISE.
  3. CONTRACTOR TO VERIFY LOCATION/ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
  4. ALL MANHOLES TO HAVE 48" INNER DIAMETER.
  5. DETENTION POND AND OUTFALL TO BE CONSTRUCTED BY OTHERS.
  6. ALL STORM SEWER IS PRIVATE UNLESS OTHERWISE NOTED.

**STORM PROFILE**



**STORM PROFILE**



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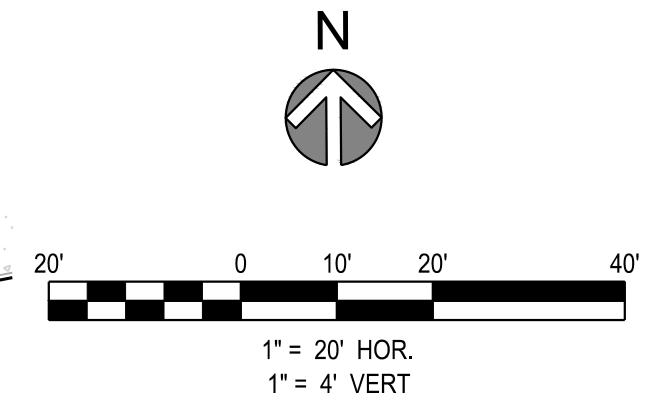
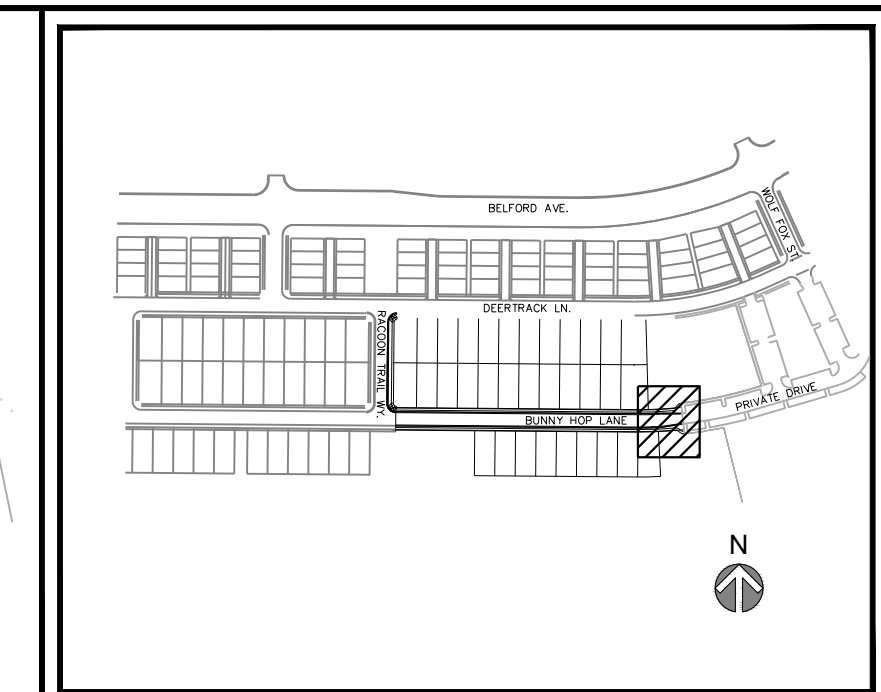
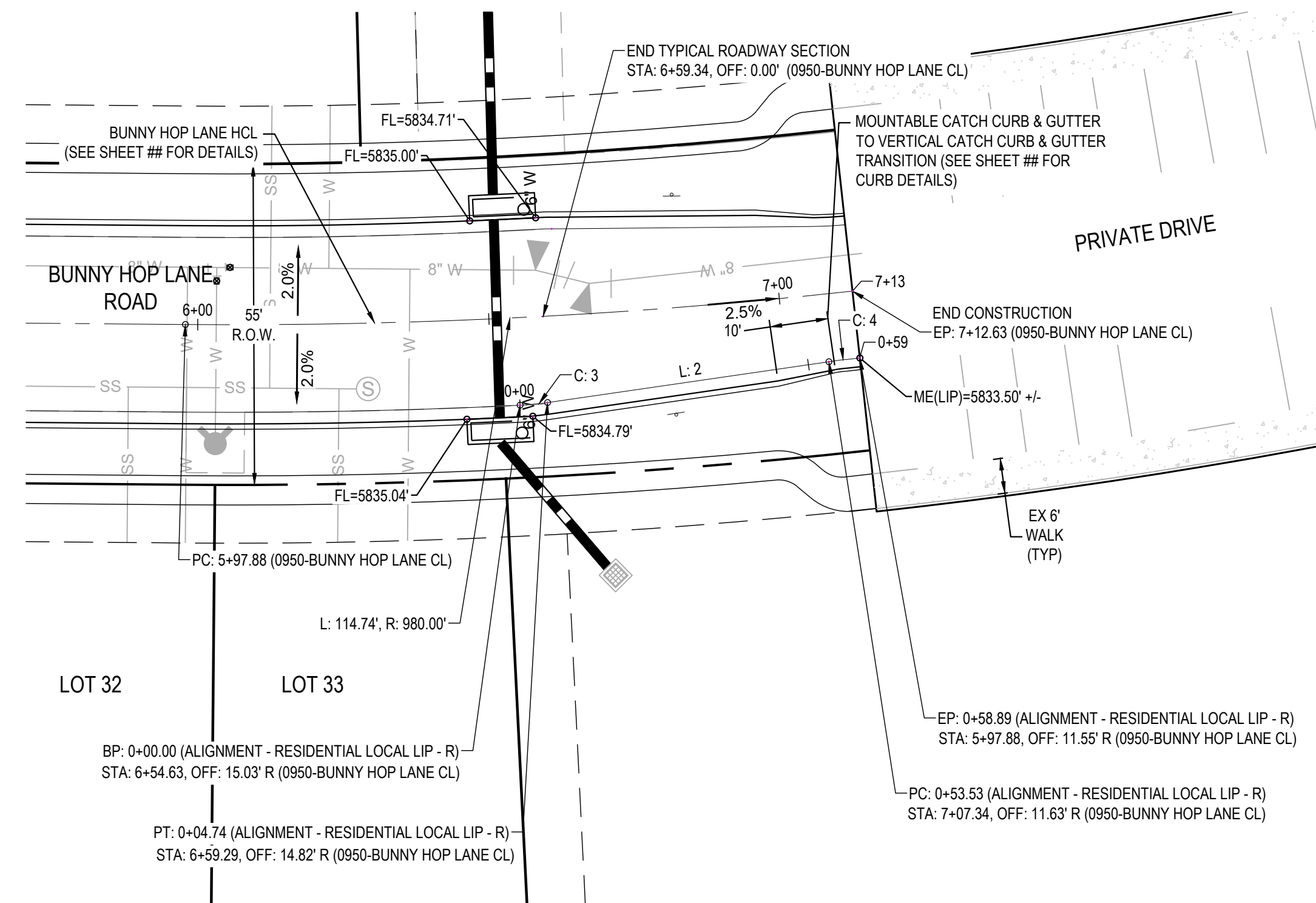
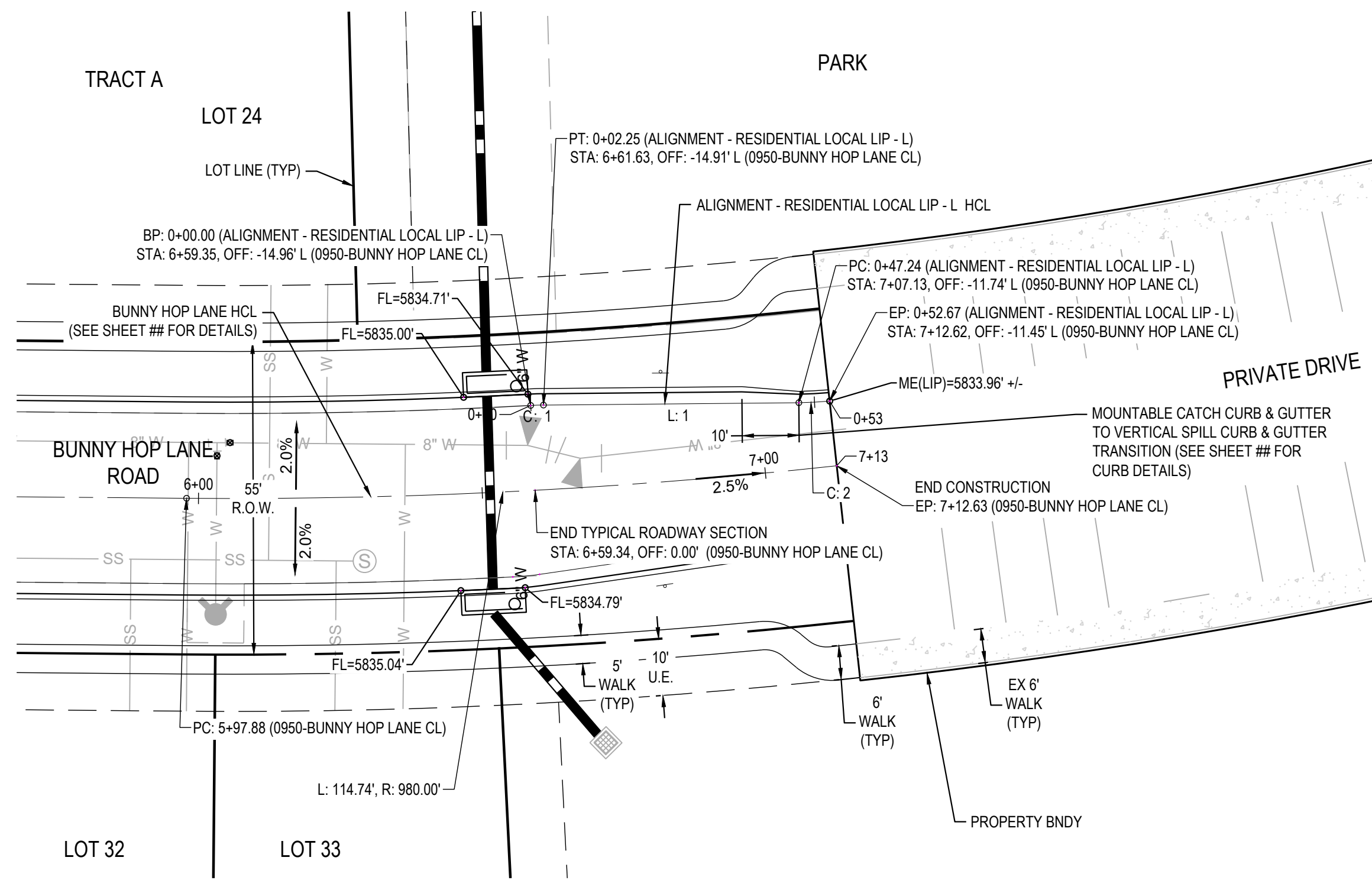
**COMPARK VILLAGE SOUTH**  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
STRM PLAN & PROFILE

TITLE	ISSUED FOR REVIEW
JOB NUMBER	65120350
DATE	2/25/2022
SHEET	C3.3
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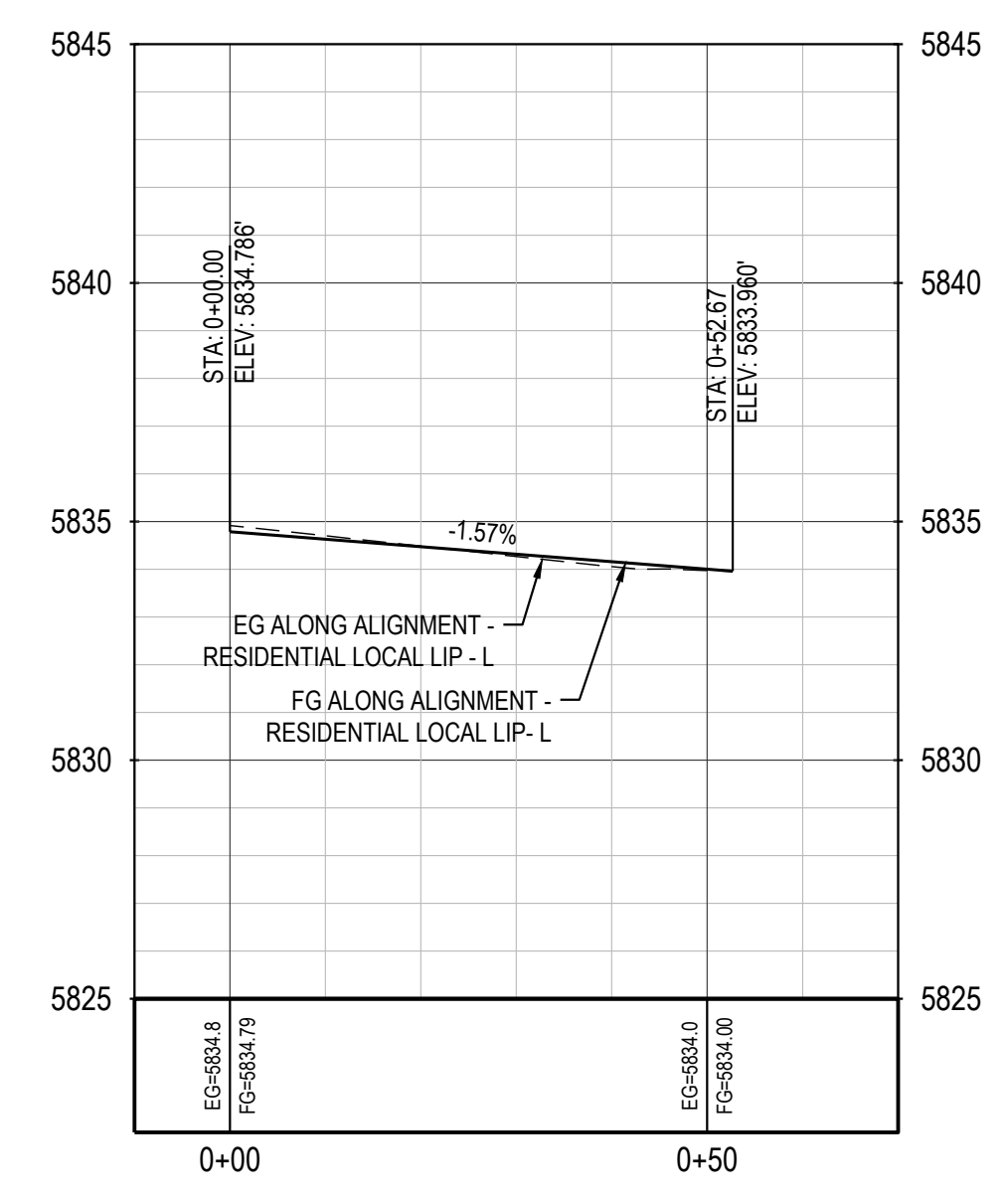
THE ANY CHANGE IN EXISTING MEAN ELEVATION IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A SERVICE PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE IN WHOLE OR PART OR FOR EXTENDING OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY INFORMATION NOT A PART OF THIS INSTRUMENT WITHOUT THE WRITTEN CONSENT OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER ASSUMES ALL LIABILITY TO PROTECT AND DEFEND AGAINST SUCH CLAIMS.

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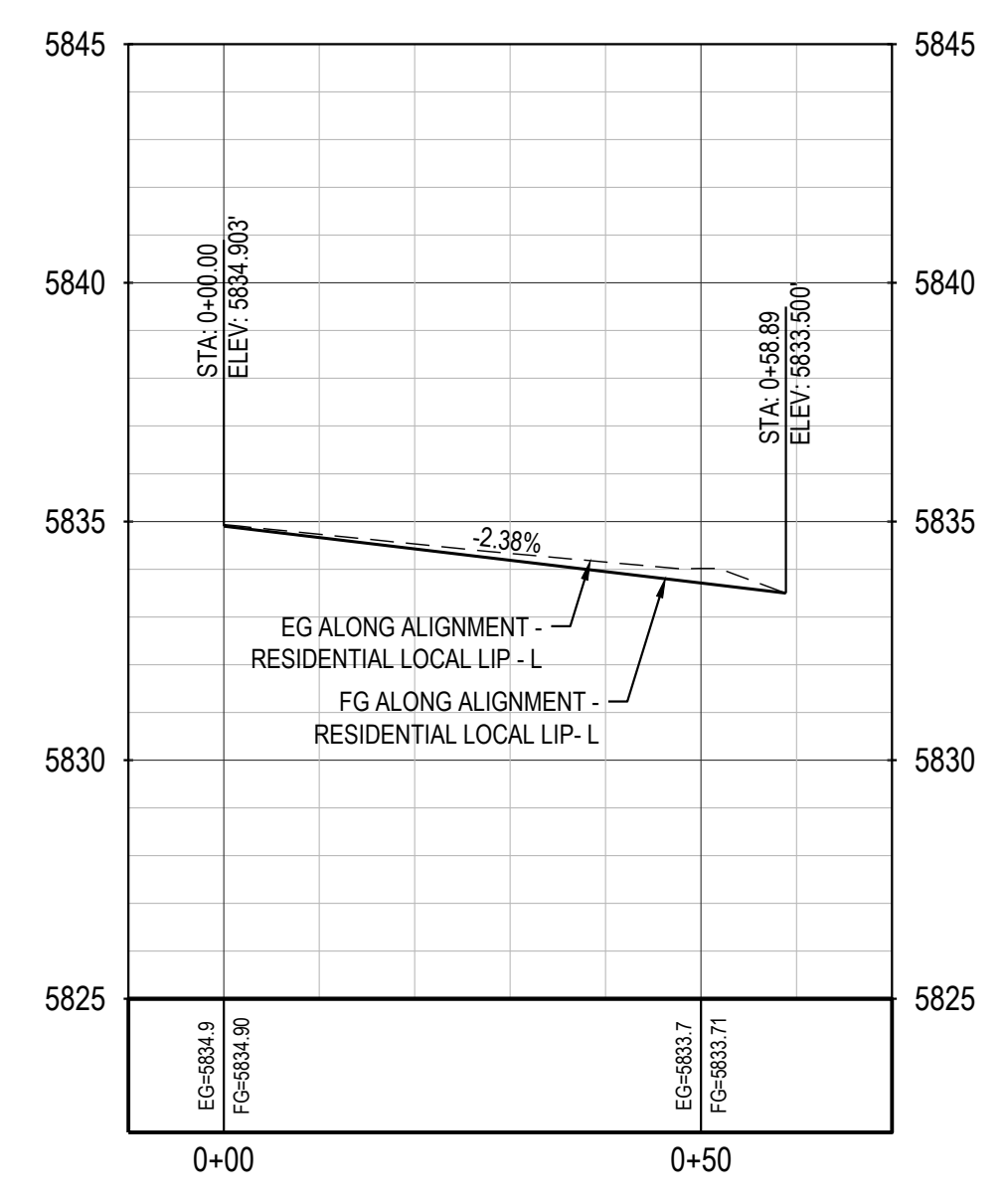


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  5. DETENTION POND AND OUTFALL TO BE CONSTRUCTED BY OTHERS.
  6. ALL STORM SEWER IS PRIVATE UNLESS OTHERWISE NOTED.

Alignment - Residential Local Lip - L



Alignment - Residential Local Lip - R



LINE TABLE				
LINE #	BEARING	LENGTH	NORTHING	EASTING
L: 1	N89° 28' 29"E	44.99'	1627179.79	3192848.94
L: 2	N81° 44' 35"E	48.79'	1627149.98	3192848.25

CURVE TABLE							
CURVE #	LENGTH	DELTA	RADIUS	CRD LENGTH	CRD RADIUS	NORTHING	EASTING
C: 1	2.25'	2° 34' 41"	50.00'	2.25	N88° 11' 08"E	1627179.72	3192846.69
C: 2	5.43'	4° 01' 44"	77.27'	5.43	N86° 59' 14"E	1627180.21	3192893.93
C: 3	4.74'	5° 25' 46"	50.00'	4.74	N84° 27' 28"E	1627149.52	3192843.53
C: 4	5.35'	2° 57' 44"	103.54'	5.35	N83° 07' 13"E	1627156.99	3192896.54

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/Public Works Date



REV	REVISION DESCRIPTION	DATE	CHKD	APPR

**COMPARK VILLAGE SOUTH**  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
ROADWAY PLAN & PROFILE

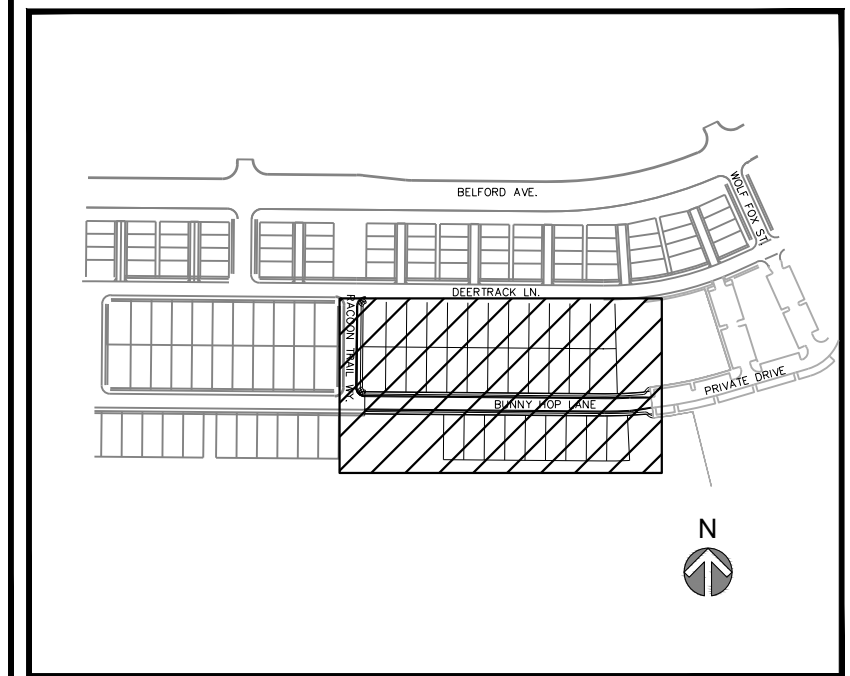
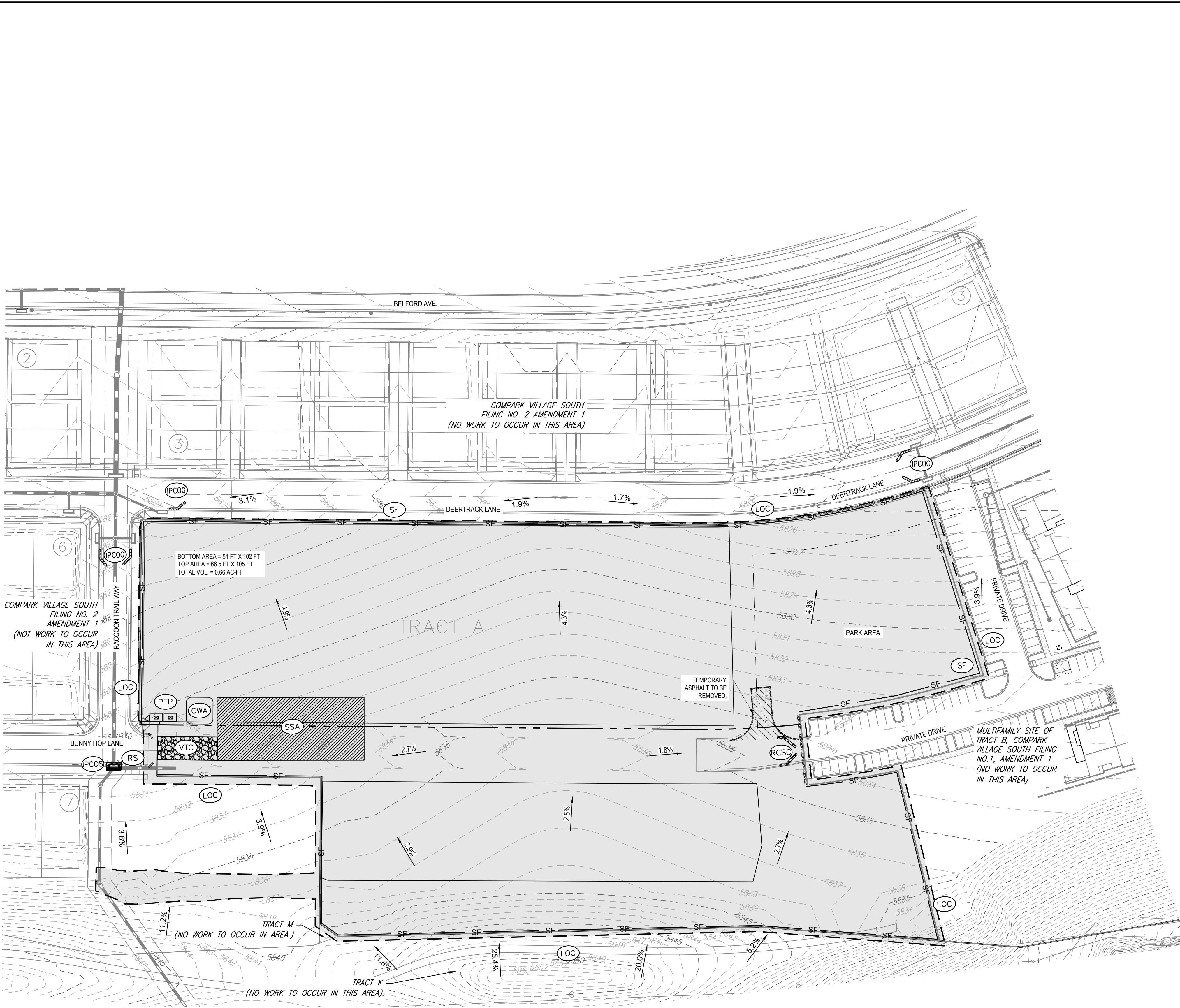
ISSUED FOR REVIEW

JOB NUMBER	65120550
DATE	2/25/2022
SHEET	C3.5
TOTAL SHEETS	10



THE USE OF ANY OTHER ENGINEERING, ARCHITECTURE, OR SURVEYING IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A SERVICE PROJECT, REUSE OR MODIFICATION OF ANY INSTRUMENT WITHOUT THE WRITTEN CONSENT OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

File Location: D:\DEN\Projects\0950-C0 Compark\_South\CAD\CDS\SF-PICP\0950-EROSION CONTROL PLAN\_SF7.dwg Pld Date: 2/28/2022 5:07 PM Last Saved By: TVANGORDON



**TEMPORARY BMP LEGEND:**

- SF SILT FENCE
- DD DIVERSION DITCH
- RS ROCK SOCK
- PCOS INLET PROTECTION CURB ON SUMP
- PCOG INLET PROTECTION CURB ON GRADE
- LOC LIMITS OF CONSTRUCTION
- SSA STABILIZED STAGING AREA
- SCL SEDIMENT CONTROL LOG
- VTC VEHICLE TRACKING CONTROL
- CWA CONCRETE WASHOUT AREA
- TSB SEDIMENT BASIN
- PTP PORTABLE TOILET PROTECTION
- DTC DEBRIS TRASH CONTROL
- SMC SEEDING AND MULCHING
- SR SURFACE ROUGHING
- ECB EROSION CONTROL BLANKET
- IPAN INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT
- RCSC ROUGH CUT STREET CONTROL

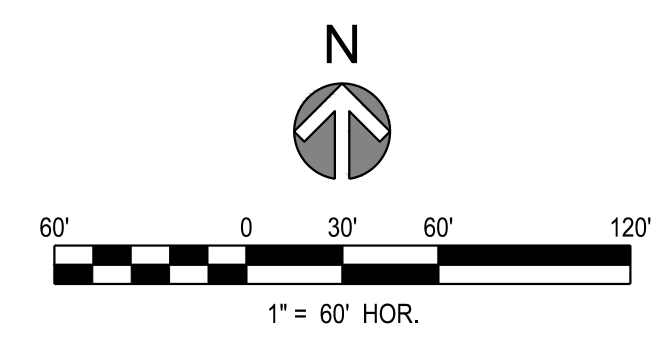
**NOTES:**

1. INTERIOR SILT FENCE SHOULD BE PLACED BY THE CONTRACTOR TO INTERMITTENTLY INTERCEPT GROUND FLOW. LOCATION TO BE BASED ON SITE CONDITIONS.
2. REFER TO EROSION CONTROL DETAILS (C8.0)
3. OWNER/CONTRACTOR MUST OBTAIN THE CDP'S GENERAL PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION.
4. THE TOWN OF PARKER'S "STANDARD EROSION AND SEDIMENT CONTROL CONSTRUCTION PLAN NOTES, FEBRUARY 2005" TAKE PRECEDENCE OVER THE "GENERAL EROSION CONTROL NOTES" WHENEVER THERE IS A QUESTION OR CONFLICT IN THE NOTES.
5. THE OWNER/CONTRACTOR MUST ADHERE AND ABIDE TO THE RULES AND REGULATIONS IMPOSED BY THE TOWN OF PARKER.
6. SLOPE PROTECTION SHOULD BE ADDED TO ALL AREAS OF SLOPES GREATER THAN 4:1. CONTRACTOR TO USE "TRACKED" VEHICLE, RUN PERPENDICULAR TO SLOPE TO INHIBIT RILL/GULLEY EROSION, CONTRACTOR MAY USE OTHER WINDROW-TYPE METHODS AS APPROVED BY ENGINEER. TYPICAL ALL SLOPES, REPEAT AS NECESSARY UNTIL LANDSCAPING IS INSTALLED.
7. ALL VEHICLE SPEEDS SHALL BE LIMITED TO A MAXIMUM OF 25 MILES PER HOUR.
8. ALL UNPAVED ROADWAYS AND DISTURBED SURFACE AREAS SHALL BE WATERED AS NEEDED TO PREVENT FUGITIVE DUST EMISSIONS.
9. LOT PROTECTION (LP) IS REQUIRED ON ALL RESIDENTIAL LOTS PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY

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.

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Town of Parker, Director of Engineering/Public Works \_\_\_\_\_ Date \_\_\_\_\_



REV	REVISION DESCRIPTION	DATE	CHKD	APPD

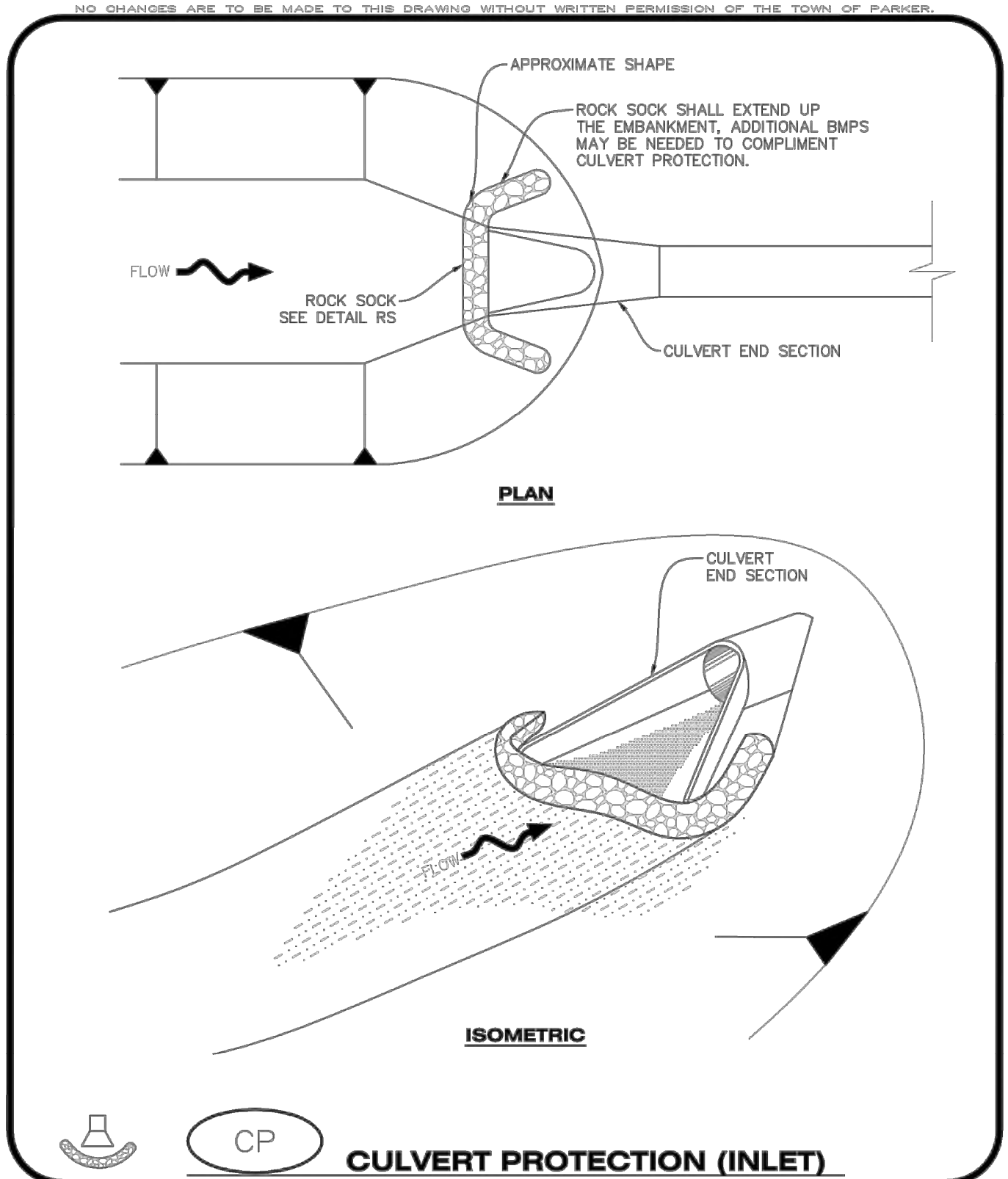
**COMPARK VILLAGE SOUTH  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS  
 INITIAL CMBP PLAN**

ISSUED FOR REVIEW  
 FOR AND ON BEHALF OF MERRICK & COMPANY

JOB NUMBER	65120350
DATE	2/25/2022
SHEET	C4.0
TOTAL SHEETS	11



THE TOWN OF PARKER CONSTRUCTION BEST MANAGEMENT PRACTICES (CBMP) IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK & COMPANY, FOR A FUTURE PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE IN WHOLE OR IN PART OR FOR EXTENSION OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY INFORMATION NOT A PHYSICAL INSTRUMENT WITHOUT THE PRIOR WRITTEN CONSENT OF MERRICK & COMPANY SHALL BE AT THE USER'S RISK. THE TOWN OF PARKER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO MERRICK & COMPANY.



**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | CP | 1 OF 2 | Oct. 2013

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

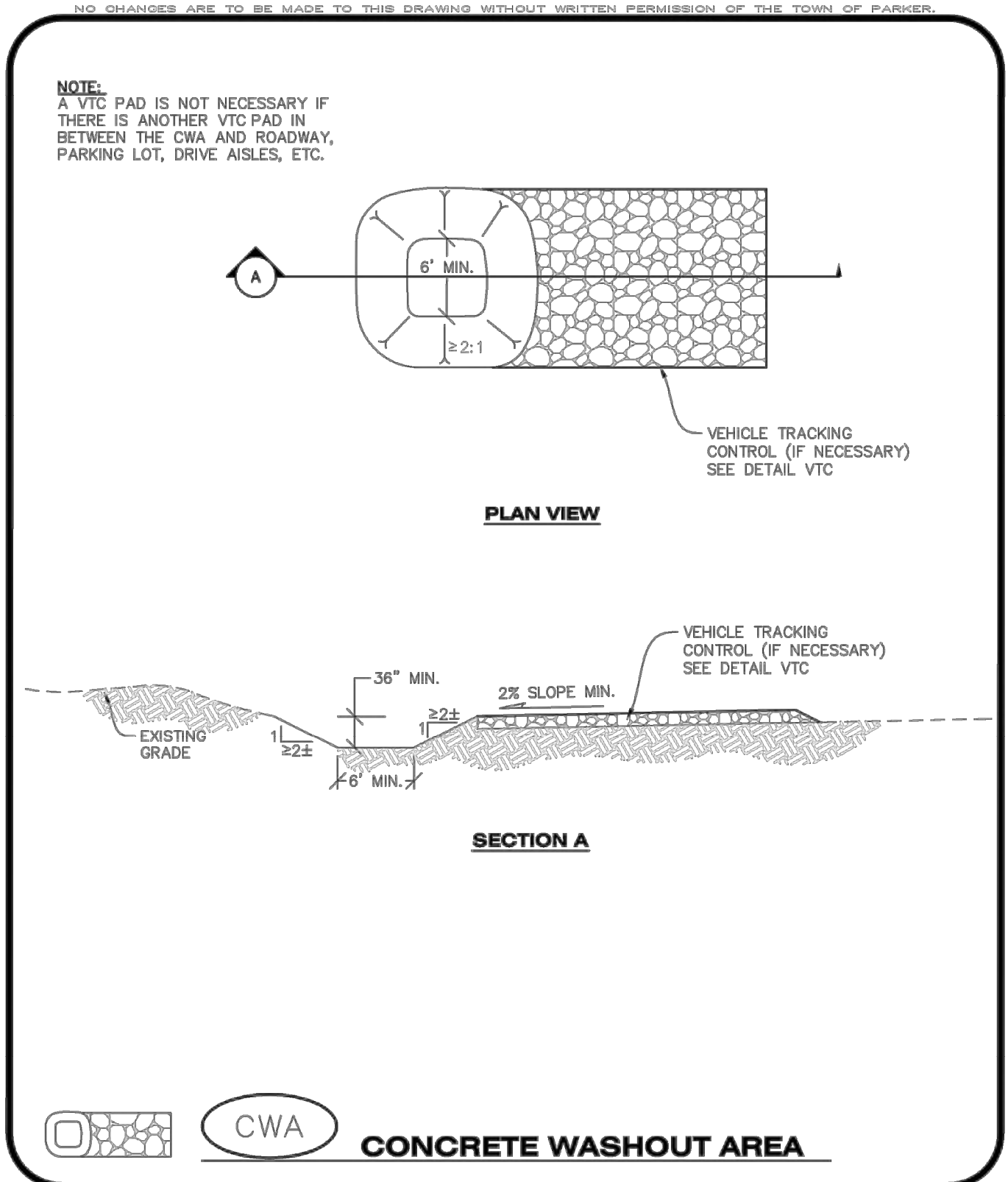
**CULVERT PROTECTION (INLET) INSTALLATION NOTES**

- SEE PLAN VIEW FOR LOCATION(S) OF CULVERT PROTECTION (INLET).
- ROCK SOCK SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL RS).
- ROCK SOCK SHALL BE APPROXIMATELY 12" IN DIAMETER.
- ROCK SOCK SHALL EXTEND ABOVE THE FLOW LINE ELEVATION ON BOTH SIDES OF THE CULVERT END SECTION.

**CULVERT PROTECTION (INLET) INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CULVERT PROTECTION (INLET).
- AT A MINIMUM, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE ROCK SOCK.
- CULVERT PROTECTION (INLET) IS TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- WHEN THE CULVERT INLET PROTECTION IS REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CULVERT INLET PROTECTION TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | CP | 2 OF 2 | Oct. 2013



**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | CWA | 1 OF 2 | Oct. 2013

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

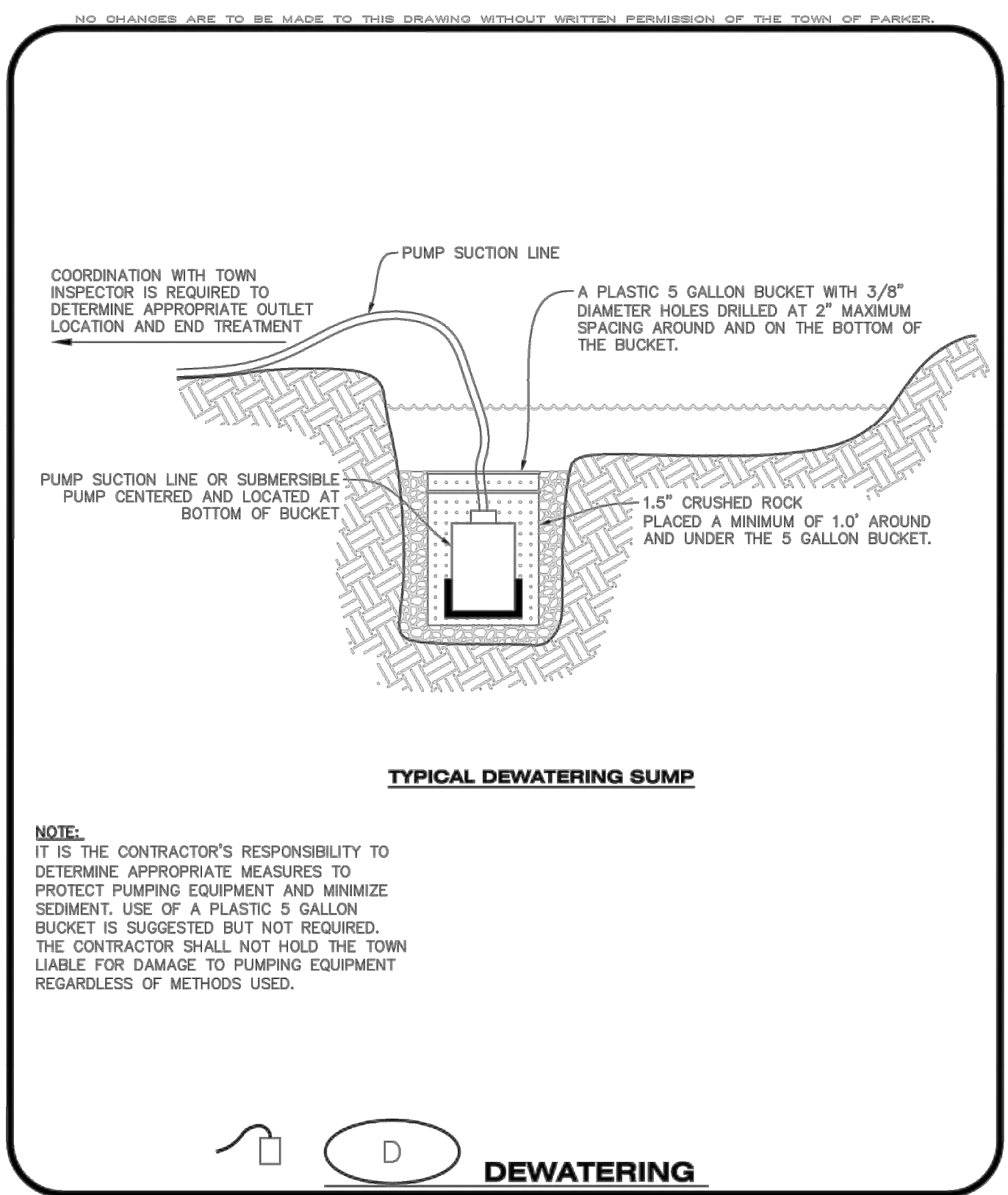
**CONCRETE WASHOUT AREA INSTALLATION NOTES**

- CONCRETE WASHOUT AREAS SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
- A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT THE ACCESS POINT TO ALL CONCRETE WASHOUT AREAS WHEN NO OTHER VTC PAD EXISTS IN BETWEEN THE CWA AND THE ROADWAY.
- IF GROUNDWATER IS ENCOUNTERED WHEN DIGGING THE PIT, A NEW LOCATION SHOULD BE SELECTED. IF NO OTHER LOCATION CAN BE FOUND, A ONE-PIECE IMPERVIOUS LINER SHALL BE REQUIRED ALONG THE BOTTOM AND SIDES OF THE SUBSURFACE PIT.

**CONCRETE WASHOUT AREA INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONCRETE WASHOUT AREA.
- CONCRETE WASHOUT MATERIALS SHALL BE REMOVED BEFORE ITS CAPACITY HAS BEEN REACHED.
- CONCRETE WASHOUT AREAS SHALL BE ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE AND ASSOCIATED WASH WATER.
- CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE AS NECESSARY TO ENSURE ADEQUATE CAPACITY.
- CONCRETE WASHOUT AREAS SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
- WHEN CONCRETE WASHOUT AREAS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED BACKFILL AND TOPSOIL, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CONCRETE WASHOUT AREAS SHALL BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | CWA | 2 OF 2 | Oct. 2013



**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | D | 1 OF 2 | Oct. 2013

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

**DEWATERING INSTALLATION NOTES**

- IT IS THE EROSION CONTROL SUPERVISOR'S RESPONSIBILITY TO ENSURE THAT ALL DEWATERING IS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE).

**DEWATERING MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL INSPECT THE DEWATERING OPERATION TO ENSURE THAT THE DISCHARGE WATER IS DRAINING TO THE PROPER LOCATION(S) AND PERFORM ANY NECESSARY REPAIRS OR MAINTENANCE ON A FREQUENT BASIS.

**CBMP** | CONSTRUCTION BEST MANAGEMENT PRACTICES | D | 2 OF 2 | Oct. 2013

REV	REVISION DESCRIPTION	DATE	CHKD	CHKD	APPR

**COMPARK VILLAGE SOUTH**  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS  
 CBMP DETAILS

TITLE  
 ISSUED FOR REVIEW  
 FOR AND ON BEHALF OF MERRICK & COMPANY

THE USE OF ANY CHANGE TO EXISTING MEANS OR EQUIPMENT IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK & COMPANY, FOR A FEE. MERRICK & COMPANY IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF ANY INSTRUMENT OF SERVICE PROVIDED BY MERRICK & COMPANY. THE USER OF ANY INSTRUMENT OF SERVICE PROVIDED BY MERRICK & COMPANY SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE USER OF ANY INSTRUMENT OF SERVICE PROVIDED BY MERRICK & COMPANY SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.

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

- GRADING, DRILLING, CLEARING, EXCAVATING, BACK-FILLING, SOIL STRIPPING, SOIL IMPORTING EXPORTING OR ANY OTHER FORM OF SOIL DISTURBANCE SHALL NOT COMMENCE UNTIL A TOWN OF PARKER GRADING/EXCAVATION PERMIT HAS BEEN ISSUED.
- THE TOWN OF PARKER GRADING/EXCAVATION PERMIT IS VALID FOR A PERIOD OF 2 YEARS FROM THE DATE OF ISSUANCE. ANY LAPSE IN PERMIT COVERAGE MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER AND/OR FINES.
- ALL EROSION AND SEDIMENT CONTROL BMPs SHALL BE INSTALLED ACCORDING TO THE CBMP PLAN INSTALLATION NOTES AND DETAILS AND/OR PERMITTED VARIANCES. ALL MATERIALS, WORKMANSHIP AND INSTALLATION METHODS ARE SUBJECT TO INSPECTION BY THE TOWN'S INSPECTOR. THE TOWN OF PARKER RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS, WORKMANSHIP AND/OR INSTALLATION METHODS THAT DO NOT CONFORM TO THE CBMP PLAN AND/OR PERMITTED VARIANCES.
- THE EROSION CONTROL SUPERVISOR SHALL REVISE OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES IF IT BECOMES APPARENT THAT THE ORIGINAL PLAN IS INADEQUATE, OR AS A RESULT OF DEFICIENCIES IDENTIFIED DURING INSPECTIONS PERFORMED BY THE TOWN'S INSPECTOR.
- THE INSTALLATION OF ADDITIONAL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) MAY BE REQUIRED OF THE EROSION CONTROL SUPERVISOR, PROPERTY OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS AT ANY TIME THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION AND/OR SUBSEQUENT REVEGETATION PERIOD.
- THE EROSION CONTROL SUPERVISOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE SITE REMAINS IN COMPLIANCE WITH THE NOTICE OF NUISANCE REPORTS (a.k.a. CONSTRUCTION SITE RUNOFF CONTROL INSPECTION REPORTS), APPROVED CBMP PLAN(S) AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
- THE EROSION CONTROL SUPERVISOR SHALL BE READILY AVAILABLE TO DISCUSS AND CORRECT ANY PROBLEMS THAT MAY ARISE RELATING TO GRADING, EROSION AND SEDIMENT CONTROL.
- IF IT IS ANTICIPATED THAT ALL OR A PORTION OF THE PROJECT WILL OCCUR DURING SEASONS SUSCEPTIBLE TO SNOWFALL, THE USE OF CERTAIN EROSION AND SEDIMENT CONTROL BMPs ADJACENT TO PUBLIC ROADWAYS MAY NEED TO BE RECONSIDERED DUE TO THE NATURE OF SNOW REMOVAL OPERATIONS. AN APPROVED ALTERNATIVE MAY BE NECESSARY TO MINIMIZE DAMAGE FROM THESE OPERATIONS. THE TOWN OF PARKER ASSUMES NO RESPONSIBILITY FOR DAMAGE TO ANY BMPs AS A RESULT OF SNOW FLOWING AND SNOW REMOVAL.
- AREAS OF LAND DISTURBANCE EQUAL TO 40 ACRES OR GREATER SHALL NOT BE EXPOSED FOR MORE THAN 30 CONSECUTIVE DAYS WITHOUT TEMPORARY OR PERMANENT STABILIZATION.
- AUTHORIZED EXEMPTIONS MAY BE ALLOWED TO THE 40-ACRE LIMIT FOR REMOVAL AND STORAGE OF CUT MATERIAL WHERE (A) GEOTECHNICAL LIMITATIONS RESTRICT THE USE OF TEMPORARY OR PERMANENT STABILIZATION OF THE STORED MATERIAL (E.G., SWELLING SOILS, ROCK) AND (B) WHEN THE OWNER CAN DEMONSTRATE THAT THE 40-ACRE LIMIT IS PHYSICALLY AND/OR FINANCIALLY IMPRACTICABLE. FOR SITES GRANTED THIS EXEMPTION, A PHASING AND EARTHWORK QUANTITIES PLAN SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT AND APPROVED PRIOR TO THE COMMENCEMENT OF LAND DISTURBANCE ACTIVITIES. SUBMITTAL REQUIREMENTS INCLUDE:
  - PHASING PLAN SHOWING CUT AND FILL VOLUMES AND LOCATIONS FOR EACH PHASE AND PROJECT TOTALS.
  - EARTHWORK QUANTITY PLAN SHOWING CUT AND FILL VOLUMES AND LOCATIONS FOR EACH PHASE AND PROJECT TOTALS.
  - BMP PLAN SHOWING SPECIFIC EROSION AND SEDIMENT CONTROLS FOR EACH PHASE.

**Parker COLORADO** **CBMP** **GEN NOTES**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 4  
Oct. 2013

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

- ANY EROSION AND SEDIMENT CONTROL BMPs THAT ARE DAMAGED OR IN NEED OF MAINTENANCE OR REPLACEMENT SHALL BE CORRECTED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
- ALL DEFICIENCIES LISTED ON THE NOTICE OF NUISANCE FORM SHALL BE COMPLETED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES. ALL REQUIRED ACTIONS MUST BE IN THE CORRECTED FORM DURING THE FOLLOW-UP INSPECTION.
- THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR ENSURING THAT ALL STREETS, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, PARKING LOTS, ALLEYS, TRICKLE CHANNELS, AND/OR OTHER IMPERVIOUS SURFACES IMPACTED BY CONSTRUCTION ACTIVITIES ARE THOROUGHLY CLEANED THROUGHOUT THE DAY IF THEY BECOME SOILED. THESE AREAS MUST ALSO BE THOROUGHLY CLEAN BEFORE THE END OF THE WORK DAY.
- BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL FROM ENTERING STATE WATERS.
- ALL TRASH RECEPTACLES ON SITE SHALL BE FREE OF HOLES, CRACKS, GAPS, AND/OR OTHER PERMEABLE AREAS THAT MAY ALLOW FOR THE DISCHARGE OF POLLUTANTS.
- ALL TRASH RECEPTACLES ON SITE SHALL BE EMPTED AT A FREQUENCY AS TO ENSURE THAT THE TRASH REMAINS CONFINED TO THE RECEPTACLE.
- ALL LOOSE TRASH AND LITTER ASSOCIATED WITH THE PROJECT MUST BE REMOVED AND PROPERLY DISCARDED ON A DAILY BASIS.
- ALL PORTABLE TOILETS SHALL BE STAKED DOWN AT ALL TIMES USING U-SHAPED REBAR STAKES. THE PORTABLE TOILETS SHALL ALSO BE PLACED A MINIMUM DISTANCE OF 10 FEET FROM ALL IMPERVIOUS SURFACES, INCLUDING, BUT NOT LIMITED TO STREETS CURBS, GUTTERS, SIDEWALKS AND PARKING LOTS.
- THE EROSION CONTROL SUPERVISOR SHALL MAINTAIN STRICT ADHERENCE TO THE LIMITS OF CONSTRUCTION AND PROPERTY LIMITS FOR ALL MATERIALS, VEHICLES AND EQUIPMENT. FAILURE TO ABIDE BY THIS REQUIREMENT MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.
- 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 BMPs ARE IMPLEMENTED. SUCH ACTIVITY MAY INCLUDE, BUT NOT BE LIMITED TO RESIDENTIAL CONSTRUCTION, UTILITY CONSTRUCTION, ETC.
- NO PERMANENT SLOPES GREATER THAN 3:1 ARE ALLOWED.
- ALL PERMANENT SLOPES STEEPER THAN 4:1 (HORIZONTAL TO VERTICAL) SHALL REQUIRE EROSION CONTROL BLANKET(S). TEMPORARY SLOPES IN TEMPORARY SEDIMENT BASINS THAT ARE STEEPER THAN 4:1 MAY REQUIRE EROSION CONTROL BLANKETS.
- THE EROSION CONTROL SUPERVISOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ADVERSE IMPACTS THAT OCCUR TO NEIGHBORING PROPERTIES. THE EROSION CONTROL SUPERVISOR MUST OBTAIN PERMISSION FROM LAND OWNERS PRIOR TO ENTERING SUCH PROPERTY.
- A WATER SOURCE SHALL BE AVAILABLE ONSITE DURING CONSTRUCTION ACTIVITIES, AND UTILIZED TO MINIMIZE FUGITIVE DUST. ALTERNATIVE BMPs MAY BE REQUIRED IF INITIAL ATTEMPTS TO SUPPRESS DUST ARE UNSUCCESSFUL.

**Parker COLORADO** **CBMP** **GEN NOTES**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 4  
Oct. 2013

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

- ALL CHEMICAL OR HAZARDOUS MATERIAL SPILLS, INCLUDING CONCRETE WASHOUT WATER, WHICH MAY ENTER WATERS OF THE STATE OF COLORADO, WHICH INCLUDES BUT ARE NOT LIMITED TO SURFACE WATER, GROUND WATER, DRY GULLIES OR STORM SEWERS LEADING TO SURFACE WATER, SHALL BE IMMEDIATELY REPORTED TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE) PER 25-8-601, AND THE TOWN OF PARKER. RELEASES OF PETROLEUM PRODUCTS AND CERTAIN HAZARDOUS SUBSTANCES LISTED UNDER THE FEDERAL CLEAN WATER ACT (40 CFR PART 118) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AND THE CDPHE. SPILLS THAT POSE AN IMMEDIATE SAFETY HAZARD SHALL BE REPORTED TO 911.
- THE CLEANING OF CONCRETE TRUCKS AND EQUIPMENT IS RESTRICTED TO THE APPROVED CONCRETE WASHOUT LOCATION ON THE JOB SITE. CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO STATE WATERS OR STORM SEWER SYSTEMS.
- VEHICLE AND EQUIPMENT DEGREASING IS PROHIBITED ON THE JOB SITE.
- ALL DEWATERING ON SITE SHALL BE COORDINATED WITH THE TOWN'S INSPECTOR. A STATE PERMIT MAY BE REQUIRED FOR DEWATERING. THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR OBTAINING AND ADHERING TO ALL APPLICABLE PERMITS.
- HYDRAULIC SEEDING AND/OR HYDRAULIC MULCHING ARE ONLY ALLOWED IN AREAS UNDER TEMPORARY OR PERMANENT IRRIGATION OR FOR THE PURPOSE OF TEMPORARY SOIL STABILIZATION.
- APPLICABLE CONSTRUCTION BMPs SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL ALL LANDSCAPING HAS BEEN INSTALLED AND THE DESIRABLE VEGETATION HAS REACHED A POINT IN WHICH EROSION AND SEDIMENTATION IS NO LONGER A CONCERN AS DETERMINED BY THE TOWN'S INSPECTOR.
- GRADING SECURITY RELEASE REQUIREMENTS:
  - DEVELOPABLE PROPERTY: IN ORDER FOR THE GRADING SECURITY TO BE RELEASED, THE SITE MUST MEET ITEMS A-H OR ITEM I (BELOW).
    - ALL SOIL-DISTURBING ACTIVITIES ASSOCIATED WITH THE GRADING PERMIT HAVE PERMANENTLY CEASED.
    - UNIFORM PERENNIAL VEGETATION COVER HAS BEEN ESTABLISHED WITH AN INDIVIDUAL PLANT DENSITY OF AT LEAST SEVENTY PERCENT (70%) OF PRE-DISTURBANCE LEVELS.
    - ALL CBMPs HAVE BEEN PROPERLY REMOVED FROM THE SITE.
    - IF ANY EROSION IS PRESENT, IT IS INSIGNIFICANT AND IS NOT LEAVING THE SITE AND/OR LEADING INTO ANY ON-SITE DRAINAGE INFRASTRUCTURE THAT MAY CONVEY SURFACE WATER OFF SITE.
    - WEEDS REPRESENT NO MORE THAN FIFTY PERCENT (50%) OF THE TOTAL VEGETATION ON THE SITE.
    - NO WEEDS ARE PRESENT FROM LIST A OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
    - THE SITE IS PREDOMINANTLY FREE OF WEEDS FROM LIST B OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
    - WEEDS ARE EVENLY DISTRIBUTED THROUGHOUT THE SITE WITH NO LARGE CONCENTRATIONS PRESENT.
    - A NEW GRADING PERMIT AND REPLACEMENT SECURITY HAS BEEN SUBMITTED AND APPROVED FOR THE APPLICABLE SITE OR ASSIGNMENT AS PROVIDED BY SECTION 11.10.150 OF THE TOWN OF PARKER MUNICIPAL CODE. IT IS THE PROPERTY OWNER'S OBLIGATION AT THE TIME OF CLOSING TO ENSURE THAT THE NEW SITE OWNER HAS PROVIDED THE TOWN WITH A REPLACEMENT SECURITY.

**Parker COLORADO** **CBMP** **GEN NOTES**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 3 OF 4  
Oct. 2013

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

- NONDEVELOPABLE PROPERTY: IN ORDER FOR THE GRADING SECURITY TO BE RELEASED, THE SITE MUST MEET ITEMS A-H AND J, OR ITEMS I AND J (BELOW).
  - ALL SOIL-DISTURBING ACTIVITIES ASSOCIATED WITH THE GRADING PERMIT HAVE PERMANENTLY CEASED.
  - ALL CBMPs HAVE BEEN PROPERLY REMOVED FROM THE SITE.
  - EROSION IS NEGLIGIBLE, IF EVEN PRESENT.
  - THE VEGETATION REPRESENTS A PERENNIAL STAND OF A DENSE, UNIFORM SURFACE OF GRASS WITH NO AREA GREATER THAN ONE (1) SQUARE FOOT THAT IS BARREN OF DESIRABLE VEGETATION. INFREQUENT, WIDELY SCATTERED AREAS WHERE NATIVE VEGETATION HAS NOT YET TAKEN HOLD MAY QUALIFY FOR ACCEPTANCE AT THE DISCRETION OF THE TOWN.
  - WEEDS REPRESENT NO MORE THAN TEN PERCENT (10%) OF THE TOTAL VEGETATION ON SITE.
  - NO WEEDS ARE PRESENT FROM LIST A OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
  - THE SITE IS PREDOMINANTLY FREE OF WEEDS FROM LIST B OF THE COLORADO NOXIOUS WEED LIST, AS AMENDED.
  - WEEDS ARE EVENLY DISTRIBUTED THROUGHOUT THE SITE WITH NO LARGE CONCENTRATIONS PRESENT.
  - A NEW GRADING PERMIT AND REPLACEMENT SECURITY HAS BEEN SUBMITTED AND APPROVED FOR THE APPLICABLE SITE OR THE GRADING PERMIT HAS BEEN ASSIGNED AS PROVIDED BY SECTION 11.10.150 OF THE TOWN OF PARKER MUNICIPAL CODE. IT IS THE PROPERTY OWNER'S OBLIGATION, AT THE TIME OF CLOSING ON THE SALE OF A SITE THAT IS SUBJECT TO A GRADING PERMIT, TO ENSURE THAT THE NEW PROPERTY OWNER HAS PROVIDED THE TOWN WITH A REPLACEMENT SECURITY.
  - ALL KNOWN DRAINAGE ISSUES ASSOCIATED WITH THE PROJECT HAVE BEEN MITIGATED AND A SUFFICIENT AMOUNT OF TIME HAS PASSED TO ENSURE THAT SUCH ISSUES HAVE BEEN CORRECTED. THIS REQUIREMENT DOES NOT INCLUDE THOSE DRAINAGE ISSUES ORIGINATING ON RESIDENTIAL LOTS.

(D) NOXIOUS WEEDS MUST BE CONTROLLED AS PROVIDED UNDER STATE LAW AND SECTION 6.01.260 OF THE TOWN OF PARKER MUNICIPAL CODE. FAILURE TO CONTROL NOXIOUS WEEDS ON THE SITE MAY CONSTITUTE A NUISANCE, SUBJECT TO THE PENALTIES CONTAINED IN THE CODE.

**DEFINITIONS:**  
DEVELOPABLE PROPERTY MEANS ANY LAND THAT HAS BEEN GRADED AND IS PART OF A PLATTED LOT OR PLATTED TRACT OF RECORD THAT WAS PLATTED FOR FUTURE DEVELOPMENT, INCLUDING RESIDENTIAL HOME CONSTRUCTION OR PUBLIC IMPROVEMENTS.  
NONDEVELOPABLE PROPERTY MEANS LAND THAT HAS BEEN GRADED AND WILL NOT BE FURTHER DISTURBED AS PART OF ANY FUTURE DEVELOPMENT. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO: PARKS, OPEN SPACE, HOMEOWNER ASSOCIATION OR BUSINESS ASSOCIATION PLATTED TRACTS, DETENTION PONDS AND DRAINAGEWAYS.
- FAILURE TO COMPLY WITH ANY OF THE REQUIREMENTS DESCRIBED IN THIS SECTION MAY RESULT IN THE ISSUANCE OF: A NOTICE OF INTENT TO ISSUE A STOP WORK ORDER, A STOP WORK ORDER AND/OR THE REMEDIES/PENALTIES DESCRIBED IN CHAPTER 11.10 OF THE TOWN OF PARKER MUNICIPAL CODE.
- ANY PERSON CONVICTED OF VIOLATING ANY PROVISION OF THE TOWN OF PARKER, GRADING & EARTH MOVEMENT SECTION OF THE MUNICIPAL CODE SHALL BE GUILTY OF A MISDEMEANOR AND, UPON CONVICTION, BE PUNISHED BY A FINE OF NOT MORE THAN FOUR HUNDRED NINETY NINE DOLLARS (\$499.00) FOR EACH SEPARATE OFFENSE. EACH DAY A VIOLATION CONTINUES SHALL CONSTITUTE A SEPARATE OFFENSE. THE TOWN ALSO MAY SEEK IN MUNICIPAL COURT AN INJUNCTION, ABATEMENT, RESTITUTION OR ANY OTHER REMEDY TO PREVENT, ENJOIN, ABATE OR REMOVE THE VIOLATION. A PERSON CONVICTED OF VIOLATING CHAPTER 11.10 OF THE TOWN OF PARKER MUNICIPAL CODE SHALL BE LIABLE FOR THE ACTUAL COST OF REHABILITATING THE PROPERTY. THE COSTS MAY BE RECOVERED AS RESTITUTION IN MUNICIPAL COURT PROCEEDINGS OR IN A SEPARATE CIVIL ACTION.
- THE TOWN OF PARKER RESERVES THE RIGHT TO ALLOW MODIFICATIONS AND SUBSTITUTIONS TO THE CBMP NOTES AND DETAILS WHEN SUCH MODIFICATIONS AND SUBSTITUTIONS OFFER THE SAME LEVEL OF PROTECTION AS THE STANDARD REQUIREMENTS BASED UPON THE SPECIFIC SITUATION, AS DETERMINED BY TOWN STAFF. DUE TO THE INSIGNIFICANCE AND REGULARITY OF SUCH MODIFICATIONS AND SUBSTITUTIONS, THE APPROVAL OF SUCH VARIATIONS MAY NOT BE DOCUMENTED BY TOWN STAFF.

**Parker COLORADO** **CBMP** **GEN NOTES**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 4 OF 4  
Oct. 2013

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

- |  |       |  |
|--|-------|--|
|  | CD    | CHECK DAM  |
|  | CF    | CONSTRUCTION FENCE                               |
|  | CP    | CULVERT PROTECTION                               |
|  | CWA   | CONCRETE WASHOUT AREA                            |
|  | D     | DEWATERING                                       |
|  | DD    | DIVERSION DITCH                                  |
|  | DP    | DETENTION POND PROTECTION                        |
|  | DTC   | DEBRIS TRASH CONTROL                             |
|  | ECB   | EROSION CONTROL BLANKET                          |
|  | IPAN  | INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT |
|  | IPAP  | INLET PROTECTION FOR AREA INLETS IN PAVEMENT     |
|  | IPCOG | INLET PROTECTION, CURB ON-GRADE, TYPE R INLET    |
|  | IPCOS | INLET PROTECTION, CURB ON SUMP, TYPE R INLET     |

**Parker COLORADO** **CBMP** **LEGEND**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 3  
Oct. 2013

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

- |  |      |                                |
|--|------|--------------------------------|
|  | LP   | LOT PROTECTION                 |
|  | MWP  | MASONRY WORK PROTECTION        |
|  | PTP  | PORTABLE TOILET PROTECTION     |
|  | RCSC | ROUGH CUT STREET CONTROL       |
|  | RS   | ROCK SOCK                      |
|  | RSS  | ROCK SOCK IN SWALE             |
|  | SB   | STRAW BALE                     |
|  | SCL  | SEDIMENT CONTROL LOGS          |
|  | SF   | SILT FENCE                     |
|  | SMC  | SEEDING, MULCHING AND CRIMPING |
|  | SR   | SURFACE ROUGHING               |
|  | SSA  | STABILIZED STAGING AREA        |
|  | STP  | SIDEWALK TRANSITION PROTECTION |

**Parker COLORADO** **CBMP** **LEGEND**  
CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 3  
Oct. 2013




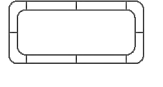
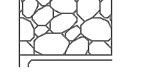
REV	REVISION DESCRIPTION	DATE	CHKD	CHKD	APPR

**COMPARK VILLAGE SOUTH**  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
CBMP DETAILS

JOB NUMBER	65120350
DATE	2/25/2022
SHEET	CS-1
TITLE	ISSUED FOR REVIEW
FOR AND ON BEHALF OF MERRICK & COMPANY	
14	

THE USE OF ANY CHECK DAM, SEDIMENT BASIN, OR OTHER EROSION CONTROL DEVICE IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY FOR A SPECIFIC PROJECT. IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE OR PART OR IN ENTIRETY OF THE PROJECT OR ON ANY OTHER PROJECT. REUSE OR MODIFICATION OF ANY INSTRUMENT WITHOUT A WRITTEN INSTRUMENT WITHOUT THE WRITTEN PERMISSION OF MERRICK AND COMPANY SHALL BE AT THE USER'S RISK. THE USER ASSUMES ALL LIABILITY FOR ANY SUCH REUSE OR MODIFICATION.

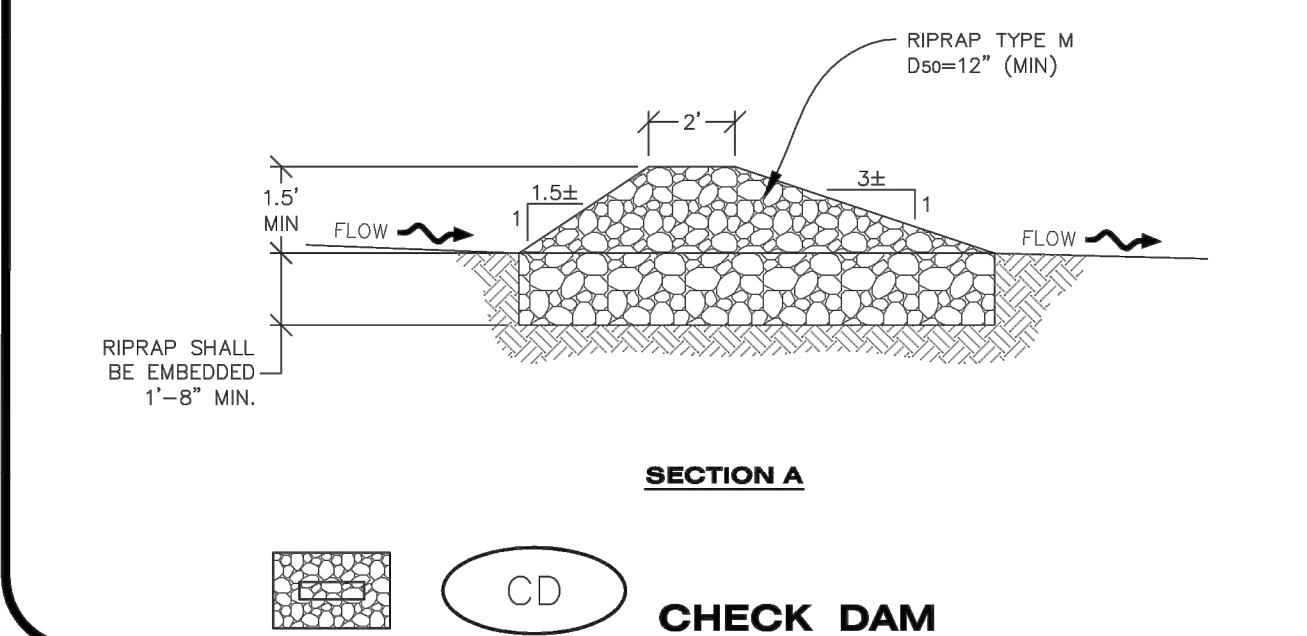
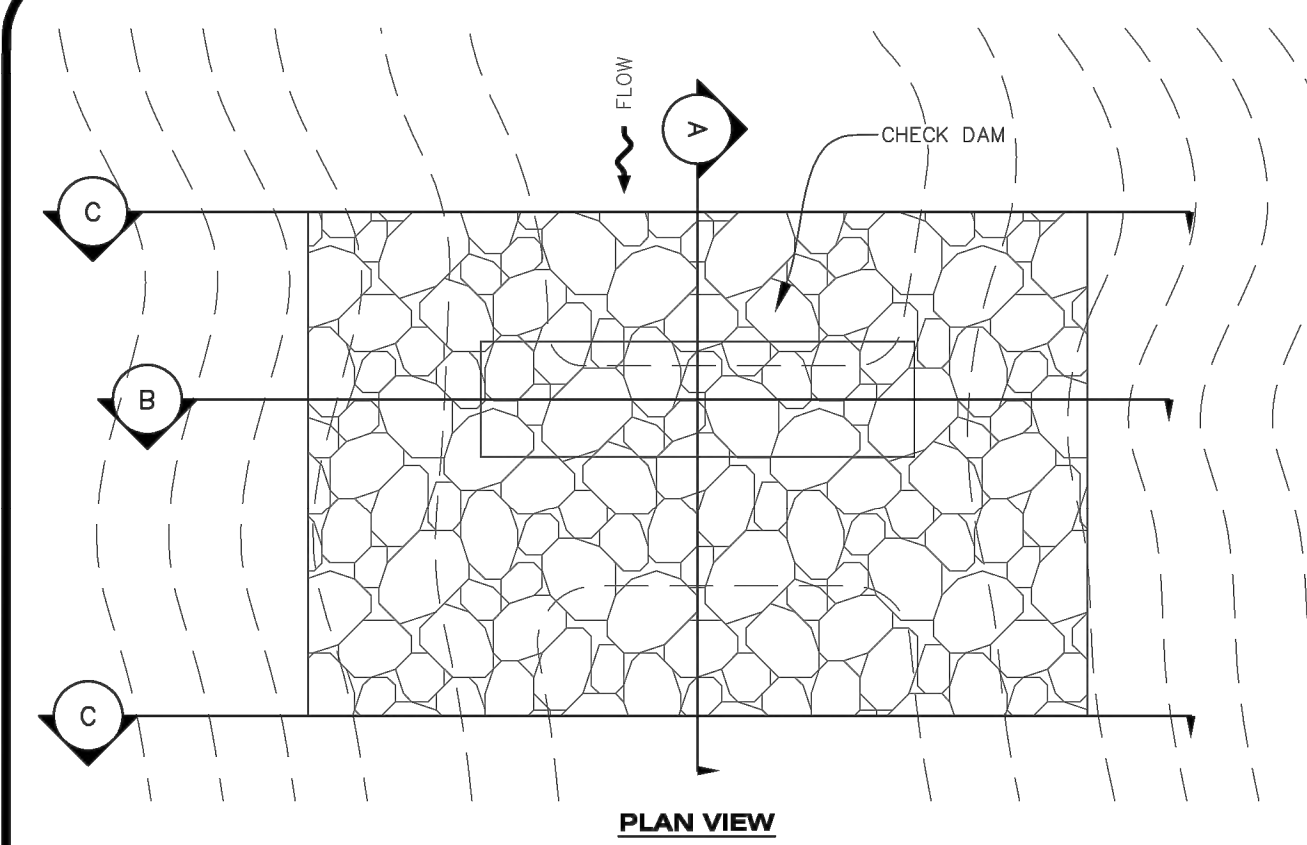
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

-  **TI** TEMPORARY IRRIGATION
-  **TSB** TEMPORARY SEDIMENT BASIN
-  **VTC** VEHICLE TRACKING CONTROL


**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**LEGEND**  
 3 OF 3  
 Oct. 2013

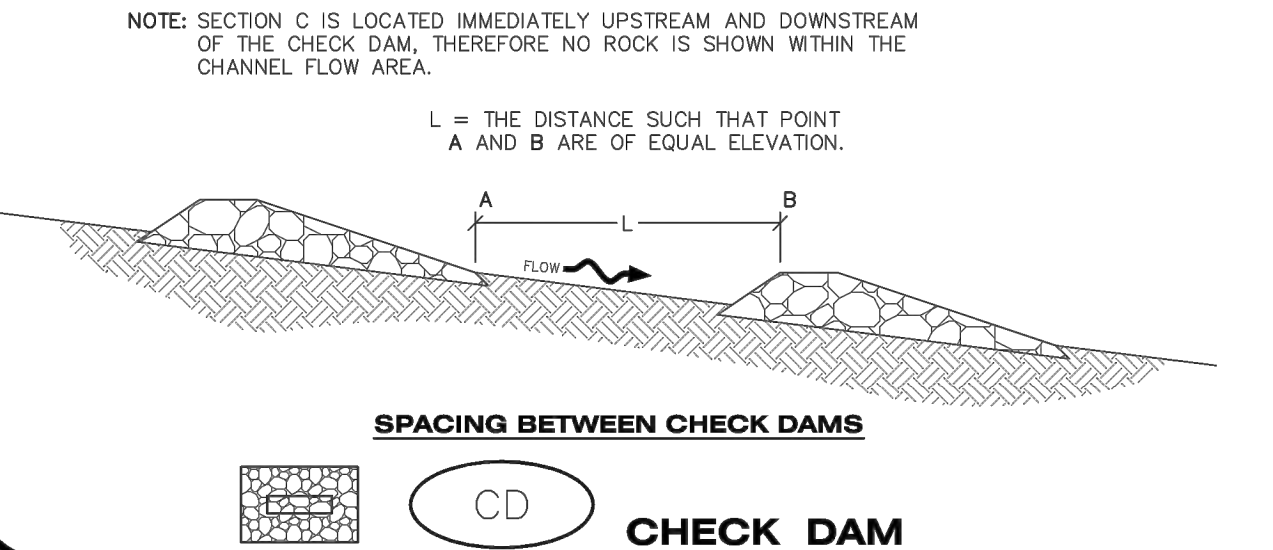
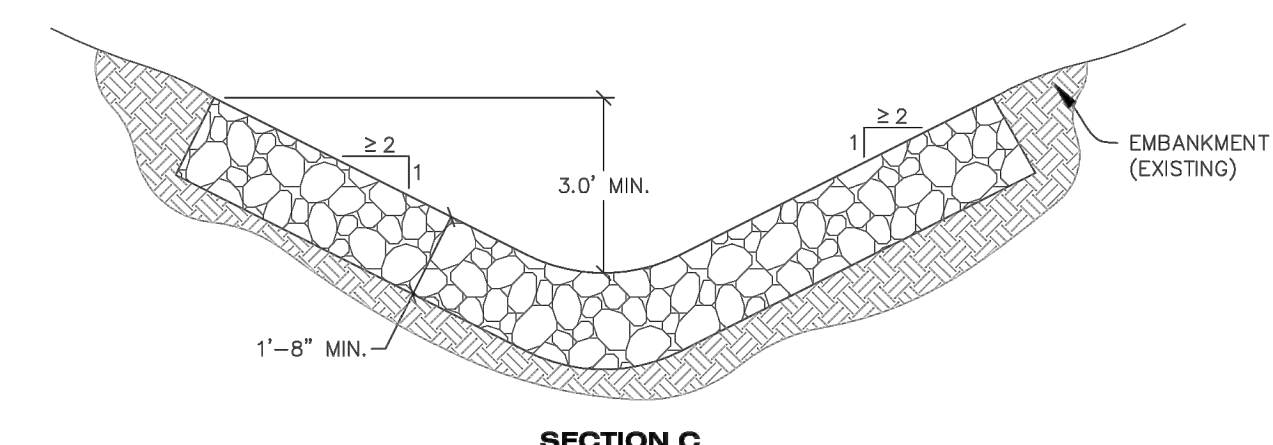
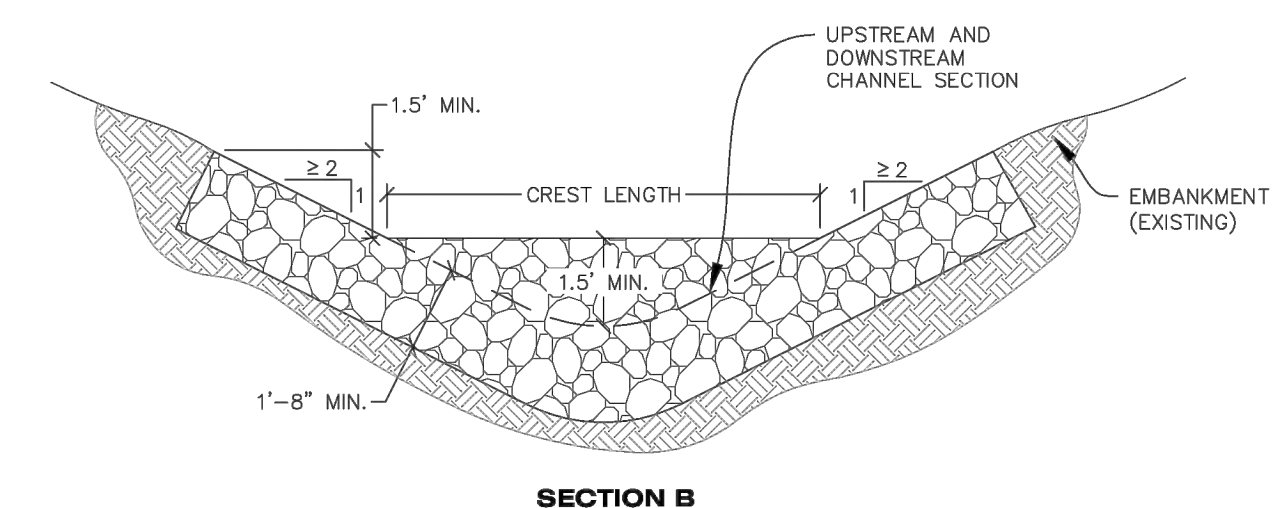
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**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**CD**  
 1 OF 3  
 Oct. 2013

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**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**CD**  
 2 OF 3  
 Oct. 2013

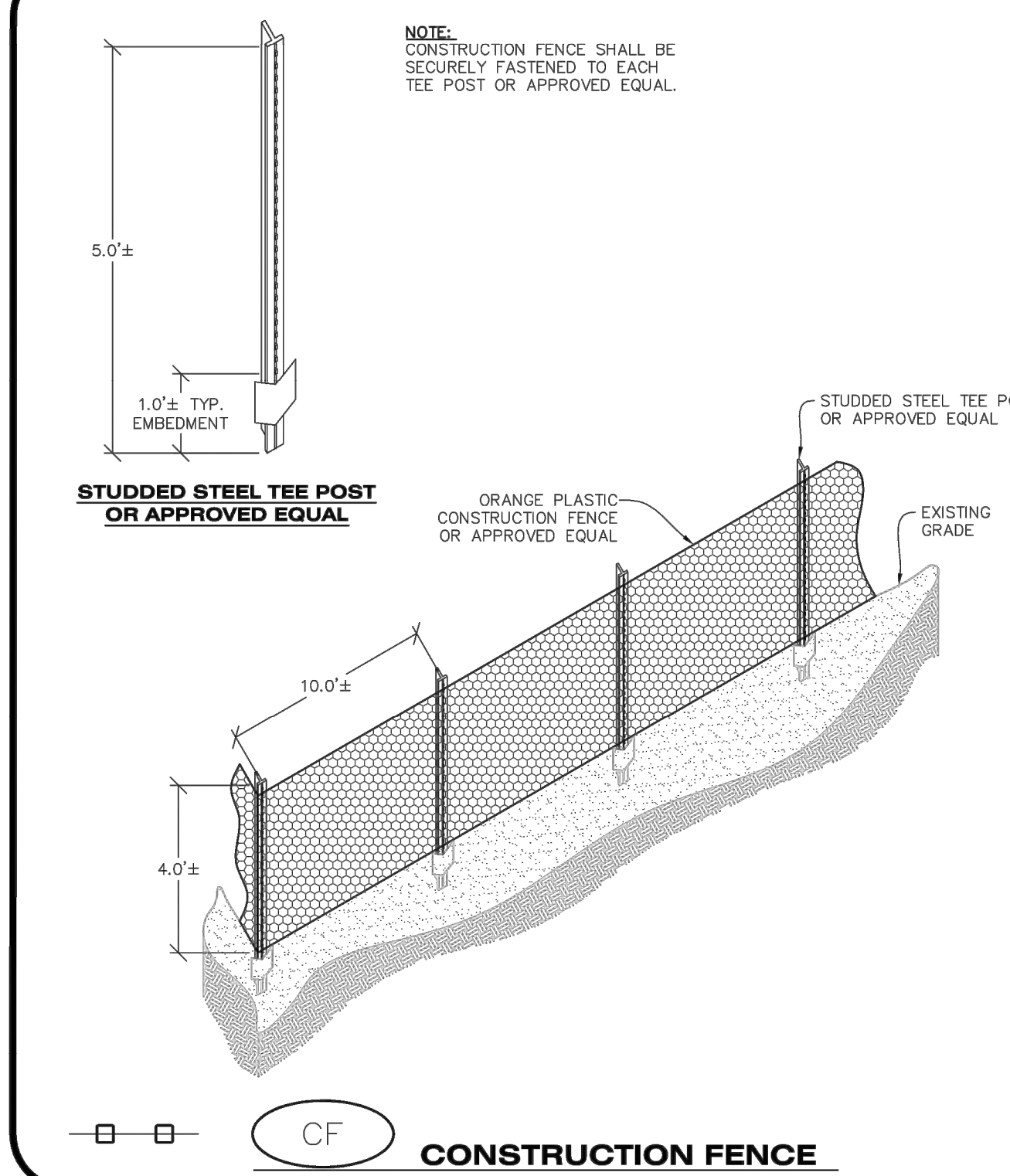
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

- CHECK DAM INSTALLATION NOTES**
- SEE PLAN VIEW FOR LOCATION(S) OF CHECK DAMS.
  - CHECK DAMS SHOWN ON CBMP PLAN SHALL BE INSTALLED WHEN DIRECTED BY THE TOWN'S INSPECTOR.
  - RIPRAP UTILIZED FOR CHECK DAMS SHALL HAVE A D50 MEDIAN STONE SIZE OF 12".
  - RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'-8".
  - THE MAXIMUM SPACING BETWEEN CHECK DAMS SHOULD BE SUCH THAT THE BOTTOM OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM AS SHOWN IN THE DETAIL.
- CHECK DAM INSPECTION AND MAINTENANCE NOTES**
- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CHECK DAMS.
  - ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE CREST OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
  - CHECK DAMS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
  - WHEN CHECK DAMS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED TOPSOIL AND ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CHECK DAMS BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
  - IN SOME INSTANCES, CHECK DAMS MAY REMAIN IN PLACE PERMANENTLY.


**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**CD**  
 3 OF 3  
 Oct. 2013

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**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**CF**  
 1 OF 2  
 Oct. 2013

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

- CONSTRUCTION FENCE INSTALLATION NOTES**
- THE CONSTRUCTION FENCE SHALL BE SECURELY FASTENED TO EACH POST OR APPROVED EQUAL.
- CONSTRUCTION FENCE INSPECTION AND MAINTENANCE NOTES**
- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONSTRUCTION FENCE AND MAKE ANY NECESSARY REPAIRS.
  - CONSTRUCTION FENCE SHALL BE REPAIRED WHEN THE FENCING MATERIAL FALLS OUT OF COMPLIANCE WITH THE NOTES AND DETAILS.

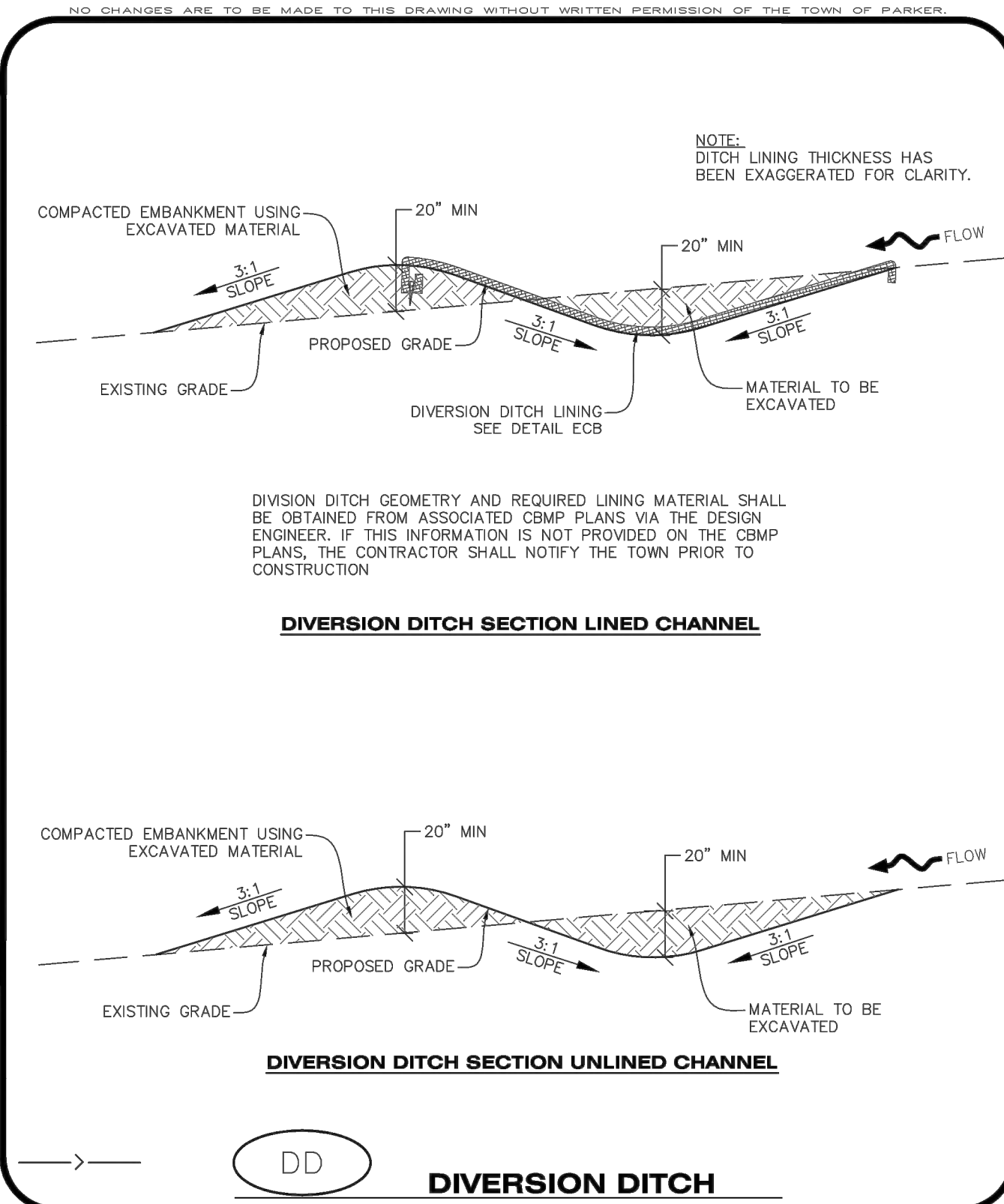

**CBMP**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES

**CF**  
 2 OF 2  
 Oct. 2013

REV	REVISION DESCRIPTION	DATE	CHKD	CHKD	APPR

TITLE  
 ISSUED FOR REVIEW  
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**CBMP**
DD  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2  
Oct. 2013

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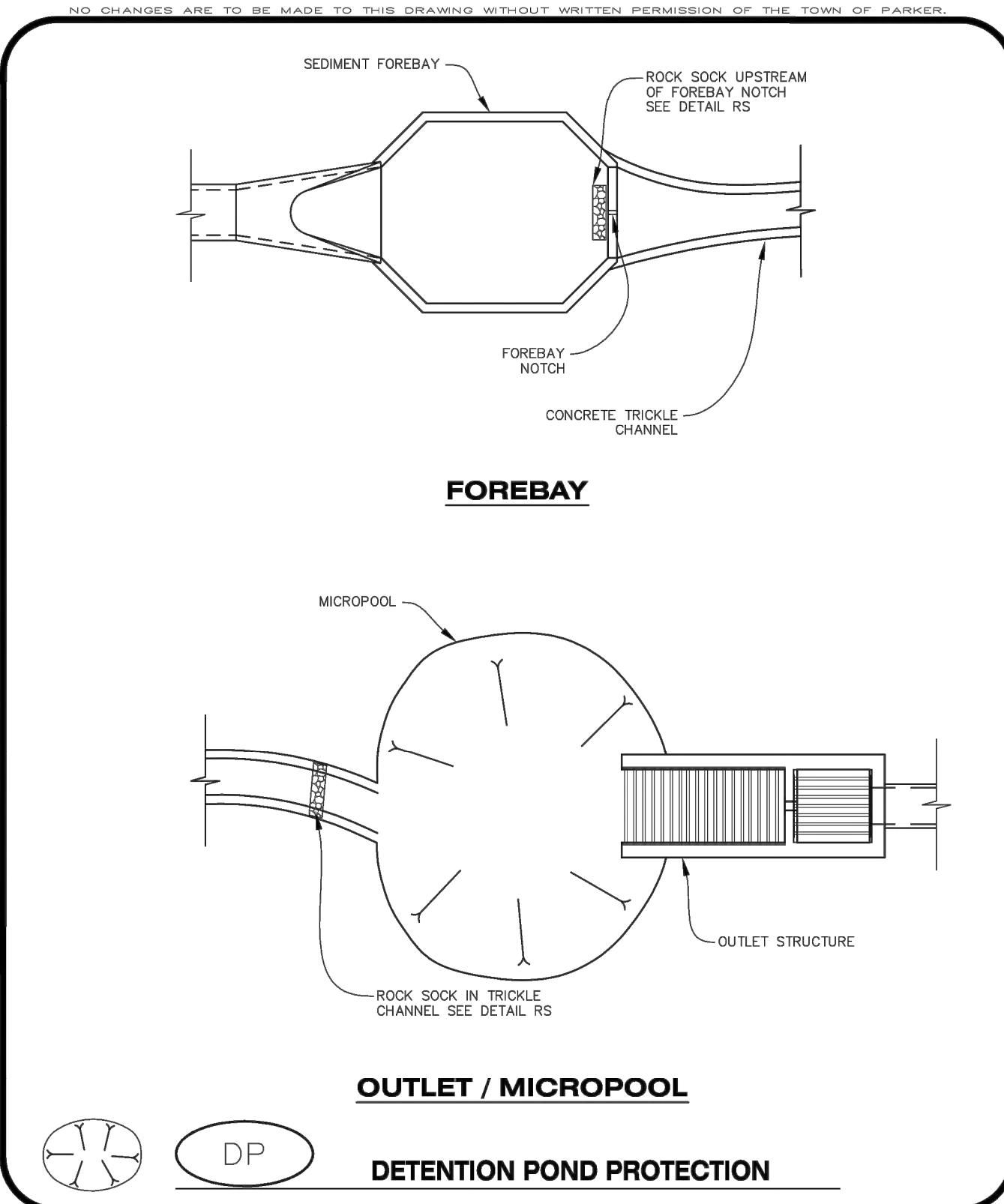
**DIVERSION DITCH INSTALLATION NOTES**

- SEE THE PLAN VIEW FOR THE LOCATION(S) OF THE DIVERSION DITCHES.
- A PLASTIC LINER, RIPRAP, OR EROSION CONTROL BLANKET MAY BE NECESSARY TO PROTECT THE DIVERSION DITCH. THE REQUIRED LINING MATERIAL SHALL BE OBTAINED FROM THE CBMP PLANS VIA THE DESIGN ENGINEER.
- ALL MATERIAL EXCAVATED FROM THE DITCH MAY BE USED TO CONSTRUCT THE BERM ON THE DOWNHILL SIDE OF THE DITCH.
- THE DIVERSION DITCH SHALL BE A MINIMUM OF 20" DEEP WITH APPROX. 3:1 SIDE SLOPES. THE ADJACENT BERM SHALL BE A MINIMUM OF 20" IN HEIGHT WITH APPROX. 3:1 SIDE SLOPES. ALL EMBANKMENTS SHALL BE FIRMLY COMPACTED.
- THE DISCHARGE FROM THE DIVERSION DITCH SHALL BE DIRECTED TOWARDS AN APPROPRIATELY SIZED TEMPORARY SEDIMENT BASIN OR OTHER APPROVED AREA.

**DIVERSION DITCH INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE DIVERSION DITCH.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 (10") THE CREST HEIGHT.
- DIVERSION DITCHES SHALL BE RE-GRADED FOLLOWING THE SIGNS OF MODERATE OR MORE SOIL EROSION OR ANY DAMAGE.
- DIVERSION DITCHES ARE TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR. ALTERNATIVELY, THE DIVERSION DITCHES MAY BE REMOVED WHEN THE SITE'S TOPOGRAPHY CHANGES SUCH THAT SIGNIFICANT RUNOFF IS NO LONGER POSSIBLE. IN SOME INSTANCES, THE DIVERSION DITCHES MAY REMAIN IN PLACE PERMANENTLY.

**CBMP**
DD  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013



**CBMP**
DP  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2  
Oct. 2013

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

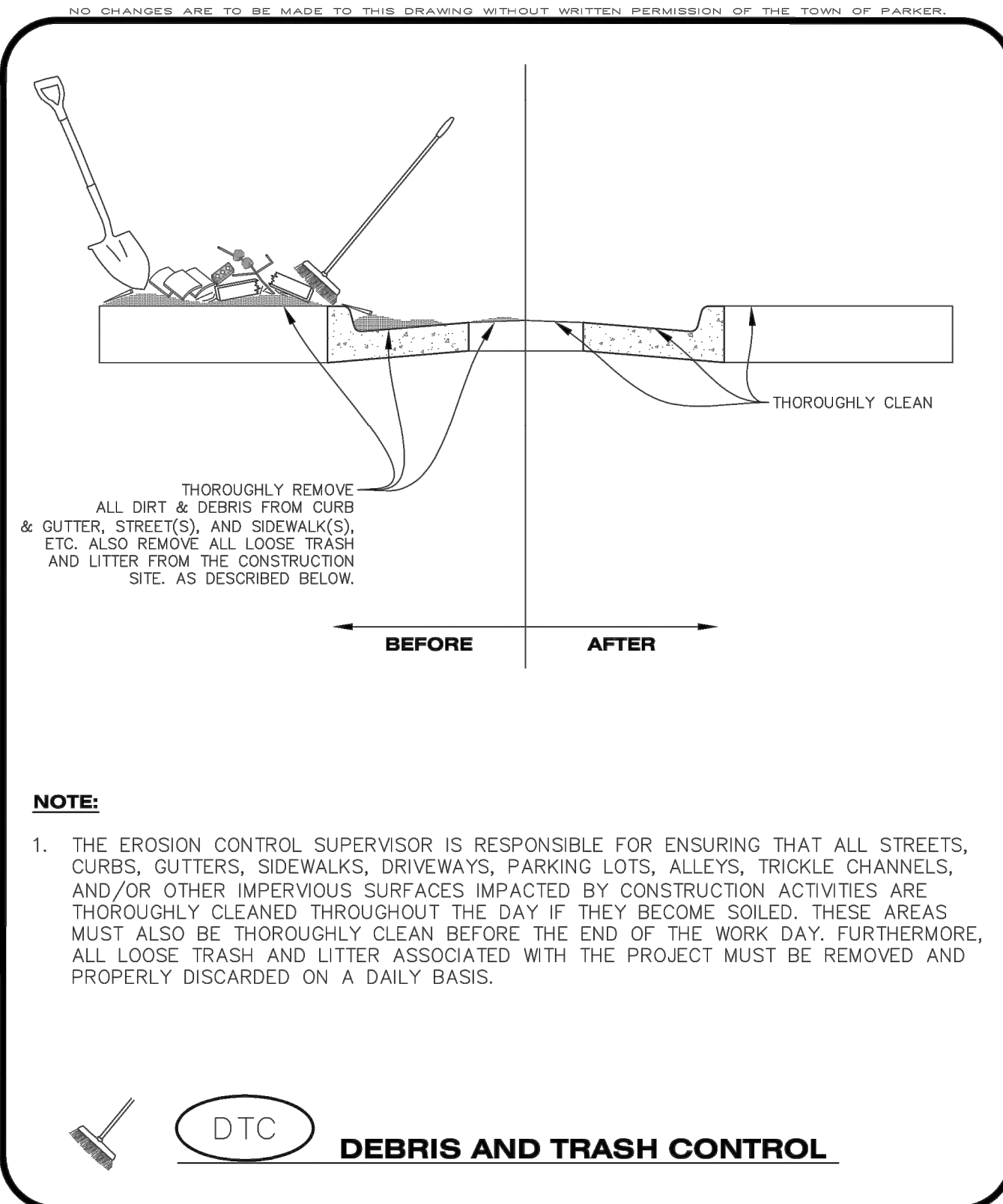
**DETENTION POND PROTECTION INSTALLATION NOTES**

- DETENTION POND PROTECTION SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE CONSTRUCTION OF THE TRICKLE CHANNEL AND FOREBAY.
- CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
- ROCK SOCK FOR OUTLET STRUCTURE AND FOREBAY PROTECTION SHALL BE ONE CONTINUOUS PIECE (SEE DETAIL RS).

**DETENTION POND PROTECTION INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE OUTLET STRUCTURE PROTECTION.
- ACCUMULATED SEDIMENT SHALL BE REMOVED IMMEDIATELY.
- OUTLET STRUCTURE PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

**CBMP**
DP  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013



**CBMP**
DTC  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2  
Oct. 2013

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

**DEBRIS CONTROL NOTES:**

- A COMBINATION OF SURFACE SCRAPING AND SWEEPING MAY BE NECESSARY TO PROPERLY CLEAN THESE AREAS.
- ALL CHEMICAL SPILLS AND/OR STAINS ON THE SITE SHALL BE CLEANED TO THE MAXIMUM EXTENT PRACTICABLE. IN SOME CASES IT MAY BE NECESSARY TO USE PRESSURIZED WATER AND A VAC-TRUCK.
- ON-SITE PERSONNEL, DELIVERY DRIVERS, ETC., SHOULD BE EDUCATED ON THE NEED FOR CONTINUAL DEBRIS AND TRASH CONTROL.

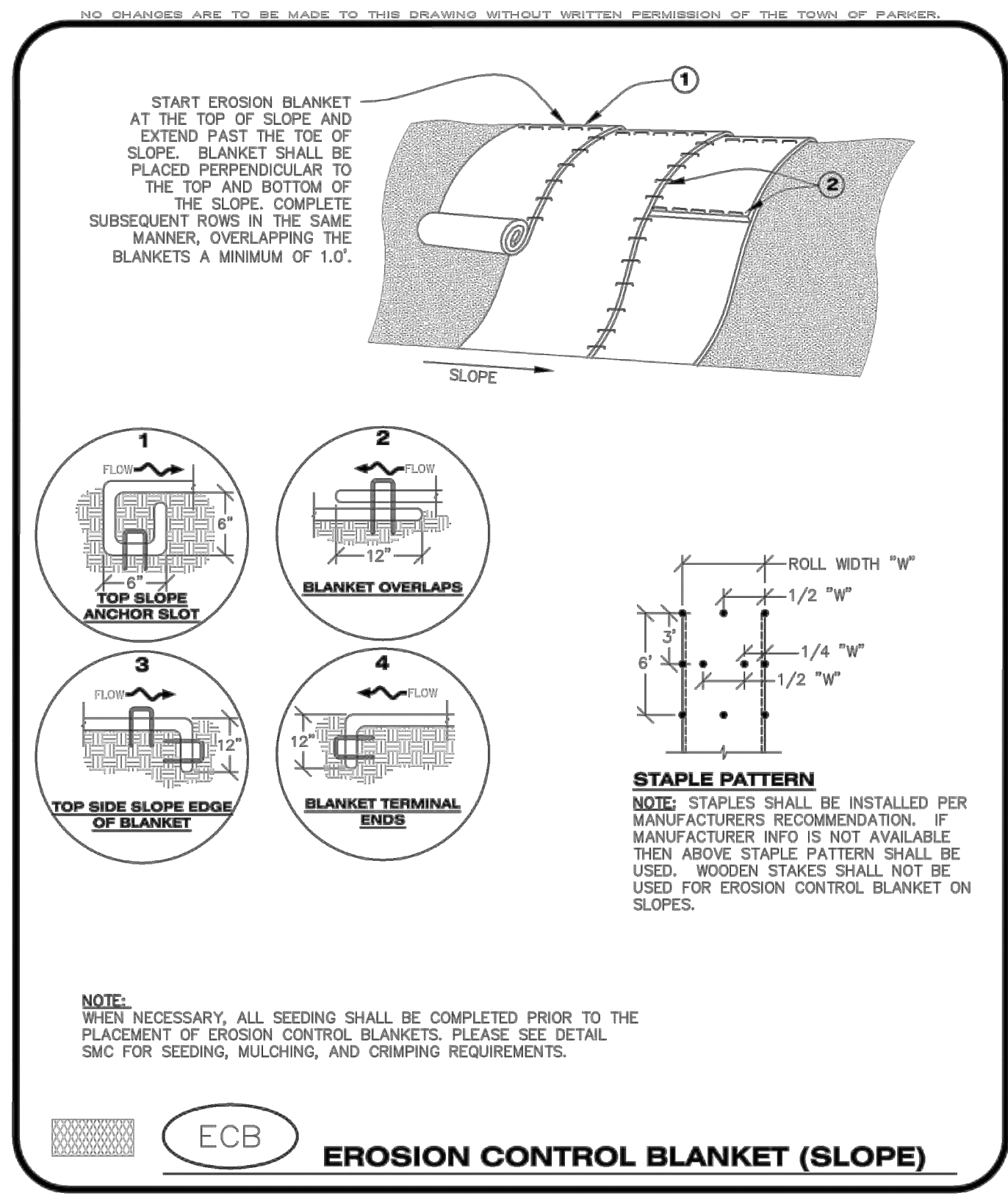
**CBMP**
DTC  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013

REV	REVISION DESCRIPTION	DATE	BY	CHKD	APPD

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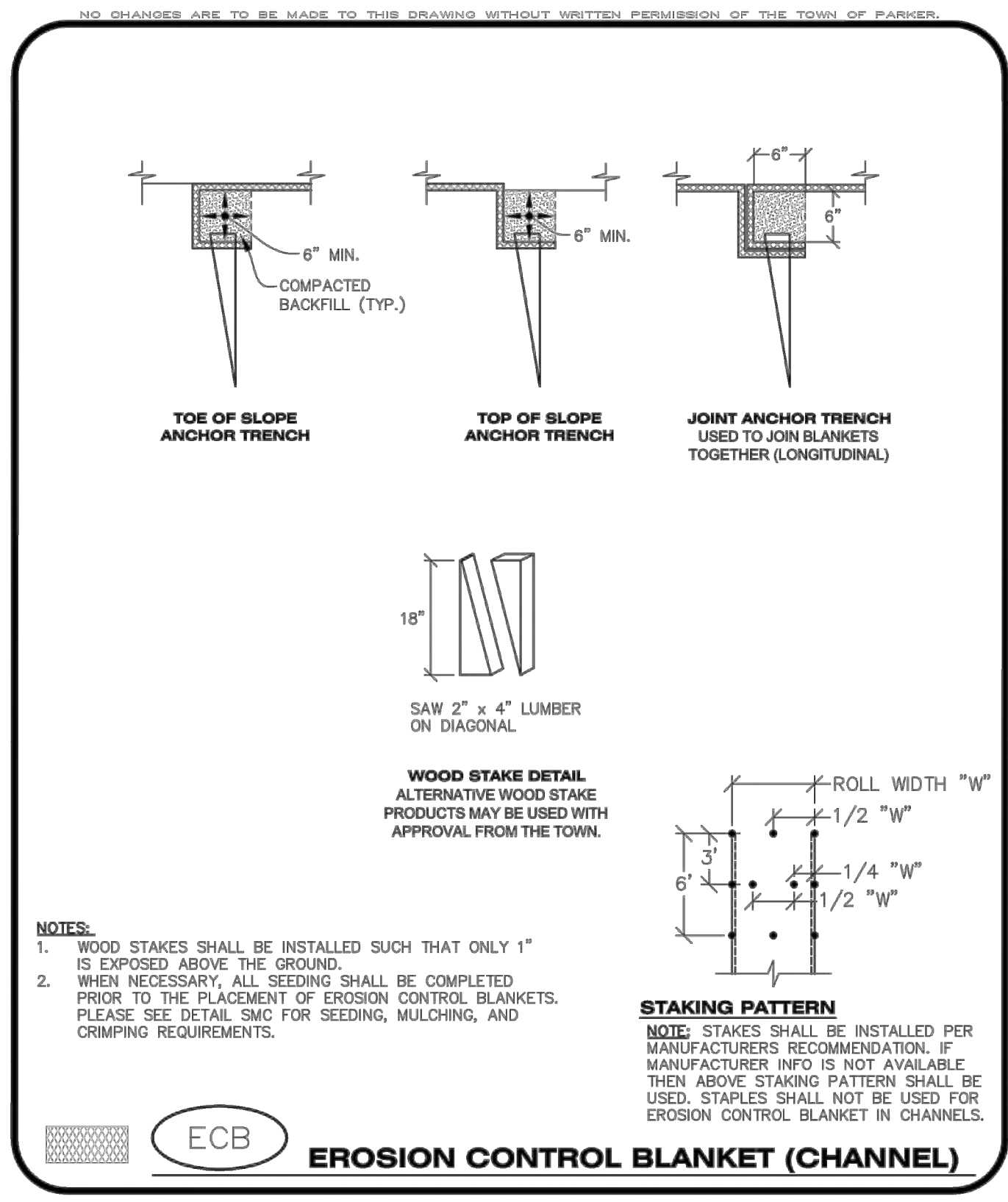


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**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**ECB**  
1 OF 3  
Oct. 2013



**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**ECB**  
2 OF 3  
Oct. 2013

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

**EROSION CONTROL BLANKET INSTALLATION NOTES**

- SEE THE PLAN VIEW FOR THE LOCATION(S) OF THE EROSION CONTROL BLANKETS.
- EROSION CONTROL BLANKETS USED FOR CHANNEL PROTECTION SHALL BE PROPERLY SELECTED BY THE DESIGN ENGINEER BASED ON CURRENT AND FUTURE FLOW RATES WITHIN THE CHANNEL. BASED ON THESE CALCULATIONS, TURF REINFORCEMENT MATTING OR RIPRAP MAY BE NECESSARY IN LIEU OF EROSION CONTROL BLANKETS.
- IMMEDIATELY PRIOR TO BLANKET INSTALLATION, SOIL SURFACE SHALL BE SMOOTH, AND FREE OF ANY GAPS, VOIDS, WEEDS, ROCKS, STICKS, OR OTHER MISCELLANEOUS DEBRIS.
- EROSION CONTROL BLANKET SHALL THEN BE INSTALLED ACCORDING TO THE DETAILED DRAWINGS.
- ANY DAMAGED OR REMAINING STAPLES OR STAKES SHALL BE REMOVED FROM THE SITE.
- ALL EROSION CONTROL BLANKETS FOR SLOPE PROTECTION INSTALLED IN THE TOWN SHALL BE DOUBLE NET, STRAW OR EXCELSIOR.

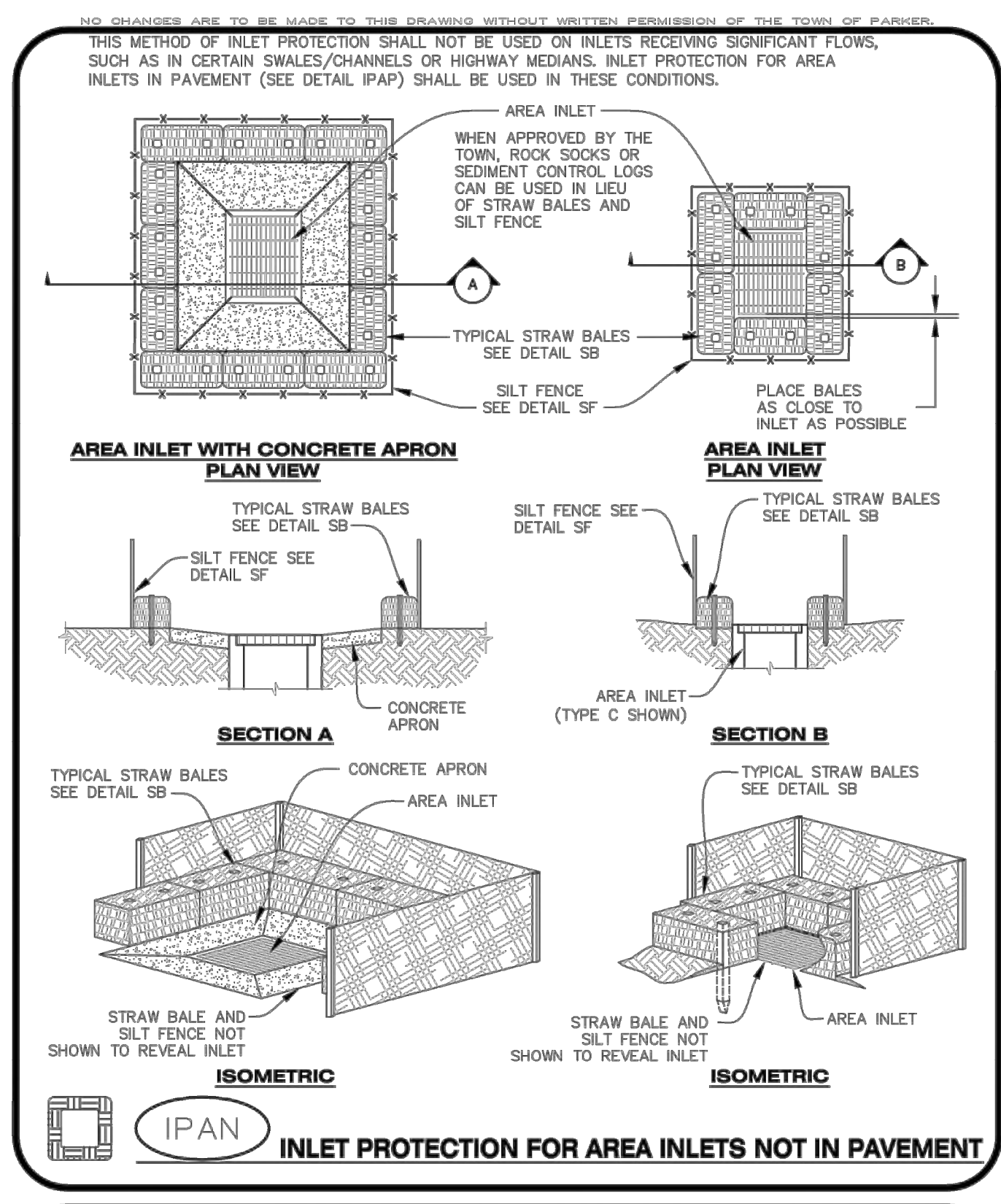
MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	S150
APPROVED EQUAL	APPROVED EQUAL

**EROSION CONTROL BLANKET MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE EROSION CONTROL BLANKETS AND MAKE ANY NECESSARY REPAIRS.

**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**ECB**  
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**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**IPAN**  
1 OF 1  
Oct. 2013

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**AREA INLET PROTECTION INSTALLATION NOTES**

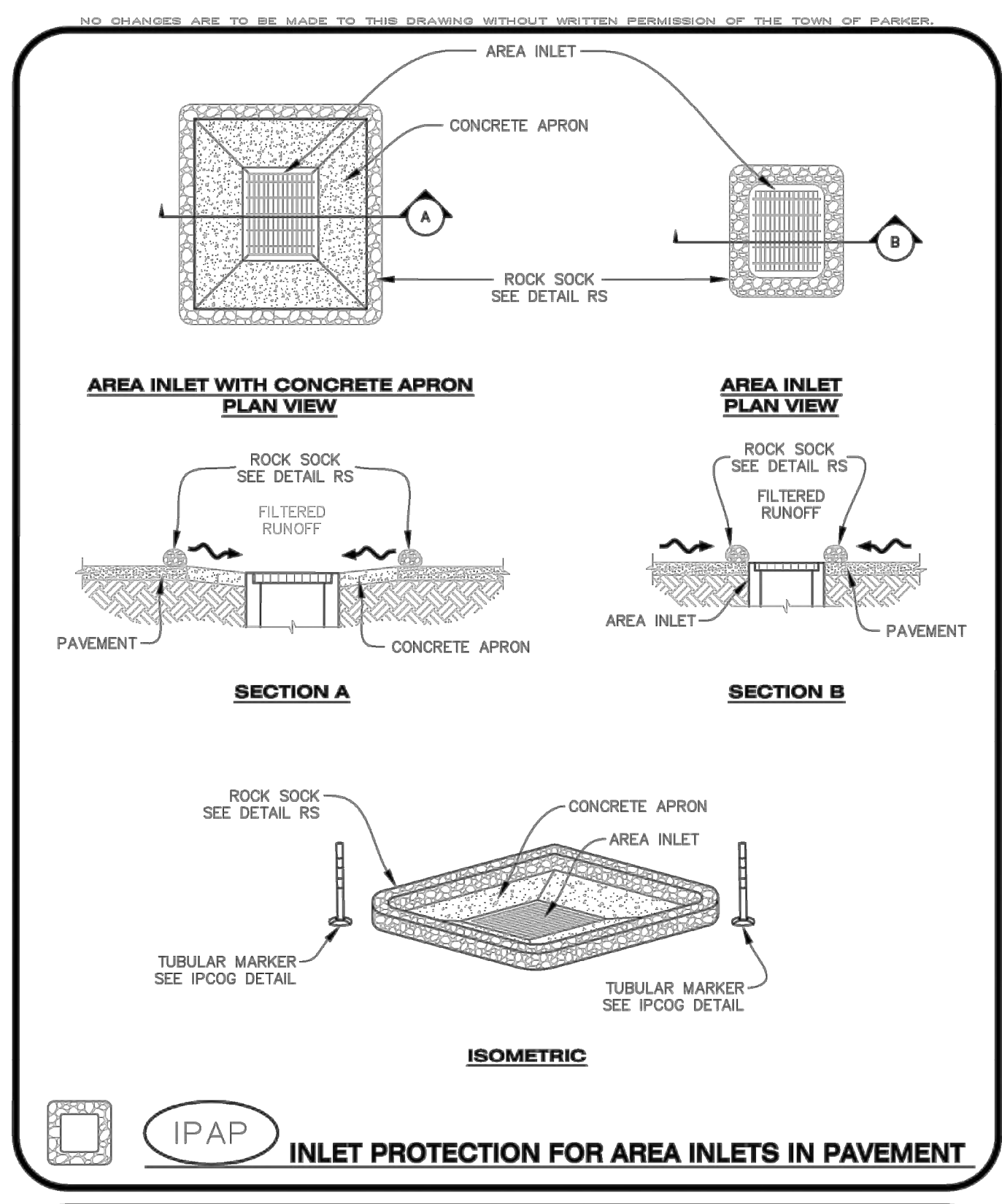
- SEE PLAN VIEW FOR LOCATION(S) OF AREA INLET PROTECTION.
- THE AREA INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF NEW INLETS. AN INTERIM STYLE OF INLET PROTECTION MAY BE ALLOWED UNTIL THE INSTALLATION OF THE GUTTER AND/OR PAVEMENT.

**AREA INLET PROTECTION INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE AREA INLET PROTECTION.
- AREA INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- WHEN THE AREA INLET PROTECTION IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE AREA INLET PROTECTION MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.

**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**IPA**  
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Oct. 2013



**CBMP**  
CONSTRUCTION BEST MANAGEMENT PRACTICES

**IPAP**  
1 OF 1  
Oct. 2013

NO.	DATE	DESCRIPTION	BY	CHKD	APPR

TITLE  
DATE  
JOB NUMBER  
DATE  
SHEET

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**EROSION CONTROL BLANKET FOR LOT PROTECTION INSTALLATION NOTES**

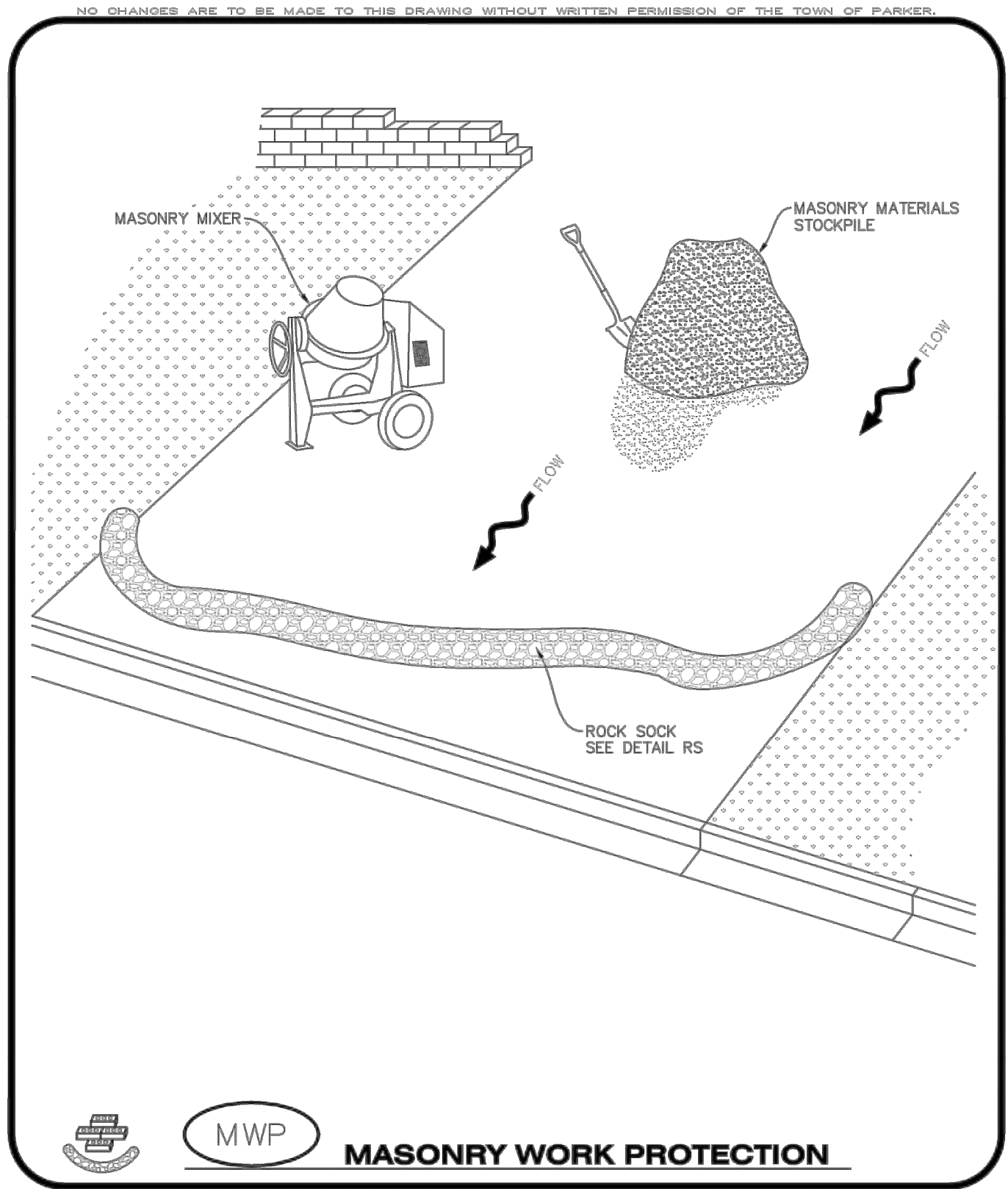
- ALL EROSION CONTROL BLANKETS FOR LOT PROTECTION INSTALLED IN THE TOWN SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
 

MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	S150 BN
APPROVED EQUAL	APPROVED EQUAL
- ALL EROSION CONTROL BLANKETS FOR LOT PROTECTION SHALL BE INSTALLED ACCORDING TO THE DETAIL DRAWINGS, WITH THE FOLLOWING ALLOWANCES AND ADDITIONS:
  - THE TOWN WILL ALLOW THE USE OF BIODEGRADABLE, EROSION CONTROL BLANKET-SPECIFIC STAPLES, IN LIEU OF TRADITIONAL METAL STAPLES.
  - ALL EROSION CONTROL BLANKET EDGES (SIDES AND ENDS) MUST OVERLAP THE ADJACENT BLANKET BY A MINIMUM OF 6-INCHES WITH THE UP-GRADE EDGES BEING PLACED ON TOP OF THE DOWN-GRADE EDGE OF THE ADJACENT BLANKET.
  - THE EDGES (SIDES AND ENDS) OF THE EROSION CONTROL BLANKETS DO NOT NEED TO BE TRENCHED INTO THE GROUND ASSUMING THE SITE CONDITIONS WILL NOT CAUSE EROSION BENEATH THE BLANKETS. THESE ASSUMPTIONS WILL BE THE RESPONSIBILITY OF THE EROSION CONTROL SUPERVISOR. ON OCCASION, THE TOWN'S INSPECTOR MAY REQUEST TRENCHING BASED UPON SITE CONDITIONS.
  - TOPSOIL PLACEMENT, SEEDING, AND MULCHING WILL NOT BE REQUIRED ON THE LOTS PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET.
- ANY DAMAGED OR EXCESS STAPLES SHALL BE REMOVED FROM THE SITE FOLLOWING INSTALLATION.
- THE EROSION CONTROL BLANKETING REQUIRED AS PART OF THE LOT PROTECTION (LP) REQUIREMENT MUST BE INSTALLED OVER ALL UN-LANDSCAPED AREAS WITHIN EACH RESIDENTIAL, MULTI-FAMILY, AND COMMERCIAL LOT PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY / TEMPORARY CERTIFICATE OF OCCUPANCY.

**EROSION CONTROL BLANKET FOR LOT PROTECTION MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE EROSION CONTROL BLANKET FOR LOT PROTECTION.
- EROSION CONTROL BLANKETS FOR LOT PROTECTION ARE INTENDED TO REMAIN IN PLACE AND MAINTAINED UNTIL LANDSCAPING IS INSTALLED.

**Parker COLORADO** | **CBMP** | LP  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2  
Oct. 2013



**Parker COLORADO** | **CBMP** | MWP  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2  
Oct. 2013

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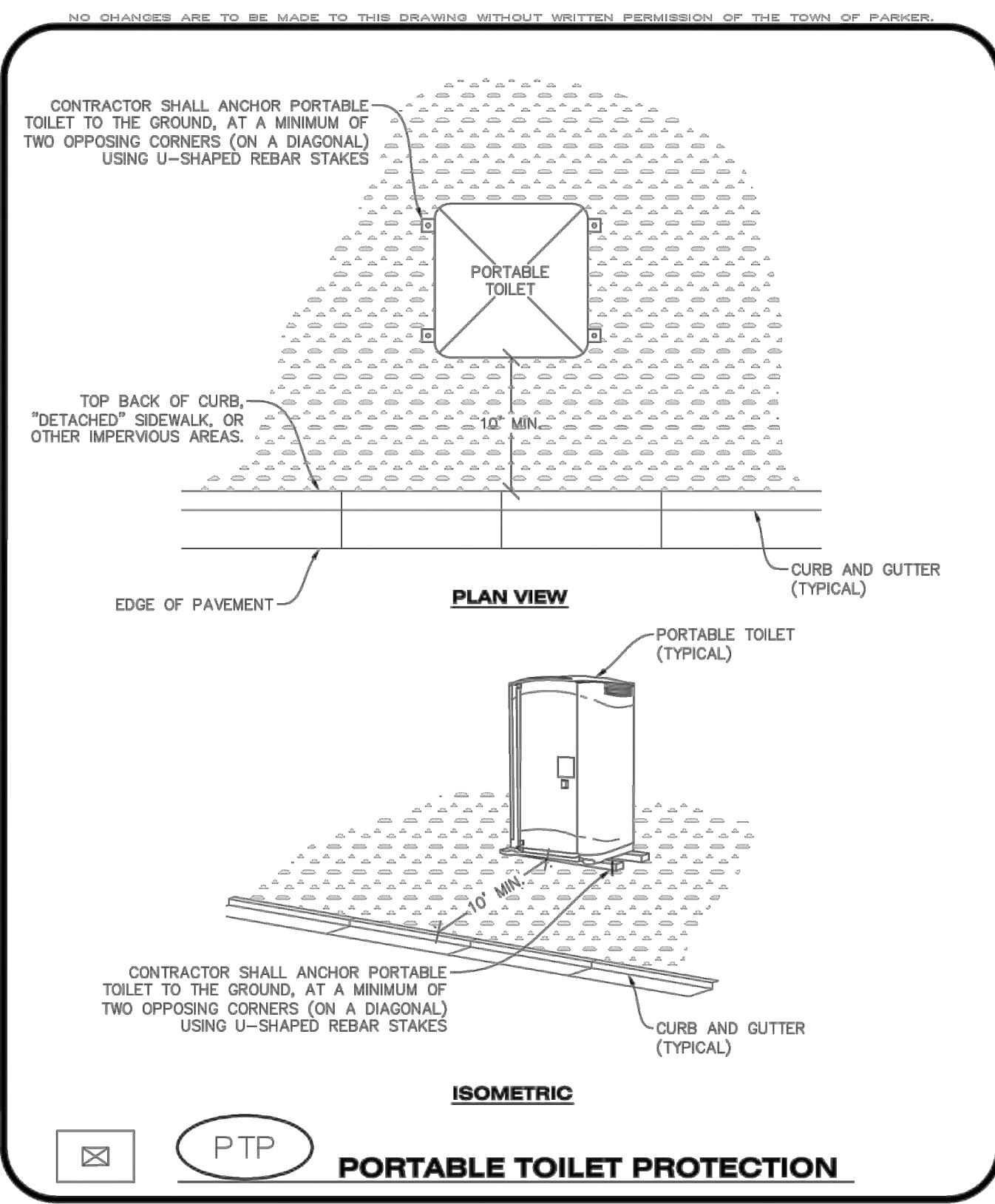
**MASONRY WORK PROTECTION INSTALLATION NOTES**

- MASONRY WORK PROTECTION MAY NEED TO BE INSTALLED WHEN MASONRY WORK AND MIXING IS OCCURRING.
- A ROCK SOCK SHALL BE INSTALLED IN A CRESCENT SHAPE ON THE DOWNHILL SIDE OF THE MASONRY WORK AND MIXER.
- CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
- ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
- ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.

**MASONRY WORK PROTECTION INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE MASONRY WORK PROTECTION.
- ALL CONCRETE WASTE SHALL BE REGULARLY CLEANED AND PLACED IN THE CONCRETE WASH OUT AREA.
- ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.

**Parker COLORADO** | **CBMP** | MWP  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2  
Oct. 2013



**Parker COLORADO** | **CBMP** | PTP  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2  
Oct. 2013

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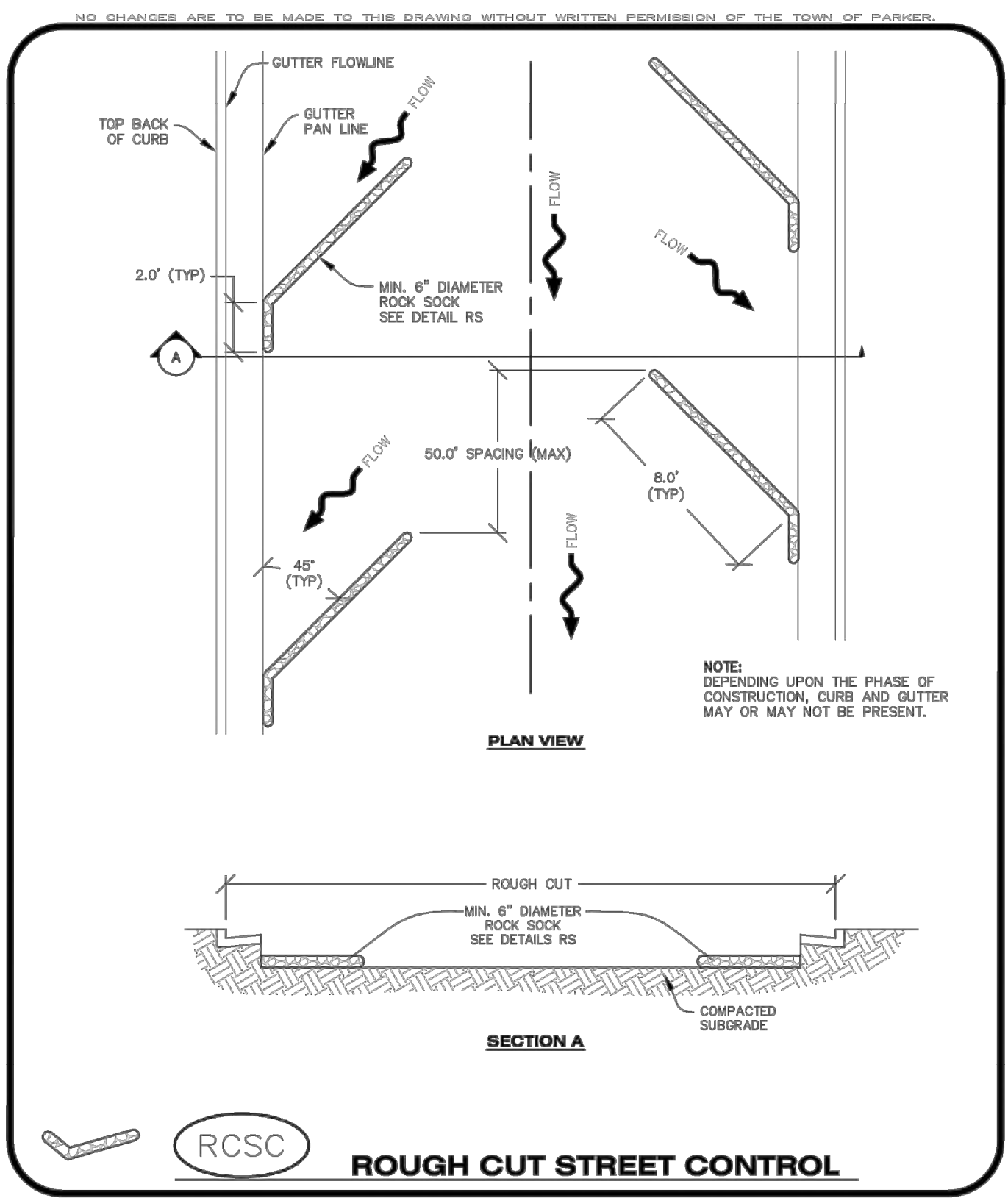
**PORTABLE TOILET PROTECTION INSTALLATION NOTES**

- PORTABLE TOILETS SHALL BE PLACED A MINIMUM OF 10.0' BEHIND ALL CURBS, SIDEWALKS, AND OTHER IMPERVIOUS AREAS.
- ALL PORTABLE TOILETS MUST BE GROUPED TOGETHER.
- PORTABLE TOILETS SHALL BE SECURELY ANCHORED TO THE GROUND USING U-SHAPED REBAR STAKES.
- U-SHAPED REBAR STAKES SHALL BE POSITIONED ON AT LEAST 2 OPPOSING (DIGITAL) CORNERS.

**PORTABLE TOILET PROTECTION INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE PORTABLE TOILET PROTECTION.
- PORTABLE TOILETS SHALL BE SERVICED AT THE NECESSARY INTERVALS TO ELIMINATE THE POSSIBILITY OF OVERFLOW.
- WHEN THE PORTABLE TOILETS ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE TOILETS MAY NEED TO BE LANDSCAPED OR ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- PORTABLE TOILETS THAT ARE NOT CONSISTENTLY MAINTAINED IN ACCORDANCE WITH THESE REQUIREMENTS MAY NEED TO BE CLUSTERED TOGETHER, IN ONE CENTRALIZED LOCATION IN ORDER TO INCREASE COMPLIANCE AND REDUCE THE CHANCE OF A SPILL.

**Parker COLORADO** | **CBMP** | PTP  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2  
Oct. 2013



**Parker COLORADO** | **CBMP** | RCSC  
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2  
Oct. 2013



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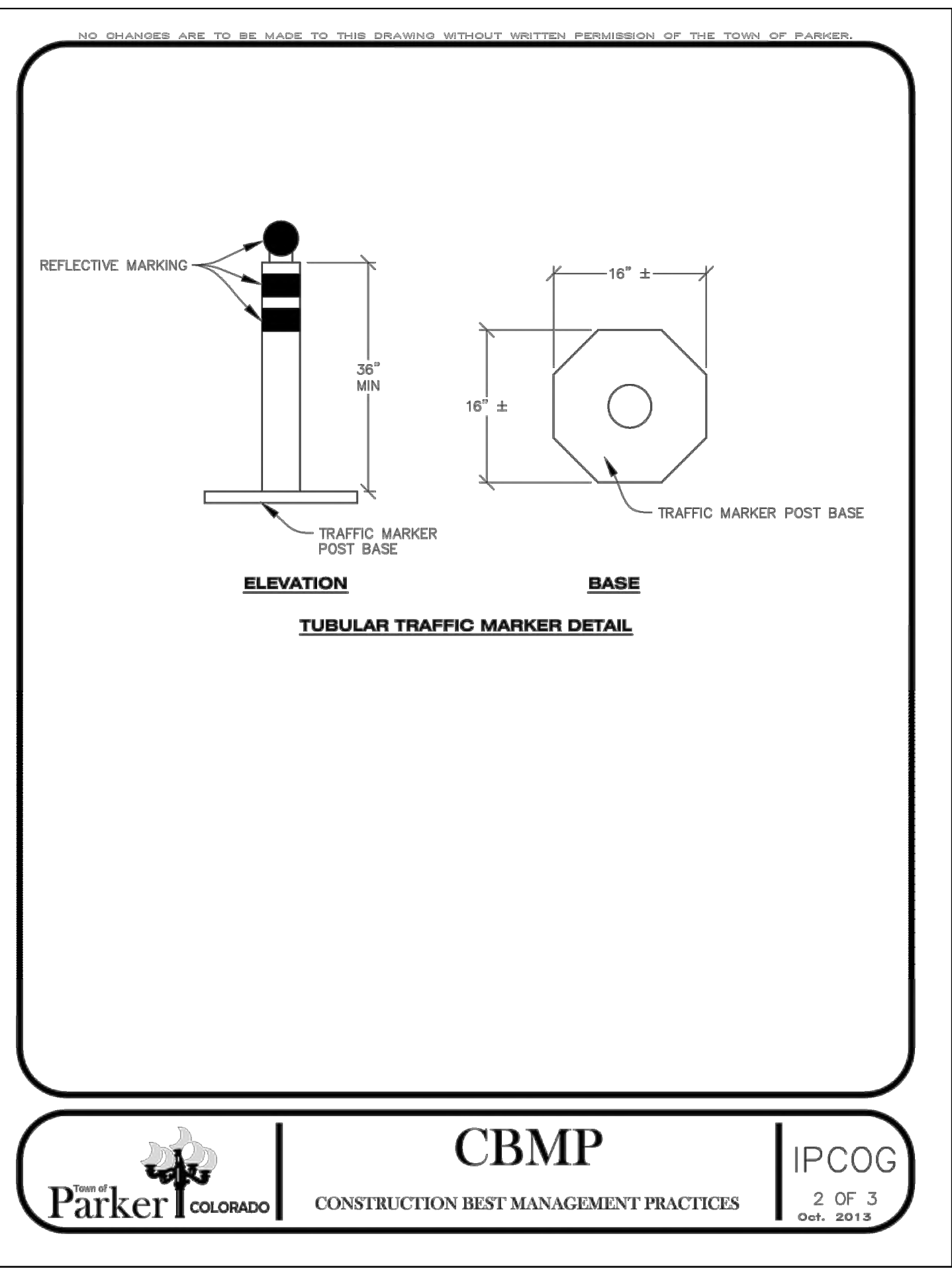
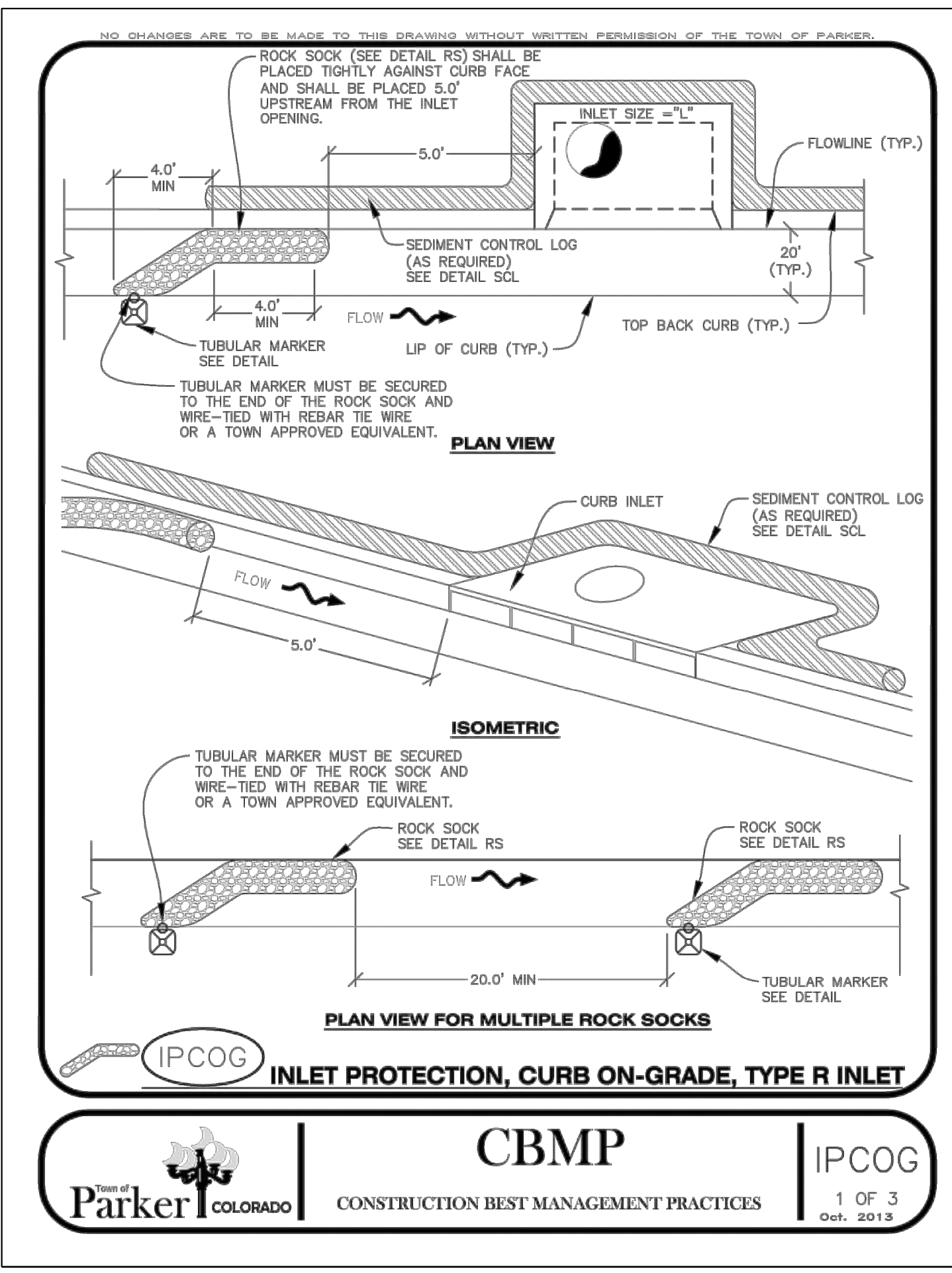
**COMPARK VILLAGE SOUTH**  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
CMBP DETAILS

ISSUED FOR REVIEW  
FOR AND ON BEHALF OF MERRICK & COMPANY

JOB NUMBER: 65120350  
DATE: 2/25/2022  
SHEET: C5.5  
18



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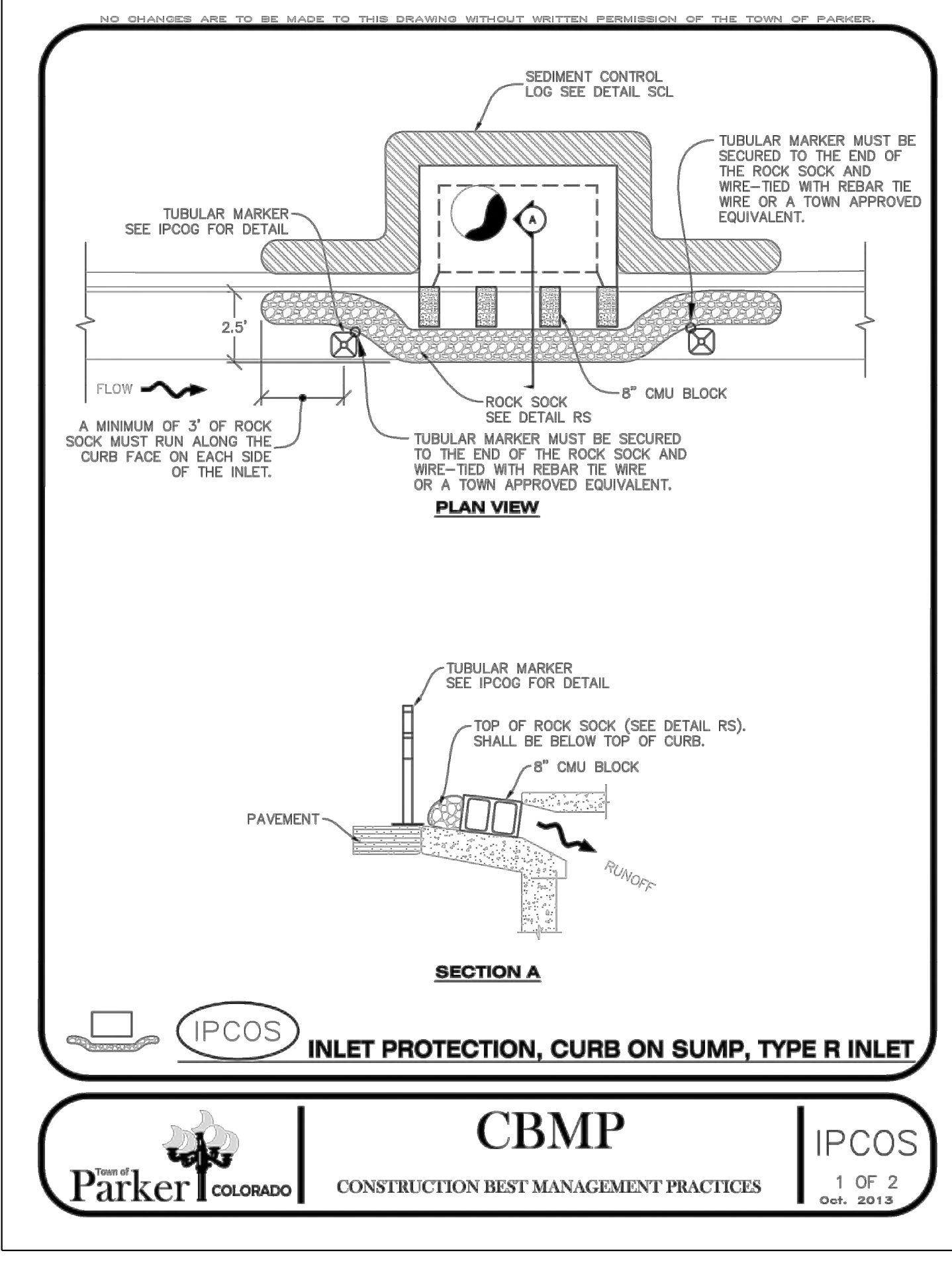
**INLET PROTECTION, CURB ON-GRADE INSTALLATION NOTES**

1. SEE CBMP PLAN FOR LOCATION(S) OF ON-GRADE INLET PROTECTION.
2. CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
3. ROCK SOCK FOR ON-GRADE INLET PROTECTION SHALL BE ONE CONTINUOUS PIECE.
4. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.
5. ROCK SOCK SHALL BE PLACED 5.0' UPHILL OF THE INLET OPENING.
6. TUBULAR MARKER SHALL BE A MINIMUM OF 3.0' HIGH WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
7. THE CURB INLET PROTECTION SHOWN ON CBMP PLAN SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE APPLICABLE INSTALLATION OF THE FIRST LIFT OF ASPHALT ON ROADWAYS DRAINING TO THE INLET.

**ON-GRADE INLET PROTECTION INSPECTION AND MAINTENANCE NOTES**

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ON-GRADE INLET PROTECTION.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
4. ON-GRADE INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES 3 OF 3 Oct. 2013



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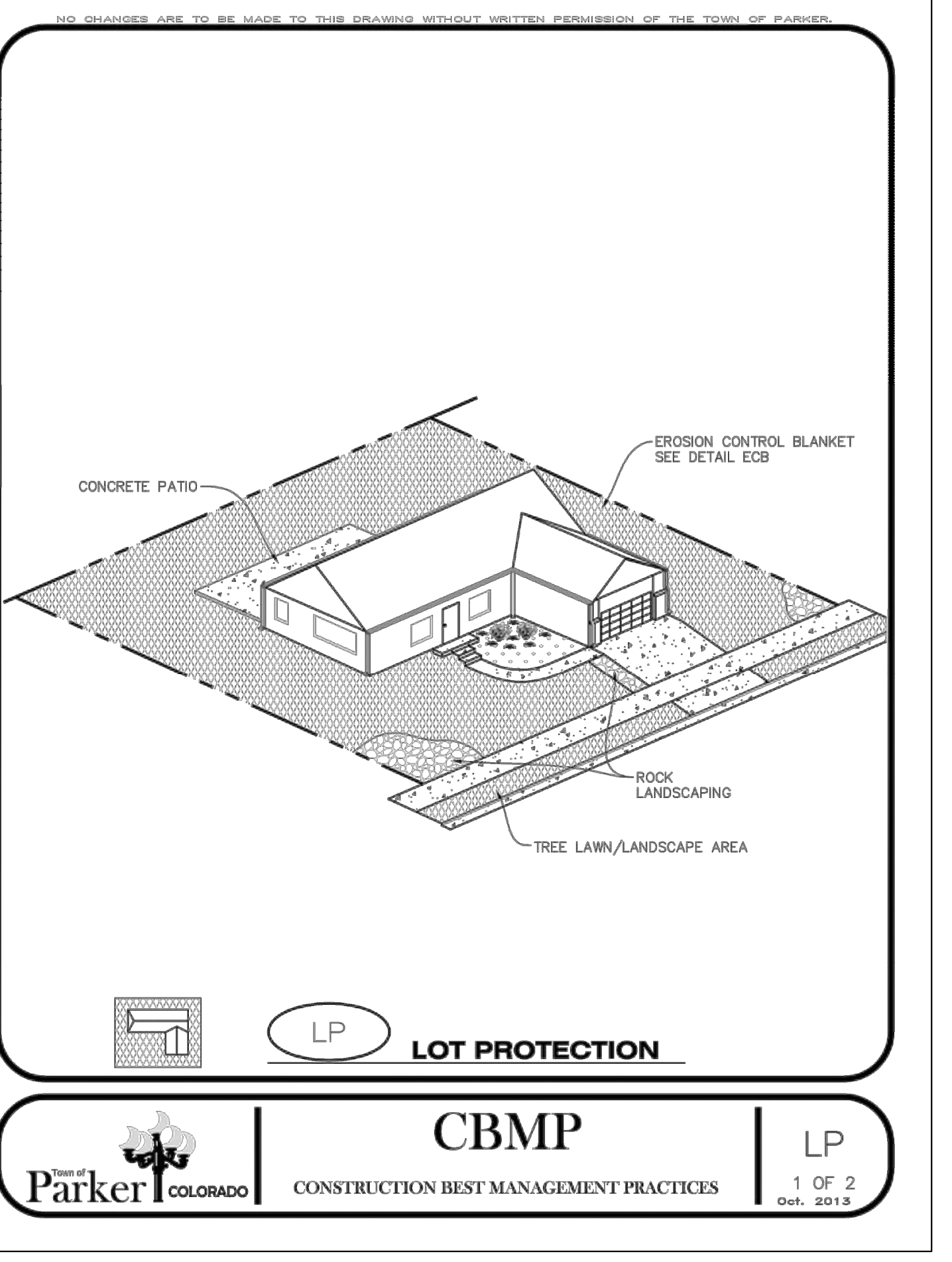
**CURB INLET PROTECTION INSTALLATION NOTES**

1. SEE CBMP PLAN FOR LOCATION(S) OF CURB INLET PROTECTION.
2. CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
3. ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
4. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL SIZED TO KEEP ROCK FROM SPILLING OUT.
5. ROCK SOCK SHALL EXTEND 3.0' ALONG THE CURB BEYOND LOCATIONS WHERE IT RETURNS TO CONTACT CURB FACE.
6. TUBULAR TRAFFIC MARKERS SHALL BE A MINIMUM OF 36" IN HEIGHT WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
7. THE CURB INLET PROTECTION SHOWN ON CBMP PLAN SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF THE FIRST LIFT OF ASPHALT ON ROADWAYS DRAINING TO THE CURB INLET. CMU BLOCKS OR THE ROCK SOCK SHALL BE USED AS INTERIM PROTECTION UNTIL THE FIRST LIFT OF ASPHALT IS INSTALLED.

**CURB INLET PROTECTION INSPECTION AND MAINTENANCE NOTES**

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CURB INLET PROTECTION.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
3. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
4. CURB INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2 Oct. 2013



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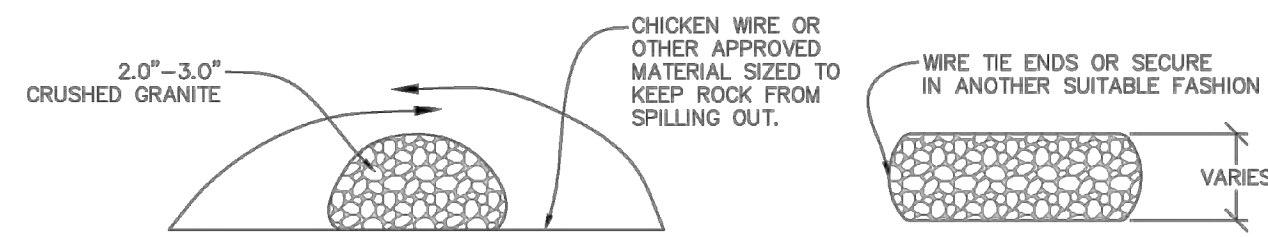
**ROUGH CUT STREET CONTROL INSTALLATION NOTES**

- SEE CBMP PLAN FOR LOCATION(S) OF ROUGH CUT STREET CONTROL.
- THE SPACING OF THE ROUGH CUT STREET CONTROL MAY BE DETERMINED BY THE DESIGN ENGINEER AND SHOWN ON THE CBMP PLAN.

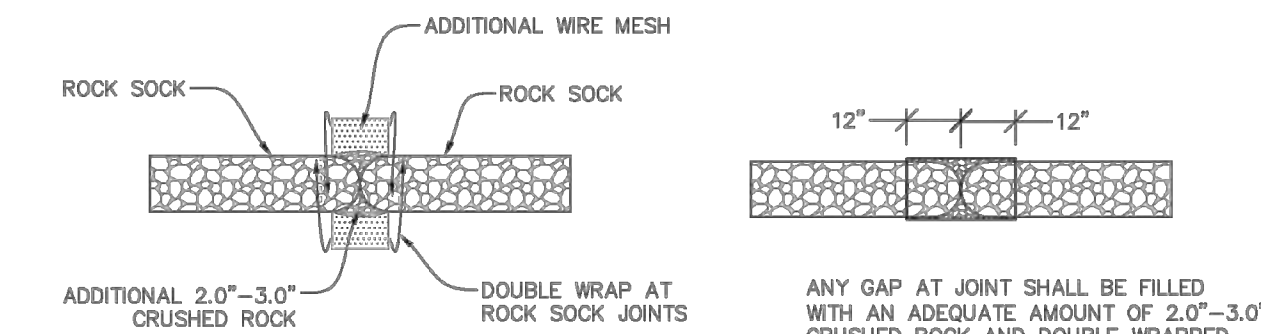
**ROUGH CUT STREET CONTROL INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ROUGH CUT STREET CONTROL.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS 1/2 THE HEIGHT OF THE ROCK SOCK.
- ROUGH CUT STREET CONTROL SHALL BE REPAIRED IMMEDIATELY FOLLOWING ANY SIGN OF WEAR OR ALTERATION OF THE ORIGINAL SHAPE AND DIMENSIONS.
- ROUGH CUT STREET CONTROL SHALL BE KEPT IN PLACE AND MAINTAINED UNTIL SUB-GRADE PREPARATION BEGINS FOR PAVING. AT THAT POINT, THE RCSC SHOULD BE REMOVED IN INCREMENTS BASED ON SUBGRADE PREPARATION.

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**CROSS SECTION** **COMPLETED ROCK SOCK**



**JOINT PLAN VIEW** **JOINT ELEVATION**

RS **ROCK SOCK**

**CBMP**
**RCSC**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013

**CBMP**
**RS**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2  
Oct. 2013

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**ROCK SOCK INSTALLATION NOTES**

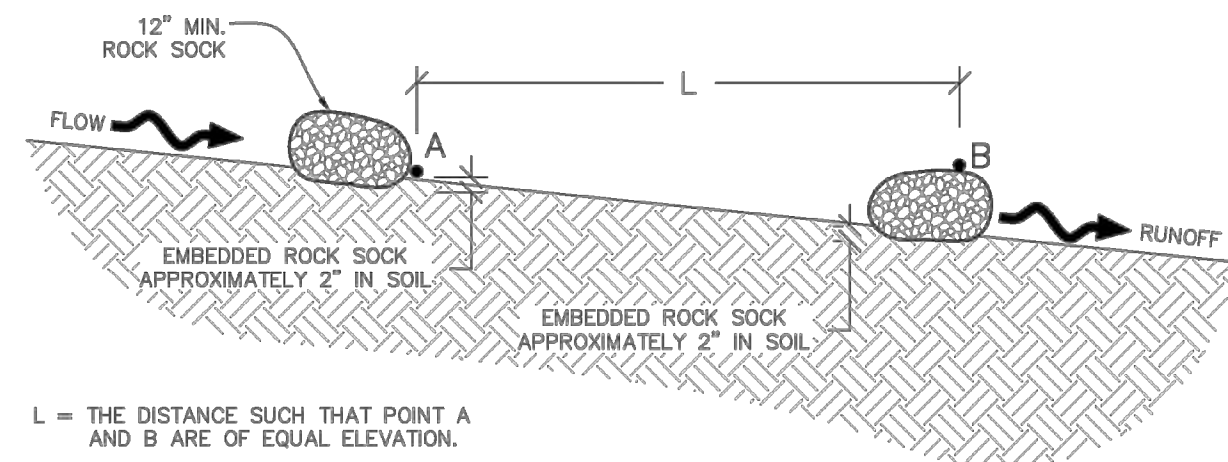
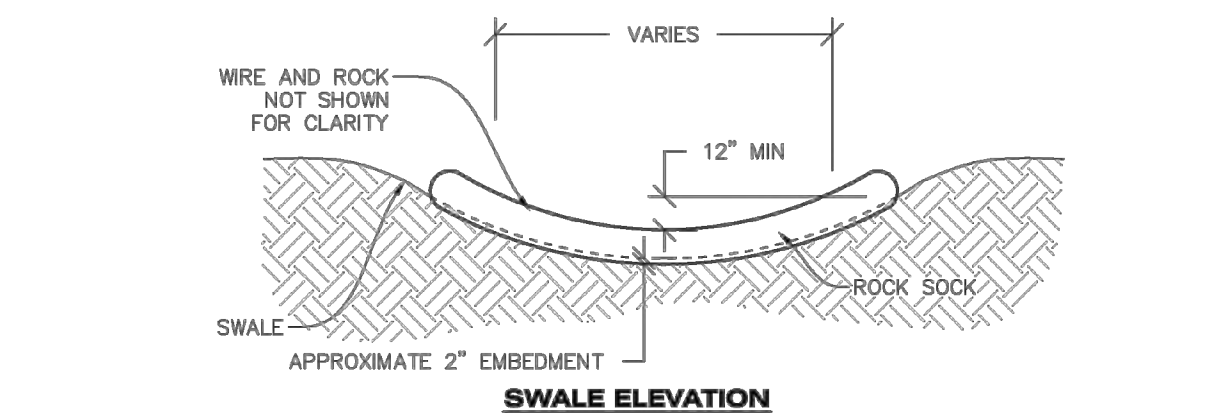
- SEE CBMP PLAN FOR LOCATION(S) OF ROCK SOCK.
- CRUSHED ROCK SHALL BE APPROXIMATELY 2.0"-3.0" GRANITE IN SIZE WITH A FRACTURED FACE (ALL SIDES).
- ROCK SOCK SHALL BE APPROXIMATELY ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
- ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL SIZED TO KEEP ROCK FROM SPILLING OUT.
- MINIMUM ROCK SOCK DIAMETER SHALL VARY BASED ON APPLICATION (7" MIN).
- TUBULAR MARKERS MAY NEED TO BE USED IN CONJUNCTION WITH ROCK SOCKS ANYTIME THE ROCK SOCK IS PLACED ON A ROADWAY, SIDEWALK, PARKING LOT OR OTHER LOCATION SUSCEPTIBLE TO VEHICLE OR PEDESTRIAN TRAFFIC. TUBULAR MARKERS SHALL CONFORM TO THE TUBULAR MARKER DETAIL.

**ROCK SOCK INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ROCK SOCKS.
- ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
- ROCK SOCKS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

**CBMP**
**RS**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013

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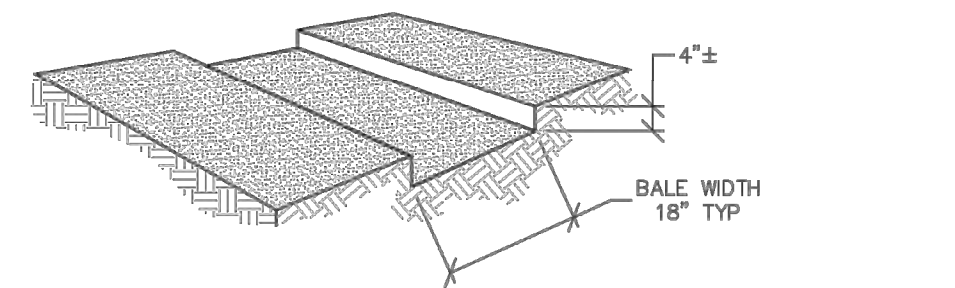


**SWALE SPACING**

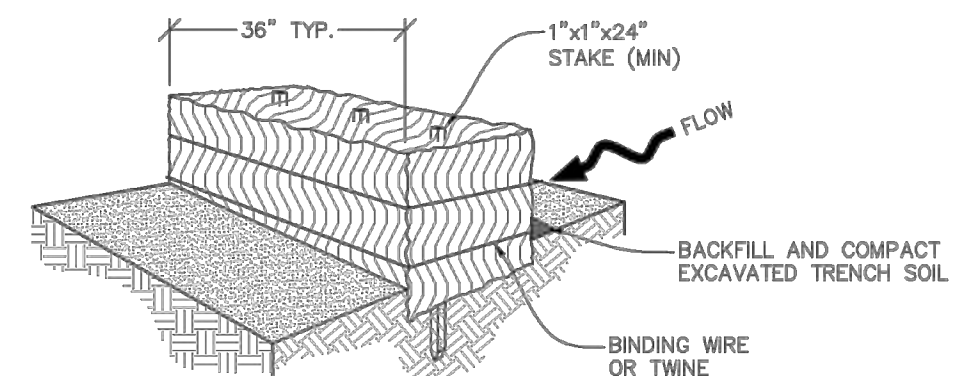
RSS **ROCK SOCK IN SWALE**

**CBMP**
**RSS**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 1  
Oct. 2013

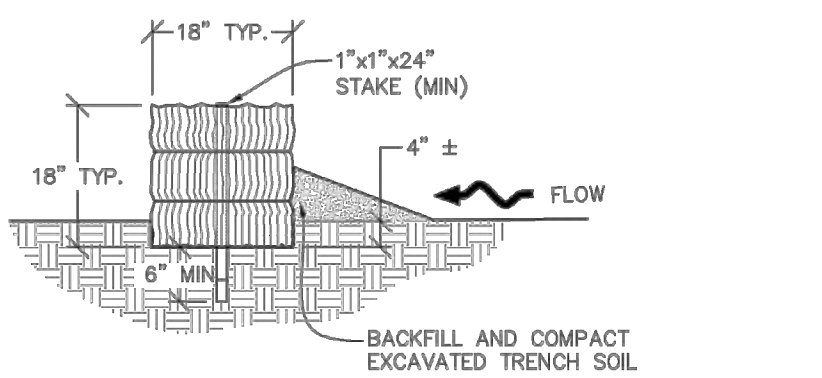
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**TRENCH EXCAVATION**



**STRAW BALE INSTALLATION**



**SECTION**

SB **STRAW BALE**

**CBMP**
**SB**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 1 OF 2  
Oct. 2013

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**STRAW BALE INSTALLATION NOTES**

- SEE CBMP PLAN FOR LOCATION(S) OF STRAW BALES.
- TYPICAL STRAW BALES SHALL BE APPROXIMATELY 36"x18"x18".
- TWO (2) WOODEN STAKES SHALL BE USED TO HOLD EACH BALE IN PLACE. WOODEN STAKES SHALL BE A MINIMUM OF 1"x1"x24".
- WOODEN STAKES SHALL BE PLACED APPROXIMATELY 6" INTO THE GROUND.
- STRAW BALES SHALL BE SPACED AND POSITIONED ACCORDING TO DETAILS.

**STRAW BALE INSPECTION AND MAINTENANCE NOTES**

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE STRAW BALES.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE STRAW BALE.
- STRAW BALES MAY NEED TO BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN, OR OTHERWISE DAMAGED.
- STRAW BALES SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN INSPECTOR.
- WHEN THE STRAW BALES ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE STRAW BALES MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

**CBMP**
**SB**  
 CONSTRUCTION BEST MANAGEMENT PRACTICES 2 OF 2  
Oct. 2013

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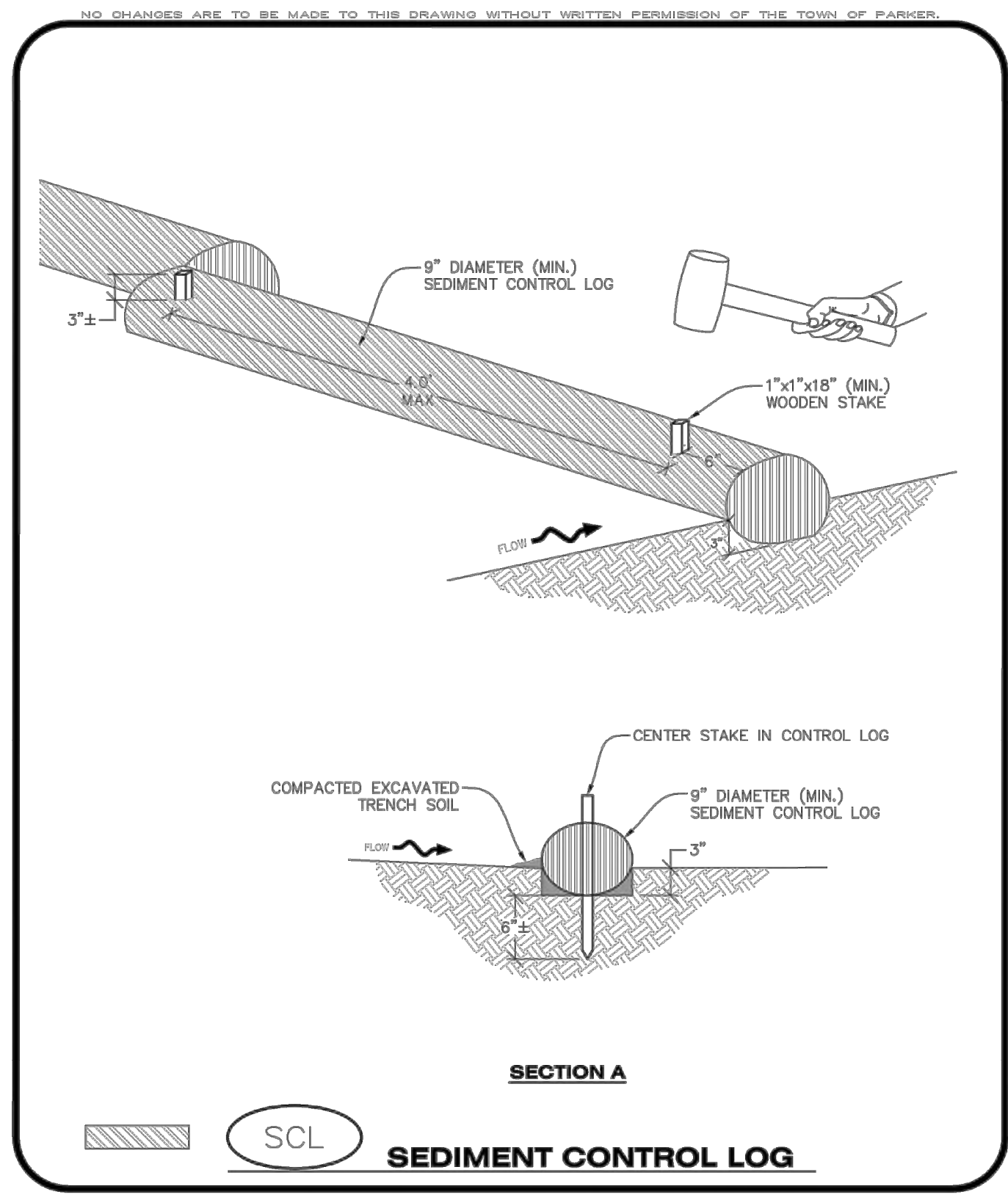
**COMPARK VILLAGE SOUTH**  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS  
 CBMP DETAILS

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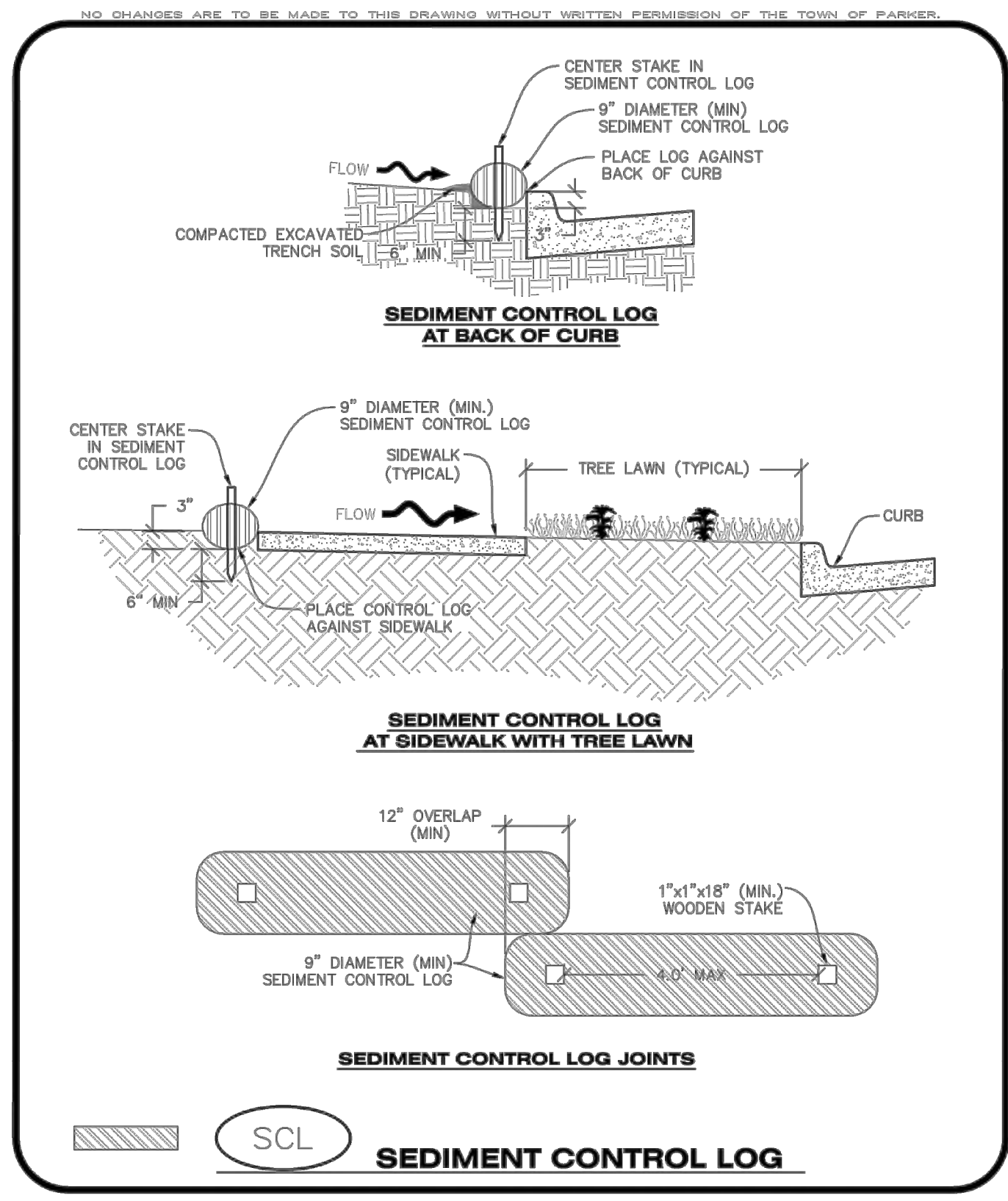
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**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SCL** 1 OF 3 Oct. 2013



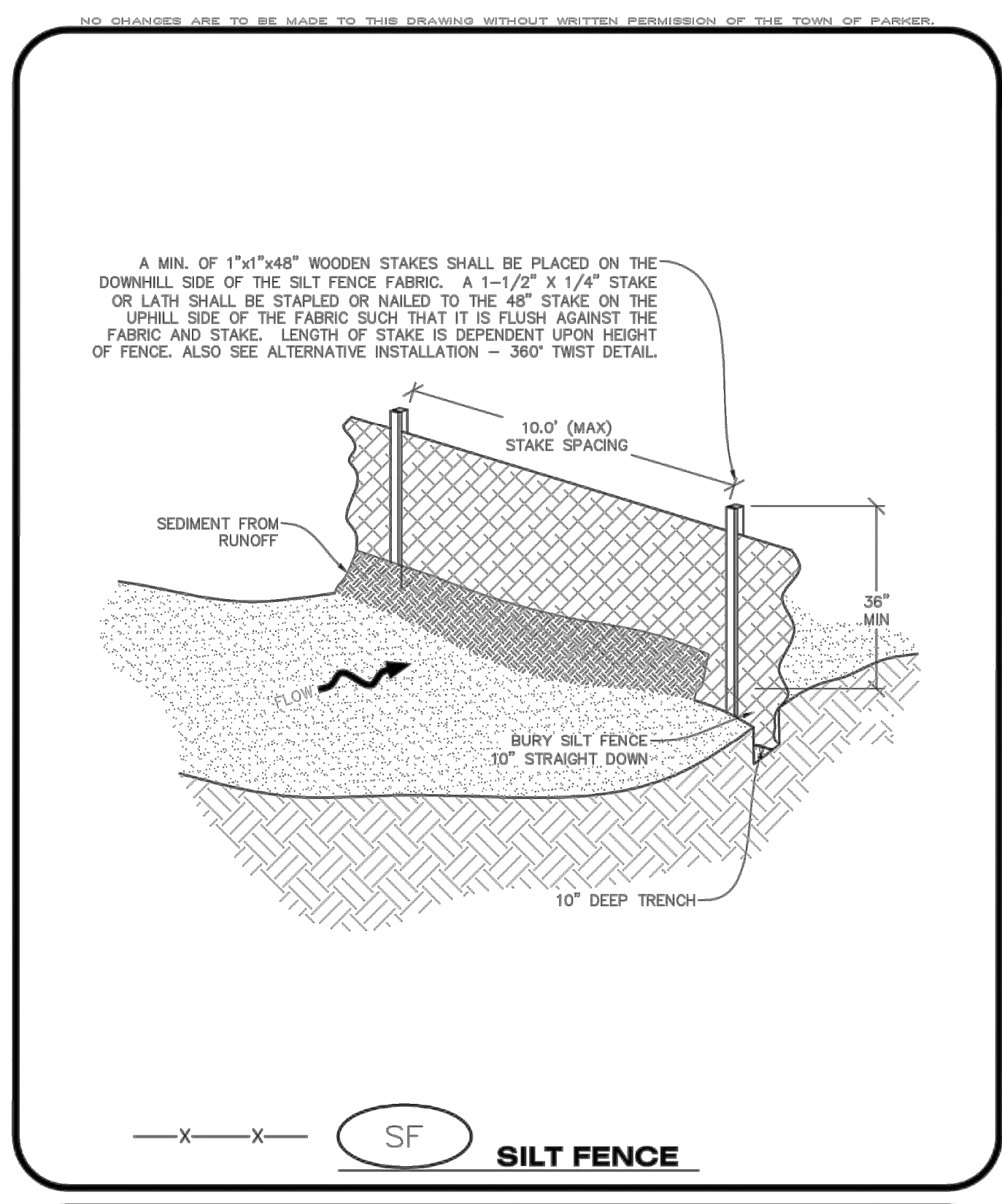
**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SCL** 2 OF 3 Oct. 2013

- NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.
- SEDIMENT CONTROL LOG INSTALLATION NOTES**
- SEE CBMP PLAN FOR LOCATION(S) OF SEDIMENT CONTROL LOGS.
  - ALL SEDIMENT CONTROL LOGS SHALL BE INSTALLED FREE OF DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
  - SEDIMENT CONTROL LOGS SHALL BE INSTALLED IMMEDIATELY ADJACENT TO AN IMPERVIOUS SURFACE SUCH AS A CURB HEAD, SIDEWALK, INLET LID, ETC. NO GAPS SHALL EXIST BETWEEN THE SEDIMENT CONTROL LOG AND THE IMPERVIOUS SURFACE.
  - A UNIFORM 3" DEEP ANCHOR TRENCH (APPROX.) IN THE SHAPE OF A HALF-SPHERE SHALL BE EXCAVATED USING A TRENCHER, SPADE-SHAPED SHOVEL, OR PICK. THE ANCHOR TRENCH SHALL BE SIZED TO ALLOW FOR THE SEDIMENT CONTROL LOG TO SEAT TIGHTLY AGAINST THE ANCHOR TRENCH.
  - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE ANCHOR TRENCH AND PROPERLY COMPACTED.
  - ANCHOR TRENCH SHALL BE RELATIVELY FREE OF ROCKS OR OTHER DEBRIS PRIOR TO THE PLACEMENT.
  - ALL SEDIMENT CONTROL LOGS SHALL BE PLACED 3" (APPROX.) BELOW THE GROUND AND PULLED TIGHT ON BOTH ENDS TO REMOVE ANY CURVES OR SNAGS.
  - THE UPHILL SIDE OF THE SEDIMENT CONTROL LOG SHALL BE BACKFILLED WITH SOIL THAT IS RELATIVELY FREE OF ROCKS AND DEBRIS. THE SOIL SHALL BE TIGHTLY COMPACTED AGAINST THE GROUND AND SEDIMENT CONTROL LOG USING A SHOVEL, OR SIMILAR DEVICE.
  - SEDIMENT CONTROL LOG STAKES SHALL BE MADE OF WOOD AND SECURELY ANCHOR THE SCL IN PLACE.
  - STAKES SHALL BE PLACED ON 4.0' CENTERS AND EMBEDDED APPROXIMATELY 6" INTO THE GROUND. STAKES THAT ARE BROKEN PRIOR TO OR DURING INSTALLATION SHALL BE REPLACED.
  - SEDIMENT CONTROL LOGS SHALL OVERLAP A MINIMUM OF 12". THE OVERLAPPING SHALL OCCUR ON THE UP-GRADE SIDE OF THE LOGS.
  - SEDIMENT CONTROL LOGS SHALL BE STAKED WITHIN 6" FROM EACH END.
  - SEDIMENT CONTROL LOGS THAT ARE INSTALLED BEHIND CURBS AND SIDEWALKS MUST BE DONE SO THAT NO MORE THAN A 2" GAP EXISTS BETWEEN THE CONCRETE AND THE LOG. EROSION CONTROL BLANKETING (ECB) BETWEEN THE GAP MAY BE REQUIRED IN INSTANCES WHERE THIS DOES NOT OCCUR.
- SEDIMENT CONTROL LOG INSPECTION AND MAINTENANCE NOTES**
- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SEDIMENT CONTROL LOGS.
  - ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF EXPOSED LOG.
  - SEDIMENT CONTROL LOGS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
  - SEDIMENT CONTROL LOGS SHALL BE REPLACED WHEN THERE ARE ANY SIGNS OF WEAR OR DAMAGE THAT WOULD PREVENT THE SCL FROM FUNCTIONING AS DESIGNED.
  - WHEN THE SEDIMENT CONTROL LOGS ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE SEDIMENT CONTROL LOGS MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

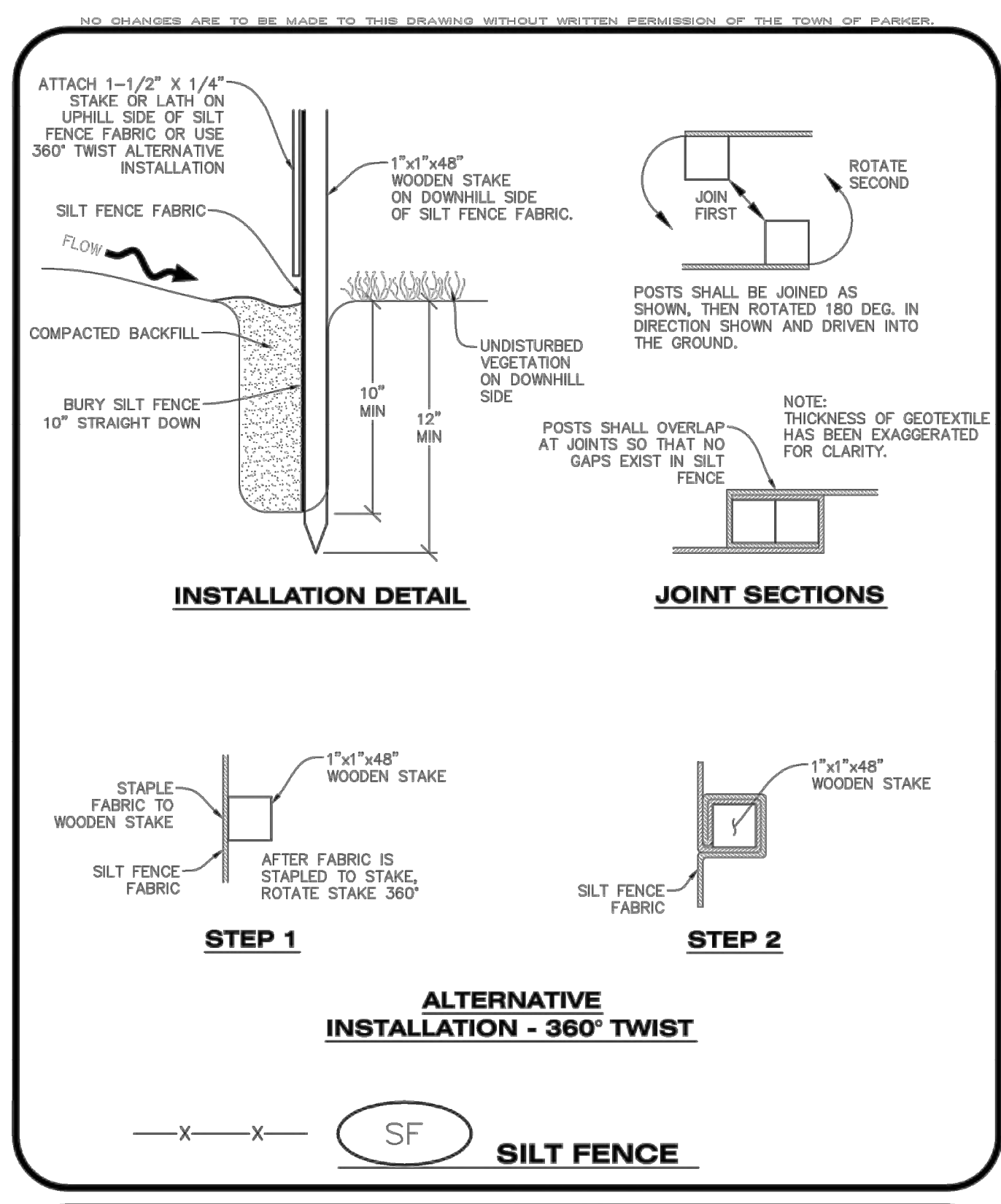
**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SCL** 3 OF 3 Oct. 2013



**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SF** 1 OF 4 Oct. 2013



**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SF** 2 OF 4 Oct. 2013

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- SILT FENCE INSTALLATION NOTES**
- SEE CBMP PLAN FOR LOCATION(S) OF SILT FENCE.
  - ALL SILT FENCE SHALL BE INSTALLED IN GOOD CONDITION AND FREE OF ANY DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
  - A UNIFORM 10" DEEP ANCHOR TRENCH SHALL BE EXCAVATED USING A TRENCHER.
  - A 10" DEEP ANCHOR SLIT SHALL BE FORMED IF USING A STATIC SLICING METHOD.
  - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE ANCHOR TRENCH.
  - ANCHOR TRENCH SHALL BE GENERALLY FREE OF ROCKS OR OTHER DEBRIS PRIOR TO THE PLACEMENT OF THE SILT FENCE.
  - THE ANCHOR TRENCH SHALL BE THOROUGHLY BACKFILLED WITH SOIL THAT IS GENERALLY FREE OF ROCKS AND DEBRIS.
  - ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE UP-GRADE SIDE OF THE SILT FENCE.
  - STAKES SHALL BE POSITIONED ON THE DOWNHILL SIDE OF THE SILT FENCE FABRIC AND PLACED ON 10.0' CENTERS OR LESS. STAKES SHALL BE EMBEDDED A MINIMUM OF 12" INTO THE GROUND. A WOODEN LATH SHALL BE ATTACHED TO THE OPPOSING (UPHILL) SIDE OF THE STAKE FOR ADDED STRENGTH AND SUPPORT. THE LATH SHALL HAVE THE FOLLOWING DIMENSIONS: 1"x4"x24".
  - SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD NOT BE SIGNIFICANT SAGGING ALONG ANY PORTION OF THE SILT FENCE AFTER IT HAS BEEN ANCHORED TO THE STAKES.
  - SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES AND LATHS USING STAPLES OR NAILS OF AN APPROXIMATE LENGTH. ENOUGH STAPLES AND NAILS SHOULD BE PLACED ALONG THE LATH TO ENSURE PROPER ATTACHMENT.
  - SILT FENCE FABRIC SHALL MEET THE FOLLOWING MANDATORY REQUIREMENTS:
- | PROPERTIES              | TEST METHOD | MANDATORY REQUIREMENTS            |
|-------------------------|-------------|-----------------------------------|
| GRAB TENSILE STRENGTH   | ASTM D 4632 | ≥ 124 LBS                         |
| MULLEN BURST STRENGTH   | ASTM D 3786 | ≥ 300 PSI                         |
| PUNCTURE STRENGTH       | ASTM D 4833 | ≥ 60 LBS                          |
| TRAPEZOID TEAR STRENGTH | ASTM D 4533 | ≥ 65 LBS                          |
| UV RESISTANCE           | ASTM D 4355 | > 80% AT 500 HOURS OF UV EXPOSURE |
| FLOW RATE               | ASTM D 4491 | > 10 GAL/MIN/FT2                  |
- AN ORIGINAL PRODUCT SPECIFICATION SHEET FROM THE SILT FENCE MANUFACTURER SHALL BE MADE AVAILABLE AT THE REQUEST OF THE TOWN'S INSPECTOR. THE PRODUCT SPECIFICATION SHEET SHALL PROVIDE THE RESULTS FOR THE TEST METHODS ABOVE.
  - SILT FENCE JOINTS SHALL BE CONNECTED ACCORDING TO THE ATTACHED DRAWING.
  - SILT FENCE THAT IS INSTALLED BEHIND CURBS AND SIDEWALKS MUST BE DONE SO THAT NO MORE THAN A 2" GAP EXISTS BETWEEN CONCRETE AND THE SILT FENCE. EROSION CONTROL BLANKETING (ECB) BETWEEN THE GAP MAY BE REQUIRED IN INSTANCES WHERE THIS DOES NOT OCCUR.
- NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SF** 3 OF 4 Oct. 2013



REV	REVISION DESCRIPTION	DATE	CHKD	APPD

COMPARK VILLAGE SOUTH  
PRIVATE IMPROVEMENT  
CONSTRUCTION PLANS  
CBMP DETAILS

ISSUED FOR REVIEW

JOB NUMBER	DATE	SHEET
65120550	2/25/2022	C5.8

FOR AND ON BEHALF OF MERRICK & COMPANY

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

**SILT FENCE INSPECTION AND MAINTENANCE NOTES**

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SILT FENCE.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED REGULARLY.
3. SILT FENCE SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL 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 OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
4. SILT FENCE SHALL BE REPLACED WHEN THERE ARE ANY SIGNS OF WEAR AND/OR DAMAGE.
5. WHEN THE SILT FENCE IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE SILT FENCE MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SF** | 4 OF 4 | Oct. 2013

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

**SEEDING AND MULCHING SHALL BE PERFORMED ACCORDING TO THE ACCOMPANYING DETAIL(S) AND TEXT. NO EXCEPTIONS SHALL BE MADE**

1. SEE PLAN VIEW FOR:
  - LOCATION(S) OF SEEDING AND MULCHING
  - TYPE OF SEED MIX
2. SEED MIXES MAY CONFORM TO THE TABLE PROVIDED WITH THE SMC NOTES OR ALTERNATIVES MAY BE ALLOWED WITH PRIOR PERMISSION BY THE TOWN'S INSPECTOR.
3. SEEDING MAY BE PERFORMED YEAR ROUND ASSUMING THE SOIL IS NOT FROZEN. SEEDING DURING TIMES OF EXTREME TEMPERATURES SHOULD BE AVOIDED IF POSSIBLE.
4. AT THE BEGINNING OF THE LAND DISTURBANCE ACTIVITIES, IT IS HIGHLY RECOMMENDED THAT AN APPROPRIATE AMOUNT OF NATIVE TOPSOIL BE STRIPPED FROM THE SITE AND STOCKPILED. ALL AREAS, PRIOR TO PERMANENT SEEDING AND MULCHING, WILL LIKELY NEED TO BE COVERED WITH AN APPROPRIATE LAYER OF TOPSOIL. THIS REQUIREMENT APPLIES TO ALL AREAS WHERE NATIVE SEEDING IS SPECIFIED ON THE CBMP PLAN AND/OR LANDSCAPING PLANS.
5. IT IS STRONGLY RECOMMENDED THAT SAMPLES FROM THE STRIPPED TOPSOIL BE PROPERLY COLLECTED AND TESTED BY A QUALIFIED LABORATORY TO ENSURE ADEQUATE NUTRIENT CONTENT PRIOR TO SEEDING AND MULCHING. IF IT IS DISCOVERED THAT THE TOPSOIL IS VOID OF THE NUTRIENTS NECESSARY TO SUCCESSFULLY ESTABLISH THE REQUIRED VEGETATION, THEN THE APPROPRIATE AMENDMENTS SHALL BE ADDED.
6. ALL AREAS TO BE SEEDED AND MULCHED SHALL BE SURFACE ROUGHENED ACCORDING TO THE SURFACE ROUGHENING DETAILS AND NOTES. SURFACE ROUGHENING SHALL OCCUR AFTER PLACEMENT OF THE TOPSOIL.
7. WHEN INSTALLED WITH A DRILL SEEDER, SEED SHALL BE PLACED AT A DEPTH OF ¼ - ½ INCH. ROW SPACING SHALL BE NO MORE THAN 6-INCHES.
8. ALL AREAS INCAPABLE OF BEING DRILL SEEDED SHALL BE SURFACE ROUGHENED ACCORDING TO THE SURFACE ROUGHENING NOTES OR EFFECTIVELY ROUGHENED USING A HARROW OR OTHER SUCH IMPLEMENT. ALL AREAS SHALL BE UNIFORMLY HAND BROADCASTED WITH THE PROPER SEED MIX APPLIED AT TWO TIMES THE DRILL SEEDED RATE. BROADCASTED AREAS SHALL THEN BE RE-HARROWED OR RE-RAKED USING A HARD-TIPPED RAKE TO ENSURE THAT SEEDS ARE BURIED TO AN APPROXIMATE DEPTH OF ¼ - ½ INCH.
9. AFTER SEEDING HAS BEEN COMPLETED, MULCH SHALL BE UNIFORMLY APPLIED AT A RATE OF 2 TONS/ACRE (4,000 LBS/ACRE). MULCH SHALL BE MECHANICALLY CRIMPED TO A DEPTH OF 2 INCHES USING A CRIMPER. MULCH SHALL BE HAND CRIMPED AND COVERED WITH A TACKIFIER IN AREAS WHERE MECHANICAL CRIMPING IS NOT POSSIBLE. WHEN SOILS PERMIT, ALL MULCH SHALL BE CRIMPED SUCH THAT THE INDIVIDUAL PIECES OF STRAW OR HAY FORM EXAGGERATED V-SHAPES PROTRUDING OUT OF THE GROUND SEVERAL INCHES.
10. IN CERTAIN INSTANCES, IT MAY BE NECESSARY TO APPLY A TACKIFIER IN ORDER TO HELP WITH STRAW DISPLACEMENT. TACKIFIER SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SMC** | 1 OF 3 | Oct. 2013

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

**SEEDING AND MULCHING MAINTENANCE NOTES**

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SEEDING AND MULCHING.
2. ANY SEEDED AND MULCHED AREAS THAT BECOME DAMAGED SHALL BE REPAIRED WITHIN THE TIME FRAME SPECIFIED BY THE TOWN'S INSPECTOR.

**WEED MANAGEMENT**

1. ALL HERBICIDES SHALL BE APPLIED BY COMMERCIAL PESTICIDE APPLICATORS LICENSED BY THE COLORADO DEPARTMENT OF AGRICULTURE AS QUALIFIED APPLICATORS. THE CONTRACTOR SHALL FURNISH DOCUMENTATION OF SUCH LICENSING PRIOR TO HERBICIDE APPLICATION.
2. HERBICIDE APPLICATION METHOD SHALL BE SUCH THAT PLANT GROWTH OUTSIDE THE DESIGNATED TREATMENT AREAS WILL NOT BE DAMAGED. ALL DAMAGE CAUSED BY IMPROPER HERBICIDE APPLICATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
3. HERBICIDES SHALL BE APPLIED DURING THE APPROPRIATE SEASONS, WHEN TARGET PLANTS ARE ACTIVELY GROWING.
4. AFTER THE GRASS SEED IS ESTABLISHED, APPROPRIATE HERBICIDES SHALL BE APPLIED TO CONTROL THE REMAINING WEEDS TO ENSURE A TIMELY RETURN OF THE FINANCIAL SECURITY. PROPER TIMING OF HERBICIDE APPLICATIONS ARE NECESSARY TO ACHIEVE THE SUPPRESSION OF WEED SEED PRODUCTION AND DEPLETION OF WEED ROOT MASS. ULTIMATELY, THE HERBICIDES USED SHALL BE BASED UPON THE TARGET WEEDS.
5. HERBICIDE TREATMENTS SHALL CONTINUE AT AN APPROPRIATE RATE UNTIL IT IS EVIDENT THAT WEED GROWTH PRESENCE AND GROWTH IS MINIMAL AND MAY BE CONTROLLED THROUGH MOWING AND/OR ANNUAL HERBICIDE TREATMENT.

**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SMC** | 2 OF 3 | Oct. 2013

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

**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% SIDEOATS 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% BUFFALOGRASS  
 12% BARLEY OR OATS  
 5% SPIKE MUHLY  
 5% INDIAN RICEGRASS

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

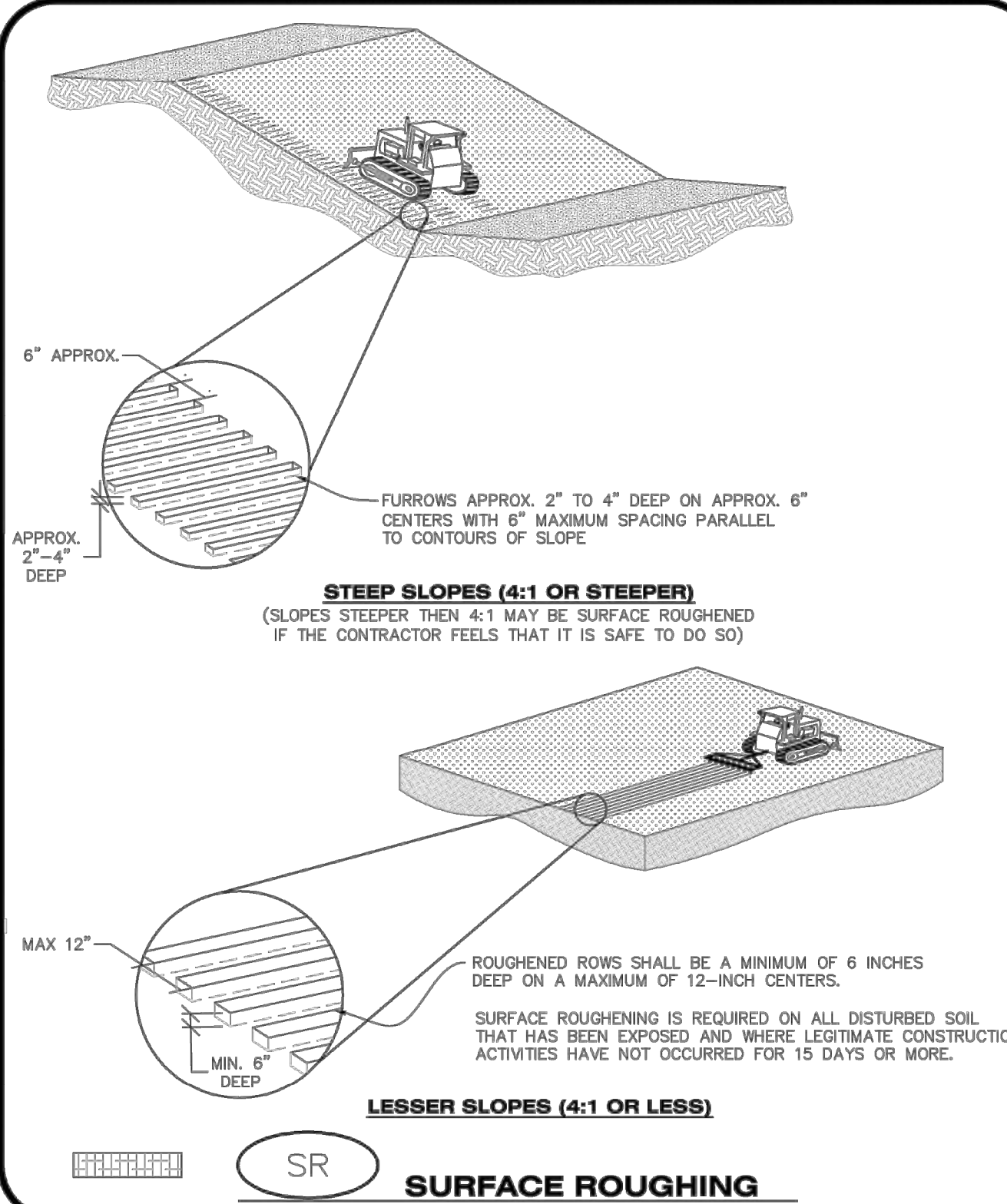
**TOWN OF PARKER, SEED MIX 3 (LOW-GROWTH MIX)**  
 25% EPHRAIM CRESTED WHEATGRASS  
 23% SHEEP FESCUE  
 18% PERENNIAL RYEGRASS  
 13% CANADA BLUEGRASS  
 12% BARLEY OR OATS  
 9% BLUE FESCUE

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

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

**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SMC** | 3 OF 3 | Oct. 2013

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



**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SR** | 1 OF 2 | Oct. 2013

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

**SURFACE ROUGHENING INSTALLATION NOTES**

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

**SURFACE ROUGHENING INSPECTION AND MAINTENANCE NOTES**

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

**Town of Parker COLORADO** | **CBMP** | **CONSTRUCTION BEST MANAGEMENT PRACTICES** | **SR** | 2 OF 2 | Oct. 2013



NO.	DATE	DESCRIPTION	BY	CHKD	APPR

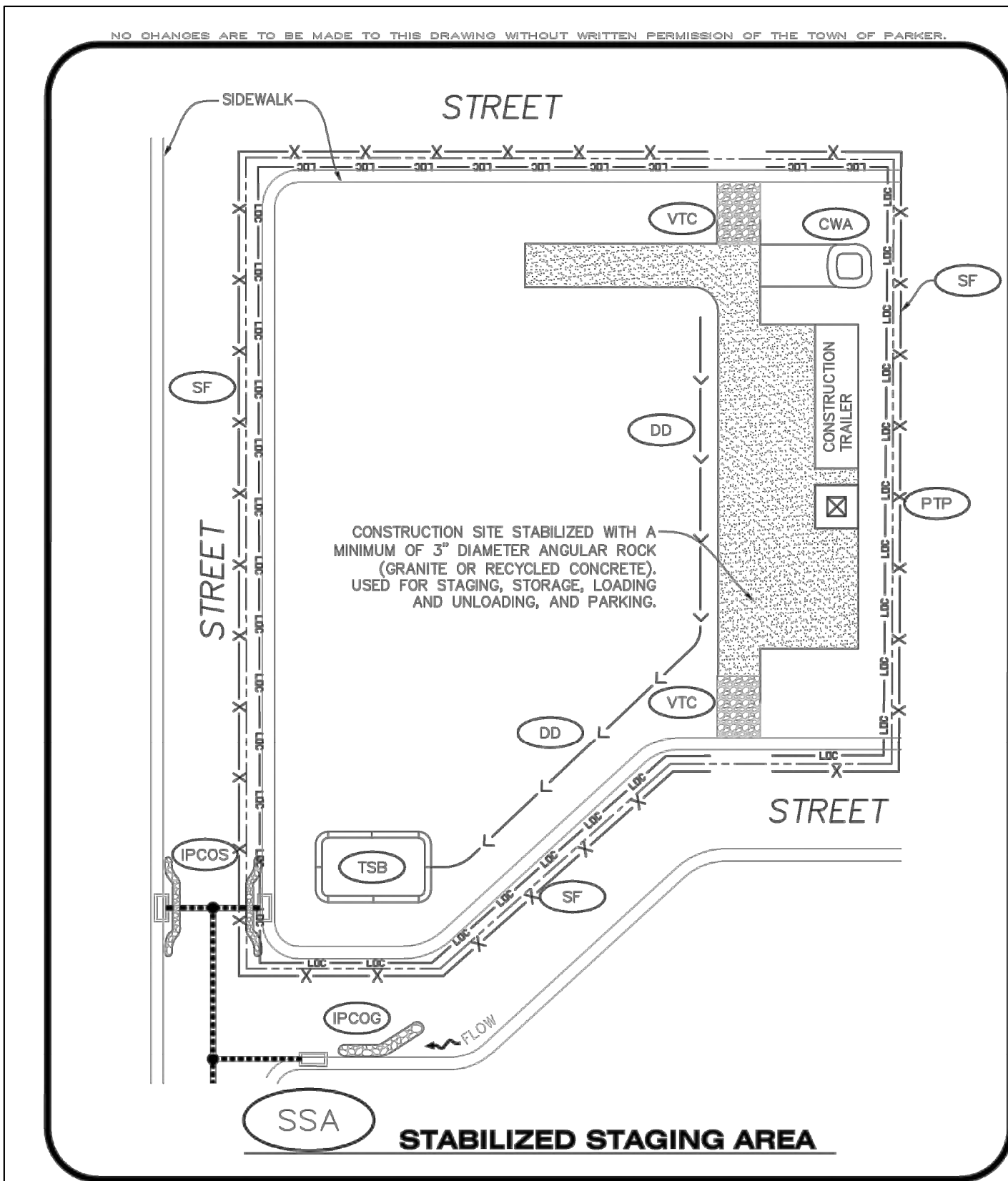
**COMPARK VILLAGE SOUTH**  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS  
 CBMP DETAILS

ISSUED FOR REVIEW

JOB NUMBER: 65120550  
 DATE: 2/25/2022  
 SHEET: C5.9  
 22



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**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**SSA** 1 OF 2 Oct. 2013

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

**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.

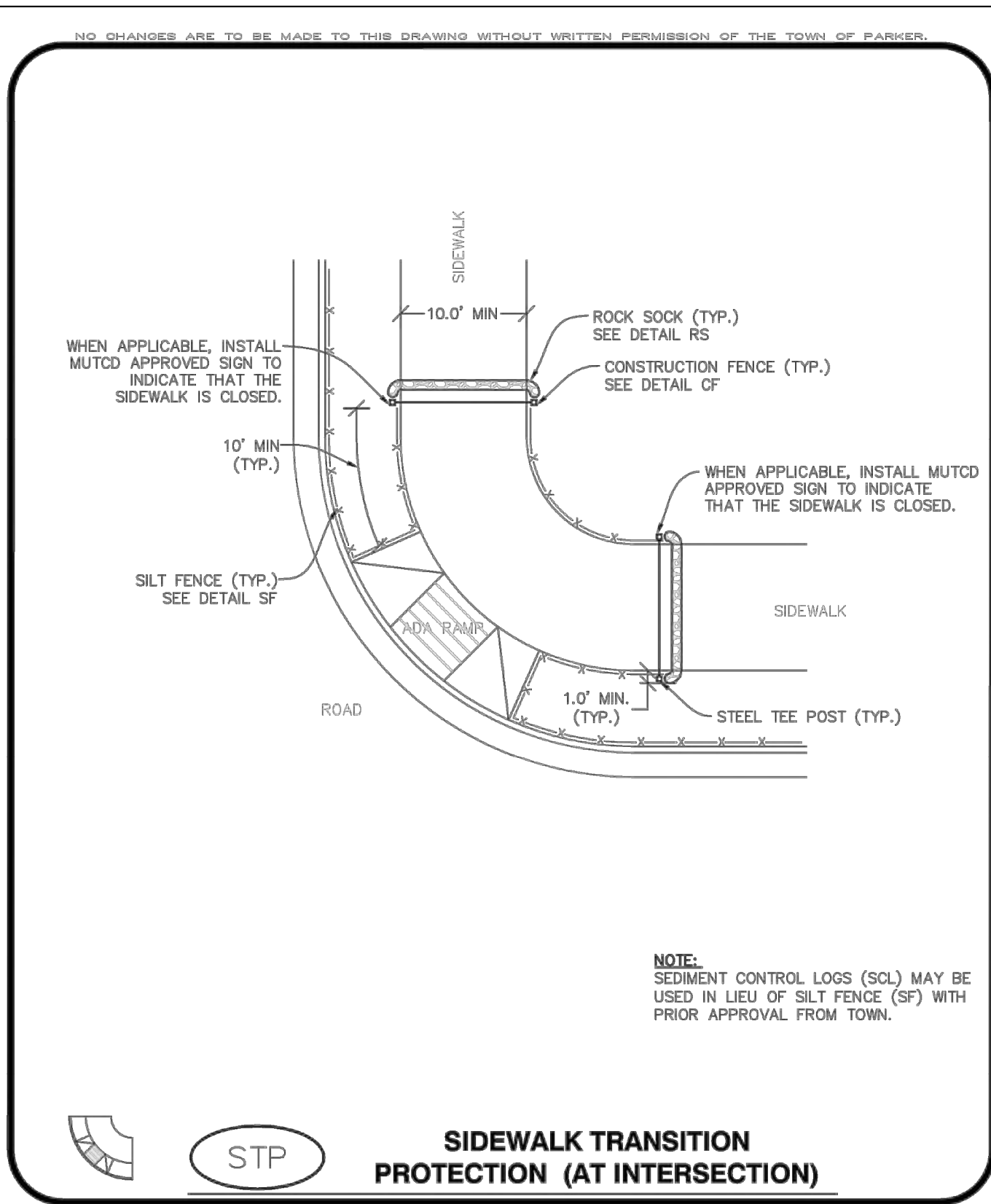
**STABILIZED STAGING AREA INSPECTION AND MAINTENANCE NOTES**

- 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.

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

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

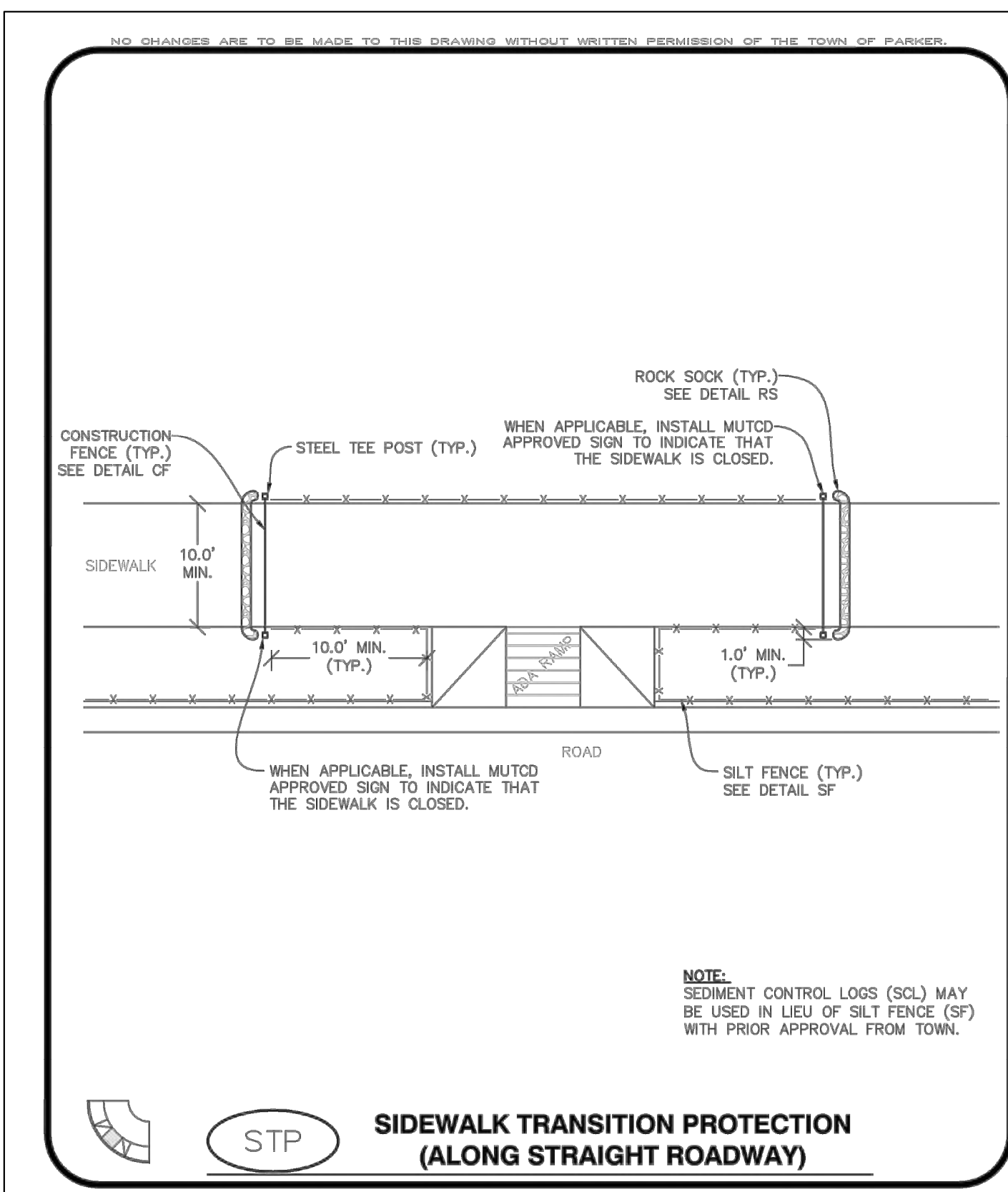
**SSA** 2 OF 2 Oct. 2013



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**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**STP** 1 OF 3 Oct. 2013



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**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**STP** 2 OF 3 Oct. 2013

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

**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.

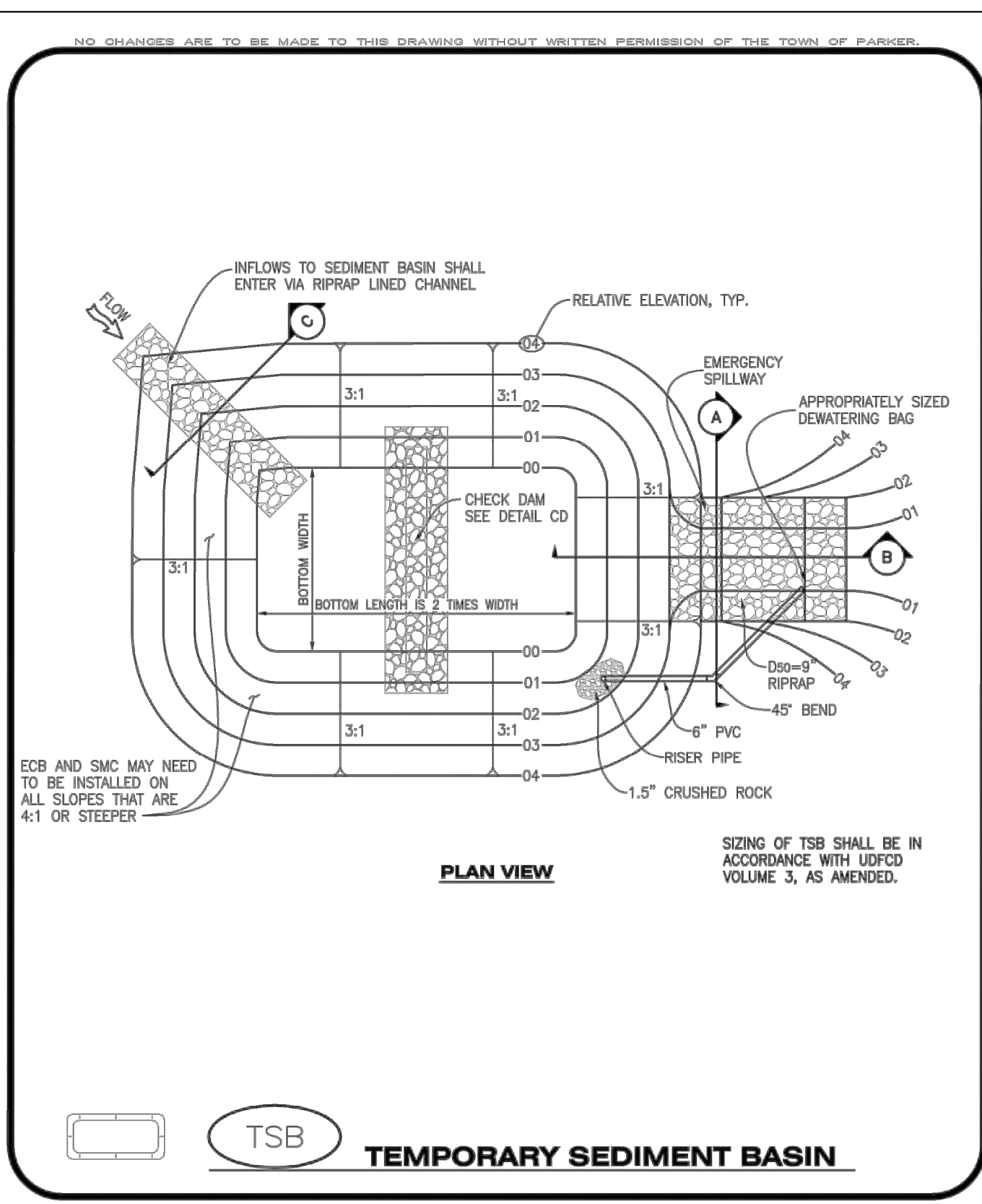
**SIDEWALK TRANSITION PROTECTION INSPECTION & MAINTENANCE NOTES**

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

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

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**STP** 3 OF 3 Oct. 2013



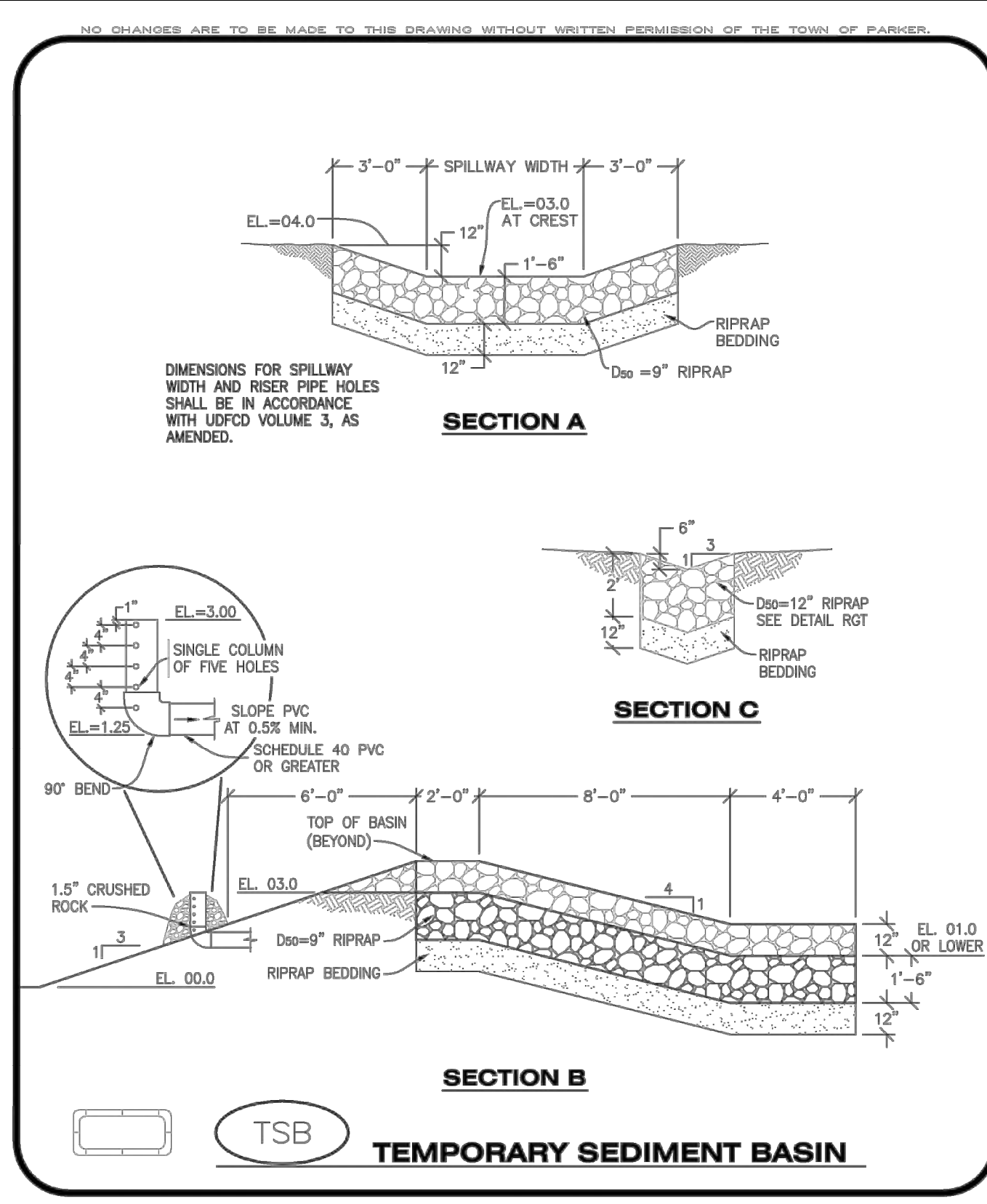
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

**CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES

**TSB** 1 OF 3 Oct. 2013

REV	REVISION DESCRIPTION	DATE	CHKD	CHKD	APPR

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**CBMP** | TSB  
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3  
 Oct. 2013

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

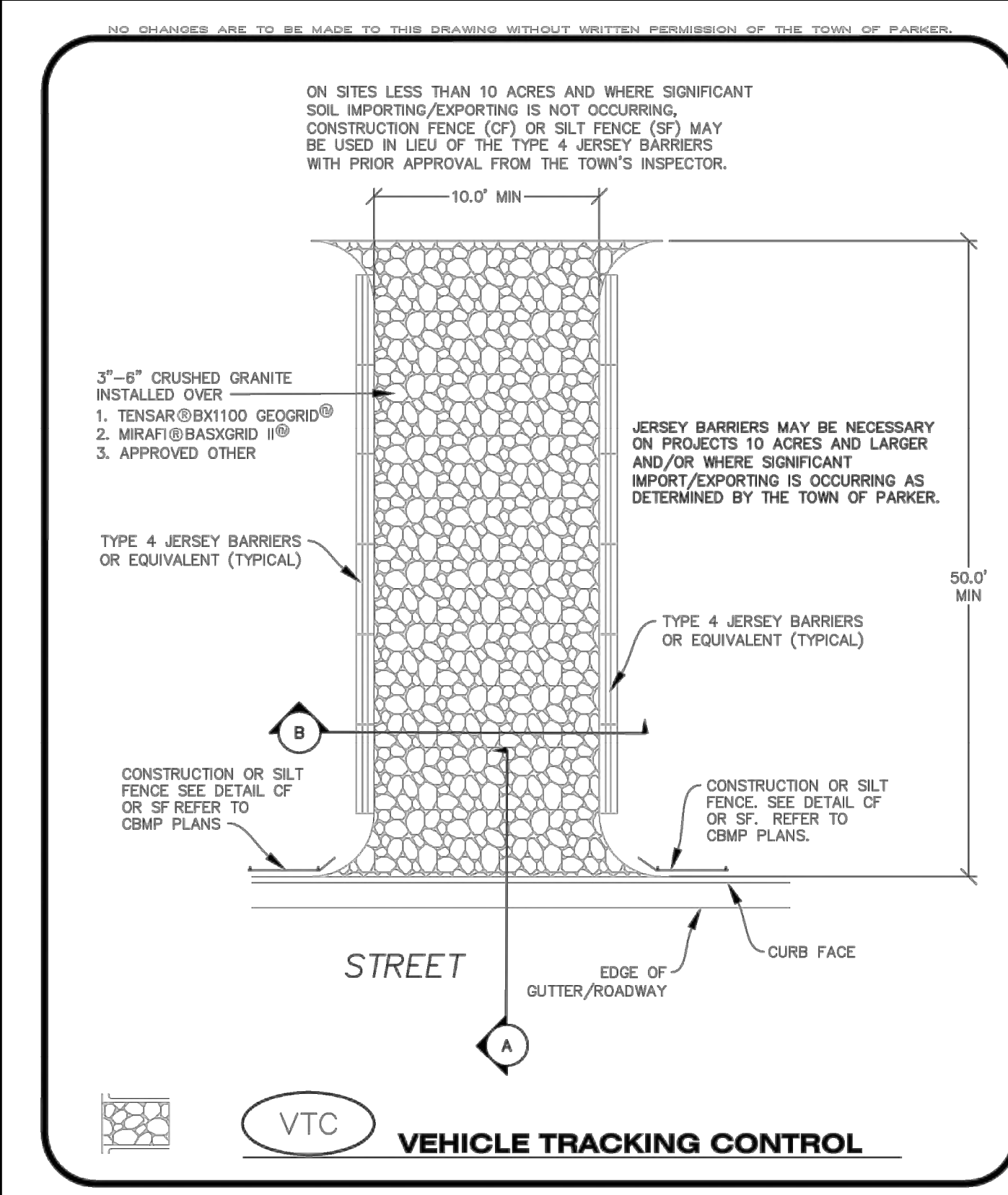
**TEMPORARY SEDIMENT BASIN INSTALLATION NOTES**

- 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%.

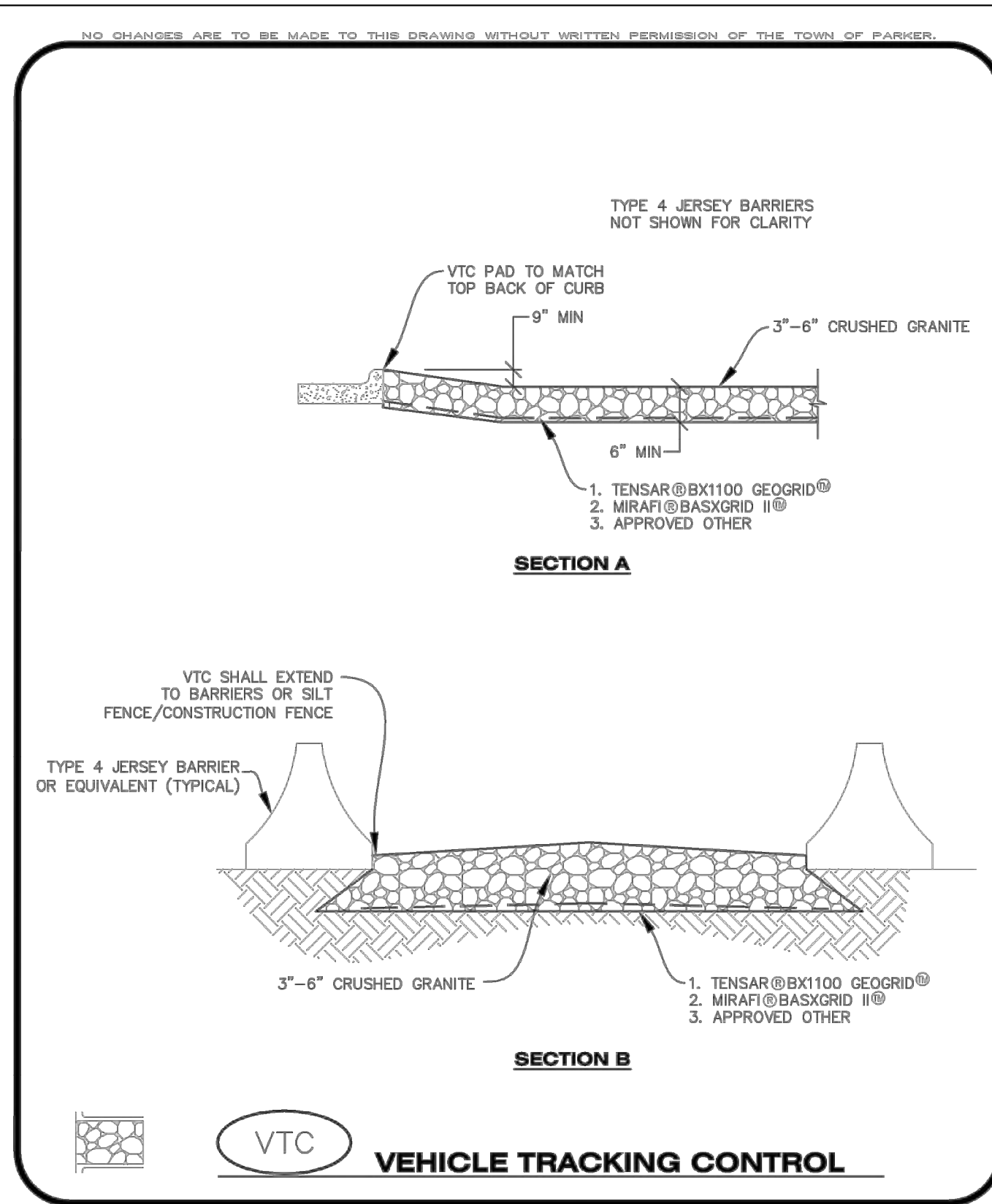
**TEMPORARY SEDIMENT BASIN INSPECTION AND MAINTENANCE NOTES**

- 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** | TSB  
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3  
 Oct. 2013



**CBMP** | VTC  
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3  
 Oct. 2013



**CBMP** | VTC  
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3  
 Oct. 2013

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

**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 BASKGRID 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.

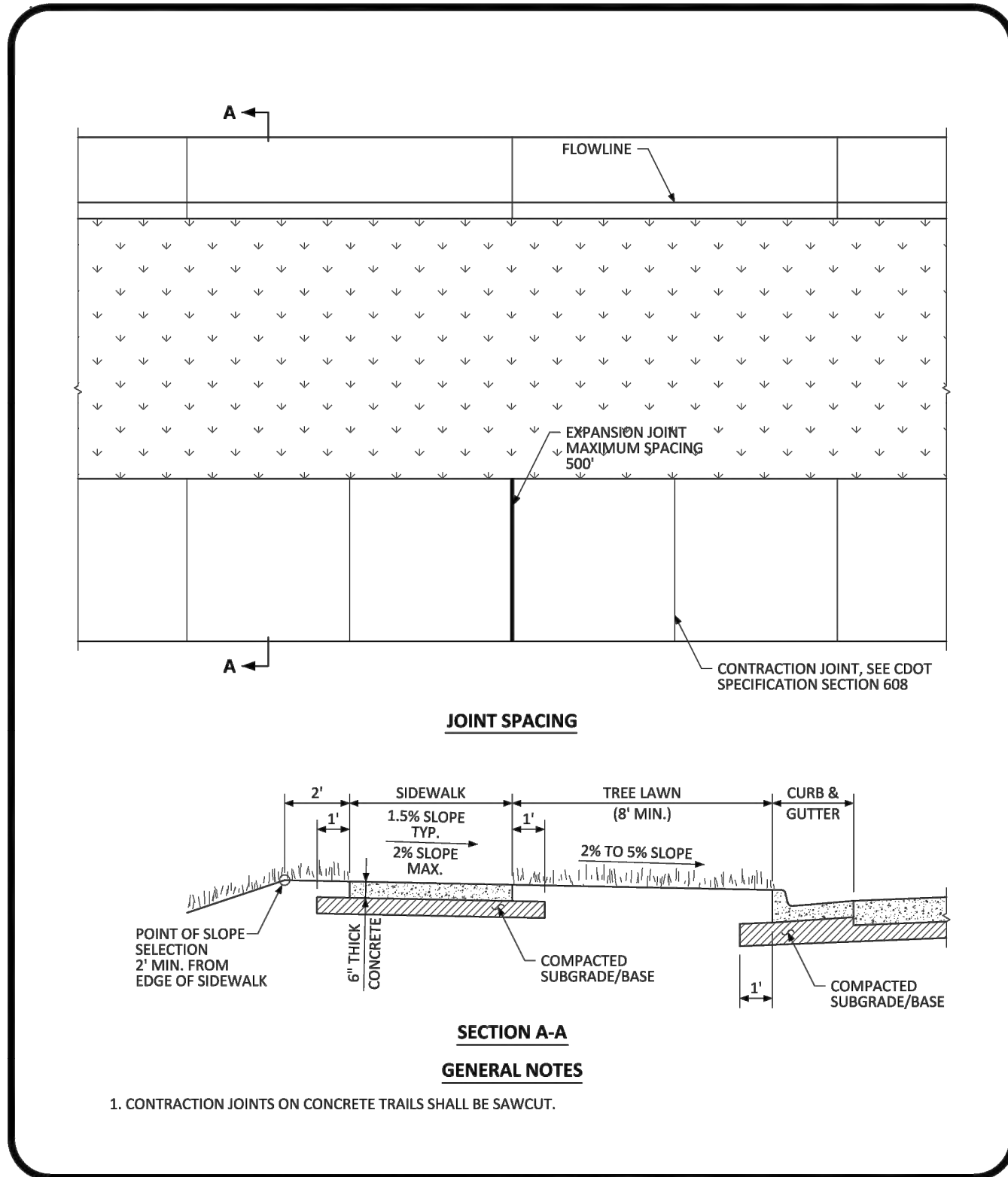
**CBMP** | VTC  
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3  
 Oct. 2013

REV	REVISION DESCRIPTION	DATE	CHKD	CHKD	APPR

**COMPARK VILLAGE SOUTH**  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS  
 CBMP DETAILS

ISSUED FOR REVIEW  
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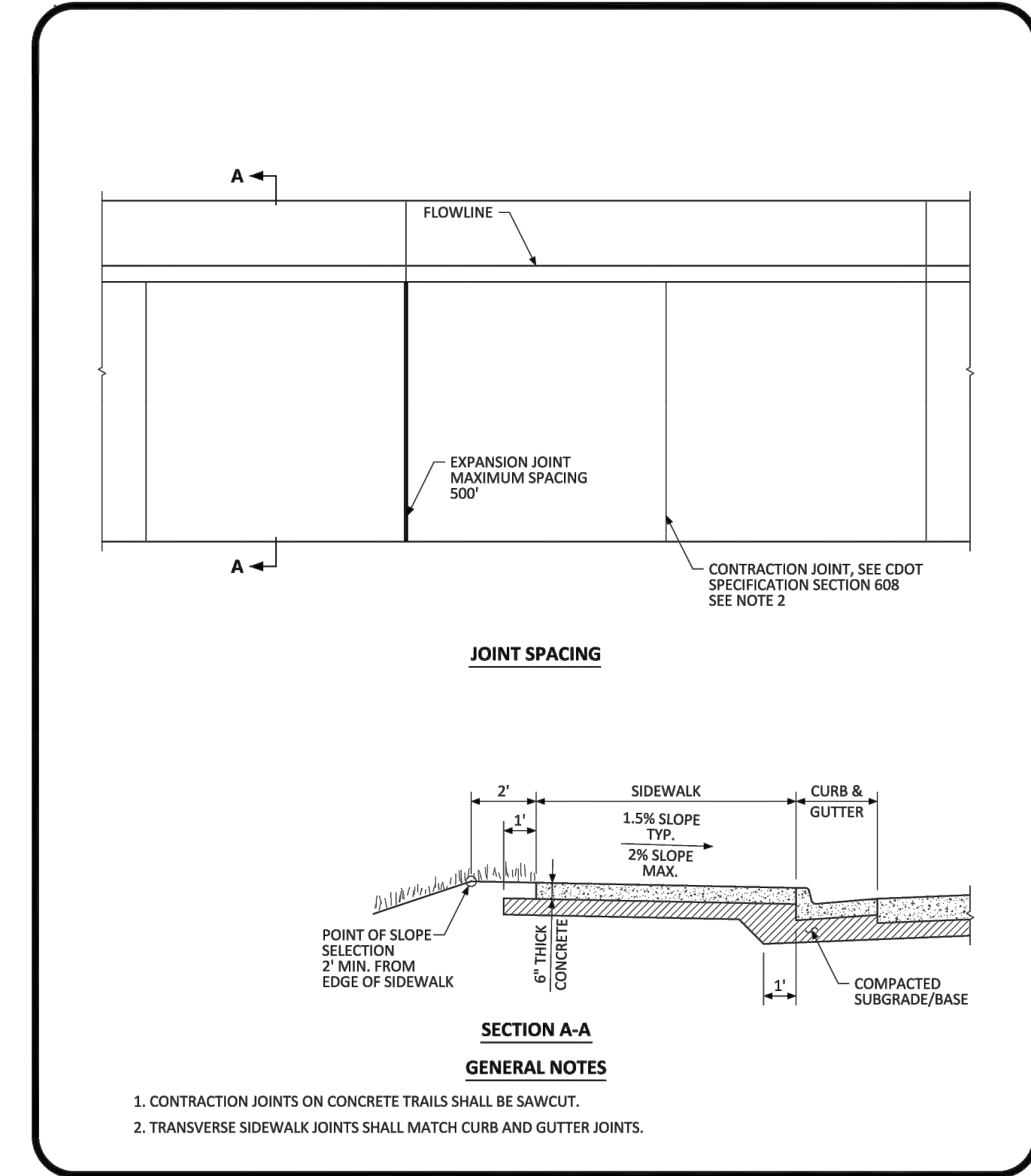
**PARKER COLORADO**

**DETACHED SIDEWALK STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **4**

1 OF 2



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

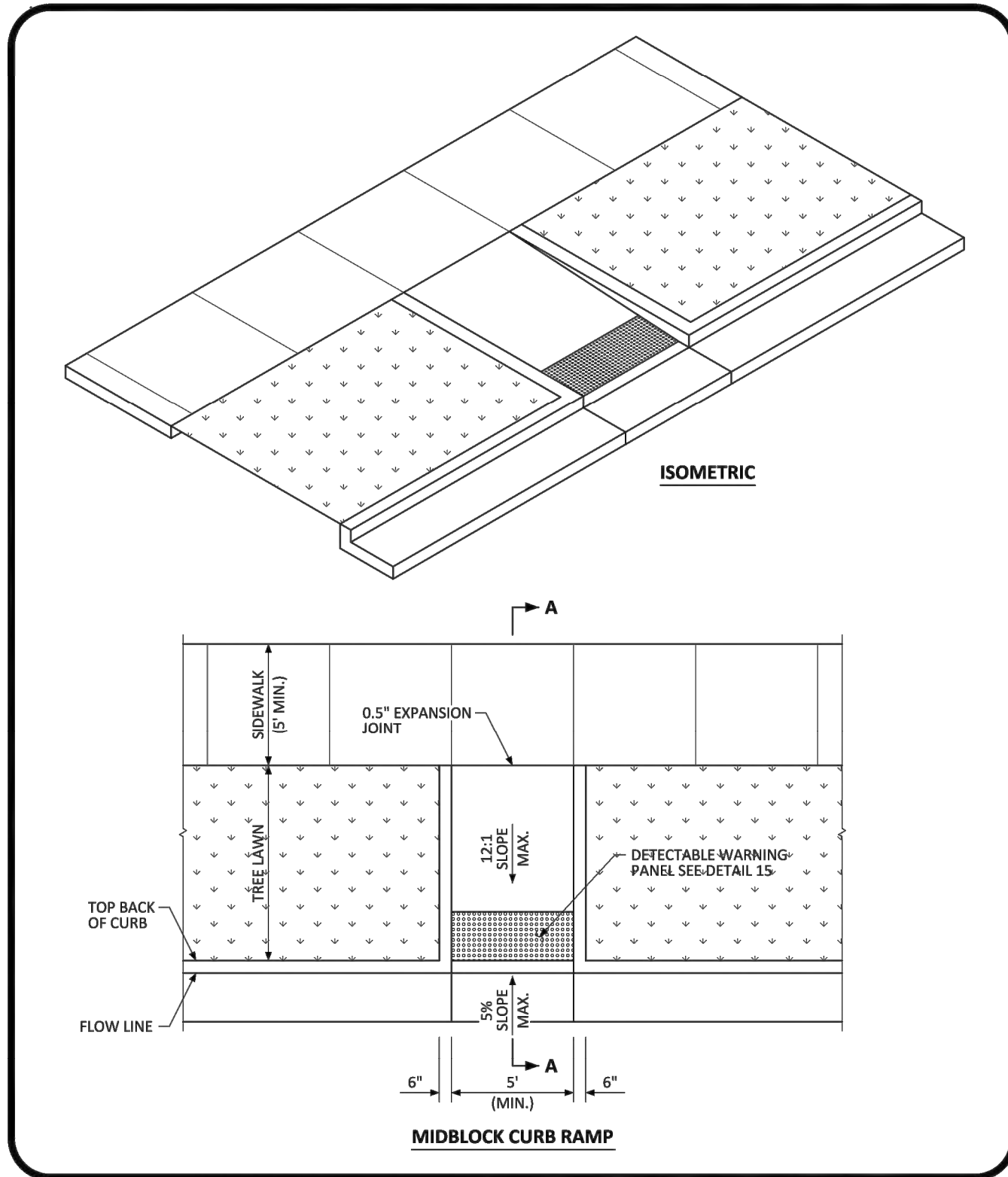
**PARKER COLORADO**

**ATTACHED SIDEWALK STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **4**

2 OF 2



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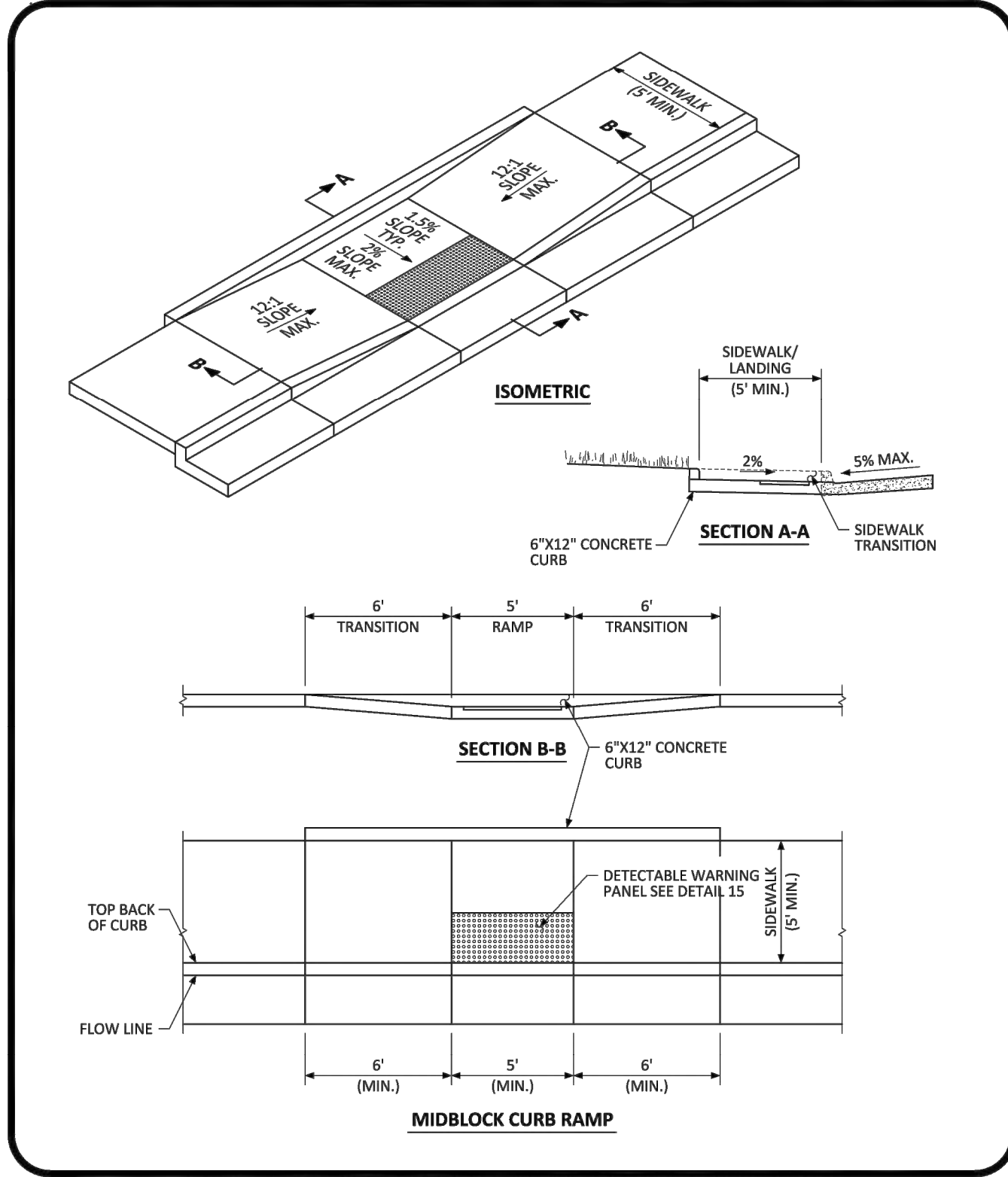
**PARKER COLORADO**

**MIDBLOCK CURB RAMP LAYOUT STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **17**

1 OF 2



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

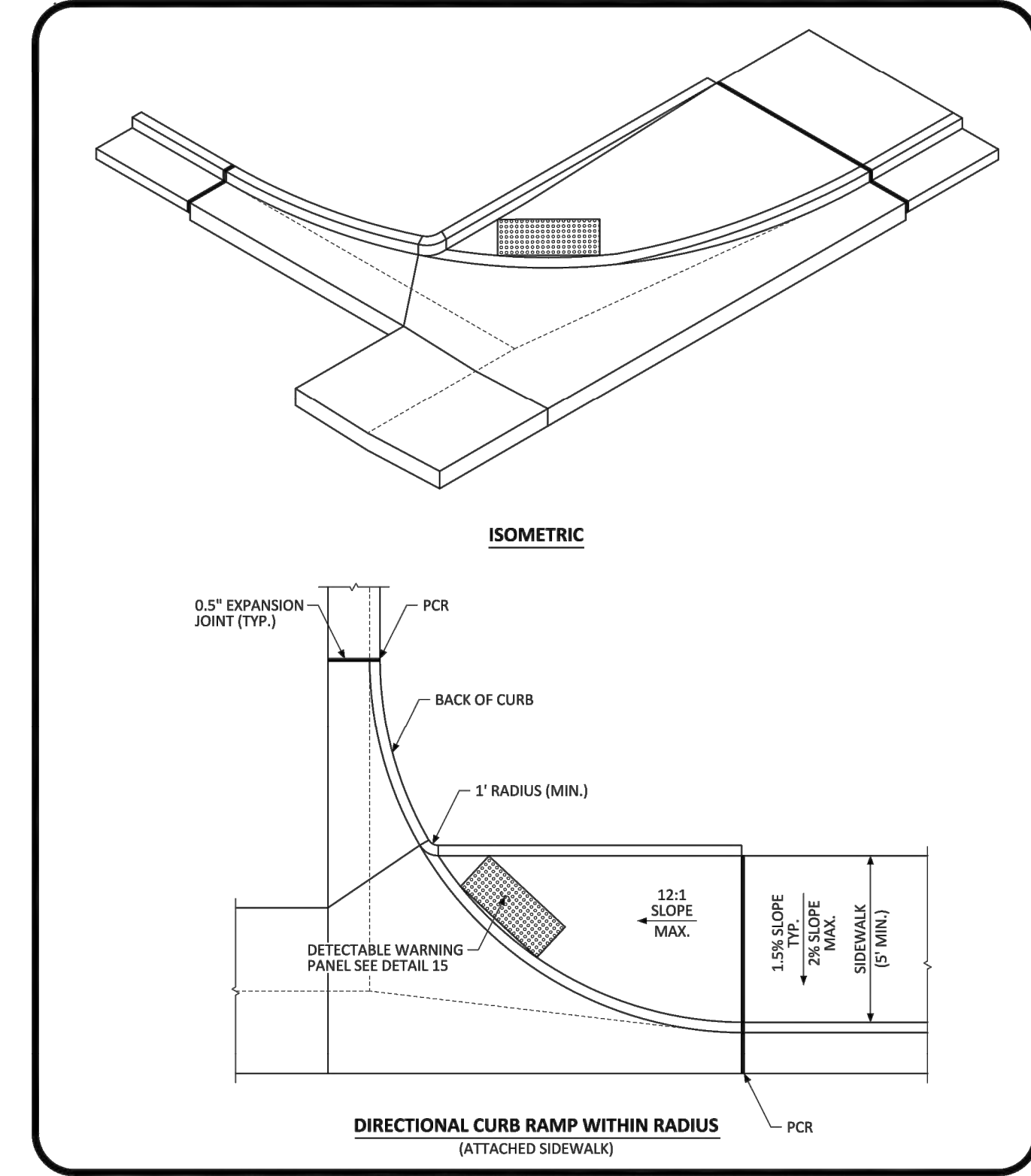
**PARKER COLORADO**

**MIDBLOCK CURB RAMP LAYOUT STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **17**

2 OF 2



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

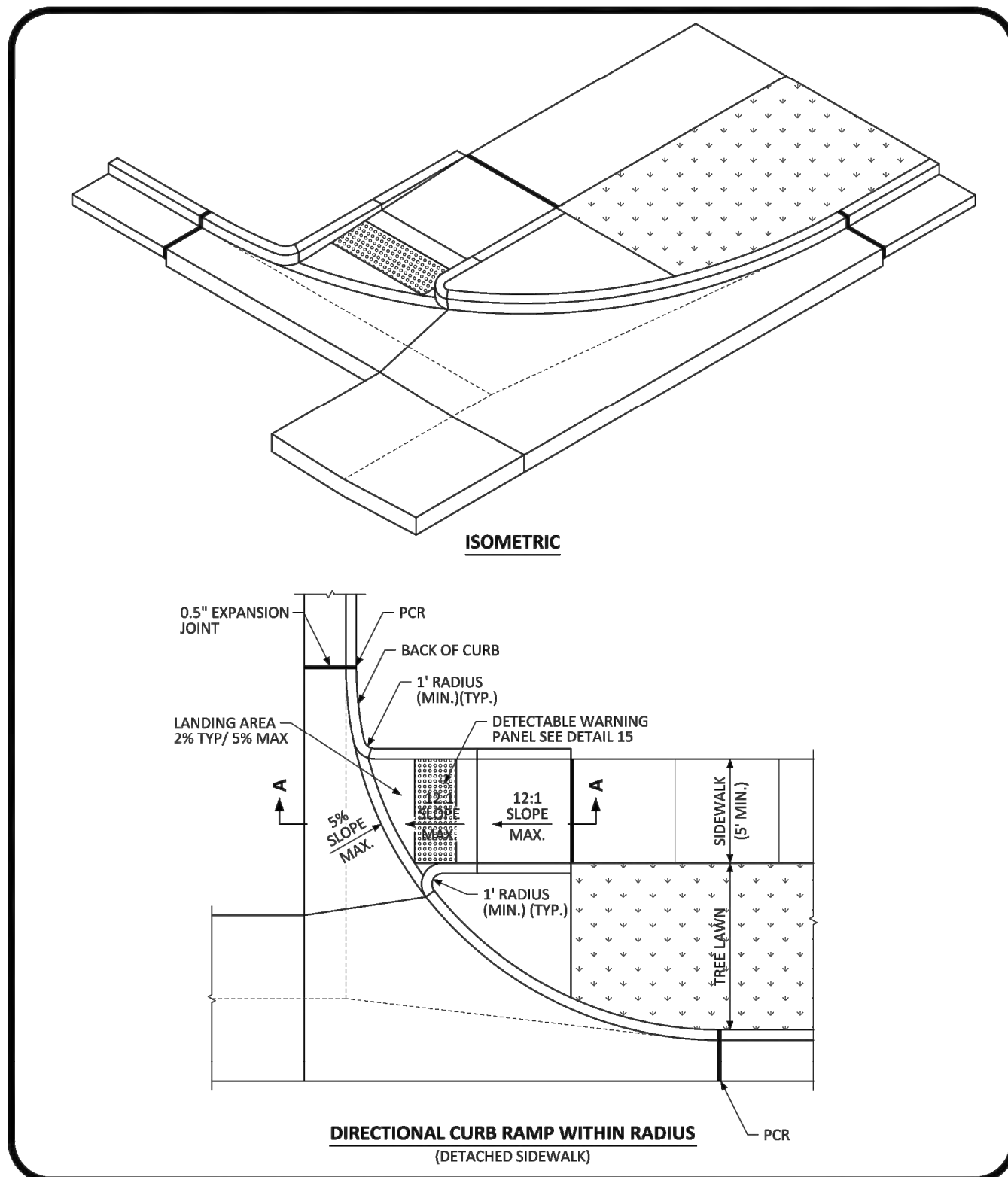
**PARKER COLORADO**

**DIRECTIONAL CURB RAMP WITHIN RADIUS LAYOUT STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **18**

1 OF 2



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

**PARKER COLORADO**

**DIRECTIONAL CURB RAMP WITHIN RADIUS LAYOUT STANDARD DETAIL**

DATE NOVEMBER 2020

DETAIL **18**

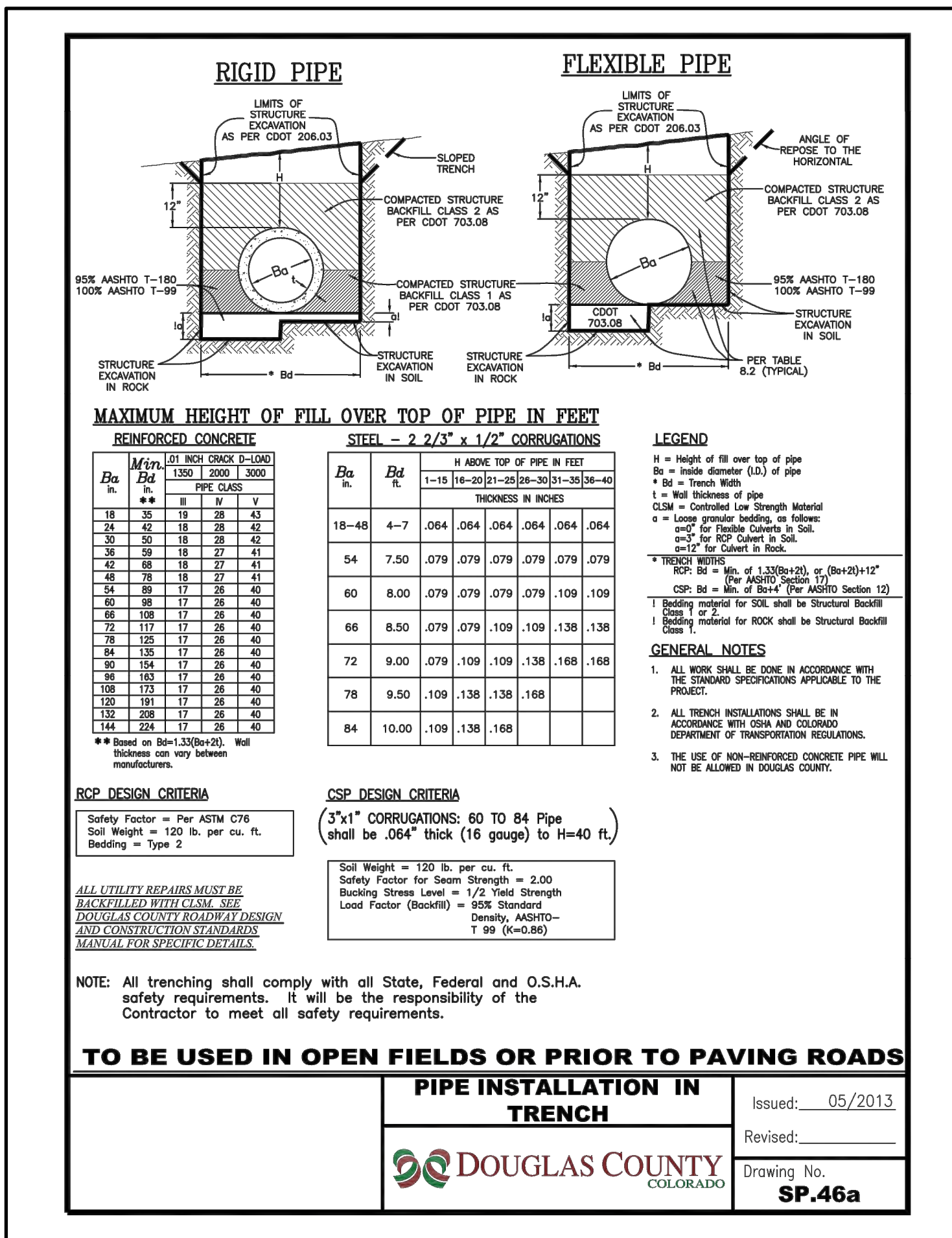
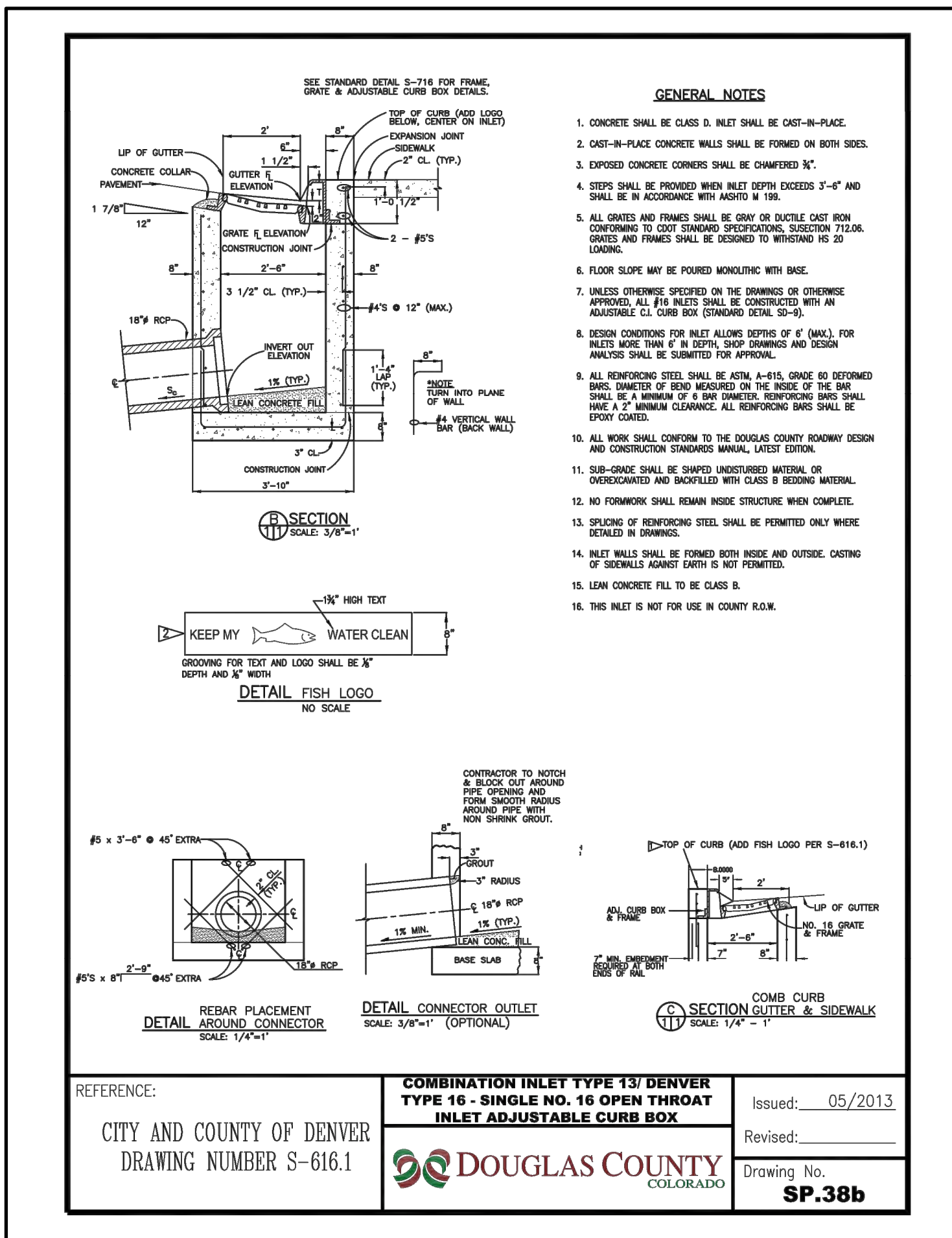
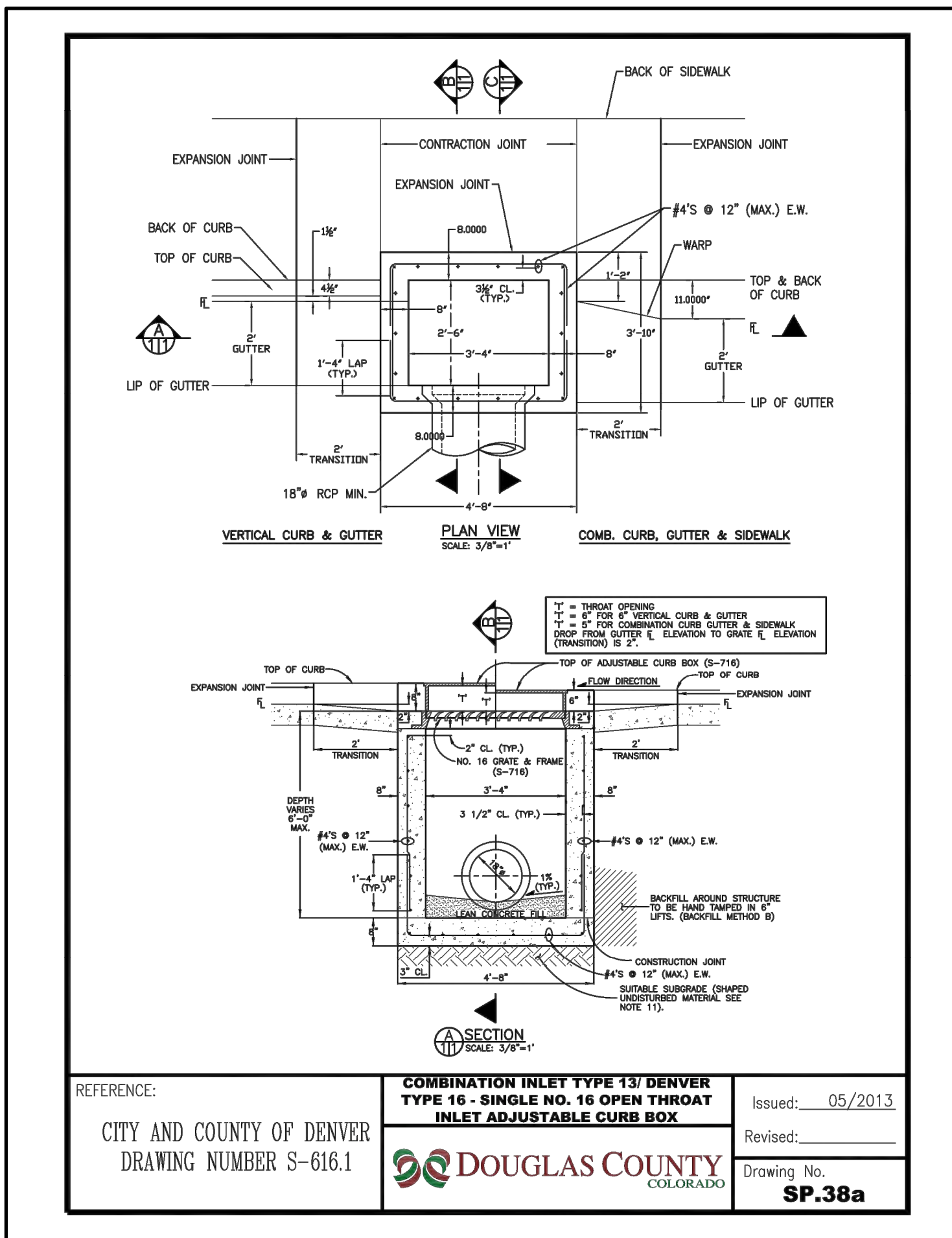
2 OF 2

NO.	DATE	DESCRIPTION	BY	CHKD	APPR

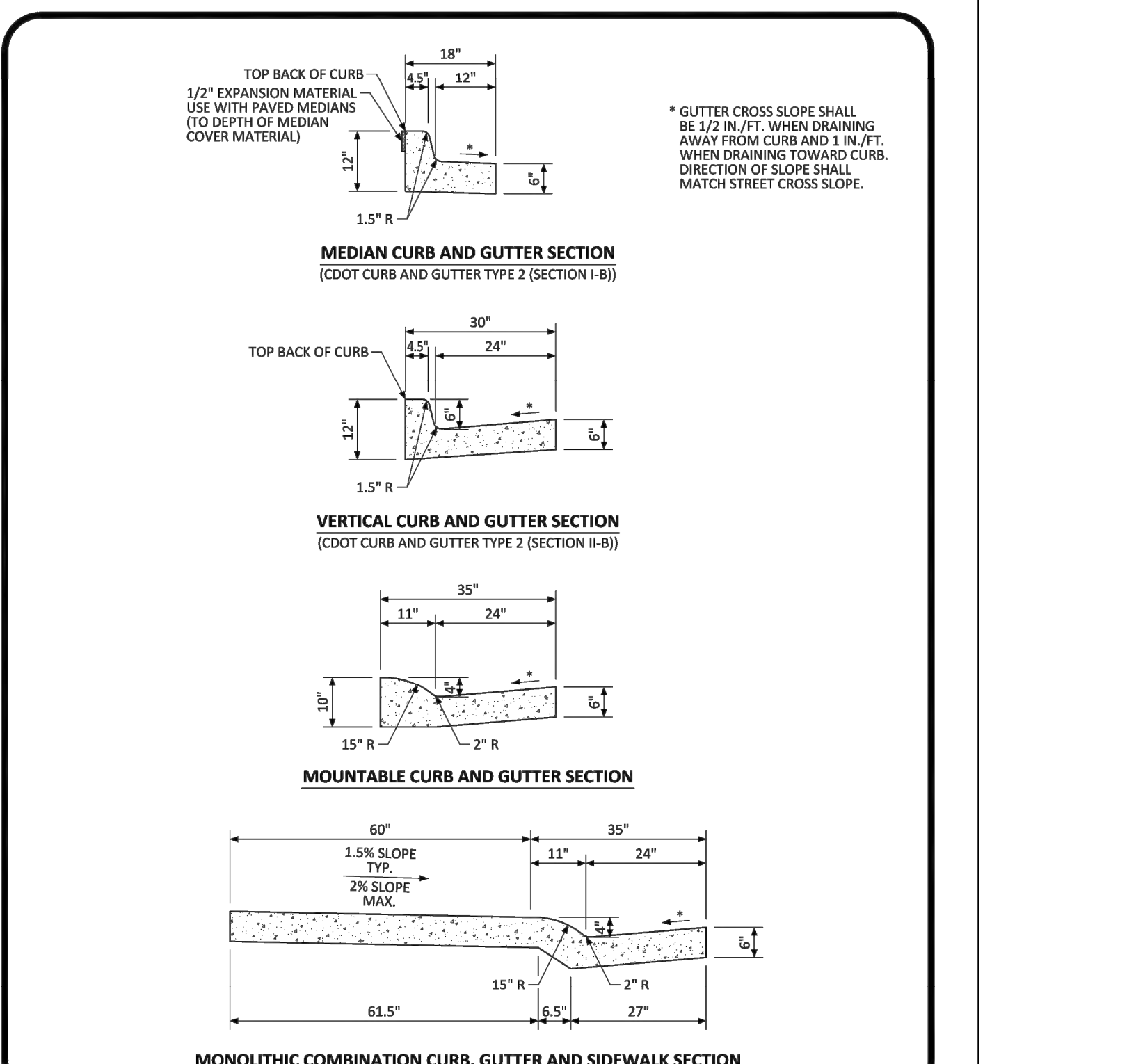
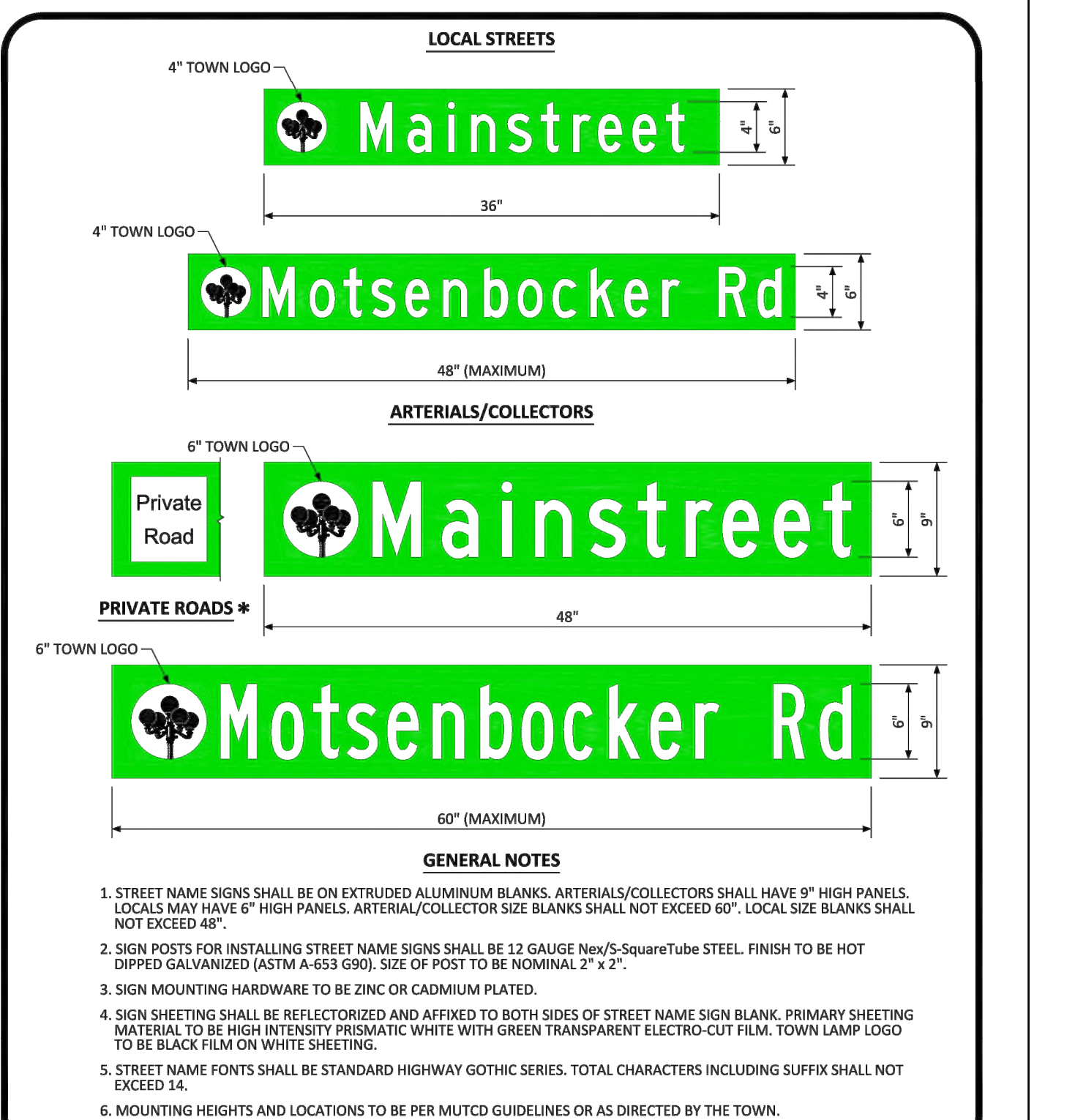
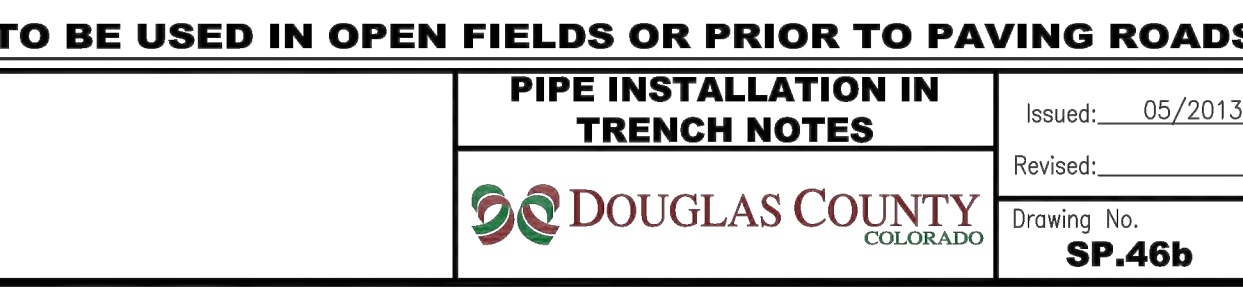
**COMPARK VILLAGE SOUTH**  
 PRIVATE IMPROVEMENT  
 CONSTRUCTION PLANS

STANDARD DETAILS

THE NEW ORANGE COUNTY WATER TREATMENT PLANT IS AN INSTRUMENT OF SERVICE PROVIDED BY MERRICK AND COMPANY, INC. A FEE FOR PROJECT, REUSE OR MODIFICATION OF ANY INFORMATION NOT A FEE FOR REUSE OF THE PROJECT OR PART THEREOF. THE PROJECT OR PART THEREOF OR ANY OTHER INFORMATION SHALL BE THE PROPERTY OF MERRICK AND COMPANY. ANY REUSE OF THE PROJECT OR PART THEREOF WITHOUT THE WRITTEN PERMISSION OF MERRICK AND COMPANY SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO MERRICK AND COMPANY.



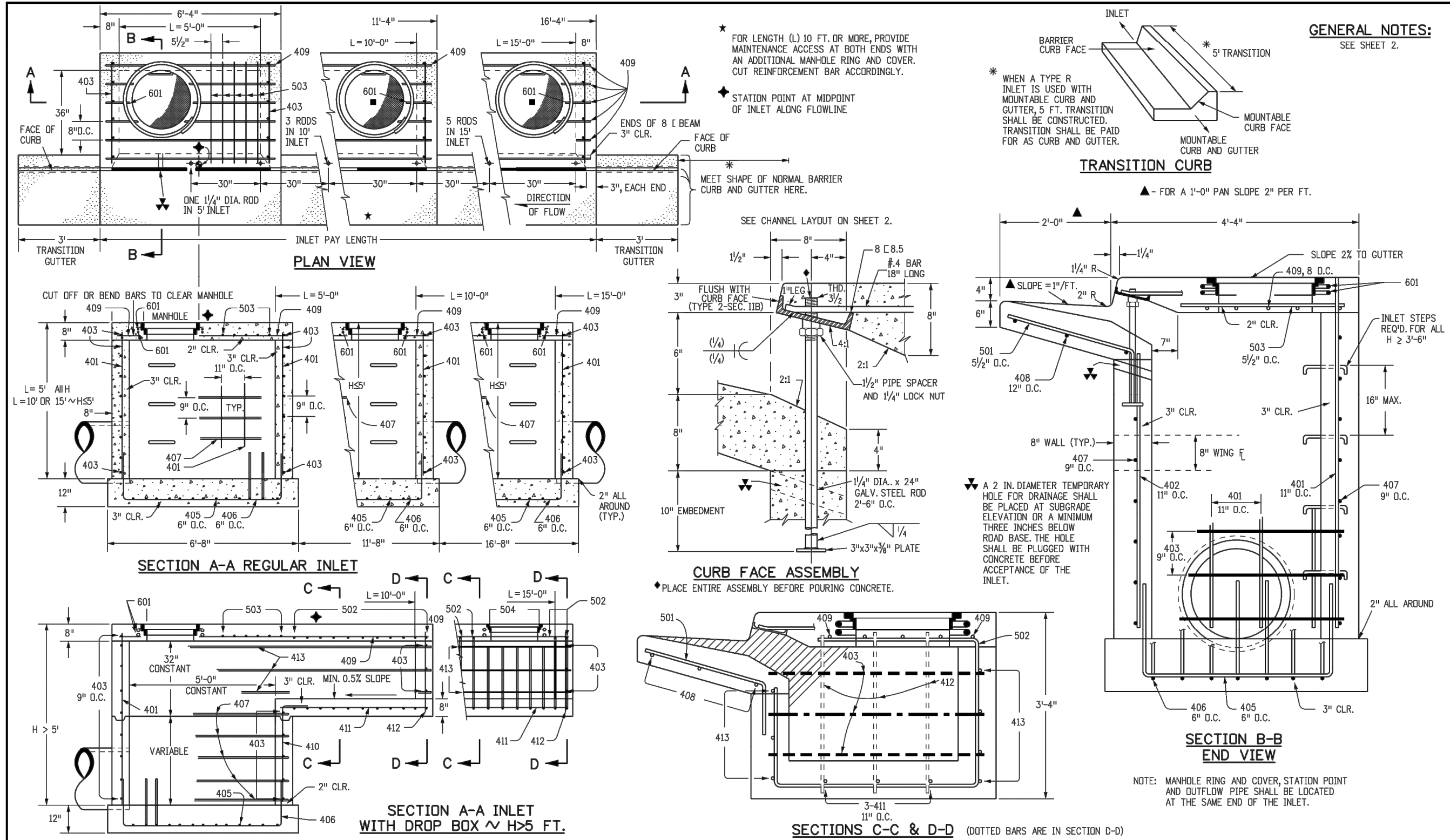
- NOTES:**
- This trench backfill detail specifies requirements in addition to those specified in the latest edition of the Colorado Department of Transportation's Standard Specifications for Road and Bridge Construction.
  - A construction traffic control plan shall be submitted to and approved by Douglas County prior to issuance of construction permits in the County right-of-way.
  - Trench shall be braced or shored as necessary for the safety of the workers and protection of other utilities or structures in accordance with applicable local, state and federal safety regulations.
  - The trench width shall be confined to those minimum dimensions, which will permit proper installation and acceptable pipe loading, as established by current local, state and federal Safety regulations.
  - Backfill compaction requirements: Minimum density will be determined in accordance with AASHTO T 99 or T 180 as defined by CDOT Standard Specifications Section 203.07 and CDOT 703.03. Except for CLSM.
  - Full depth asphalt can be used as an alternative to base course.
  - Pavement edges shall be saw-cut. Edges shall be tack coated prior to patching.
  - All storm sewers shall be constructed so that a minimum cover is maintained to withstand AASHTO HS-20 loading on the pipe. The minimum cover to withstand live loading depends upon the pipe size, type and class, and soil bedding condition, but shall be not less than 1-foot at any point along the pipe. Other factors that affect the depth of the pipe are hydraulic grade line elevations, inlet depths, adjacent utilities or utility crossings, including water and sewer services lines along residential streets, and connections to existing storm sewer systems. The roadway subgrade, which supports the pavement section is typically plowed to a certain depth, moisture treated and compacted prior to the placement of the sub-base, base course, and surfacing. There are also instances where the subgrade material must be excavated and replaced or treated to a certain depth to mitigate swelling soils. These efforts can impact the storm sewer system if it has not been designed with adequate depth. The design engineer shall use the best information available, including pavement design or soils reports (if available) to ensure that storm sewer pipes have adequate depth.
  - Changes in design criteria will require compensating change in pipe design.
  - When pipe sewer is to be extended or replaced with pipe of different material, the connections shall conform to the detail shown on plans or be approved through Douglas County Engineering.
  - When two or more conduits are laid side-by-side, they shall be placed so that they are 1/2 outside diameter, or 3" apart, whichever is less. However, if end sections are used, the minimum spacing shall be 1' between the outside edge of end sections.
  - TRENCH INSTALLATION** (per OSHA Standards):
    - Trenches over 5 feet in depth shall be either shored or the trench walls shall be sloped no steeper than 5:1 to the angle of repose. If sloped, the bottom of the slope shall be a minimum of 1 foot above the top of the pipe.
    - Shoring will be required when the bottom of the slope is more than 3 feet above the bottom of the trench.
    - All sheeting or shoring to be removed.
  - CLSM may be used in place of Structural Backfill.
  - CLSM shall not exceed a strength over 1000 p.s.i.
- REFERENCE: Douglas County Drainage Manual and Colorado Department of Transportation "M" Standards.



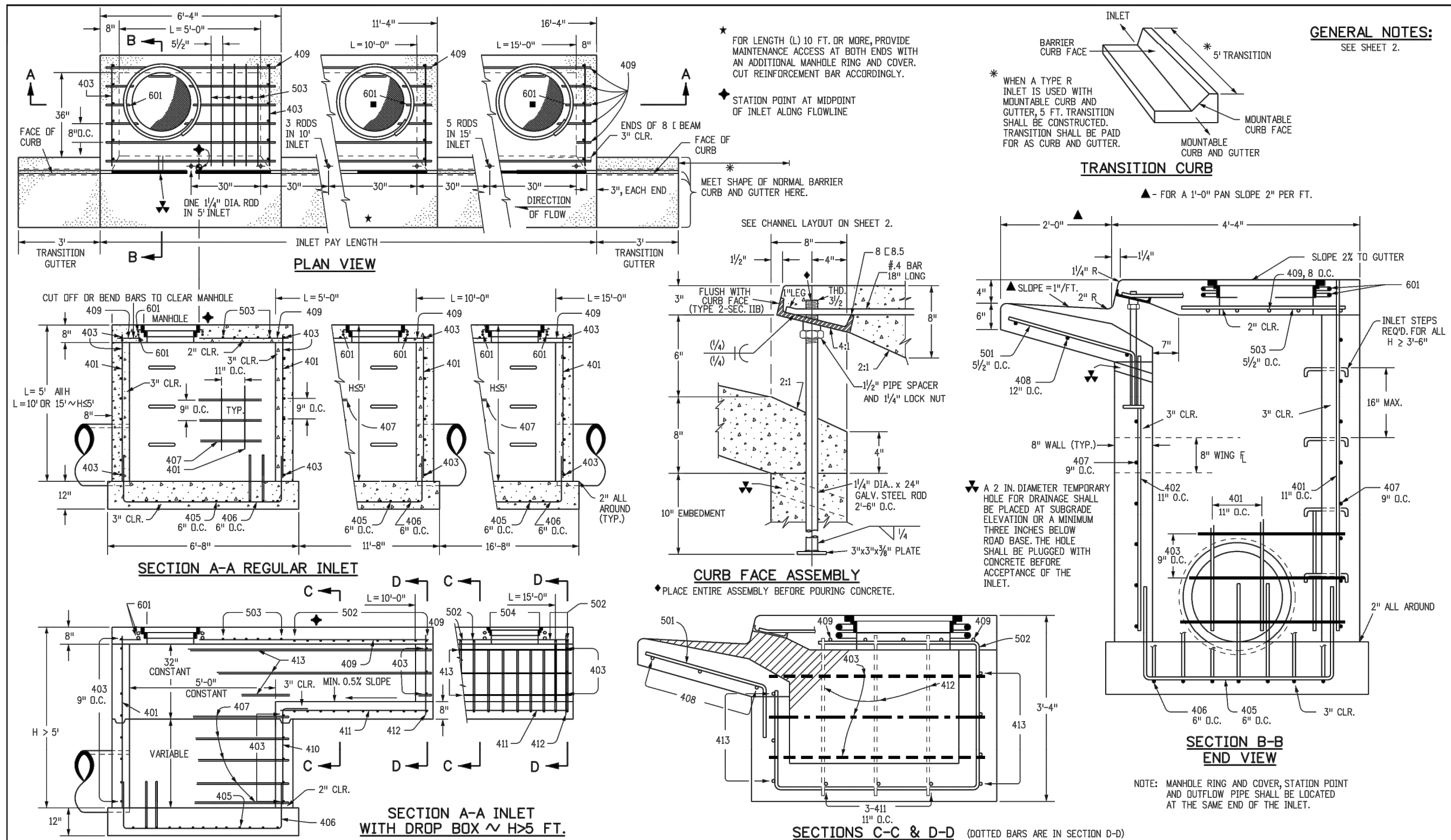
REV	REVISION DESCRIPTION	DATE	CHKD	APPRI



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<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b>		<b>CURB INLET TYPE R</b>		<b>STANDARD PLAN NO. M-604-12</b>	
Creation Date: 07/31/19	Designer Initials: JBK	Date:	Comments:	2829 West Howard Place	2829 West Howard Place	2829 West Howard Place	2829 West Howard Place	2829 West Howard Place	2829 West Howard Place
Last Modification Date: 07/31/19	Detailer Initials: LTA			CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor
Scale: Not to Scale	Units: English			Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204
				Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021
				FAX: 303-757-9868	FAX: 303-757-9868	FAX: 303-757-9868	FAX: 303-757-9868	FAX: 303-757-9868	FAX: 303-757-9868
				Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch
				JBK	JBK	JBK	JBK	JBK	JBK
				Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019



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Last Modification Date: 07/31/19	Detailer Initials: LTA			CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor	CDOT HQ, 3rd Floor
Scale: Not to Scale	Units: English			Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204	Denver, CO 80204
				Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021	Phone: 303-757-9021
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				Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch	Project Development Branch
				JBK	JBK	JBK	JBK	JBK	JBK
				Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019	Issued by the Project Development Branch: July 31, 2019

MARK	BAR # OR SIZE	C.L.C. SPACING	TYPE	ALL INLETS					
				L = 5 FT.		L = 10 FT.		L = 15 FT.	
				NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH	NO. REQ'D.	LENGTH
401	4	11"	II	15	21	26	31	37	43
402	4	11"	II	7	13	18	23	28	33
403	4	9"	II	8	14	19	24	29	34
405	4	6"	VI	11	16	21	26	31	36
406	4	6"	VIII	7	12	17	22	27	32
407	4	9"	II	8	14	19	24	29	34
408	4	12"	III	3	5	7	9	11	13
409	4	8"	II	6	10	14	18	22	26
410	4	11"	II	8	14	19	24	29	34
411	4	11"	II	8	14	19	24	29	34
412	4	11"	II	8	14	19	24	29	34
413	4	9"	II	8	14	19	24	29	34

**TABLE ONE ~ BAR LIST FOR CURB INLETS, TYPE "R"**

INLET	LENGTH	NO. REQ'D.		L = 5 FT.		L = 10 FT.		L = 15 FT.	
		REGULAR	DROP BOX	CONC.	STEEL	CONC.	STEEL	CONC.	STEEL
3'-0"	2'-0"	10	7	3.2	285	5.3	497	7.4	706
3'-6"	2'-0"	10	7	3.4	305	5.7	528	7.9	747
4'-0"	2'-0"	12	9	3.7	328	6.0	559	8.4	786
4'-6"	2'-0"	12	9	3.9	354	6.4	571	8.8	803
5'-0"	2'-0"	14	11	4.1	384	6.7	602	9.3	844
5'-6"	2'-0"	14	11	4.4	417	7.1	634	9.8	886
6'-0"	2'-0"	16	13	4.6	453	7.5	666	10.3	928
6'-6"	2'-0"	16	13	4.8	492	7.9	702	10.8	970
7'-0"	2'-0"	17	13	5.0	533	8.3	739	11.3	1012
7'-6"	2'-0"	17	13	5.3	577	8.7	777	11.8	1054
8'-0"	2'-0"	18	15	5.5	624	9.1	816	12.3	1096
8'-6"	2'-0"	18	15	5.8	674	9.5	857	12.8	1138
9'-0"	2'-0"	19	15	6.1	726	9.9	900	13.3	1180
9'-6"	2'-0"	19	15	6.4	781	10.3	944	13.8	1222
10'-0"	2'-0"	20	17	6.7	838	10.7	989	14.3	1264
10'-6"	2'-0"	20	17	7.0	897	11.1	1036	14.8	1306
11'-0"	2'-0"	21	17	7.3	958	11.5	1084	15.3	1348
11'-6"	2'-0"	21	17	7.6	1021	11.9	1133	15.8	1390
12'-0"	2'-0"	22	19	7.9	1087	12.3	1184	16.3	1432
12'-6"	2'-0"	22	19	8.2	1156	12.7	1236	16.8	1474
13'-0"	2'-0"	23	19	8.5	1228	13.1	1290	17.3	1516
13'-6"	2'-0"	23	19	8.8	1303	13.5	1346	17.8	1558
14'-0"	2'-0"	24	21	9.1	1381	13.9	1404	18.3	1600
14'-6"	2'-0"	24	21	9.4	1462	14.3	1464	18.8	1642
15'-0"	2'-0"	25	21	9.7	1546	14.7	1526	19.3	1684
15'-6"	2'-0"	25	21	10.0	1633	15.1	1590	19.8	1726
16'-0"	2'-0"	26	23	10.3	1723	15.5	1656	20.3	1768
16'-6"	2'-0"	26	23	10.6	1816	15.9	1724	20.8	1810
17'-0"	2'-0"	27	25	10.9	1912	16.3	1794	21.3	1852
17'-6"	2'-0"	27	25	11.2	2011	16.7	1866	21.8	1894
18'-0"	2'-0"	28	27	11.5	2113	17.1	1940	22.3	1936
18'-6"	2'-0"	28	27	11.8	2218	17.5	2016	22.8	1978
19'-0"	2'-0"	29	29	12.1	2326	17.9	2094	23.3	2020
19'-6"	2'-0"	29	29	12.4	2437	18.3	2174	23.8	2062
20'-0"	2'-0"	30	31	12.7	2551	18.7	2256	24.3	2104
20'-6"	2'-0"	30	31	13.0	2668	19.1	2340	24.8	2146
21'-0"	2'-0"	31	33	13.3	2788	19.5	2426	25.3	2188
21'-6"	2'-0"	31	33	13.6	2911	19.9	2514	25.8	2230
22'-0"	2'-0"	32	35	13.9	3037	20.3	2604	26.3	2272
22'-6"	2'-0"	32	35	14.2	3166	20.7	2696	26.8	2314
23'-0"	2'-0"	33	37	14.5	3298	21.1	2790	27.3	2356
23'-6"	2'-0"	33	37	14.8	3433	21.5	2886	27.8	2398
24'-0"	2'-0"	34	39	15.1	3571	21.9	2984	28.3	2440
24'-6"	2'-0"	34	39	15.4	3712	22.3	3084	28.8	2482
25'-0"	2'-0"	35	41	15.7	3856	22.7	3186	29.3	2524
25'-6"	2'-0"	35	41	16.0	4003	23.1	3290	29.8	2566
26'-0"	2'-0"	36	43	16.3	4153	23.5	3396	30.3	2608
26'-6"	2'-0"	36	43	16.6	4306	23.9	3504	30.8	2650
27'-0"	2'-0"	37	45	16.9	4462	24.3	3614	31.3	2692
27'-6"	2'-0"	37	45	17.2	4621	24.7	3726	31.8	2734
28'-0"	2'-0"	38	47	17.5	4783	25.1	3840	32.3	2776
28'-6"	2'-0"	38	47	17.8	4948	25.5	3956	32.8	2818
29'-0"	2'-0"	39	49	18.1	5116	25.9	4074	33.3	2860
29'-6"	2'-0"	39	49	18.4	5287	26.3	4194	33.8	2902
30'-0"	2'-0"	40	51	18.7	5461	26.7	4316	34.3	2944
30'-6"	2'-0"	40	51	19.0	5638	27.1	4440	34.8	2986
31'-0"	2'-0"	41	53	19.3	5818	27.5	4566	35.3	3028
31'-6"	2'-0"	41	53	19.6	6001	27.9	4694	35.8	3070
32'-0"	2'-0"	42	55	19.9	6187	28.3	4824	36.3	3112
32'-6"	2'-0"	42	55	20.2	6376	28.7	4956	36.8	3154
33'-0"	2'-0"	43	57	20.5	6568	29.1	5090	37.3	3196
33'-6"	2'-0"	43	57	20.8	6763	29.5	5226	37.8	3238
34'-0"	2'-0"	44	59	21.1	6961	29.9	5364	38.3	3280
34'-6"	2'-0"	44	59	21.4	7162	30.3	5504	38.8	3322
35'-0"	2'-0"	45	61	21.7	7366	30.7	5646	39.3	3364
35'-6"	2'-0"	45	61	22.0	7573	31.1	5790	39.8	3406
36'-0"	2'-0"	46	63	22.3	7783	31.5	5936	40.3	3448
36'-6"	2'-0"	46	63	22.6	7995	31.9	6084	40.8	3490
37'-0"	2'-0"	47	65	22.9	8209	32.3	6234	41.3	3532
37'-6"	2'-0"	47	65	23.2	8425	32.7	6386	41.8	3574
38'-0"	2'-0"	48	67	23.5	8643	33.1	6540	42.3	3616
38'-6"	2'-0"	48	67	23.8	8863	33.5	6696	42.8	3658
39'-0"	2'-0"	49	69	24.1	9085	33.9	6854	43.3	3700
39'-6"	2'-0"	49	69	24.4	9309	34.3	7014	43.8	3742
40'-0"	2'-0"	50	71	24.7	9535	34.7	7176	44.3	3784
40'-6"	2'-0"	50	71	25.0	9763	35.1	7340	44.8	3826
41'-0"	2'-0"	51	73	25.3	9993	35.5	7506	45.3	3868
41'-6"	2'-0"								

