

N:\PROJECTS\HSS RANCH\CAD\ENGINEERING\SET\SETMULTIFAMILYCDS\F14TOWN OF PARKER\COVER.DWG, BRIANW, 10/29/2018 1:04 PM



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1-800-922-1987

BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGN, 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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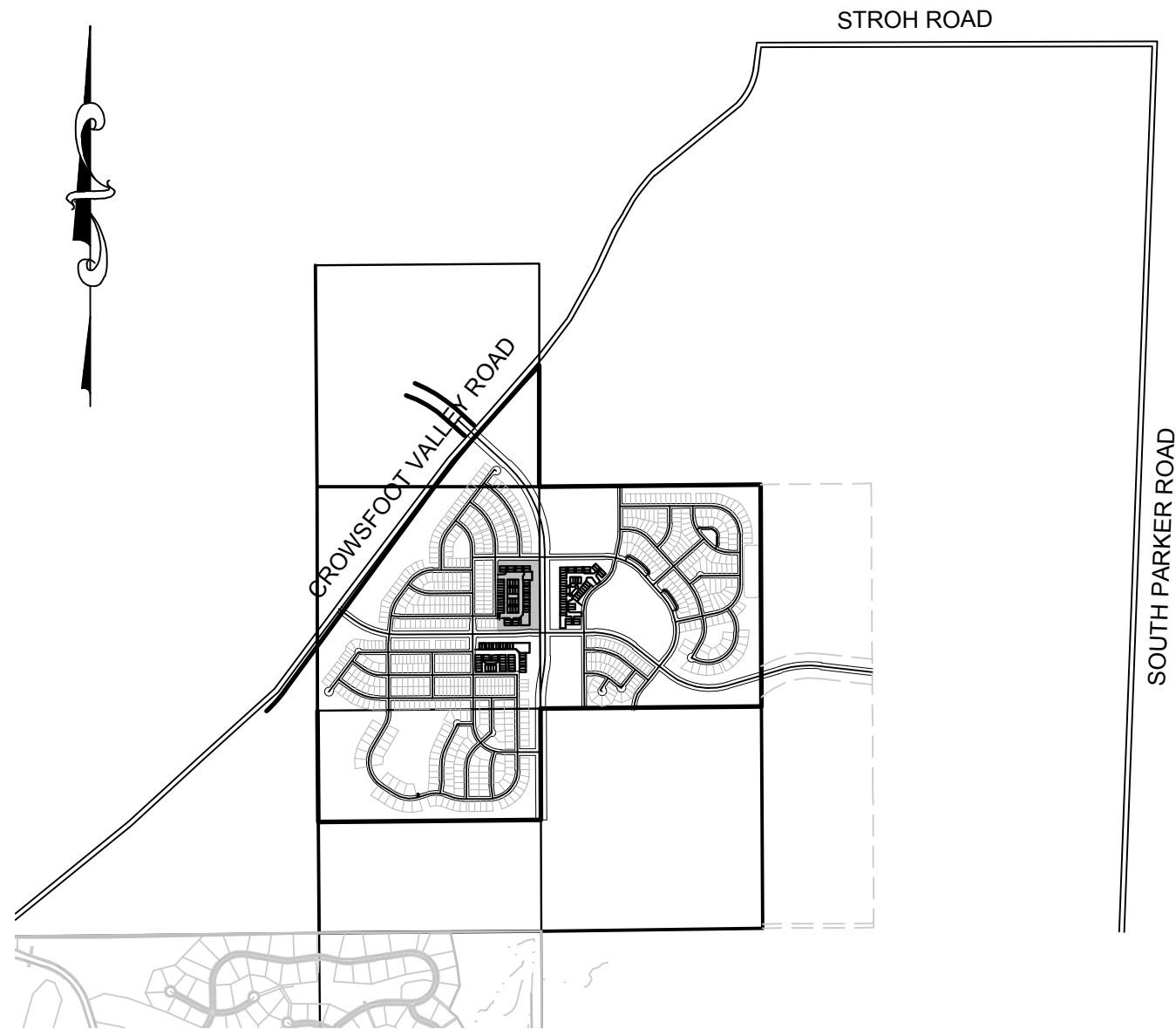
DATE

TRAILS AT CROWFOOT

FILING 14 CONSTRUCTION PLANS

SECTIONS 4, 8, AND 9 TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN COUNTY OF DOUGLAS, STATE OF COLORADO

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VICINITY MAP
SCALE: 1" = 2000'

DEVELOPER

HR 935 LLC
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112
TEL: (303) 770-9111
CONTACT: MATT JANKE

PLANNER/ LANDSCAPE DESIGNER:

PCS GROUP, INC.
200 KALAMATH STREET
DENVER, CO 80233
TEL: (303) 531-4905
CONTACT: JOHN PRESTWICH

SURVEYOR/ ENGINEER:

CVL CONSULTANTS
OF COLORADO, INC.
10333 E. DRY CREEK RD. STE 240
ENGLEWOOD, CO 80112
TEL: (720) 482-9526
CONTACT: JIM JANNICKE

MUNICIPALITY

TOWN OF PARKER
20120 E. MAIN STREET
PARKER, CO 80138
TEL: (303) 841-0353

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THE PROPOSED SUBDIVISION, TRAILS AT CROWFOOT MULTIFAMILY, IS DESIGNED IN ACCORDANCE WITH THE TOWN OF PARKER SIGN DISTANCE CRITERIA AND WITH AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAY & STREETS.

BRIAN P WILSON, CO. P.E.0050067

DATE

SHEET NUMBER

1

TRAILS AT CROWFOOT
FILING 14 CONSTRUCTION DRAWINGS
COVER SHEET

SCALE:
AS SHOWN

DRAWN BY: RRR
CHECKED BY: BPW
DATE: SEPTEMBER 2018

FILE NO:
8130283701

10333 E. Dry Creek Rd.
Suite 240
Englewood, CO 80112
Tel: (720) 482-9526
Fax: (720) 482-9546



HR 935 LLC
7353 South Alton Way
CENTENNIAL, CO 80112

No.

Revisions

Date

Init.

Appr.

Date

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TOWN OF PARKER, DIRECTOR OF ENGINEERING
DATE

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, THE LATEST EDITION FOR THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
3. A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF A CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE GRADING PERMIT AND ALL OTHER NECESSARY PERMITS HAVE BEEN OBTAINED.
4. A DEVELOPMENT REVIEW ENGINEER SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION. IF A DEVELOPMENT REVIEW ENGINEER IS NOT AVAILABLE AFTER PROPER NOTICE OF CONSTRUCTION ACTIVITY HAS BEEN PROVIDED, THE PERMITTEE MAY COMMENCE WORK IN THE DEVELOPMENT REVIEW ENGINEER'S ABSENCE. HOWEVER, TOWN OF PARKER RESERVES THE RIGHT TO REJECT THE IMPROVEMENT IF SUBSEQUENT IF SUBSEQUENT TESTING REVEALS AN IMPROPER INSTALLATION.
5. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION CONTACT: DENVER INTER-UTILITY GROUP, 303-534-6700 OF 1-800-922-1987. THE CONTRACTOR SHALL FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER PUBLIC WORKS DIRECTOR, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES.
7. ALL PROPOSED STREET CUTS TO EXISTING PAVEMENTS FOR UTILITIES, STORM SEWER OR FOR OTHER PURPOSES ARE LISTED AND REFERENCED BELOW:
EXAMPLES: WATER TIE-IN SHEET 3 STORM SEWER CONNECTION SHEET 6
8. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT-OF-WAY PERMIT USE APPLICATION. A PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR USE DURING CONSTRUCTION.
9. 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."
10. 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.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE PLAN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH APPROVAL FROM THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
12. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.
13. PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK. PLANS SHALL BE RESUBMITTED TO THE TOWN FOR APPROVAL AFTER 1 YEAR. THE COST OF THE PLAN RE-REVIEW AND RE-ACCEPTANCE WILL BE CHARGED BACK TO THE DEVELOPER INCLUDING ALL TIME AND EXPENSES OF THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.
14. REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
15. ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.
16. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEATH, WATER QUALITY CONTROL DIVISION, WQCD-PE-B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO 80222-1530. ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692-3500.
17. 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.
18. 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 ENGINEERING DIVISION AND SUBGRADE COMPACTION TESTS ARE SUBMITTED TO AND APPROVED BY THE DEVELOPMENT REVIEW ENGINEER.
2. STANDARD TOWN OF PARKER HANDICAP RAMPS ARE TO BE CONSTRUCTED AT ALL CURB RETURNS AND AT ALL "T" INTERSECTIONS.
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. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND WATER QUALITY CONTROL LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, OR STATE AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
3. INSPECTIONS: CONSTRUCTION SHALL NOT BEGIN UNTIL A GRADING PERMIT HAS BEEN ISSUED FOR THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE TOWN OF PARKER ENGINEERING DEPARTMENT (PUBLIC WORKS) TO SCHEDULE INSPECTIONS A MINIMUM OF 48 HOURS PRIOR THE CONSTRUCTION OF ALL DRAINAGE INFRASTRUCTURE (STORM SEWERS, INLETS, MANHOLES, ENERGY DISSIPATERS, RIPRAP, GROUTED BOULDERS, DETENTION POND OUTLET STRUCTURES, FOREBAYS, TRICKLE CHANNELS, ETC). FAILURE TO NOTIFY THE ENGINEERING DEPARTMENT FOR INSPECTIONS MAY RESULT IN NON-ACCEPTANCE OF THE INFRASTRUCTURE BY THE TOWN. URBAN DRAINAGE AND FLOOD CONTROL DISTRICT MUST ALSO BE NOTIFIED IN A SIMILAR MANNER FOR ALL MAINTENANCE ELIGIBLE DRAINAGE INFRASTRUCTURES (CONSULT WITH STORMWATER ENGINEERING DIVISION).
4. STRUCTURAL BACKFILL (CDOT CLASS 1) SHALL BE COMPACTED TO CONFORM TO CDOT STANDARD SPECIFICATION 203.03. STRUCTURAL BACKFILL (CDOT CLASS 2) SHALL CONFORM TO CDOT STANDARD SPECIFICATION 203.07. AT THE CONTRACTOR'S OPTION, STRUCTURAL BACKFILL (SQUEEGEE) MEETING THE GRADATION REQUIREMENTS CONTAINED IN REVISION OF SECTION 206 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM, MAY BE SUBSTITUTED FOR STRUCTURE BACKFILL (CLASS 1) OR CLASS 2) FOR BACKFILLING OF CULVERT PIPES, STORM SEWER PIPES, MANHOLES AND INLET STRUCTURES; HOWEVER, THE TOP 2 FEET BELOW SUBGRADE ELEVATION SHALL BE THE REQUIRED EMBANKMENT MATERIAL.
5. ALL EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
6. TESTING: PROBATIONARY ACCEPTANCE OF STORM DRAINAGE IMPROVEMENTS WILL BE CONTINGENT UPON SATISFACTORY TESTING RESULTS. IN ALL CASES WHERE TESTS INDICATE COMPACTION LESS THAN THAT REQUIRED BY TOWN SPECIFICATIONS, ADDITIONAL COMPACTION AND TESTS WILL BE REQUIRED UNTIL THE SPECIFICATIONS ARE MET. FREQUENCY OF TESTING WILL BE AS FOLLOWS: • 1 TEST FOR SUBGRADE AND 1 TEST FOR BACKFILL AT EVERY ABOVE GROUND APPURTENANCE (MANHOLES, INLETS, ETC) • 1 TEST EVERY 200 LF OF MAINLINE TRENCH EVERY 1 FOOT OF BACKFILL LIFT AND WITHIN 1 FOOT FROM ALL STRUCTURES.
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. RUBBER GASKETS SHALL BE USED ON ALL PIPE JOINTS CONFORMING TO ASTM C443. ALL RCP SECTIONS SHALL BE JOINED IN SUCH A MANNER THAT THE ENDS ARE FULLY ENTERED AND THE INNER SURFACES ARE REASONABLE FLUSH. AVERAGE JOINT GAP THAT EXCEEDS 1/8 INCH SHALL BE FILLED WITH AN APPROVED FLEXIBLE PLASTIC SEALANT.
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. REFERENCE CDOT M&S STANDARD PLAN NO. M-604-10, 11, 12, AND 13.
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, WITH THE EXCEPTION OF CDOT TYPE C AND D INLETS.
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.

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. FURTHER SPECIFICATIONS AND ILLUSTRATIONS ARE LOCATED IN THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) M AND S STANDARDS.
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. A "ROAD CLOSED AHEAD" AND "TO BE EXTENDED" WARNING SIGNS SHALL BE INSTALLED APPROPRIATELY IN ADVANCE OF THE TYPE III BARRICADES.
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. THIS REQUIREMENT FOR VERTICAL CLEARANCE IS FOR ALL SIGNS.
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. PRIOR TO THE INITIATION OF ANY WARRANTY PERIOD, THE TOWN OF PARKER RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO EXISTING, OR INSTALLATION OF, ADDITIONAL SIGNAGE AND/OR PAVEMENT MARKING IF IT IS DETERMINED THAT CONDITIONS WARRANT SUCH MODIFICATION ACCORDING TO THE MUTCD OR THE CDOT M AND S STANDARDS. ALL SIGNAGE AND STRIPING SHALL FALL UNDER THE REQUIREMENTS OF THE TWO YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION. ADDITIONALLY, ALL PAVEMENT MARKINGS SHALL NOT LIFT OR PEEL DURING THE FIRST YEAR AFTER INSTALLATION.
11. DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS AND OVERHEAD SIGNS. ALL OTHER ROADSIDE TRAFFIC CONTROL DEVICES SHALL USE HIGH INTENSITY GRADE SHEETING. NO FLUORESCENT YELLOW GREEN SHEETING SHALL BE USED UNLESS SPECIFICALLY APPROVED BY THE TOWN OF PARKER.
12. ALL STREET NAME SIGNS SHALL BE HIGH INTENSITY, EXTRUDED, GREEN AND WHITE BLADES. ARTERIAL AND COLLECTOR STREET NAME SIGNS SHALL BE 9 INCH BLADES AND HAVE MIXED CASE LETTERING. LOCAL STREET NAME SIGNS SHALL BE 6 INCHES BLADES WITH MIXED CASE LETTERING.
13. ALL LAYOUTS FOR INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
14. ALL REMOVED SIGNS SHALL BE RETURNED TO THE TOWN OF PARKER.
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.
16. ALL PAVEMENT MARKING MATERIAL (INCLUDING WORDS AND SYMBOLS) SHALL BE AS FOLLOWS: 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), 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.

10333 E. Dry Creek Rd.
Suite 240
Englewood, CO 80112
Tel: (720) 462-9526
Fax: (720) 462-9546



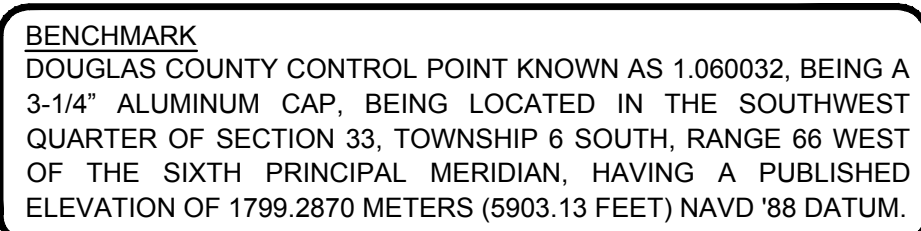
HR 935 LLC
7363 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FLING 14 CONSTRUCTION DRAWINGS
NOTES

SCALE:
AS SHOWN
FILE NO:
8130283701

DRAWN BY: BPW
CHECKED BY: BPW
DATE: SEPTEMBER 2018

SHEET NUMBER
2

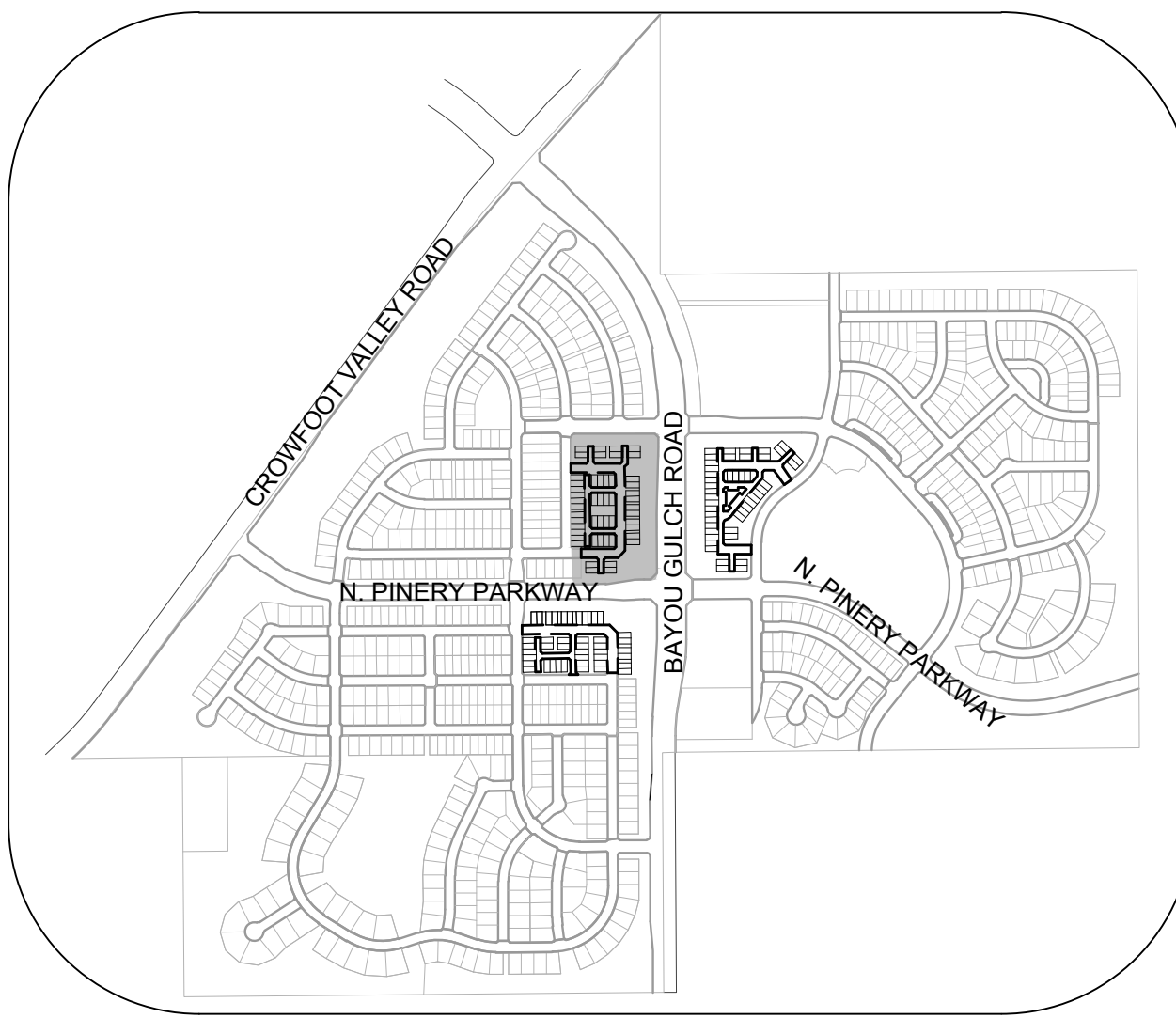


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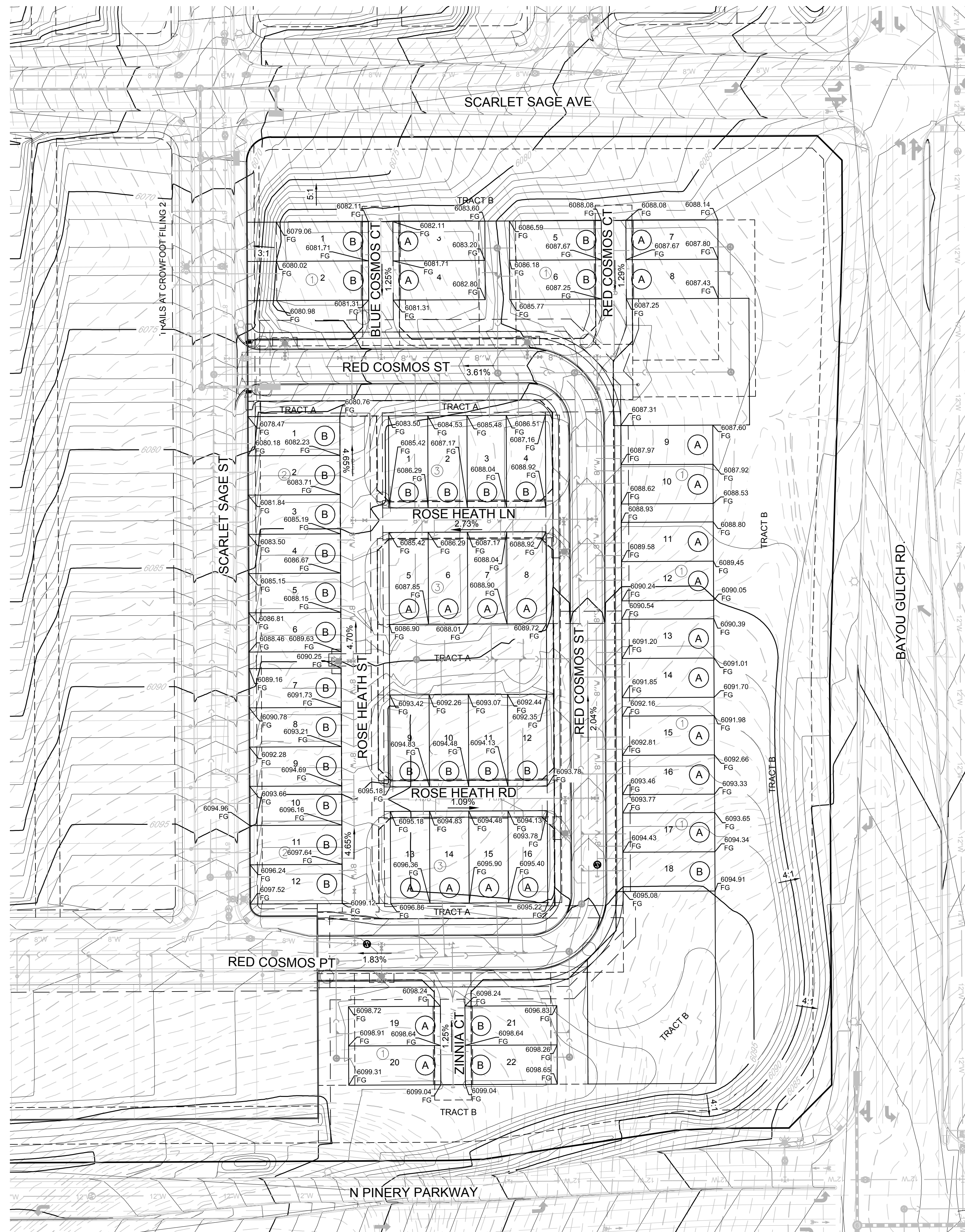
KEYMAP
N.T.S.

SHEET NUMBER 3	DRAWN BY: TP	SCALE: AS SHOWN	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS HORIZONTAL CONTROL PLAN	 HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112	10333 E. Dry Creek Rd. Suite 400 Englewood, CO 80112 Tel: (720) 482-9526 Fax: (720) 482-9546						
	CHECKED BY: BPW	FILE NO:									
	DATE: SEPTEMBER 2018	8130283701									
						No.	Revisions	Date	Init.	Appr.	

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1-800-922-1987

	BLOCK NUMBER		PROPOSED OVERLAND FLOW
	LOT TYPE		CENTERLINE
6	LOT NUMBER		RIGHT-OF-WAY
	EXISTING FLARED END SECTION		PROPERTY LINE
	EXISTING STORM DRAIN INLET		EDGE OF PAVEMENT
	EXISTING STORM DRAIN MANHOLE		EXISTING 5' CONTOUR
	PROPOSED LIGHT POLE		EXISTING 1' CONTOUR
	PROPOSED SIDEWALK		PROPOSED 5' CONTOUR
	PROPOSED SIDEWALK RAMP		PROPOSED 1' CONTOUR
10.00	EXISTING ELEVATION		EXISTING STORM DRAIN
10.00	PROPOSED DESIGN ELEVATION		SECTION LINE
00.0 FG	PROPOSED FINISHED GRADE		FILING BOUNDARY
			PROPOSED SLOPE & DIRECTION

AD	ANGLE DIFFERENCE	PL	PROPERTY LINE
EL	ELEVATION	PVC	POLYVINYL CHLORIDE
FG	FINISHED GRADE	RCCB	REINFORCED CONCRETE BOX
FL	FLOW LINE		CULVERT
RV	FIELD VERIFY	RCBP	REINFORCED CONCRETE PIPE
GE	GAS EASEMENT	ROW	RIGHT OF WAY
HP	HIGH POINT	SD	STORM DRAIN
INV	INVERT	SL	SECTION LINE
LF	LINEAR FEET	STA	STATION
LP	LOW POINT	T.O.P.	TOP OF PIPE
NH	MANHOLE	UE	UTILITY EASEMENT
N.T.S.	NOT TO SCALE	USE	WATER SURFACE ELEVATION

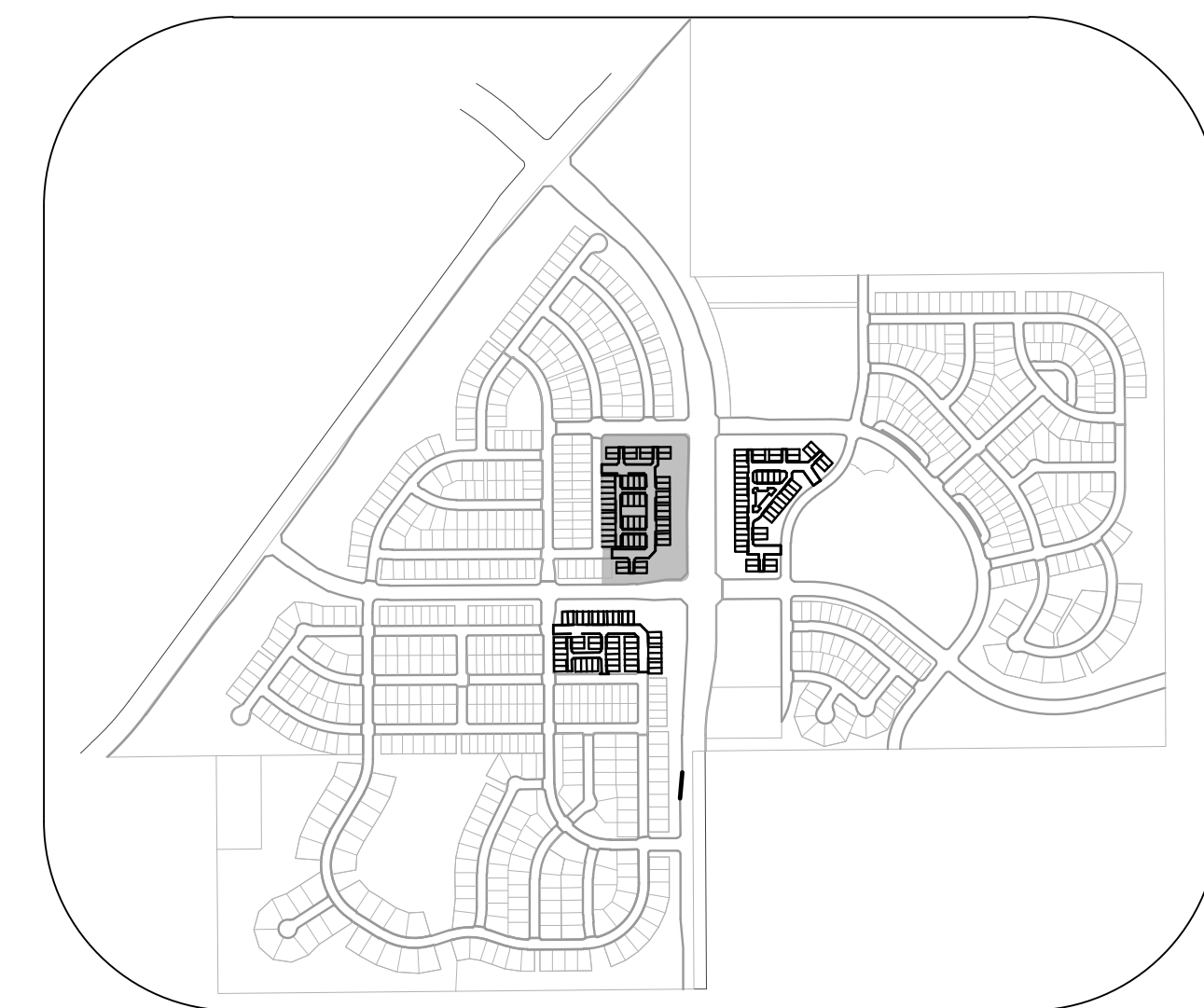


BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

PREPARED UNDER THE
SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067



N.T.S.



50 25 0 50 100

SCALE: 1" = 50'

NOTES:

1. FILING 14 TO BE OVERLOT GRADED WITH FILING 1.
THIS SHEET IS FOR REFERENCE ONLY.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING

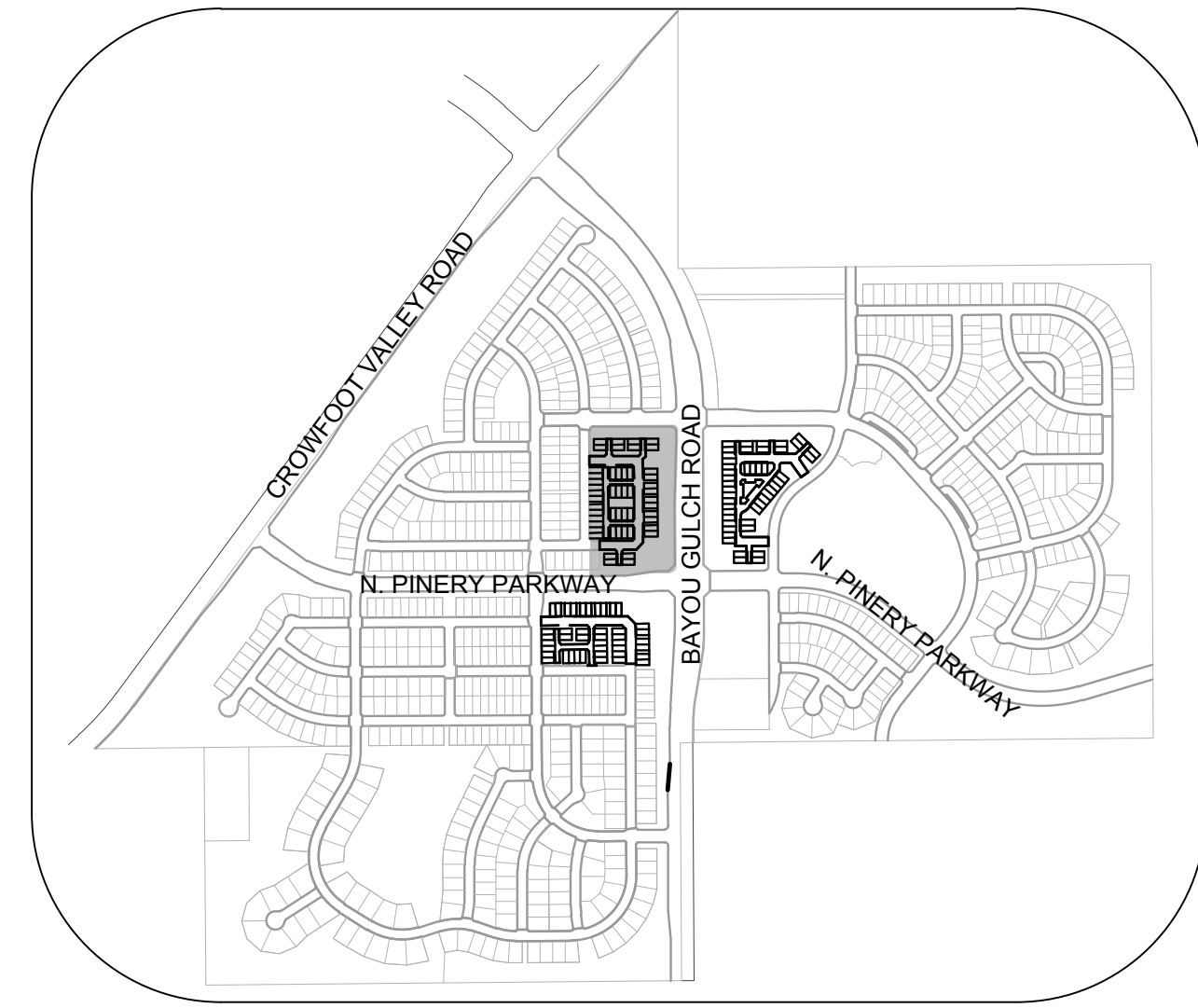
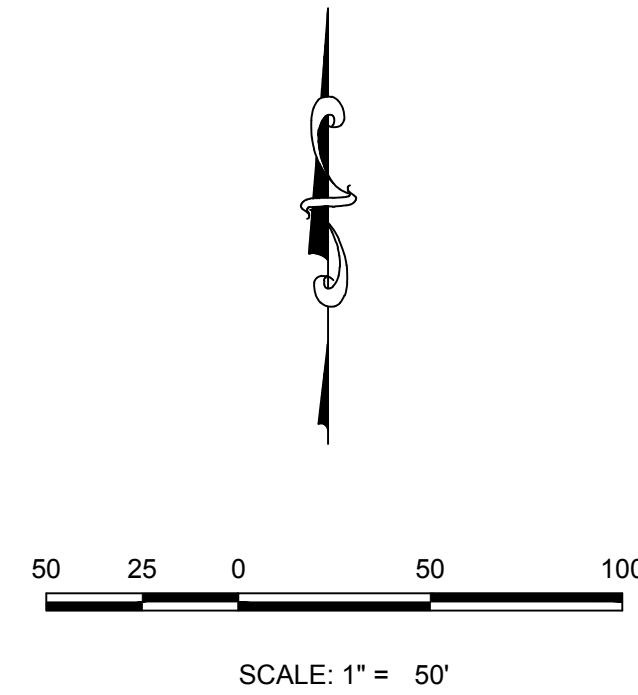
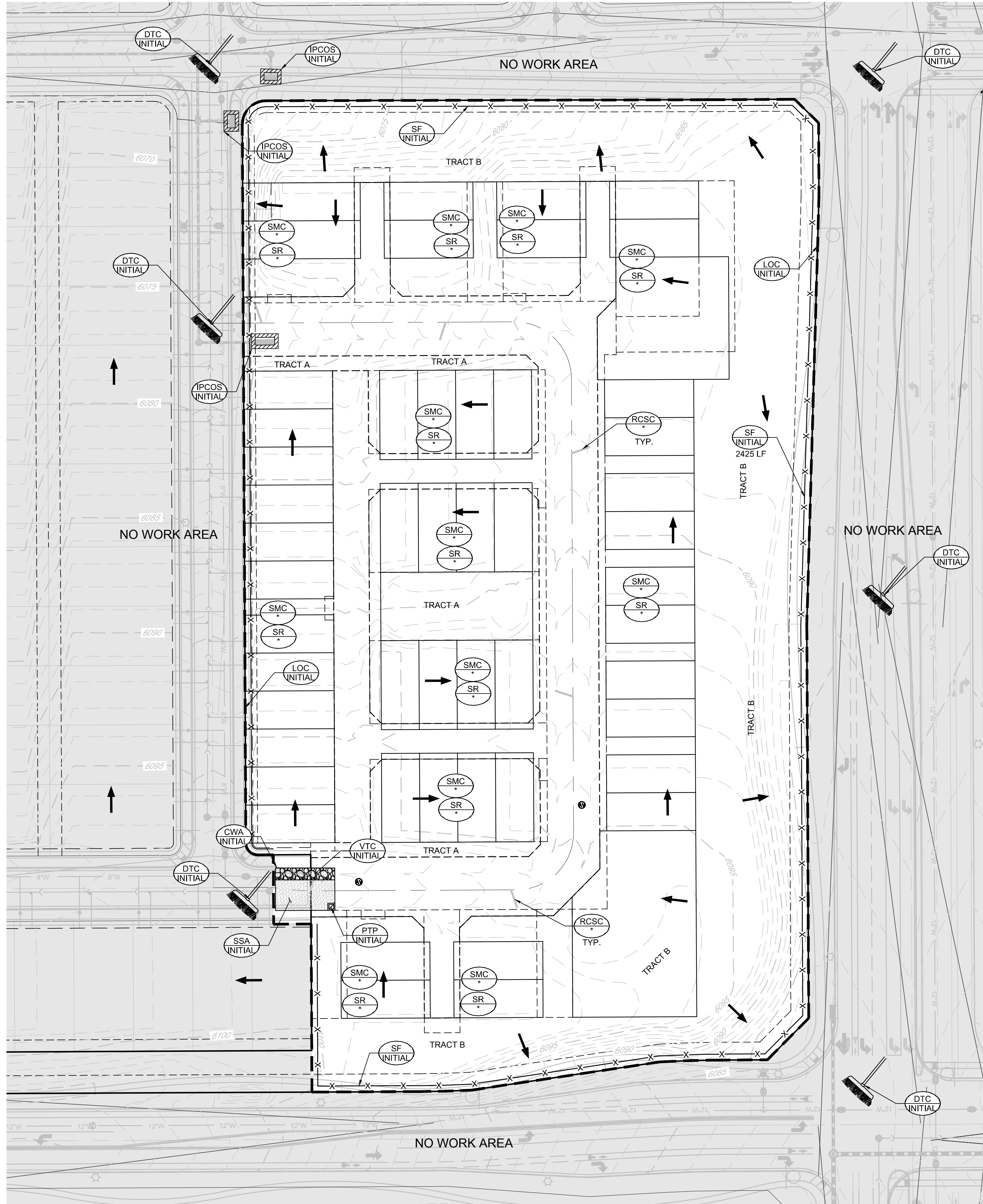
DATE _____

SHEET NUMBER 4	DRAWN BY:	BWP	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS AREA GRADING PLAN	 HR 935 LLC 7363 South Alton Way CENTENNIAL, CO 80112	10333 E. Dry Creek Rd.				
	CHECKED BY:	BWP			Suite 240				
	FILE NO:				Englewood, CO 80112				
	DATE:	SEPTEMBER 2018			Tel: (720) 482-9526				
					Fax: (720) 482-9546				
	No.	Revisions	Date	Init.	Appr.	Date			

N:\PROJECTS\SSR\ANCHOR\ENGINEERING\SET\SMUL\FAMILY\CD\SF\4TOWN OF PARKER\EROSION CONTROL PLAN.DWG. BRIANW. 10/29/2018 1:08 PM



CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987



KEYMAP N.T.S.

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- NO WORK AREA
- EXISTING SURFACE FLOW DIRECTION
- PROPOSED SURFACE FLOW DIRECTION

Parker	CBMP	LEGEND	Parker	CBMP	LEGEND	Parker	CBMP	LEGEND
	CONSTRUCTION BEST MANAGEMENT PRACTICES	1.0-1.1		CONSTRUCTION BEST MANAGEMENT PRACTICES	1.0-1.1		CONSTRUCTION BEST MANAGEMENT PRACTICES	1.0-1.1
	CHECK DAM			LOT PROTECTION			TEMPORARY EROSION	
	CONSTRUCTION FENCE			MASONRY WORK PROTECTION			TEMPORARY SEDIMENT BASIN	
	DOWATERING			PORTABLE TOILET PROTECTION			VEHICLE TRACKING CONTROL	
	CONCRETE WASHOUT AREA			ROUGH CUT STREET CONTROL				
	DIVISION DITCH			ROCK BOOK				
	DETENTION POND PROTECTION			ROCK BOOK IN SWALE				
	DEBRIS TRAVEL CONTROL			STRAW BALE				
	EROSION CONTROL BLANKET			SEDIMENT CONTROL LOGS				
	INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT			SALT PILE				
	INLET PROTECTION FOR AREA INLETS IN PAVEMENT			SEEDLING MULCHING AND GRADING				
	INLET PROTECTION OVER ON-GRADE, TYPE II INLET			SURFACE ROUGHING				
	INLET PROTECTION OVER ON-GRADE, TYPE III INLET			STABILIZED STAGING AREA				
	INLET PROTECTION OVER ON-GRADE, TYPE IV INLET			SEDIMENT TRANSITION PROTECTION				

- NOTE:
- RCSC, SMC, & SR TO BE INSTALLED WITH FILING 1.
 - ALL STREET CUTS SHALL BE CONTROLLED PER THE ROUGH CUT STREET CONTROL DETAIL. SEE BMP DETAILS.
 - TO REDUCE THE POTENTIAL FOR CLOGGING OF DEBRIS GATES, NO STRAW MULCH SHALL BE USED WITHIN THE EXCESS URBAN RUNOFF VOLUME OF A DETENTION BASIN. INSTEAD, EROSION CONTROL BLANKET SHALL BE INSTALLED FOR A WIDTH OF AT LEAST 6 FEET ON BOTH SIDES OF THE CONCRETE LOW FLOW CHANNELS OR UP TO A DEPTH OF 1-FOOT IN SOIL RIPRAP OR BENCHED LOW FLOW CHANNELS. ADDITIONALLY, HYDRAULICALLY APPLIED WOOD FIBER MULCH, STABILIZED FIBER MATRIX, BONDED FIBER MATRIX, OR FLEXIBLE GROWTH MEDIUM SHALL BE USED IN ALL OTHER AREAS WITHIN THE EXCESS URBAN RUNOFF VOLUME OF THE DETENTION BASIN. THE BLANKET AND HYDRAULICALLY APPLIED MULCH SHALL COMPLY WITH THE MATERIALS AND INSTALLATION REQUIREMENTS FOR EROSION CONTROL BLANKETS AS REQUIRED BY THE TOWN'S CBMP PROGRAM, AND WHERE APPLICABLE, THE PRODUCT MANUFACTURER.
 - IT MAY BE NECESSARY TO PROVIDE BACK OF WALK PROTECTION AND BACK OF CURB PROTECTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.
 - INSTALL ECB IN TREE LAWN AFTER INSTALLATION OF CURB AND GUTTER AND SIDEWALK. TYPICAL THROUGHOUT SUBDIVISION.
 - LOT PROTECTION REQUIRED ON ALL RESIDENTIAL LOTS IN ALL UNLANDSCAPED AREAS PRIOR TO CO.
 - SEDIMENT CONTROL BMPs MAY BE NECESSARY ALONG LOT LINES DURING HOME CONSTRUCTION.
 - TEMPORARY IRRIGATION IS REQUIRED IN ALL AREAS OF PERMANENT NATIVE SEEDING THAT ARE NOT SERVED BY PERMANENT IRRIGATION.
 - A MINIMUM OF ONE VTC WILL BE REQUIRED FOR EACH SUBDIVISION BLOCK DURING HOME CONSTRUCTION.

PREPARED UNDER THE
SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

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TOWN OF PARKER, DIRECTOR OF ENGINEERING DATE

10333 E. Dry Creek Rd.
Suite 240
Englewood, CO 80112
Tel: (720) 462-9526
Fax: (720) 462-9546



HR 935 LLC
7363 South Allon Way
CENTENNIAL, CO 80112

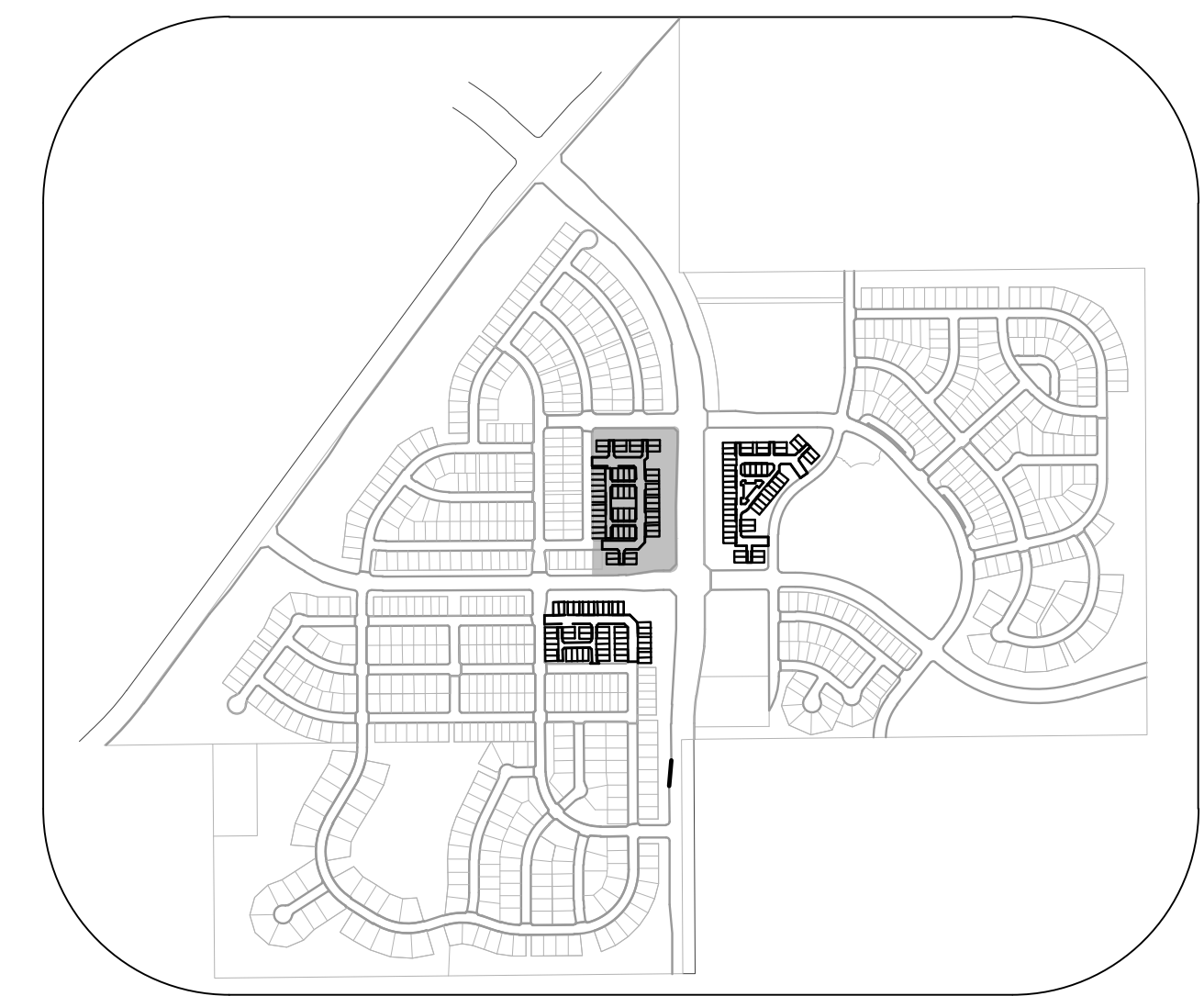
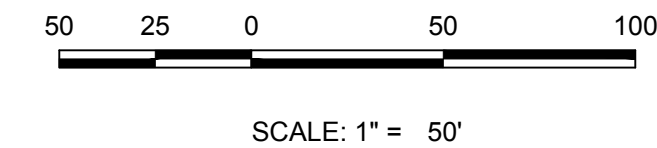
TRAILS AT CROWFOOT
FLING 14 CONSTRUCTION DRAWINGS
INITIAL CBMP PLAN

SCALE:
AS SHOWN
FILE NO:
8130283701

SHEET NUMBER
5

DRAWN BY:
BPW
CHECKED BY:
BPW
DATE:
SEPTEMBER 2018

No. Revisions
Date
Init.
Appr.
Date



KEYMAP
N.T.S.

- LEGEND
- | | |
|---------|---------------------------------|
| — — | EXISTING MAJOR CONTOUR |
| - - - | EXISTING MINOR CONTOUR |
| — — — | PROPOSED MAJOR CONTOUR |
| - - - - | PROPOSED MINOR CONTOUR |
| ■ | NO WORK AREA |
| ← | EXISTING SURFACE FLOW DIRECTION |
| ← | PROPOSED SURFACE FLOW DIRECTION |

Panel 1: Erosion Control Practices

Symbol	Code	Practice Name
Diagram of a dam structure	0-0	CHECK DAM
Diagram of a fence	0-1	CONSTRUCTION FENCE
Diagram of a culvert	0-2	CULVERT PROTECTION
Diagram of a washout area	0-3A	CONCRETE WASHOUT AREA
Diagram of a ditch	0-4	DOWATERS
Diagram of a diversion ditch	0-5	DIVERSION DITCH
Diagram of a pond	0-6	DETENTION POND PROTECTION
Diagram of a trash control blanket	0-7	DEBRIS TRASH CONTROL
Diagram of an erosion control blanket	0-8	EROSION CONTROL BLANKET
Diagram of an inlet protection for area inlets	0-9A	INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT
Diagram of an inlet protection for area inlets in pavement	0-9B	INLET PROTECTION FOR AREA INLETS IN PAVEMENT
Diagram of an inlet protection for curb on-grade	0-10	INLET PROTECTION, CURB ON-GRADE, TYPE B INLET
Diagram of an inlet protection for curb on ramp	0-11	INLET PROTECTION, CURB ON RAMP, TYPE B INLET

Panel 2: Sediment Control Practices

Symbol	Code	Practice Name
Diagram of a lot	L-1	LOT PROTECTION
Diagram of masonry work	M-1A	MASONRY WORK PROTECTION
Diagram of a portable toilet	P-1	PORTABLE TOILET PROTECTION
Diagram of a rough cut street	RS-2A	ROUGH CUT STREET CONTROL
Diagram of a rock bank	RS-3	ROCK BANK
Diagram of a rock bank in a swale	RS-3N	ROCK BANK IN SWALE
Diagram of a straw bale	SD-1	STRAW BALE
Diagram of a sediment control log	SD-2	SEDIMENT CONTROL LOGS
Diagram of a silt fence	SD-3	SILT FENCE
Diagram of a silt fence with a sign	SD-3A	SILT FENCE
Diagram of a silt fence with a sign	SD-3B	SILT FENCE
Diagram of a silt fence with a sign	SD-3C	SILT FENCE
Diagram of a silt fence with a sign	SD-3D	SILT FENCE
Diagram of a silt fence with a sign	SD-3E	SILT FENCE
Diagram of a silt fence with a sign	SD-3F	SILT FENCE
Diagram of a silt fence with a sign	SD-3G	SILT FENCE
Diagram of a silt fence with a sign	SD-3H	SILT FENCE
Diagram of a silt fence with a sign	SD-3I	SILT FENCE
Diagram of a silt fence with a sign	SD-3J	SILT FENCE
Diagram of a silt fence with a sign	SD-3K	SILT FENCE
Diagram of a silt fence with a sign	SD-3L	SILT FENCE
Diagram of a silt fence with a sign	SD-3M	SILT FENCE
Diagram of a silt fence with a sign	SD-3N	SILT FENCE
Diagram of a silt fence with a sign	SD-3O	SILT FENCE
Diagram of a silt fence with a sign	SD-3P	SILT FENCE
Diagram of a silt fence with a sign	SD-3Q	SILT FENCE
Diagram of a silt fence with a sign	SD-3R	SILT FENCE
Diagram of a silt fence with a sign	SD-3S	SILT FENCE
Diagram of a silt fence with a sign	SD-3T	SILT FENCE
Diagram of a silt fence with a sign	SD-3U	SILT FENCE
Diagram of a silt fence with a sign	SD-3V	SILT FENCE
Diagram of a silt fence with a sign	SD-3W	SILT FENCE
Diagram of a silt fence with a sign	SD-3X	SILT FENCE
Diagram of a silt fence with a sign	SD-3Y	SILT FENCE
Diagram of a silt fence with a sign	SD-3Z	SILT FENCE

Panel 3: Sediment Control Practices (Continued)

Symbol	Code	Practice Name
Diagram of a temporary vegetation	T-1	TEMPORARY VEGETATION
Diagram of a temporary sediment basin	T-2	TEMPORARY SEDIMENT BASIN
Diagram of a vehicle tracking control	T-3	VEHICLE TRACKING CONTROL

Legend:

- 0-0: CHECK DAM
- 0-1: CONSTRUCTION FENCE
- 0-2: CULVERT PROTECTION
- 0-3A: CONCRETE WASHOUT AREA
- 0-4: DOWATERS
- 0-5: DIVERSION DITCH
- 0-6: DETENTION POND PROTECTION
- 0-7: DEBRIS TRASH CONTROL
- 0-8: EROSION CONTROL BLANKET
- 0-9A: INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT
- 0-9B: INLET PROTECTION FOR AREA INLETS IN PAVEMENT
- 0-10: INLET PROTECTION, CURB ON-GRADE, TYPE B INLET
- 0-11: INLET PROTECTION, CURB ON RAMP, TYPE B INLET

- NOTE:
1. RSCS, SMC, & SR TO BE INSTALLED WITH FILING 1.
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 5. INSTALL ECB IN TREE LAWN AFTER INSTALLATION OF CURB AND GUTTER AND SIDEWALK. TYPICAL THROUGHOUT SUBDIVISION.
 6. LOT PROTECTION REQUIRED ON ALL RESIDENTIAL LOTS IN ALL UNLANDSCAPED AREAS PRIOR TO CO.
 7. SEDIMENT CONTROL BMPs MAY BE NECESSARY ALONG LOT LINES DURING HOME CONSTRUCTION.
 8. TEMPORARY IRRIGATION IS REQUIRED IN ALL AREAS OF PERMANENT NATIVE SEEDING THAT ARE NOT SERVED BY PERMANENT IRRIGATION
 9. A MINIMUM OF ONE VTC WILL BE REQUIRED FOR EACH SUBDIVISION BLOCK DURING HOME CONSTRUCTION.

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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

PREPARED UNDER THE
SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

DEBRIS AND TRASH CONTROL

NOTE:

- THE EROSION CONTROL SUPERVISOR IS RESPONSIBLE FOR ENSURING THAT ALL STREETS, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS, PARKING LOTS, ALLEYS, TRUCKLE CHANNELS, AND/OR OTHER IMPROVED SURFACES IMPACTED BY CONSTRUCTION ACTIVITIES ARE THOROUGHLY CLEANED THROUGHOUT THE DAY IF THEY BECOME SOILED. THESE AREAS MUST ALSO BE THOROUGHLY CLEANED DURING THE LUNCH HOUR, WORK DAY, TO MAINTAIN ALL CURB, TRASH AND LITTER ASSOCIATED WITH THE PROJECT MUST BE REMOVED AND PROPERLY DISCARDED ON A DAILY BASIS.

1 OF 2
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

DEBRIS CONTROL NOTES:

- A COMBINATION OF SURFACE SCANNING AND SWEEPING MAY BE NECESSARY TO PROPERLY CLEAN THESE AREAS.
- ANY OTHER DEBRIS AND/OR STAINS ON THE SITE SHALL BE CLEANED TO THE MAXIMUM EXTENT POSSIBLE. IN SOME CASES, IT MAY BE NECESSARY TO USE PRESSURIZED WATER AND A VACUUM.
- ON-SITE PERSONNEL, DEVEY DRIVERS, ETC., SHOULD BE EDUCATED ON THE NEED FOR CONTINUAL DEBRIS AND TRASH CONTROL.

1 OF 2
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

EROSION CONTROL BLANKET (SLOPE)

1 OF 3
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

EROSION CONTROL BLANKET (CHANNEL)

2 OF 3
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY 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 THOROUGHLY SECTORED BY THE DESIGN ENGINEER BASED ON CURRENT AND FUTURE FLOW PATTERNS. THE CHANNEL SHALL BE PROTECTED TO THE MAXIMUM EXTENT POSSIBLE. IN SOME CASES, IT MAY BE NECESSARY TO USE PRESSURIZED WATER AND A VACUUM.
- IMMEDIATELY PRIOR TO BLANKET INSTALLATION, THE SURFACE SHALL BE SMOOTHED AND FREE OF ANY GAPS, HOLES, WEBS, ROCKS, STICKS, OR OTHER OBSTACLES THAT COULD CAUSE EROSION.
- EROSION CONTROL BLANKET SHALL THEN BE INSTALLED ACCORDING TO THE DETAIL DRAWINGS.
- ANY DAMAGED OR REVENING STAPLES OR STAKES SHALL BE REMOVED FROM THE SITE.
- ALL EROSION CONTROL BLANKETS FOR SLOPE PROTECTION INSTALLED IN THE TOWN SHALL BE COVERED WITH STRAW OR EXCELSDOR.

MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	ST150
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.

3 OF 3
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

AREA INLET PROTECTION FOR AREA INLETS NOT IN PAVEMENT

1 OF 1
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

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 THE FUTURE PAVEMENT. AN INTERIM SYSTEM OF INLET PROTECTION MAY BE ALLOWED UNTIL THE INSTALLATION OF THE FUTURE PAVEMENT.

AREA INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE AREA INLET PROTECTION.
- THE AREA INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATION. 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 SHALL BE REVEGETATED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SPEC).
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.

1 OF 1
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

AREA INLET PROTECTION FOR AREA INLETS IN PAVEMENT

1 OF 1
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

INLET PROTECTION, CURB ON-GRADE, TYPE R INLET

2 OF 3
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

TUBULAR TRAFFIC MARKER DETAIL

2 OF 3
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

INLET PROTECTION, CURB ON-GRADE INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF ON-GRADE INLET PROTECTION.
- CRUSHED ROCK SHALL BE 2.0" - 3.0" IN SIZE WITH A FRAGMENTATION FACTOR (ALL SIZES).
- ROCK SOCK FOR ON-GRADE INLET PROTECTION SHALL BE ONE CONTINUOUS PIECE.
- ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.
- ROCK SOCK SHALL BE PLACED 3.0' UPHILL OF THE INLET OPENING.
- TUBULAR MARKER SHALL BE A MINIMUM OF 3.0' HIGH WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
- THE CURB INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE FUTURE INSTALLATION OF THE FUTURE PAVEMENT OR ROADWAYS ADJACENT TO THE INLET.

ON-GRADE INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ON-GRADE INLET PROTECTION.
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
- ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
- 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 VEGETATION. 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.

1 OF 1
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

INLET PROTECTION, CURB ON SUMP, TYPE R INLET

1 OF 2
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

CURB INLET PROTECTION INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF CURB INLET PROTECTION.
- CRUSHED ROCK SHALL BE 2.0" - 3.0" IN SIZE WITH A FRAGMENTATION FACTOR (ALL SIZES).
- 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.
- ROCK SOCK SHALL BE PLACED 3.0' UPHILL OF THE CURB INLET OPENING.
- TUBULAR MARKER SHALL BE A MINIMUM OF 3.0' HIGH WITH REFLECTIVE BANDS AND OCTAGON SHAPED BASES.
- THE CURB INLET PROTECTION SHOWN ON CBMP PLANS SHALL BE INSTALLED ON EXISTING INLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IMMEDIATELY AFTER THE INSTALLATION OF THE FUTURE PAVEMENT OR ROADWAYS ADJACENT TO THE CURB INLET. CRUSHED ROCK OR THE ROCK SOCK SHALL BE USED AS INTERIM PROTECTION UNTIL THE FUTURE PAVEMENT IS INSTALLED.

CURB INLET PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CURB INLET PROTECTION.
- ACCUMULATED SEDIMENT SHALL BE REMOVED AS SOON AS POSSIBLE, IMMEDIATELY IN MOST CASES.
- ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
- CURB INLET PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATION. 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.

2 OF 2
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

LOT PROTECTION

1 OF 2
REV. 2014

THIS DRAWING SET TO BE USED TO THE EROSION CONTROL MEASURES PRESENTED BY THE TOWN OF PARKER

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:
- 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 BLANKETS - SUCH AS STAPLES, IN LULU OR HADZONAL MATERIAL STAPLES.
 - ALL EROSION CONTROL BLANKET JOINTS (SEAMS AND ENDS) MUST OVERLAP THE ADJACENT BLANKET BY A MINIMUM OF 6" NICHES WITH 1" ELEVATION EDGES BEING PLACED ON TOP OF THE DOWN-GRADIENT EDGE OF THE ADJACENT BLANKET.
 - ALL JOINTS (SEAMS AND ENDS) OF THE EROSION CONTROL BLANKETS SHALL BE INSTALLED TO BE REMOVED INTO THE GROUND ASSUMING THE SITE CONDITIONS WILL NOT CAUSE EROSION BEHIND THE BLANKETS. THESE ASSUMPTIONS WILL BE THE RESPONSIBILITY OF THE EROSION CONTROL SUPERVISOR. ON OCCASION, THE TOWN'S INSPECTOR MAY REQUEST REVEGETATION BASED UPON SITE CONDITIONS.
 - TOPSOIL PLACEMENT, SEEING, 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 BLANKET REQUIRED AS PART OF THE LOT PROTECTION (LP) REQUIREMENT MUST BE INSTALLED OVER ALL LANDSCAPED AREAS WITHIN EACH PROPERTY, WITH THE EXCEPT OF A LOT PRIOR TO THE INSTALLATION 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.

2 OF 2
REV. 2014

10333 E. Dry Creek Rd.
Colorado Springs, CO 80910
Tel: (720) 482-9526
Fax: (720) 482-9546

CVL
CONSULTANTS

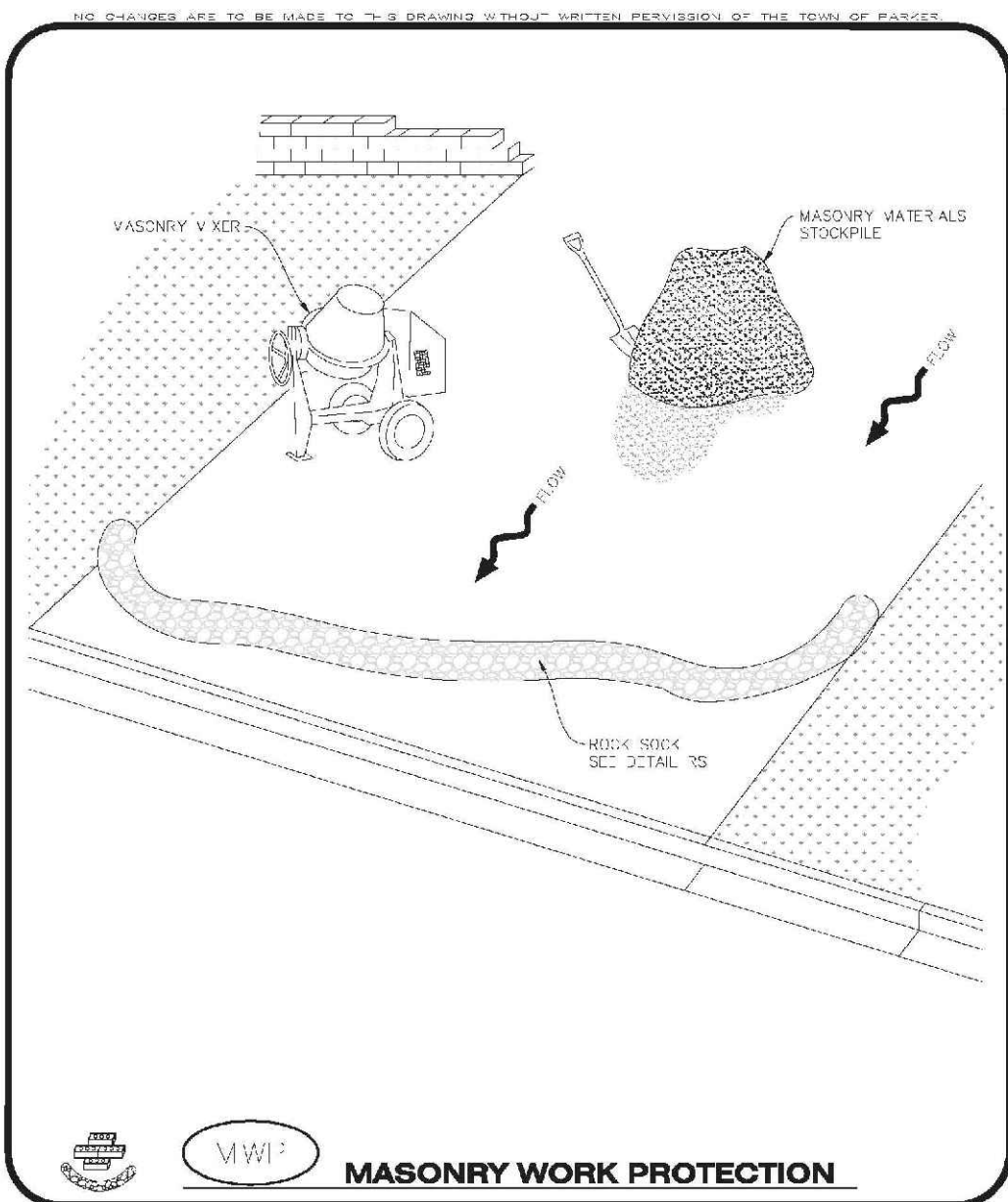
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CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
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BMP DETAILS

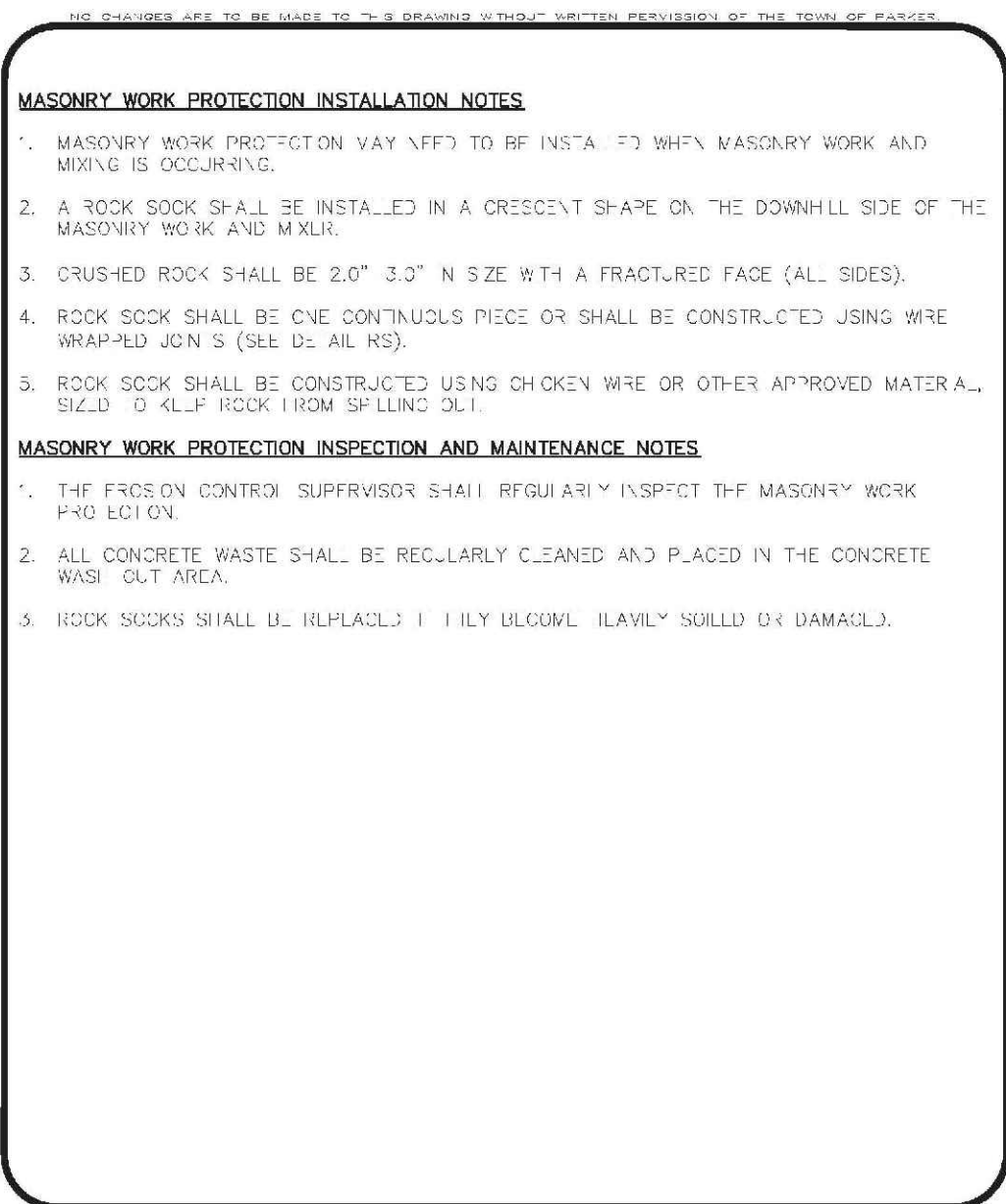
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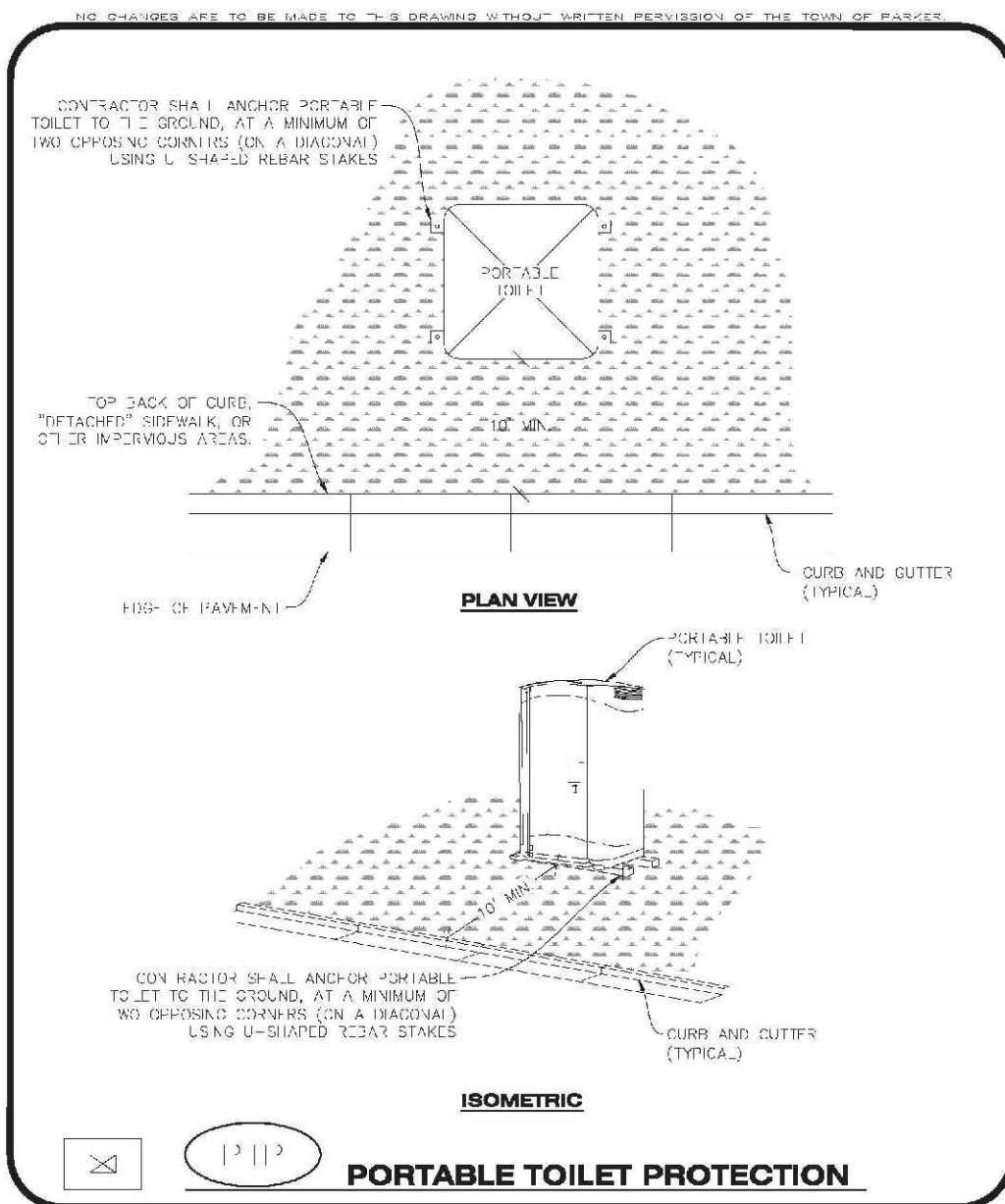


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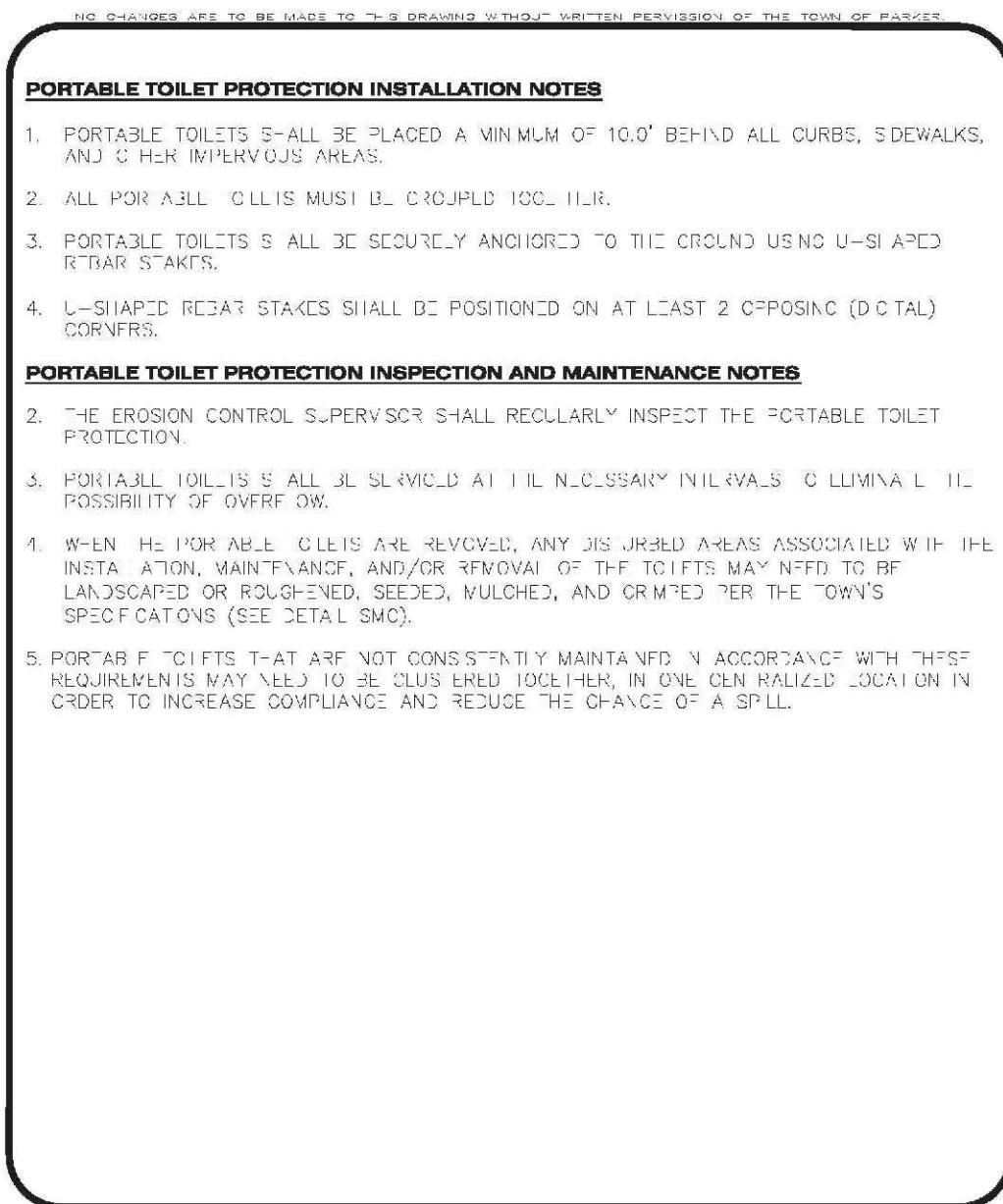



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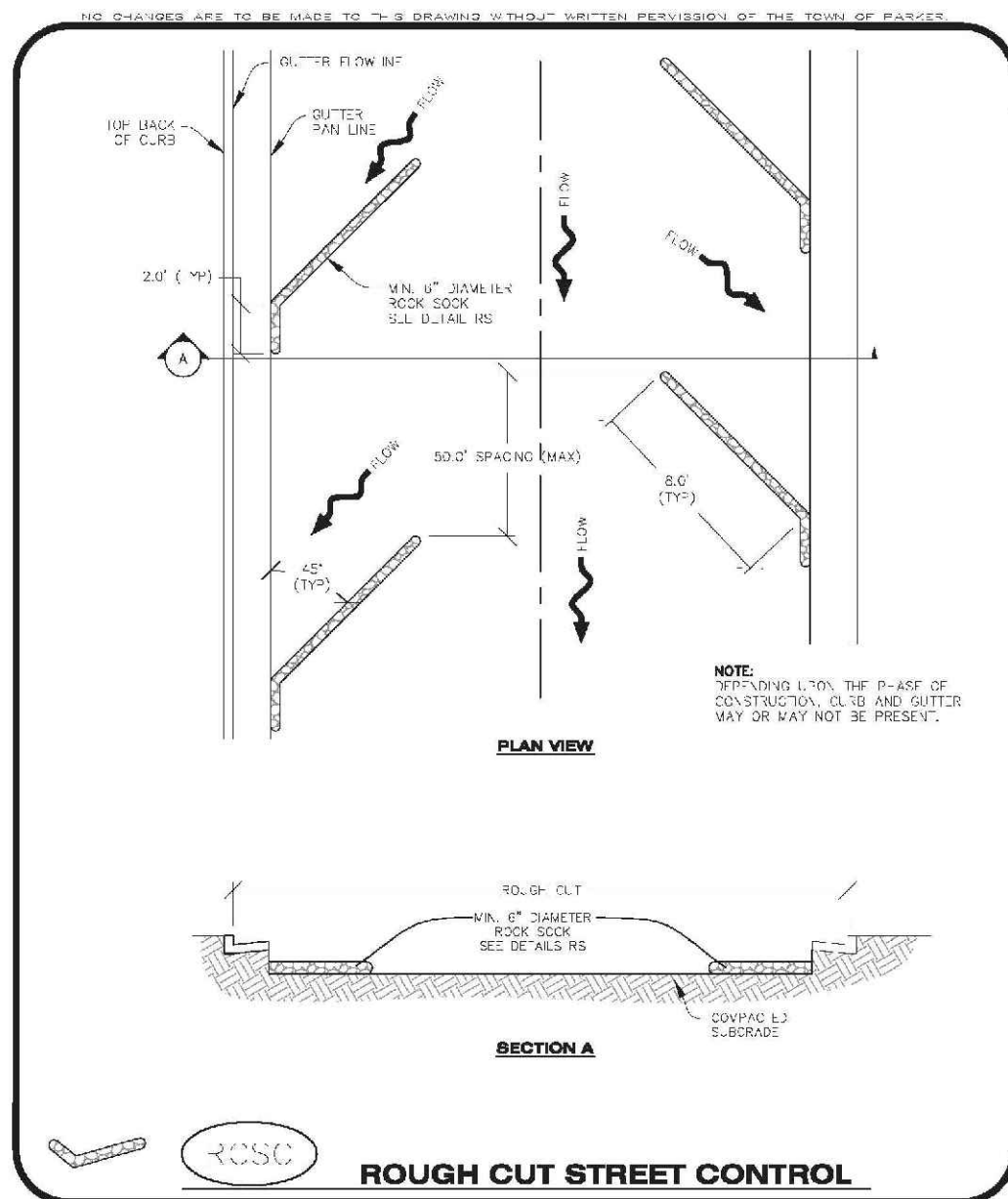
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 City of Parker COLORADO	CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES	PTP OF 2 Oct. 2018
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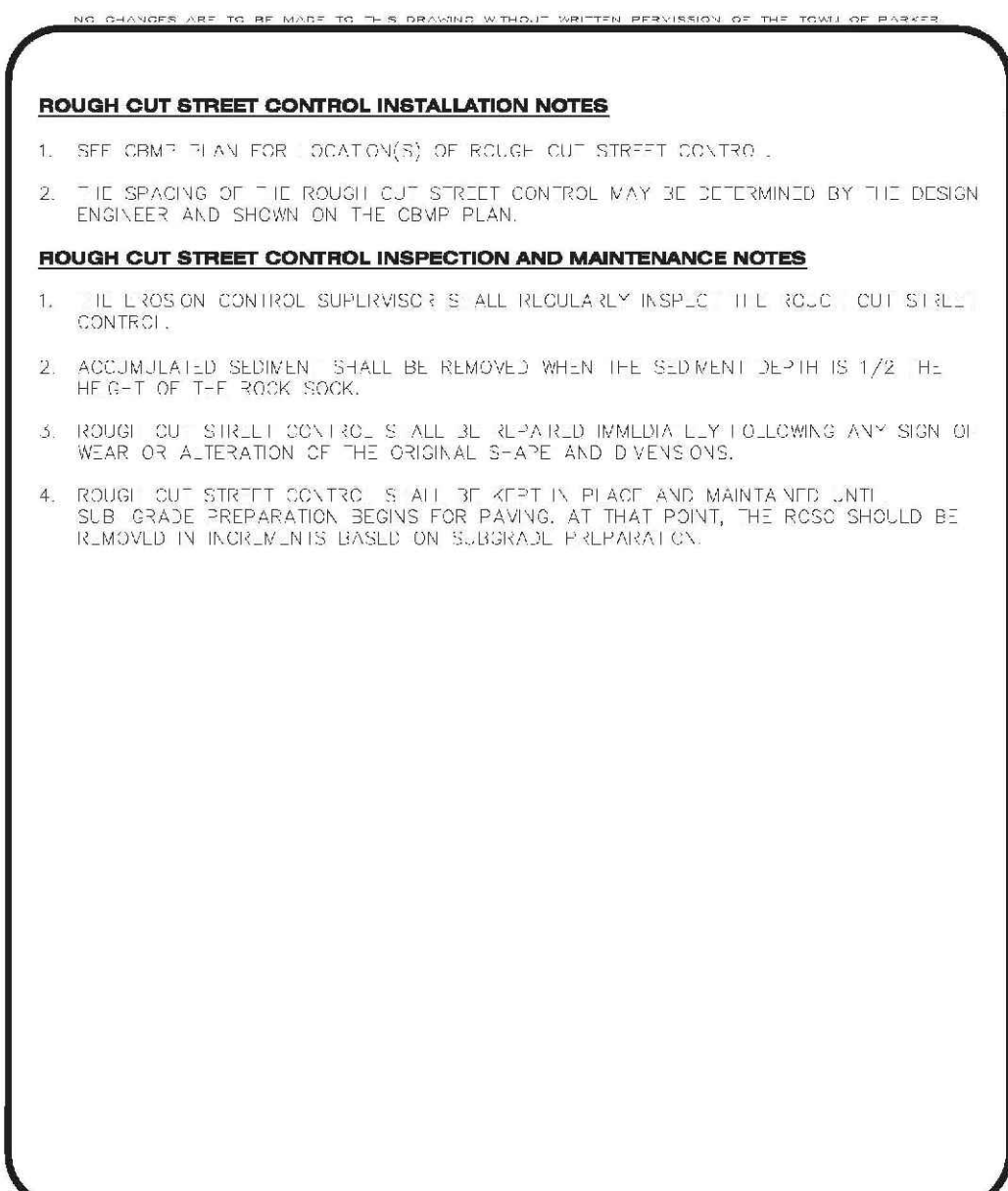
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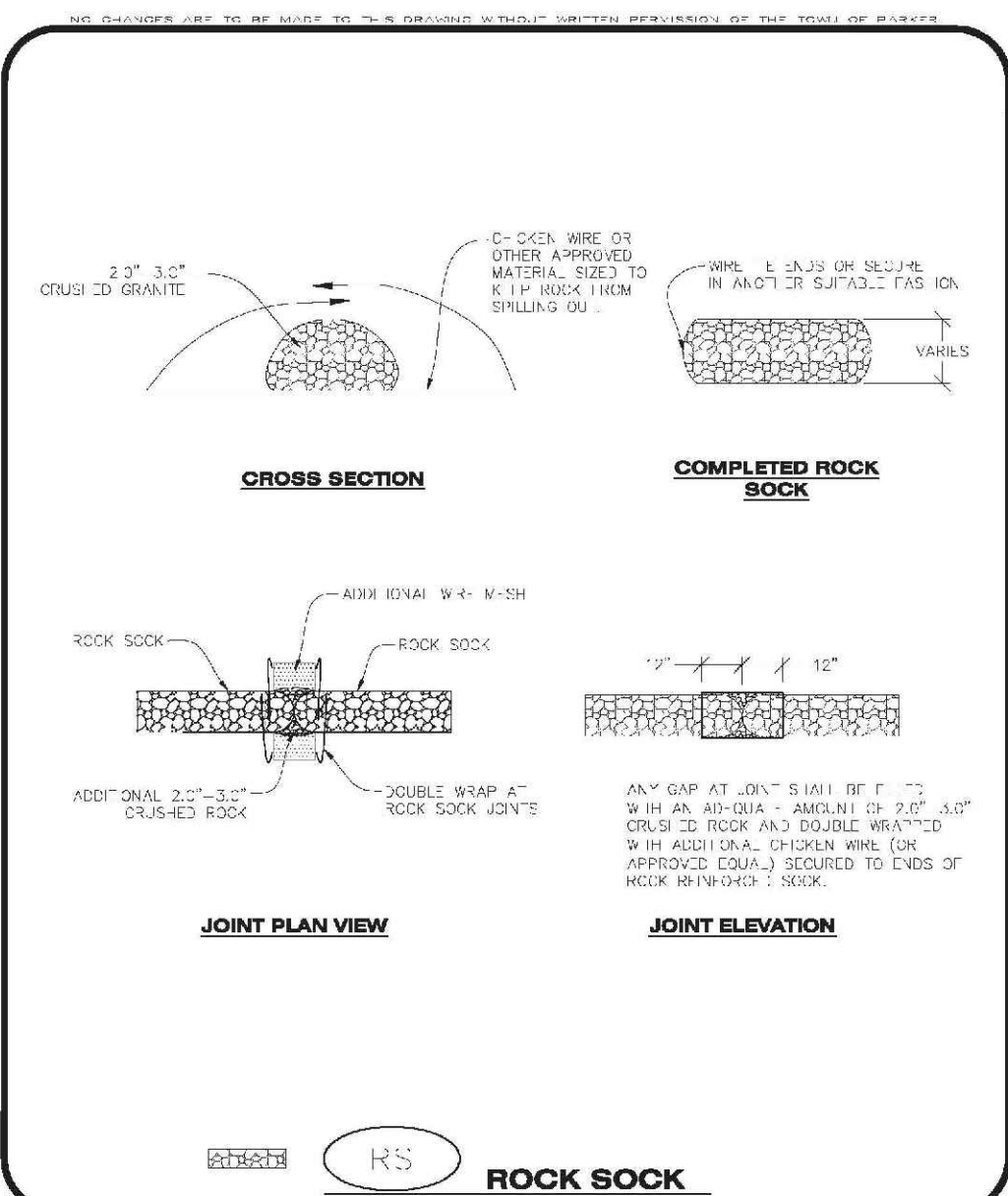

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CONSTRUCTION BEST MANAGEMENT PRACTICES

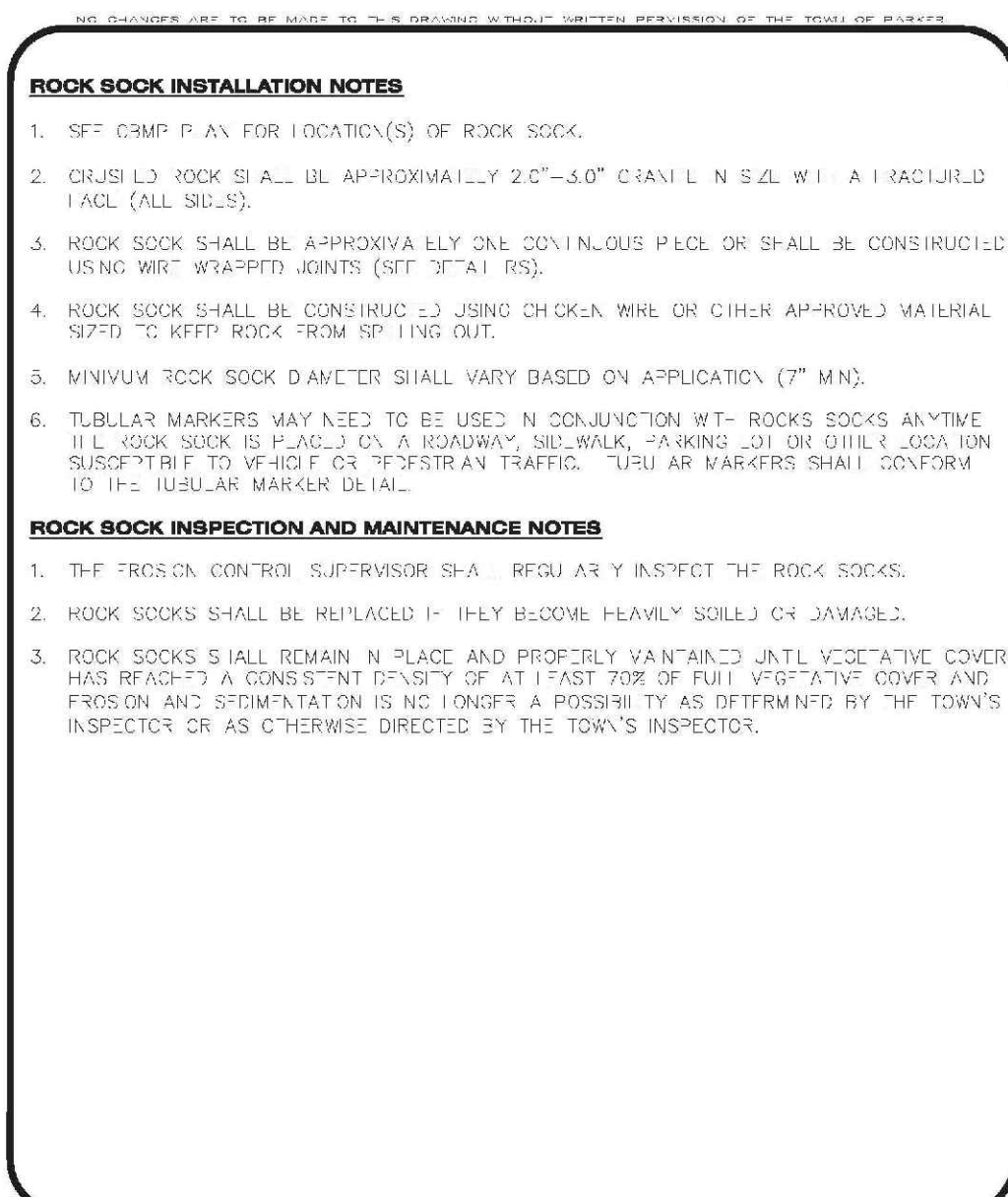
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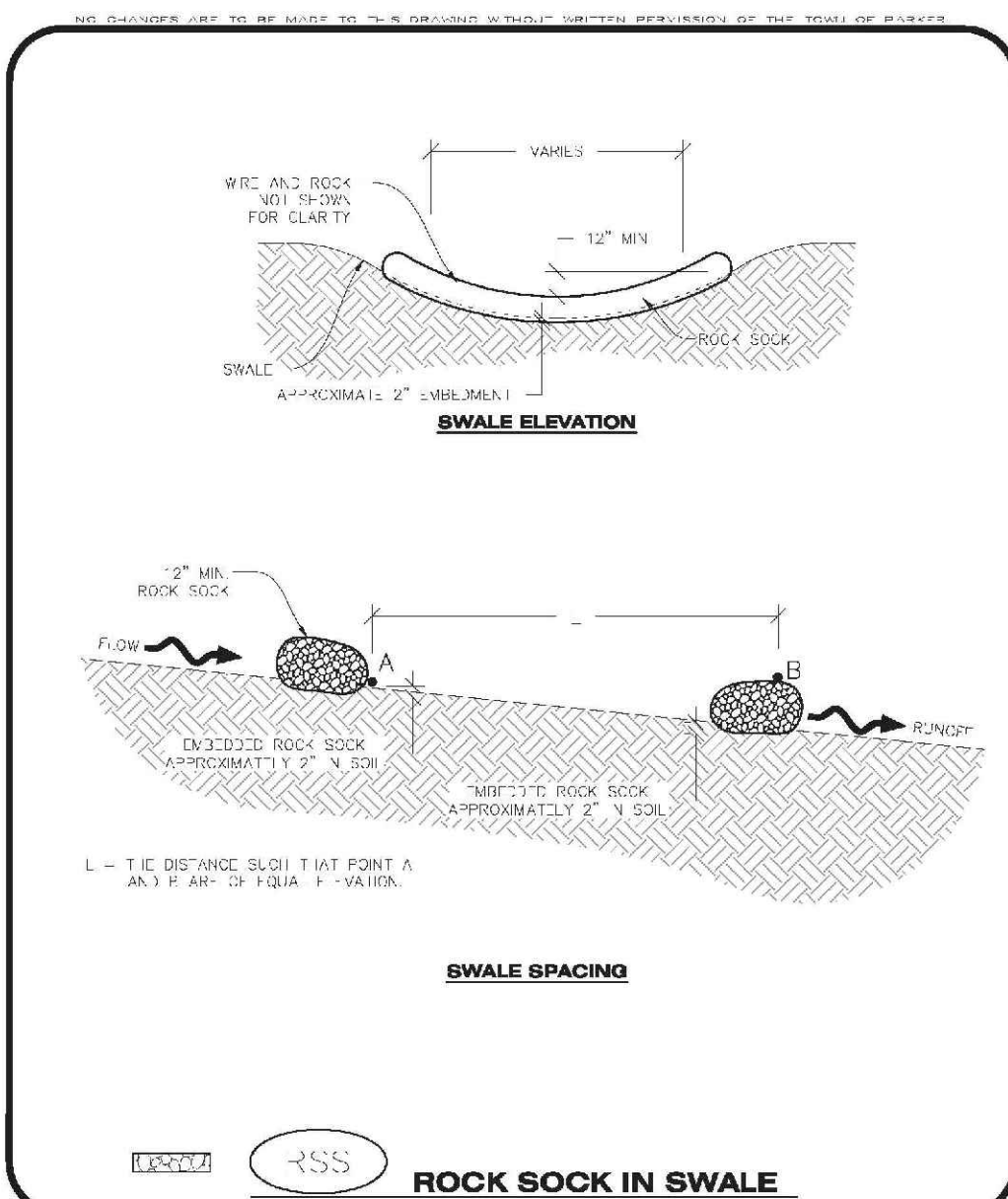
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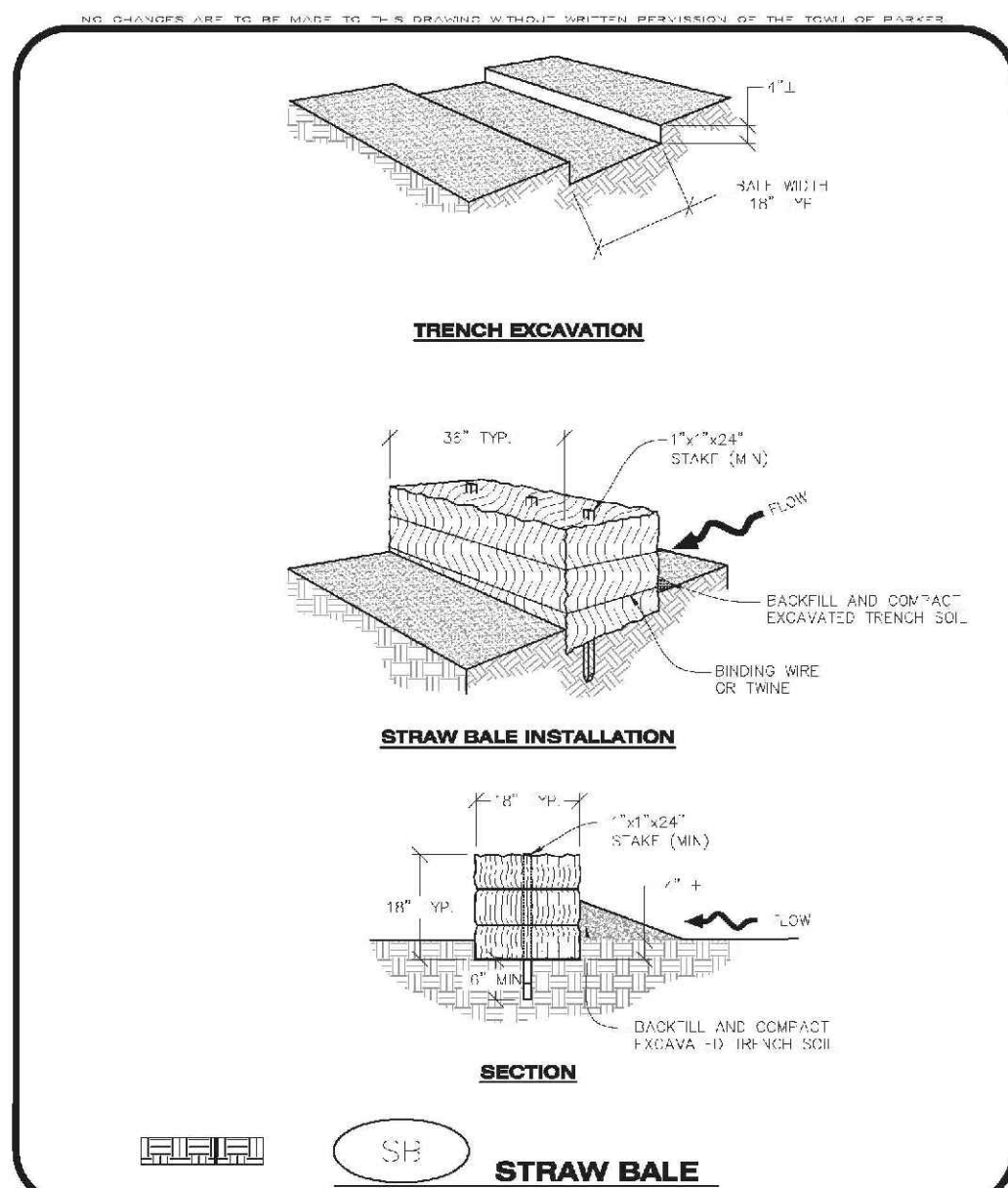
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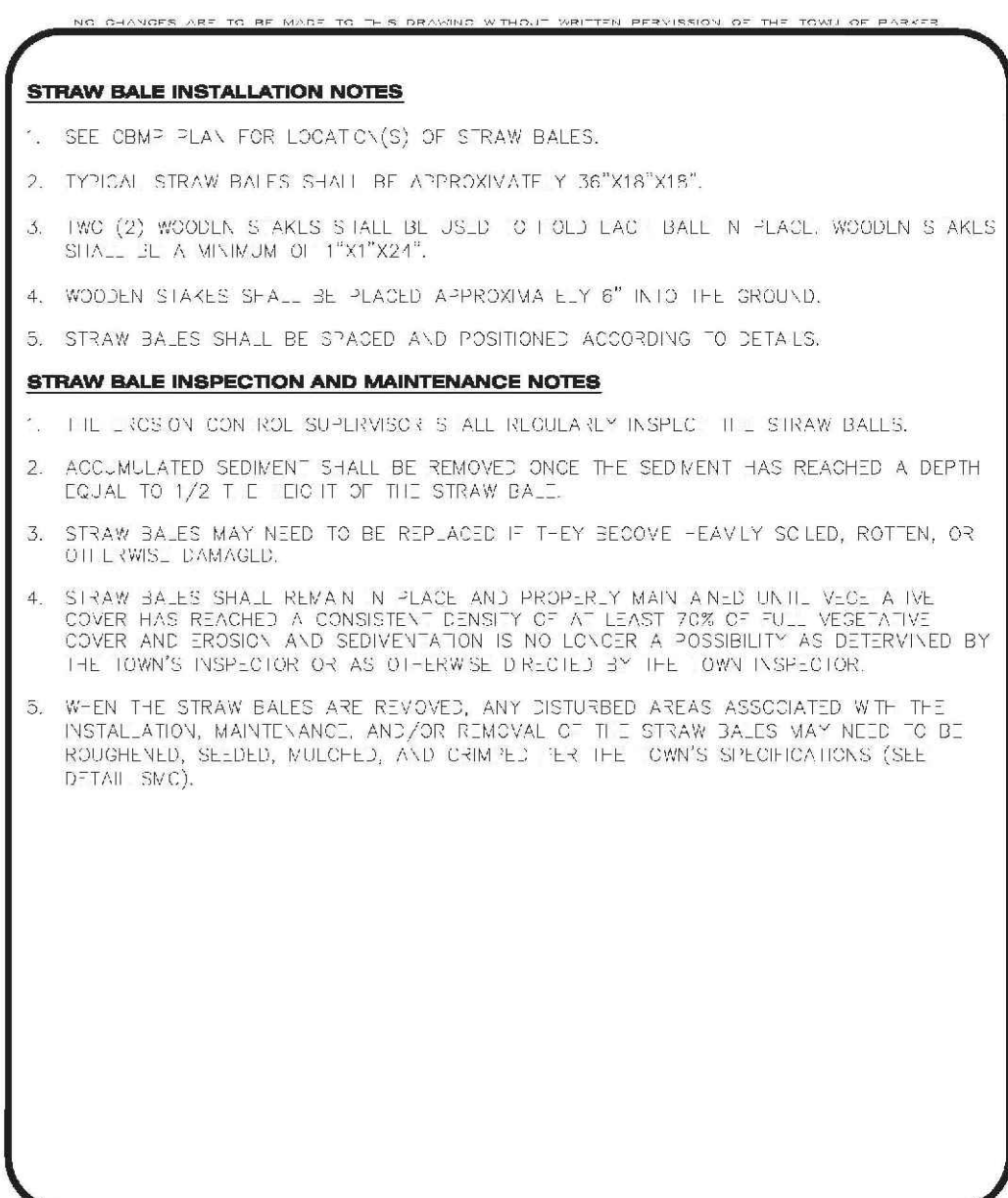
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 COLORADO
 CONSTRUCTION BEST MANAGEMENT PRACTICES
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Oct. 2013





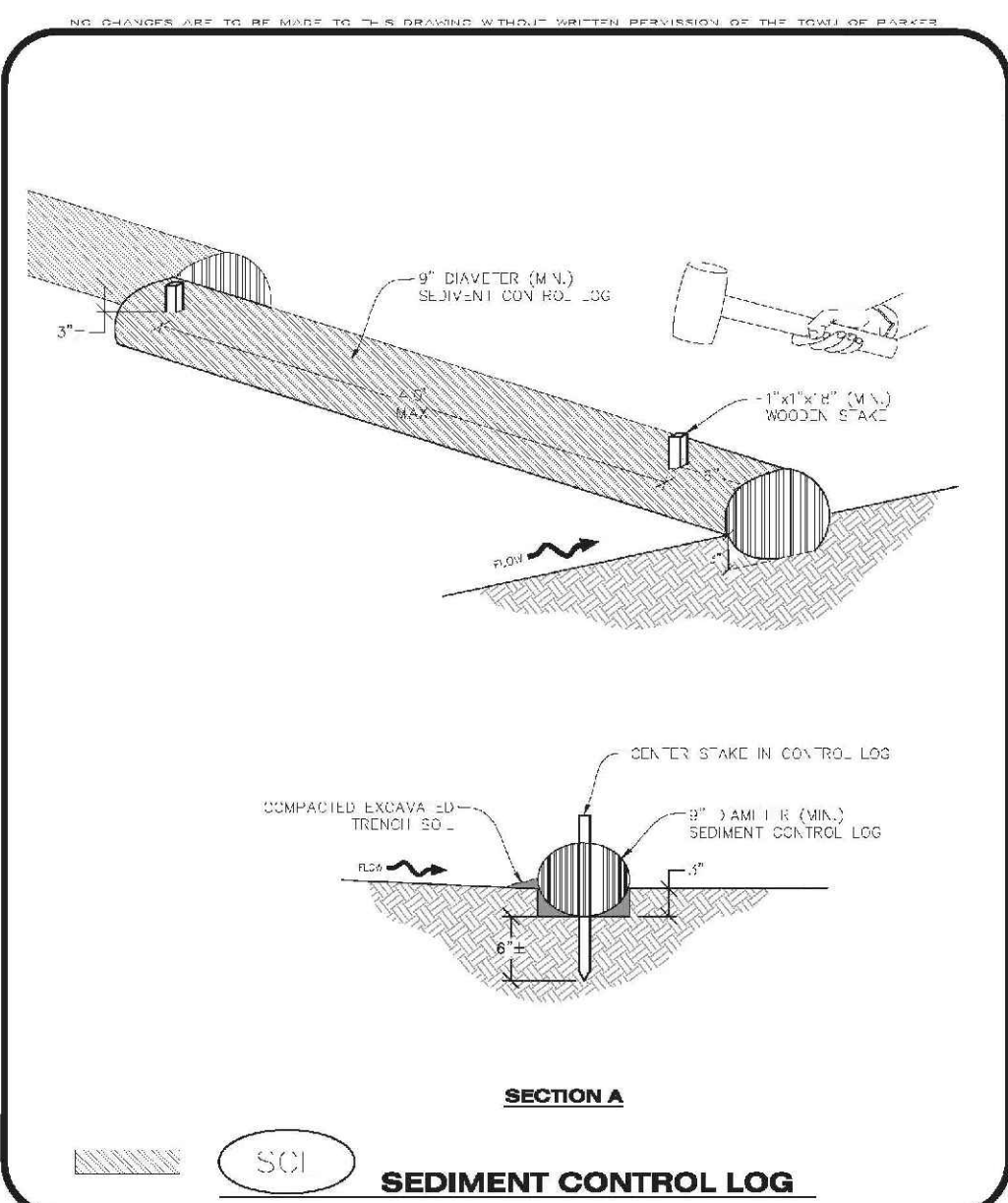
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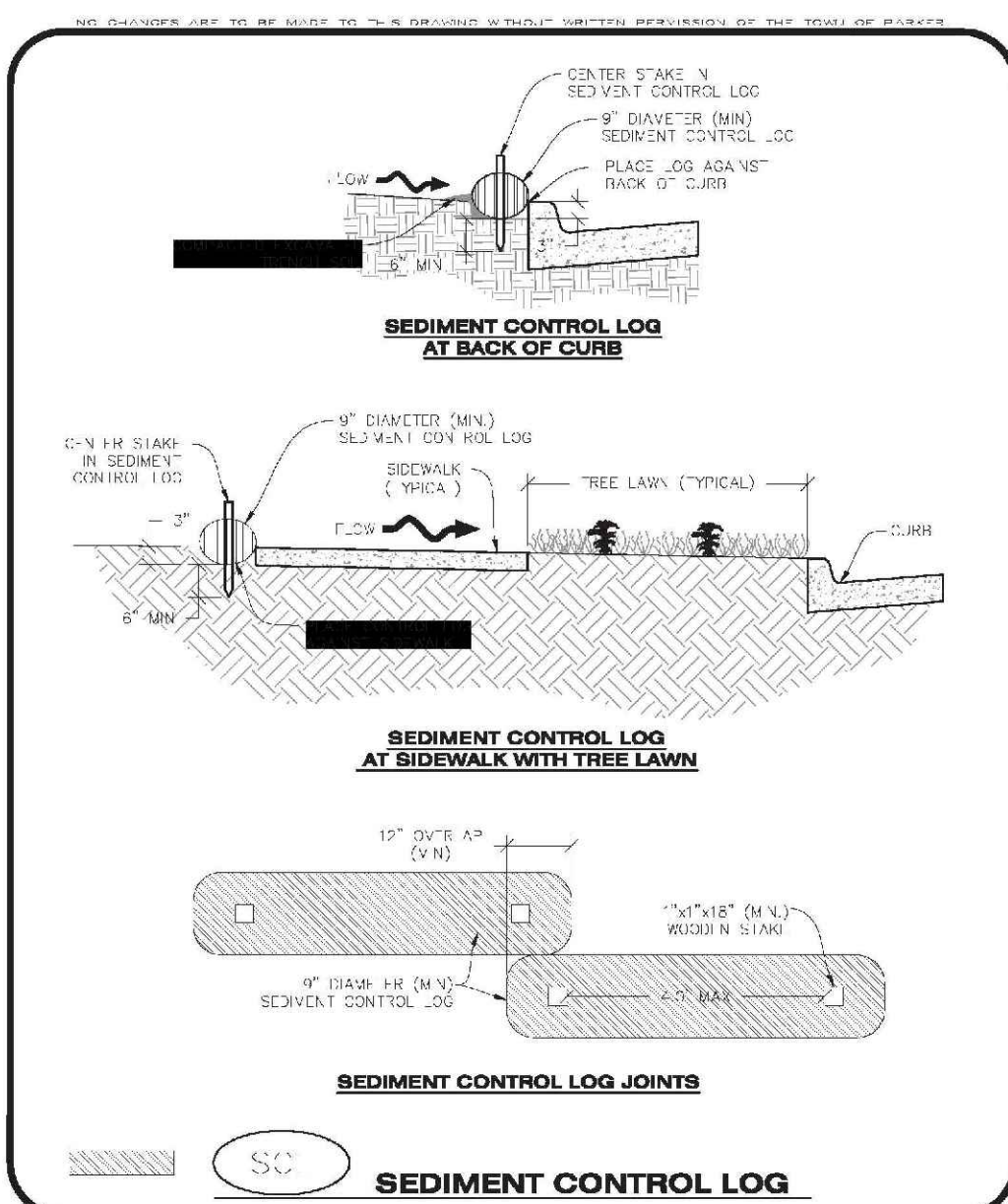
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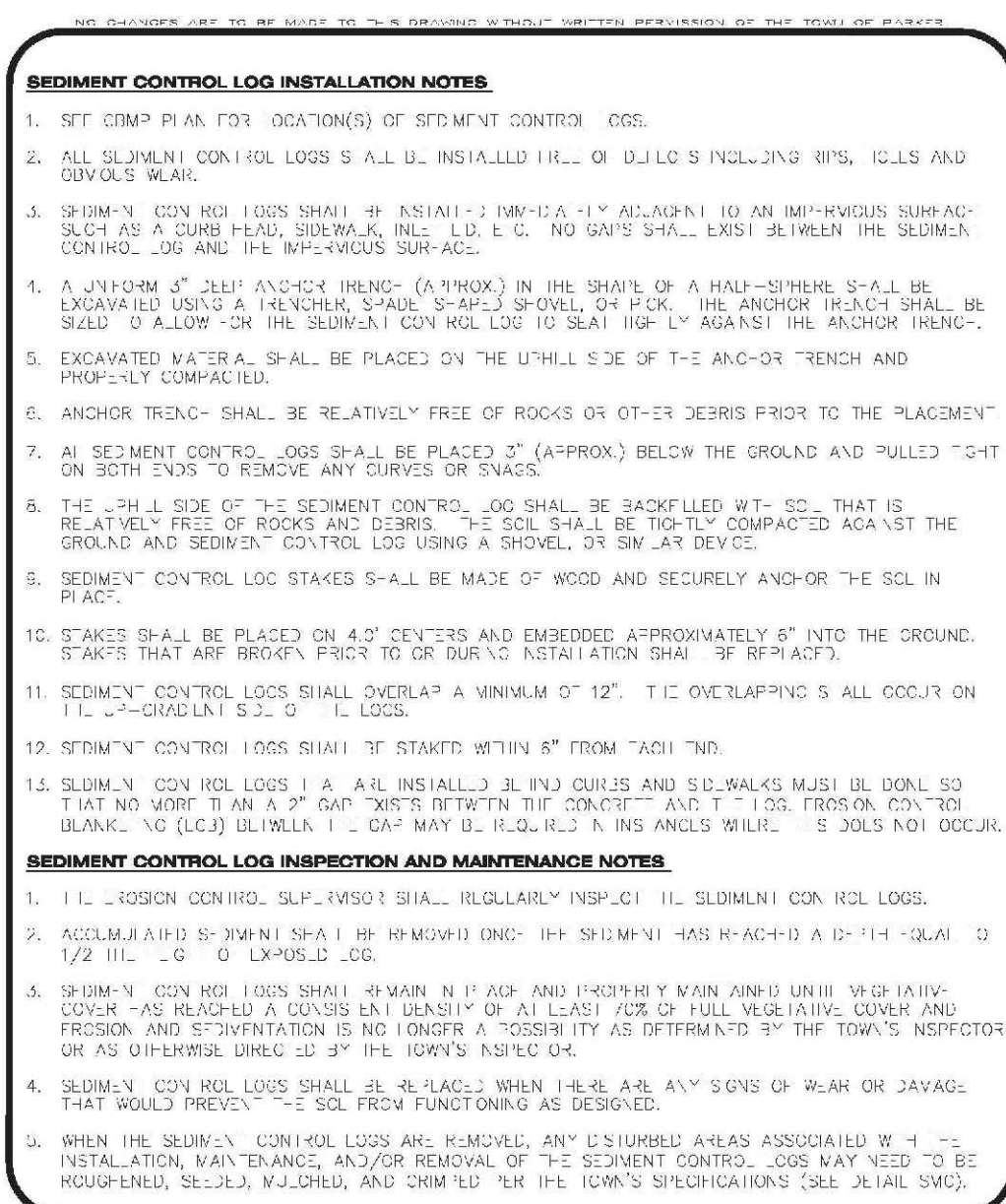
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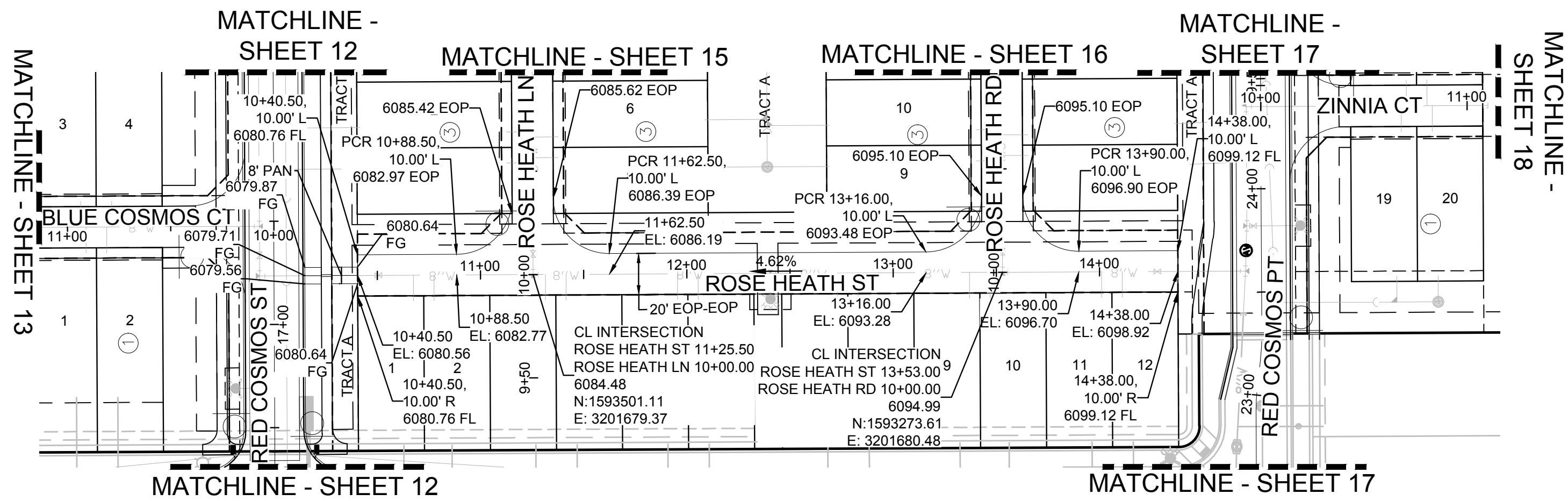


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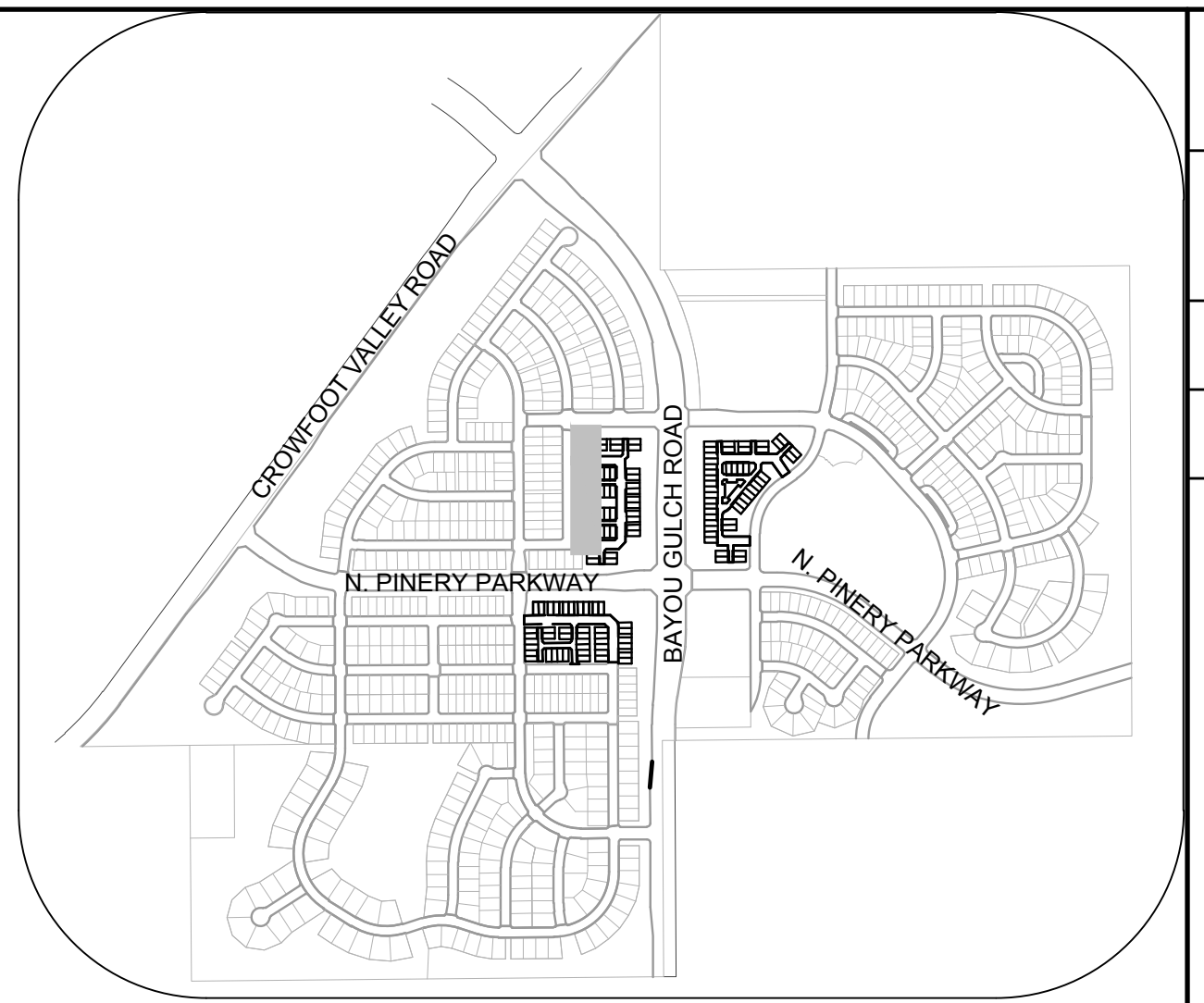
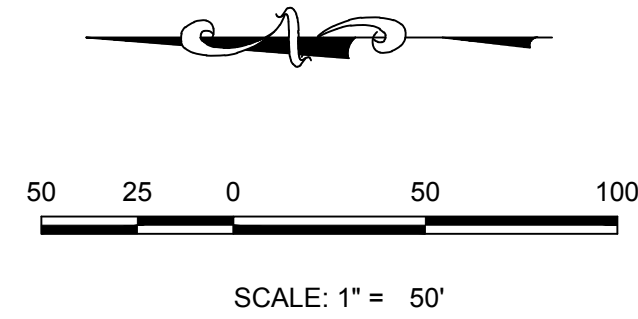




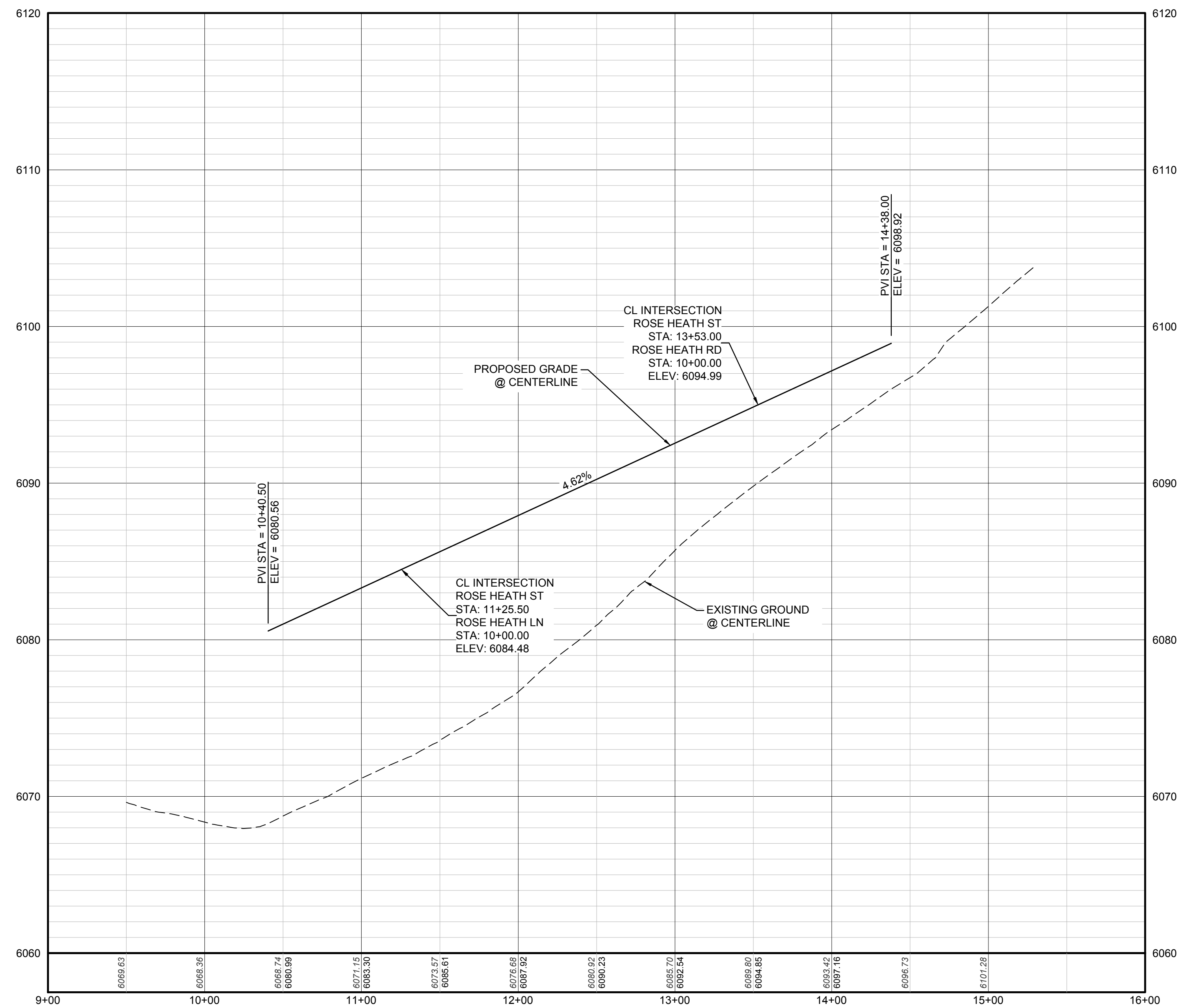




PLAN: ROSE HEATH ST STA: 9+50.00 TO 16+50.00
HORIZONTAL SCALE: 1" = 50'



KEYMAP
N.T.S.



PROFILE: ROSE HEATH ST STA: 9+00.00 TO 16+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LEGEND

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	---	CENTERLINE
6	LOT NUMBER	---	RIGHT-OF-WAY
⊗	PROPOSED BUTTERFLY VALVE	---	PROPERTY LINE
⌈	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
⌋	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
⊗	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
⌚	PROPOSED FIRE HYDRANT	---	EXISTING 5' CONTOUR
⌚	PROPOSED WL FITTING WITH THRUST BLOCK	---	EXISTING 1' CONTOUR
⌚	PROPOSED FLARED END SECTION	---	PROPOSED 5' CONTOUR
⊗	PROPOSED LOW POINT BLOW-OFF	---	PROPOSED 1' CONTOUR
⊗	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
⊗	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⌚	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⌚	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
---	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
---	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	---	EXISTING FIBER OPTIC LINE
⊗	PROPOSED STORM DRAIN INLET	---	EXISTING OVERHEAD POWER
⊗	PROPOSED STORM DRAIN MANHOLE	---	EXISTING TELEPHONE LINE

ABBREVIATIONS

AD	ANGLE DIFFERENCE	MH	MANHOLE
AV	AIR VAC RELEASE VALVE	N.T.S.	NOT TO SCALE
BVC	BEGIN VERTICAL CURVE	PVC	POLYVINYL CHLORIDE
BVP	BEGIN VERTICAL PROFILE	PVI	PT. OF VERTICAL INTERSECTION
CBO	CAP WITH BLOW OFF	PVT	POINT OF VERTICAL TANGENT
CRR	CURB RETURN RADIUS	RCBC	REINFORCED CONCRETE BOX CULVERT
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EVP	END VERTICAL PROFILE	SD	STORM DRAIN
FG	FINISHED GROUND	SL	SECTION LINE
FH	FIRE HYDRANT	SS	SANITARY SEWER
FL	FLOW LINE	STA	STATION
GV	GATE VALVE	T.O.P.	TOP OF PIPE
HCR	HANDICAP CURB RAMP	UE	UTILITY EASEMENT
HP	HIGH POINT	VC	VERTICAL CURVE
INV	INVERT	WL	WATER LINE
K	CURVATURE COEFFICIENT	WLC	WATER LINE CONNECTION
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION

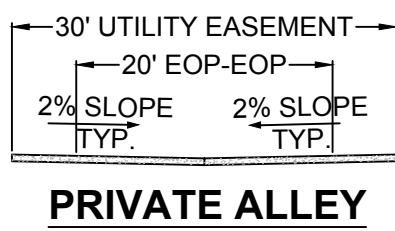
THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING STAMPED, SIGN, AND DATED BY THE PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING 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 _____ DATE _____

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067

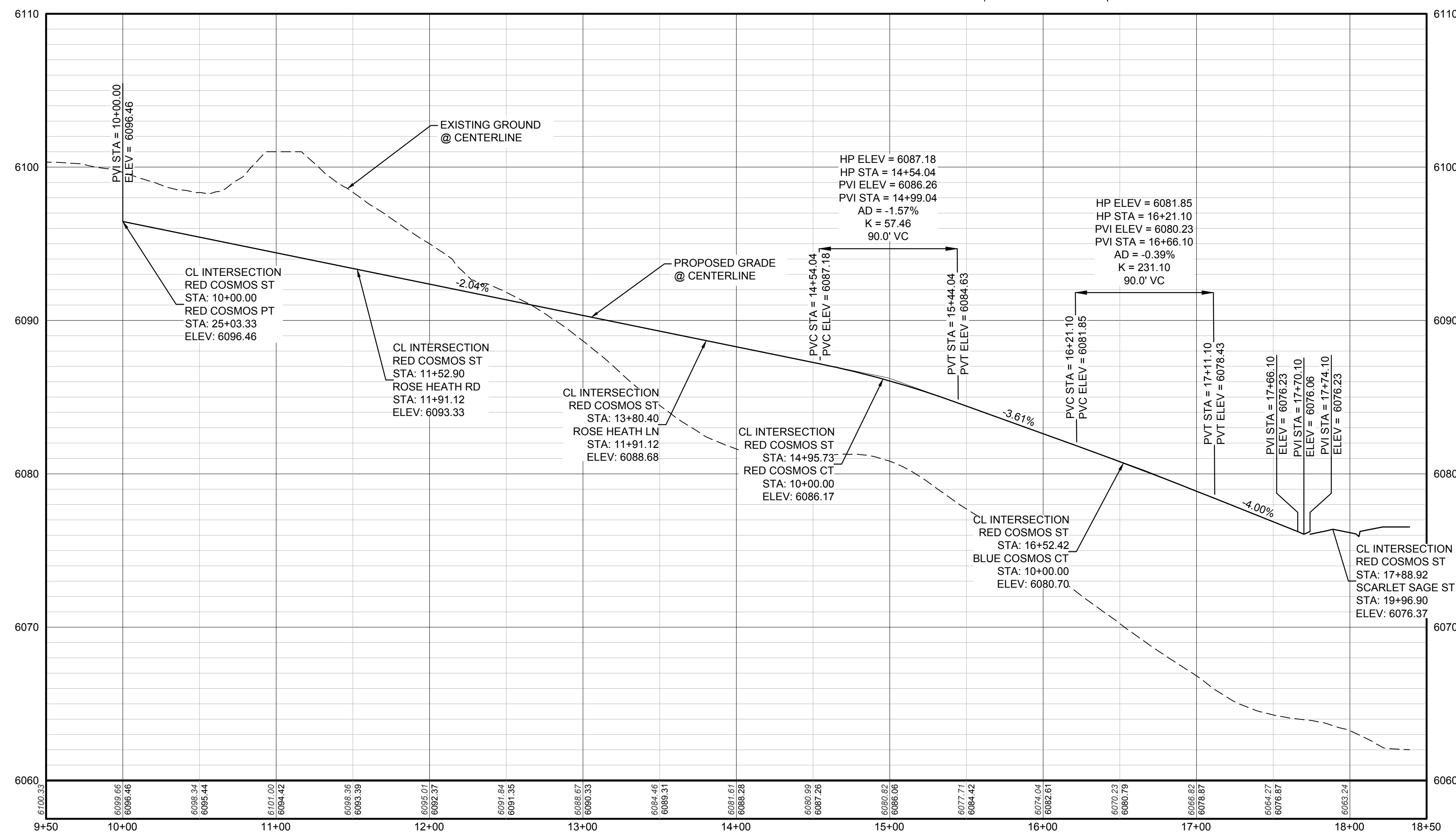


BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
UNCC 1-800-922-1987
UTILITY NOTIFICATION
CENTER OF COLORADO

SHEET NUMBER	DRAWN BY: RRR	CHECKED BY: BPW	DATE: SEPTEMBER 2018	SCALE: AS SHOWN	FILE NO: 8130283701	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS STREET AND STORM PLAN & PROFILE ROSE HEATH STREET	HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112		10333 E. Dry Creek Rd. Denver, CO 80140 Tel: (720) 482-9526 Fax: (720) 482-9548	No.	Revisions	Init.	Appr.	Date

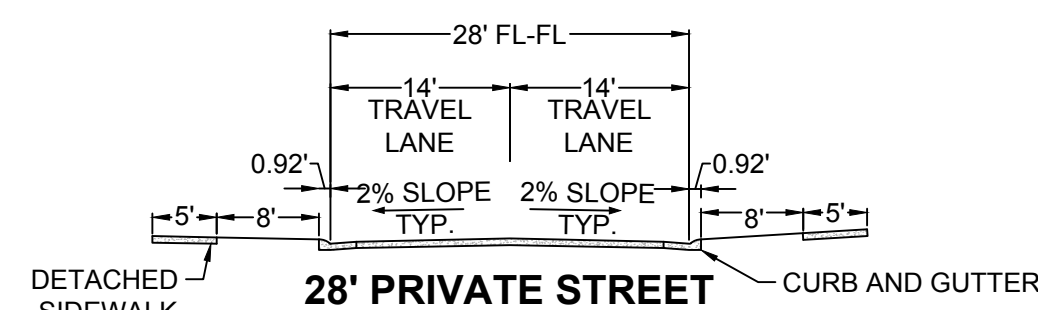


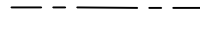
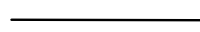
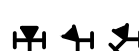
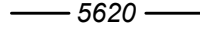
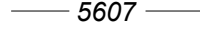
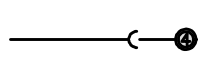
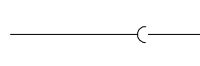
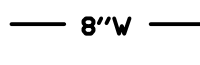
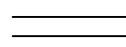
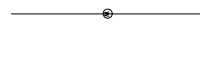
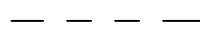
PROFILE: RED COSMOS ST STA: 9+50.00 TO 18+50.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

BENCHMARK
DOUGLAS COUNTY COR
3-1/4" ALUMINUM CAP

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9
BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID
SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT
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SOUTH 00°15'06" EAST, 2648.70 FEET.

BRIAN P. WILSON
COLORADO P.E. 0050067



	BLOCK NUMBER		PROPOSED RANGE POINT
	LOT TYPE		CENTERLINE
6	LOT NUMBER		RIGHT-OF-WAY
	PROPOSED BUTTERFLY VALVE		PROPERTY LINE
	PROPOSED CAP WITH END OF LINE BLOWOFF		EDGE OF PAVEMENT
	PROPOSED REDUCER		PROPOSED DIRECTION OF FLOW
	PROPOSED VALVE		PROPOSED SLOPE & DIRECTION
	PROPOSED FIRE HYDRANT		EXISTING 5' CONTOUR
	PROPOSED WL FITTING WITH THRUST BLOCK		EXISTING 1' CONTOUR
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	PROPOSED LOW POINT BLOW-OFF		PROPOSED 1' CONTOUR
	PROPOSED AIR VALVE		PROPOSED STORM DRAIN
	FUTURE PHASE VALVE		PROPOSED SEWER LINE WITH MANHOLE
	FUTURE FIRE HYDRANT		PROPOSED SEWER LATERAL
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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

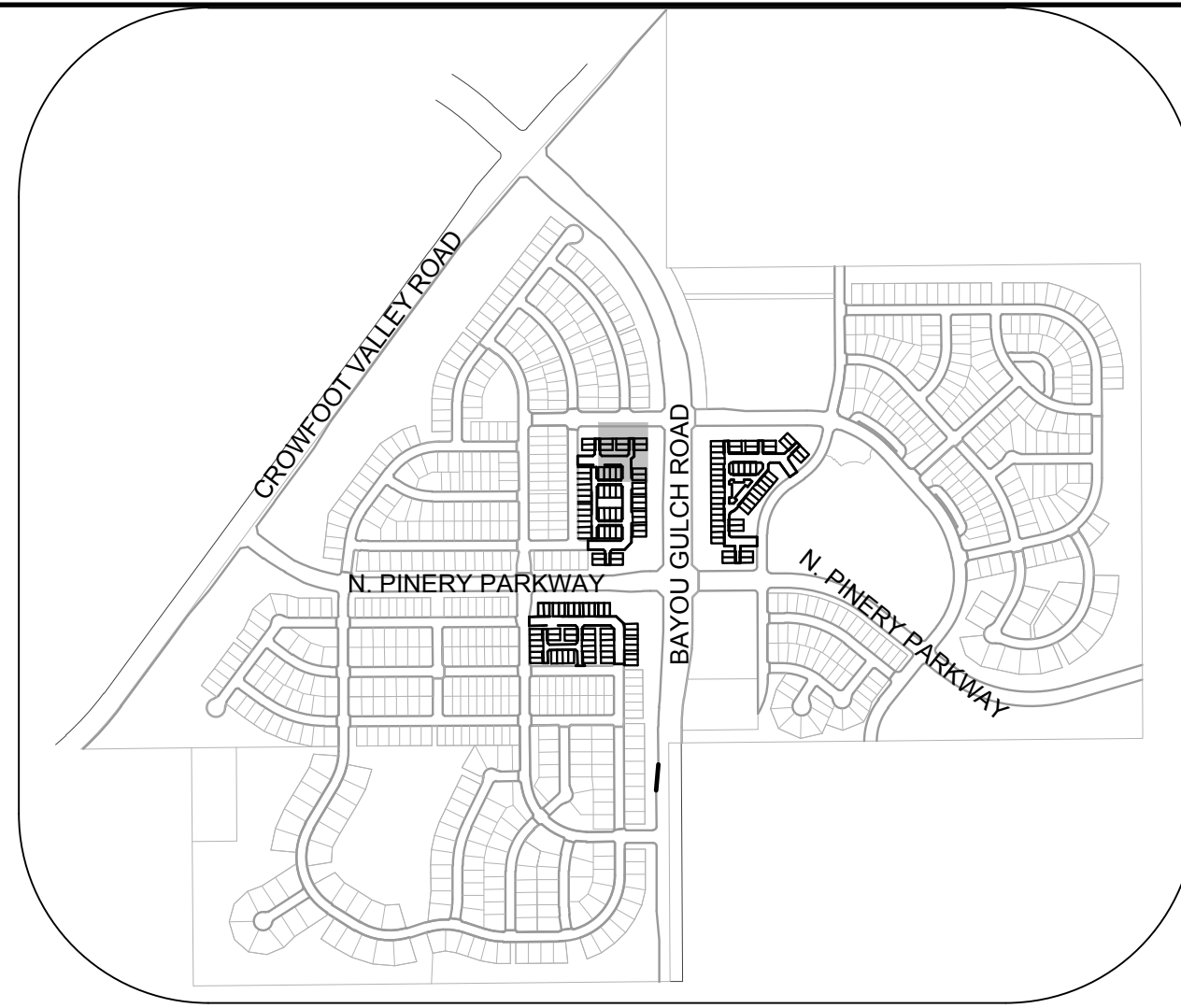
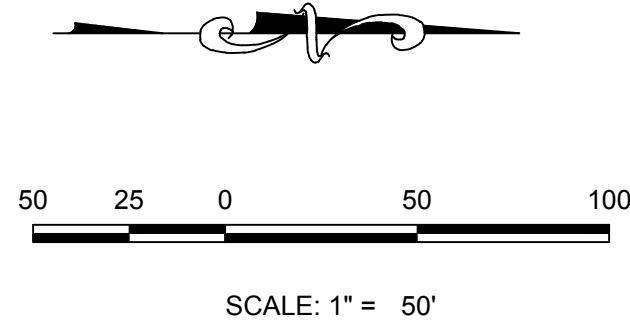
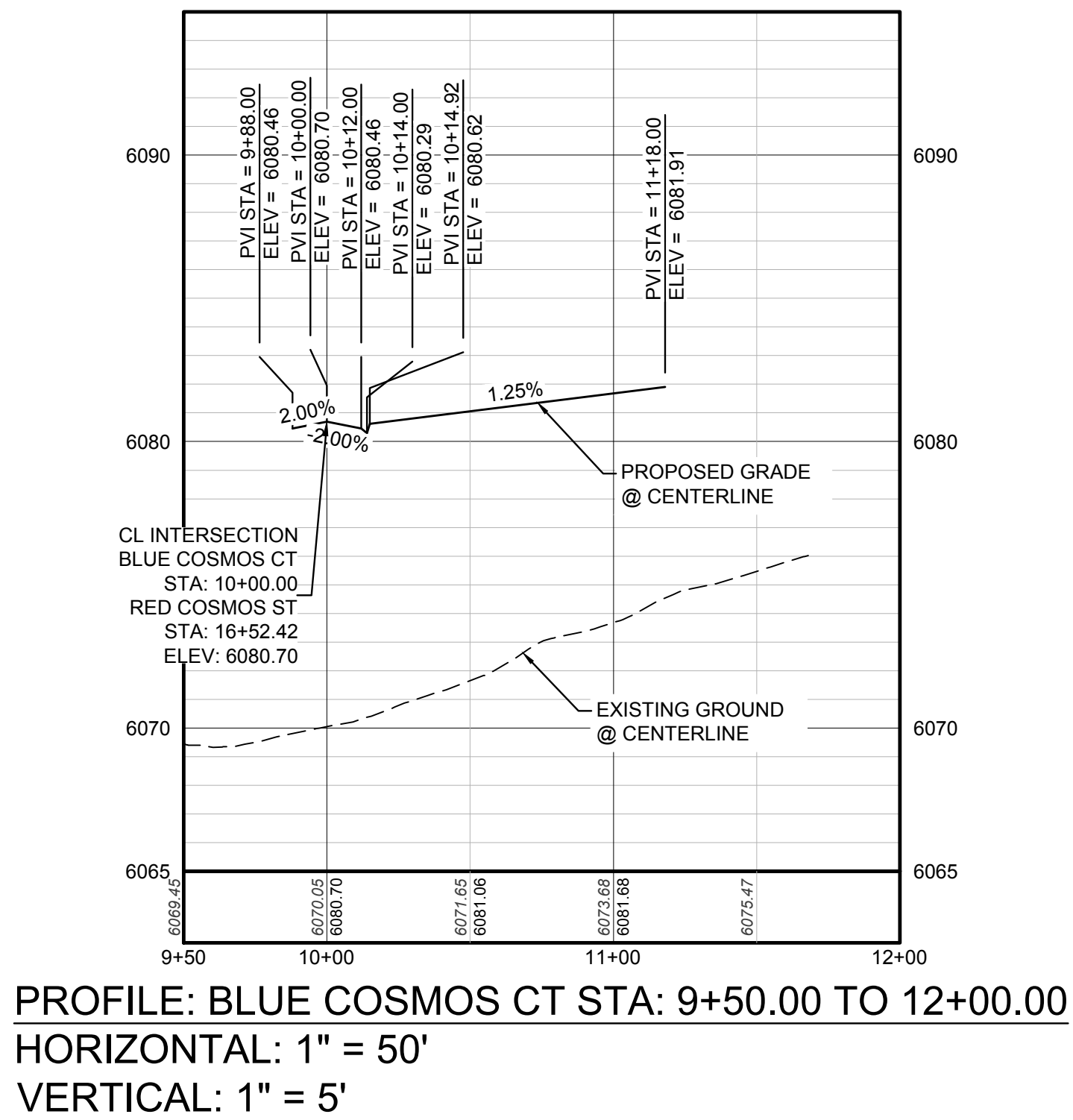
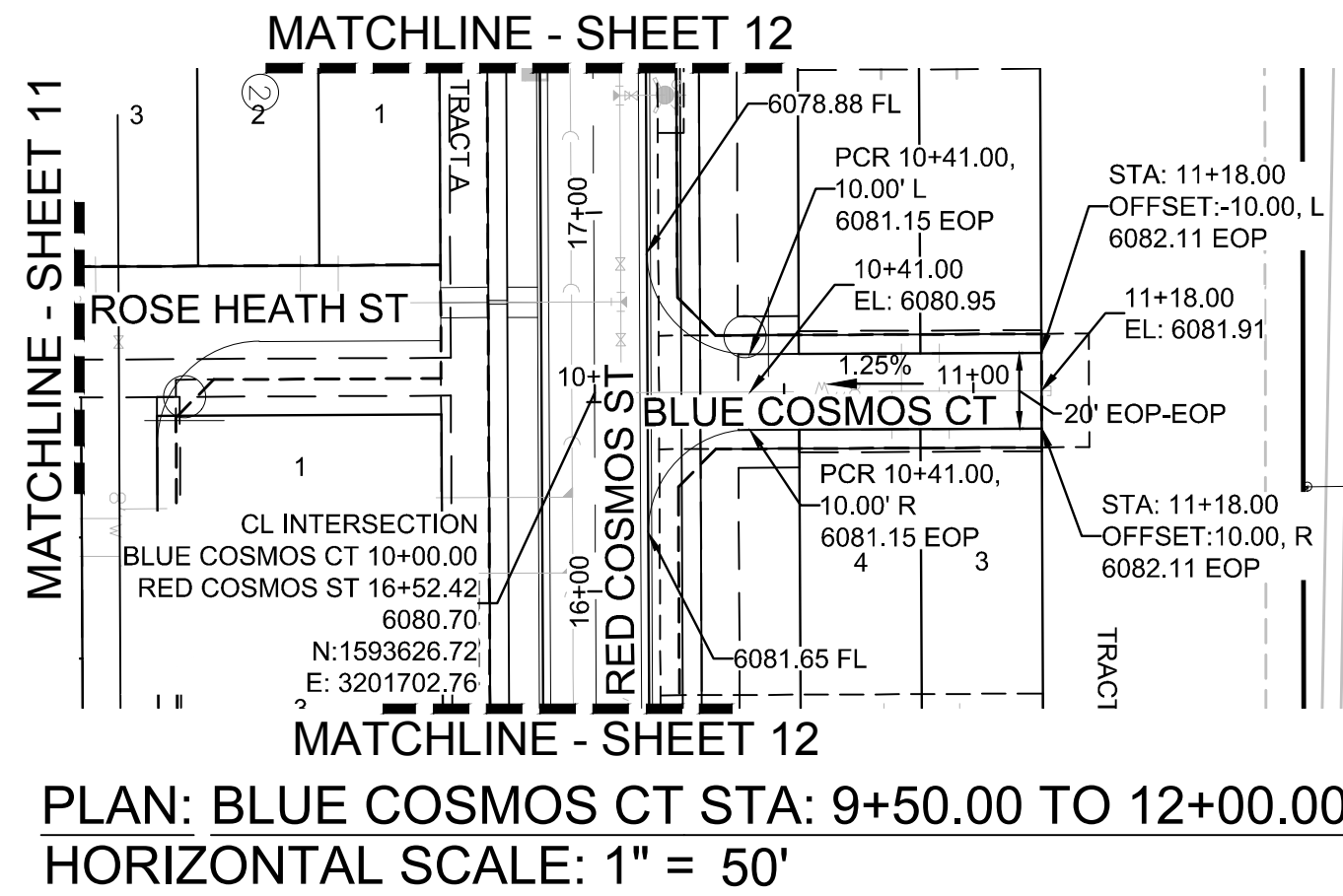
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		CHECKED BY:	BRW	AS SHOWN										
		DATE:	SEPTEMBER 2018	FILE NO:	8130283701									
		TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS STREET AND STORM PLAN & PROFILE RED COSMOS STREET												
		 HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112												
		 10333 E. Dry Creek Rd. Suite 240 Englewood, CO 80112 Tel: (720) 462-9528 Fax: (720) 462-9546												
			No.	Revisions			Date	Init.	Appr.	Date				

N:\PROJECTS\SSR\BANCROFT\ENGINEERING\SSR\BANCROFT\MULTIFAMILY\CDSE\FH\TOWN OF PARKER\STREET PLAN AND PROFILE\DUMMAY ALIGNMENT DWG. BRIANN, 10/29/2018 1:14 PM



CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
UNCC 1-800-922-1987

UTILITY NOTIFICATION
CENTER OF COLORADO



LEGEND

②	BLOCK NUMBER	△	PROPOSED RANGE POINT
Ⓐ	LOT TYPE	---	CENTERLINE
6	LOT NUMBER	---	RIGHT-OF-WAY
⊗	PROPOSED BUTTERFLY VALVE	---	PROPERTY LINE
┌	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
⌞	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
⊗	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
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⊗	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
⌞	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⌞	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⌞	PROPOSED LIGHT POLE	---	PROPOSED WATER LINE
---	PROPOSED SIDEWALK	8" W	PROPOSED WATER LATERAL W/ METER
---	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	FO	EXISTING FIBER OPTIC LINE
⊗	PROPOSED STORM DRAIN INLET	OH	EXISTING OVERHEAD POWER
⊗	PROPOSED STORM DRAIN MANHOLE	TEL	EXISTING TELEPHONE LINE

ABBREVIATIONS

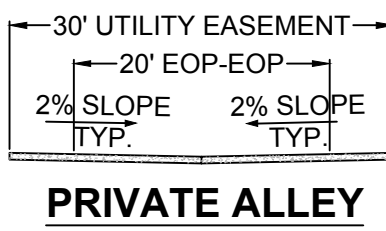
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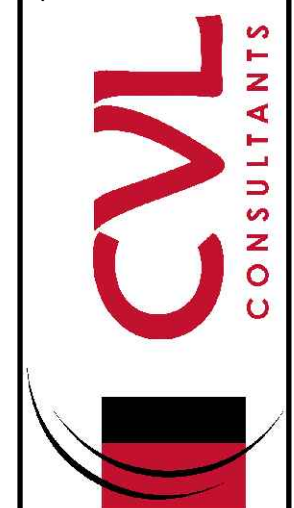
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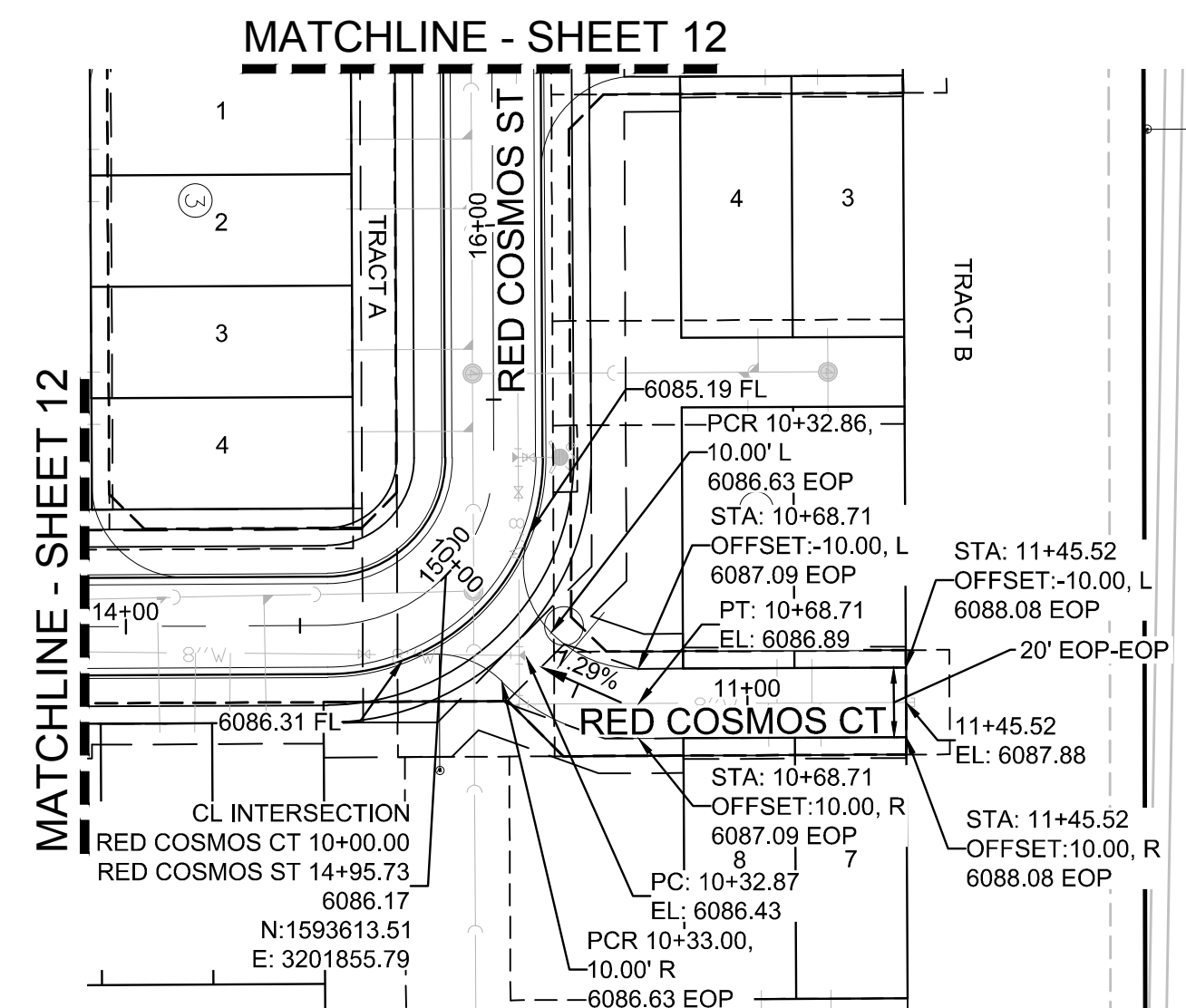
BRIAN P. WILSON
COLORADO P.E. 0050067



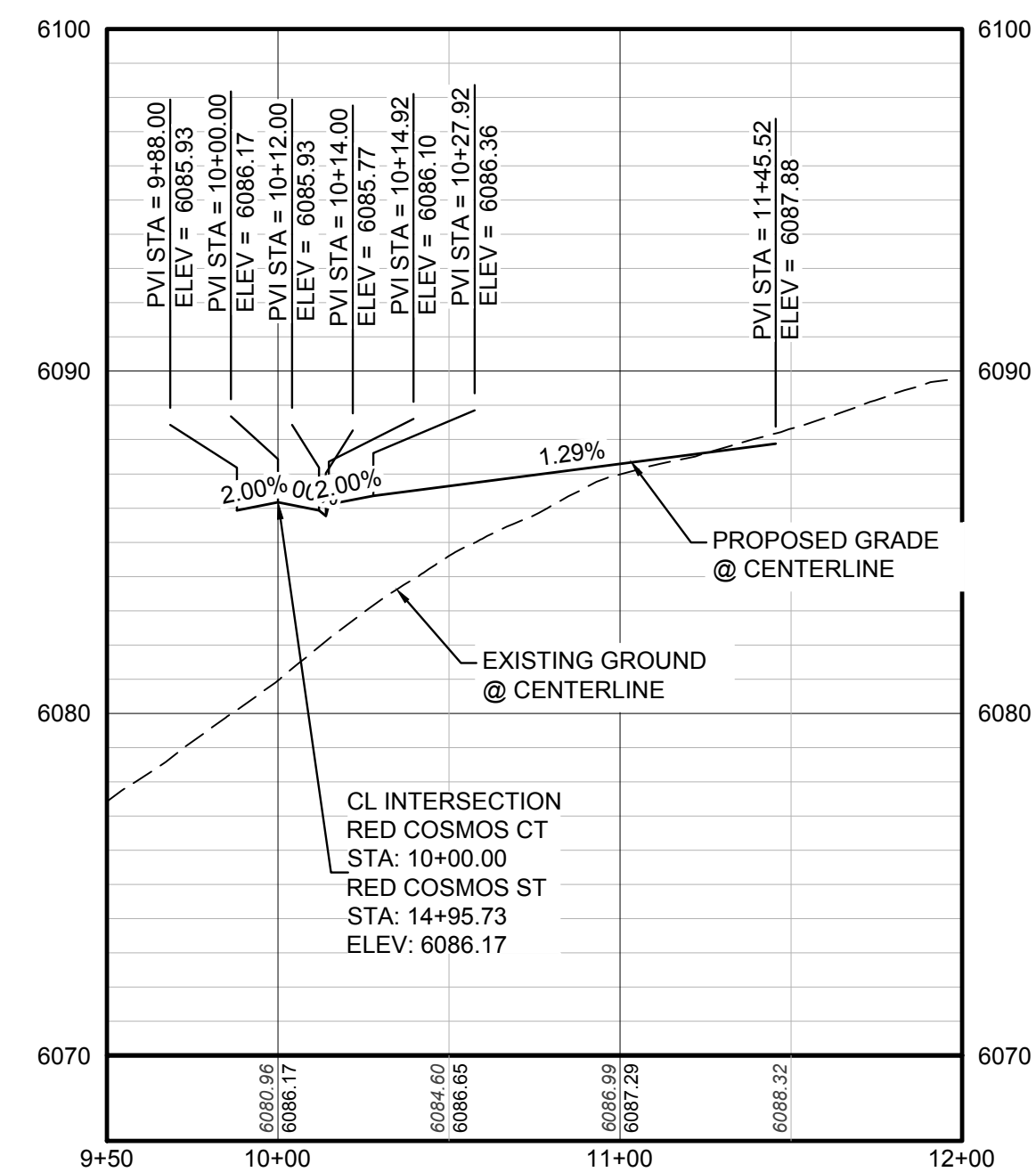
BENCHMARK
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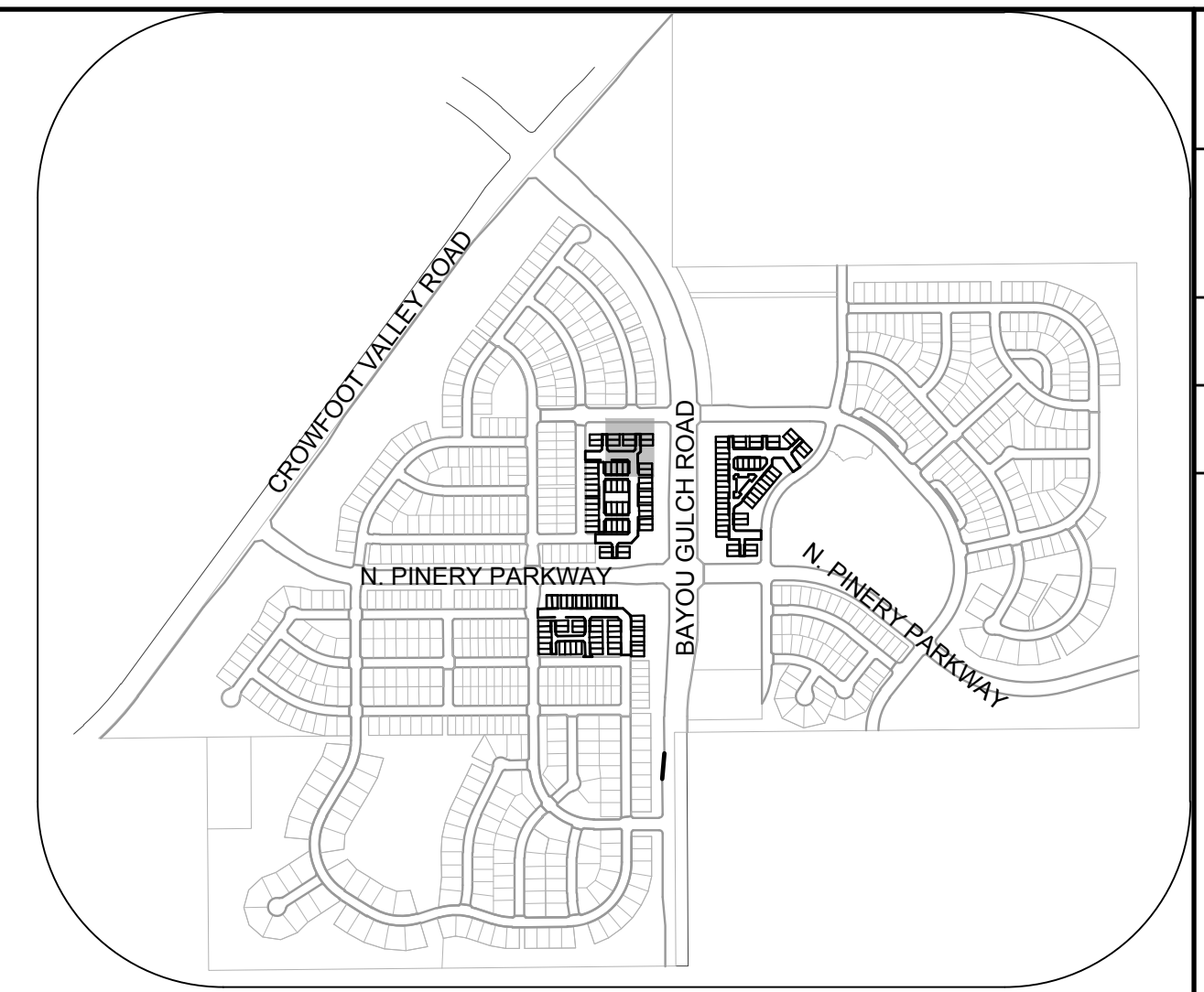
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PLAN: RED COSMOS CT STA: 9+50.00 TO 12+00.00
HORIZONTAL SCALE: 1" = 50'

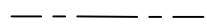
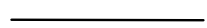
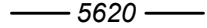
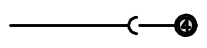
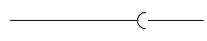
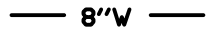
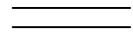
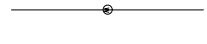
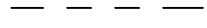


PROFILE: RED COSMOS CT STA: 9+50.00 TO 12+00.00
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KEYMAP
N.T.S.

LEGEND

	PLAN NUMBER		PROPOSED RANGE POINT
	LOT TYPE		CENTERLINE
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	PROPOSED CAP WITH END OF LINE BLOWOFF		EDGE OF PAVEMENT
	PROPOSED REDUCER		PROPOSED DIRECTION OF FLOW
	PROPOSED VALVE		PROPOSED SLOPE & DIRECTION
	PROPOSED FIRE HYDRANT		EXISTING 5' CONTOUR
	PROPOSED WL FITTING WITH THRUST BLOCK		EXISTING 1' CONTOUR
	PROPOSED FLARED END SECTION		PROPOSED 5' CONTOUR
	PROPOSED LOW POINT BLOW-OFF		PROPOSED 1' CONTOUR
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	FUTURE PHASE VALVE		PROPOSED SEWER LINE WITH MANHOLE
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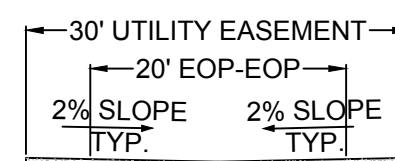
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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

PREPARED UNDER THE
SUPERVISION OF

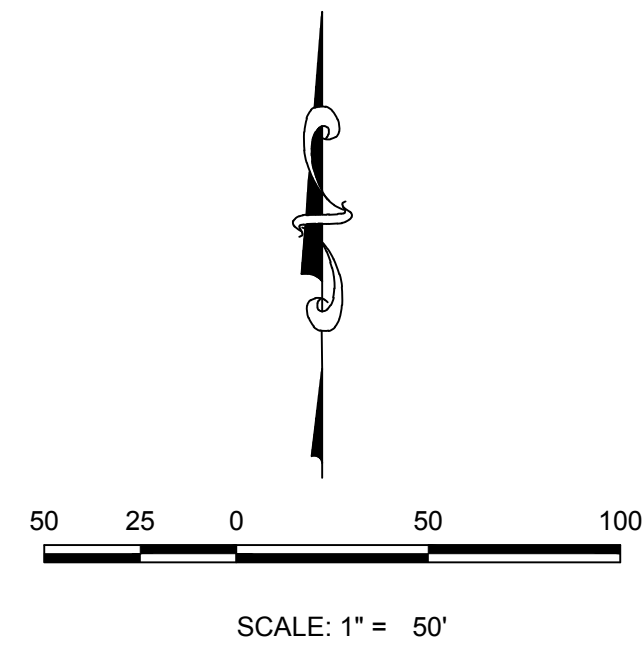
BRIAN P. WILSON
COLORADO P.E. 0050067



PRIVATE ALLEY

BENCHMARK
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[illegible]

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	PROPOSED CAP WITH END OF LINE BLOWOFF	=====	EDGE OF PAVEMENT
	PROPOSED REDUCER		PROPOSED DIRECTION OF FLOW
	PROPOSED VALVE	<u>1.0%</u>	PROPOSED SLOPE & DIRECTION
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	PROPOSED LOW POINT BLOW-OFF	— 5607 —	PROPOSED 1' CONTOUR
	PROPOSED AIR VALVE		PROPOSED STORM DRAIN
	FUTURE PHASE VALVE		PROPOSED SEWER LINE WITH MANHOLE
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	FUTURE LIGHT POLE		PROPOSED WATER LINE
=====	PROPOSED SIDEWALK		PROPOSED WATER LATERAL W/ METER
	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION		FILING BOUNDARY
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BRIAN P. WILSON
COLORADO P.E. 0050067



CVL
CONSULTANTS

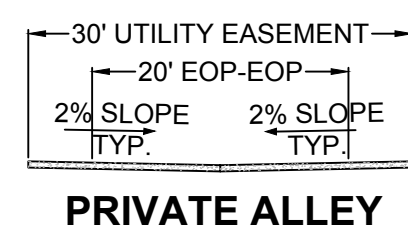
HR 935 LLC
7353 South Alton Way
CENTENNIAL, CO 80112

TRAILS AT CROWFOOT
FILING 14 CONSTRUCTION DRAWINGS
STREET AND STORM PLAN & PROFILE
ROSE HEATH LANE

DRAWN BY: RRR	SCALE: AS SHOWN
CHECKED BY: BPW	FILE NO: 8130283701
DATE: SEPTEMBER 2018	

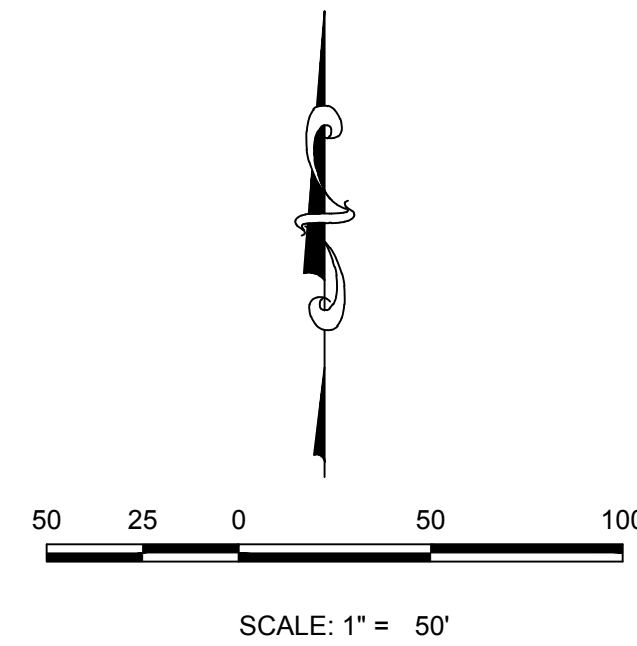
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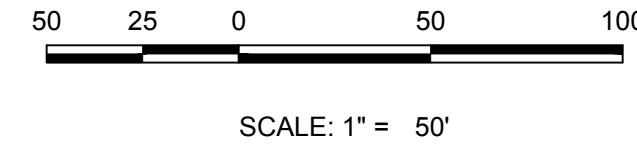
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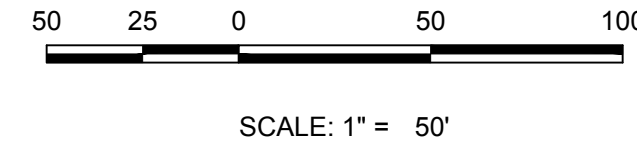
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SCALE: 1" = 50'



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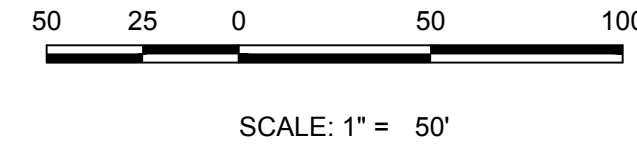
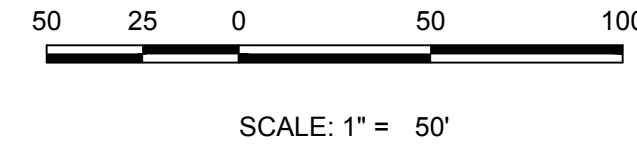
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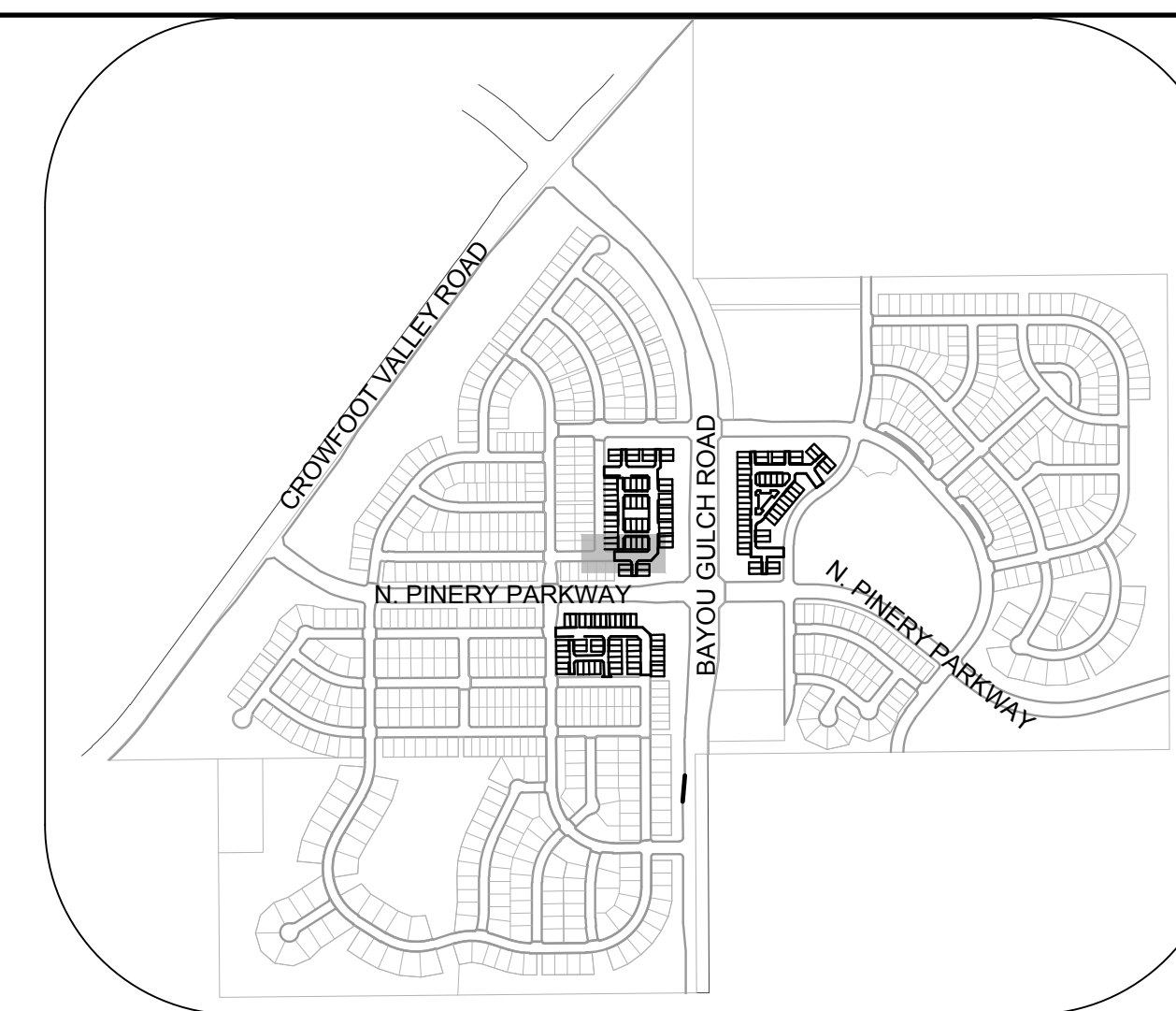
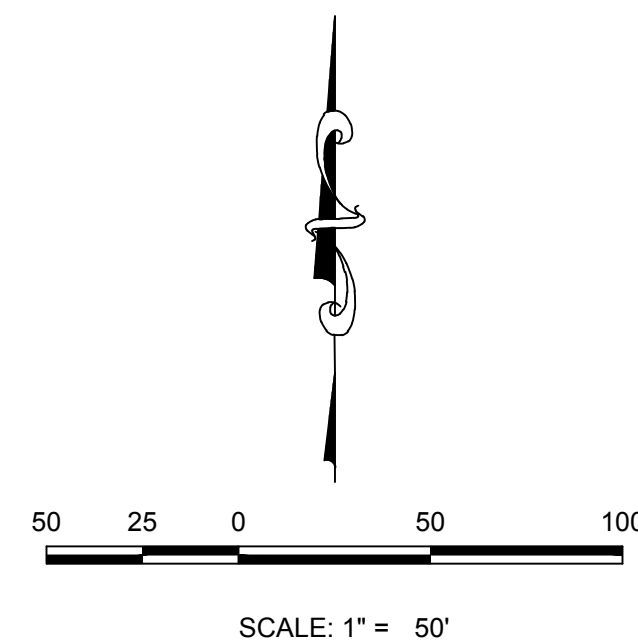
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KEYMAP

N.T.S.

LEGEND

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K	CURVATURE COEFFICIENT	WLC	WATER LINE CONNECTION
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION

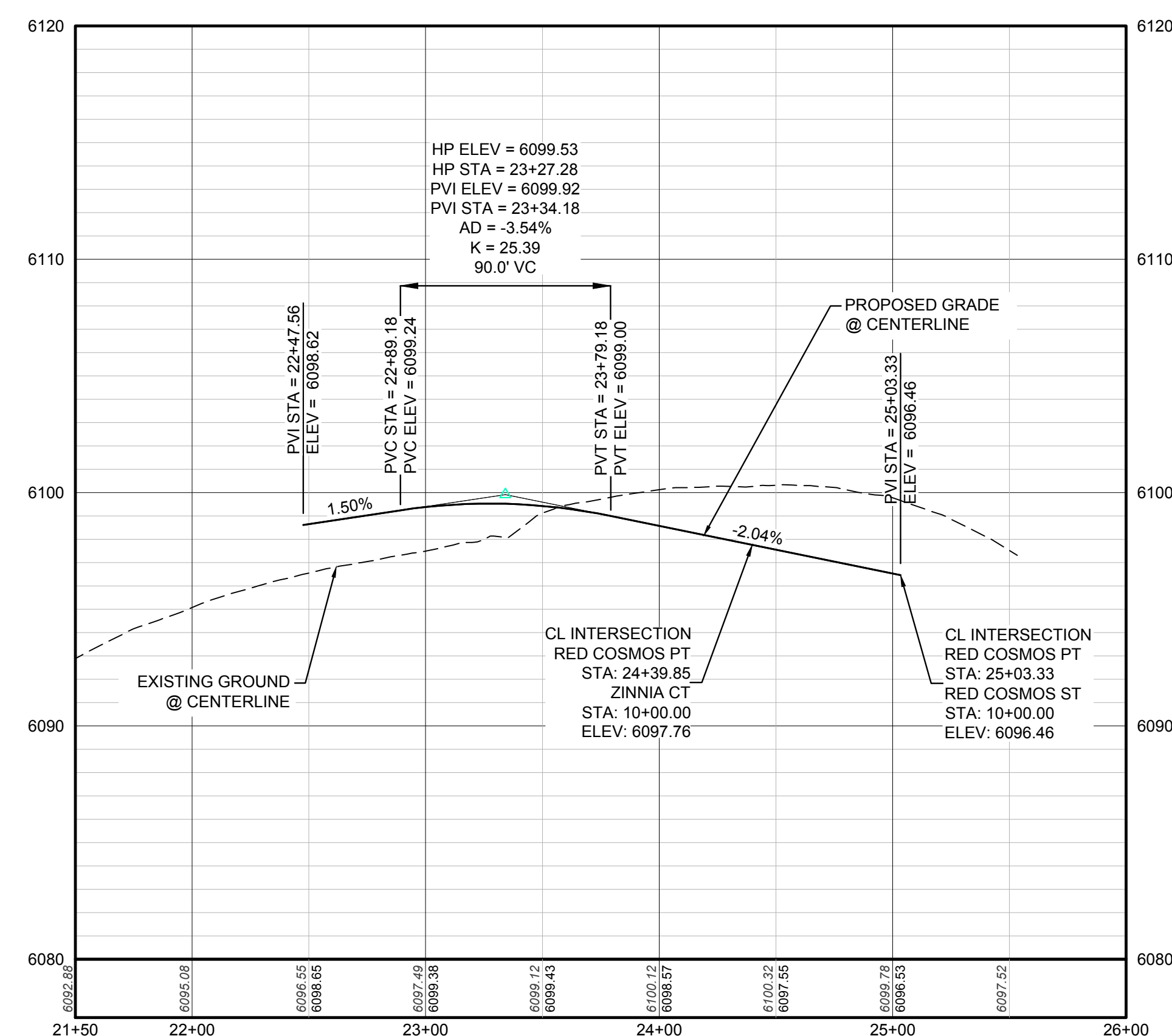
THE TOWN OF PARKER REVIEW CONSTITUTES GENERAL COMPLIANCE WITH THE TOWN'S STANDARDS AND APPROVED VARIANCES, SUBJECT TO THESE PLANS BEING REVIEWED, SIGNED AND DATED BY A PROFESSIONAL ENGINEER OF RECORD. REVIEW BY THE TOWN DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN OR ACCURACY AND CORRECTNESS OF ENGINEERING 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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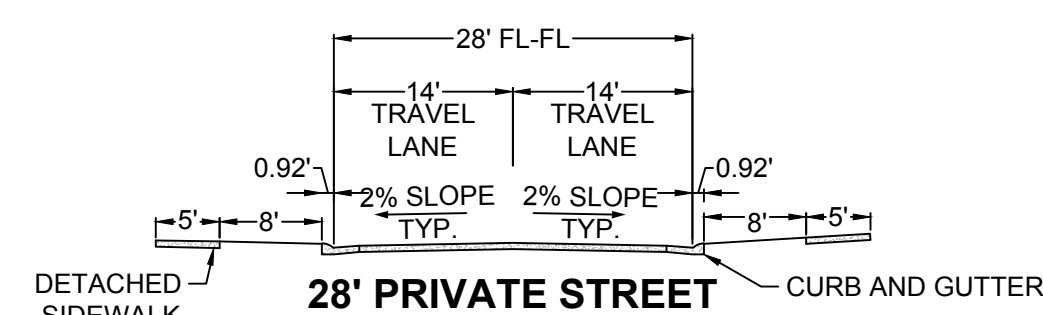
TOWN OF PARKER, DIRECTOR OF ENGINEERING DATE

PREPARED UNDER THE
SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067



PROFILE: RED COSMOS PT STA: 21+50.00 TO 26+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9
BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID
SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT
THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2"
ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR
SOUTH 00°15'06" EAST 2648.70 FEET



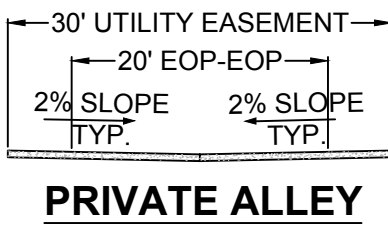
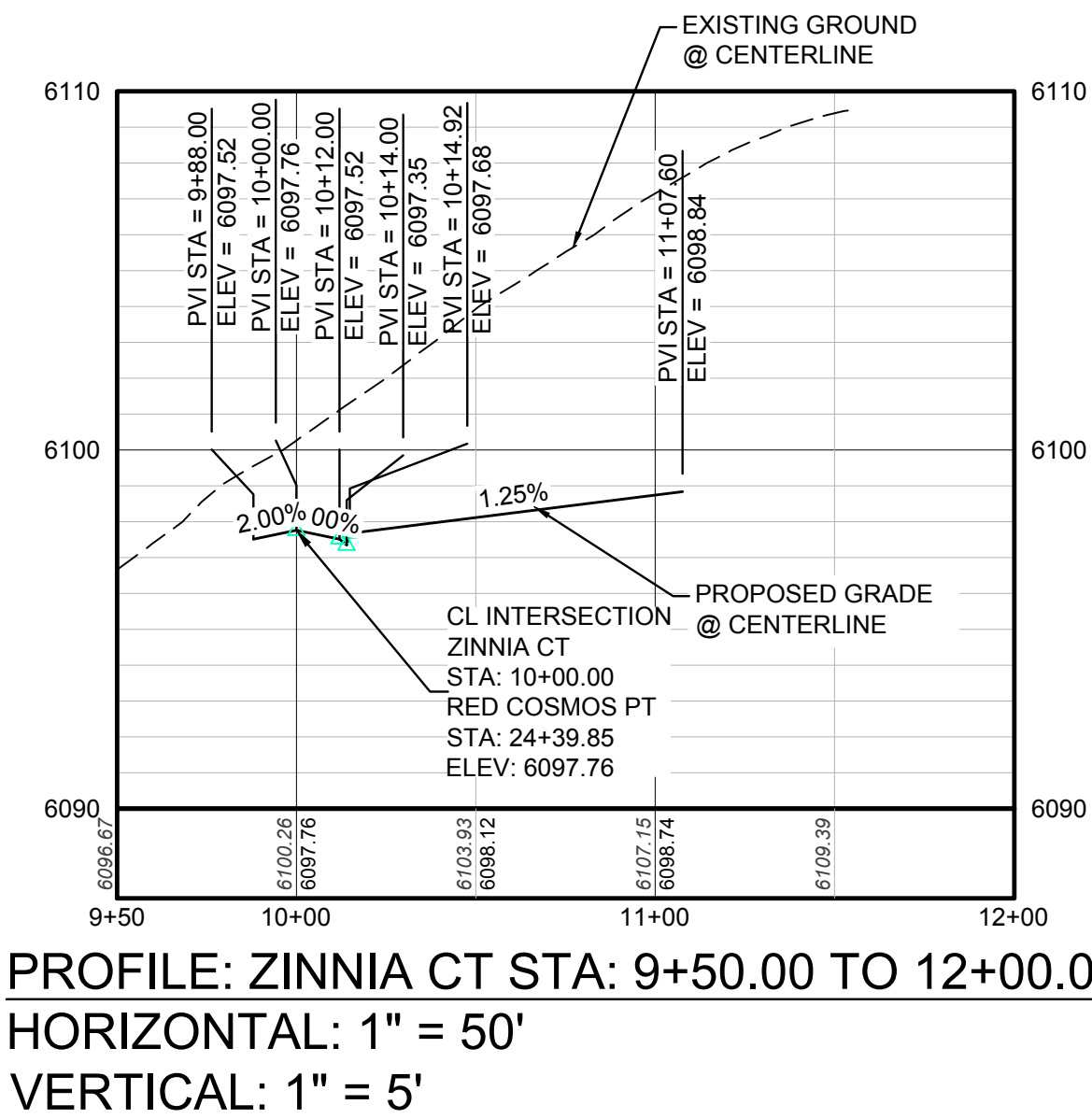
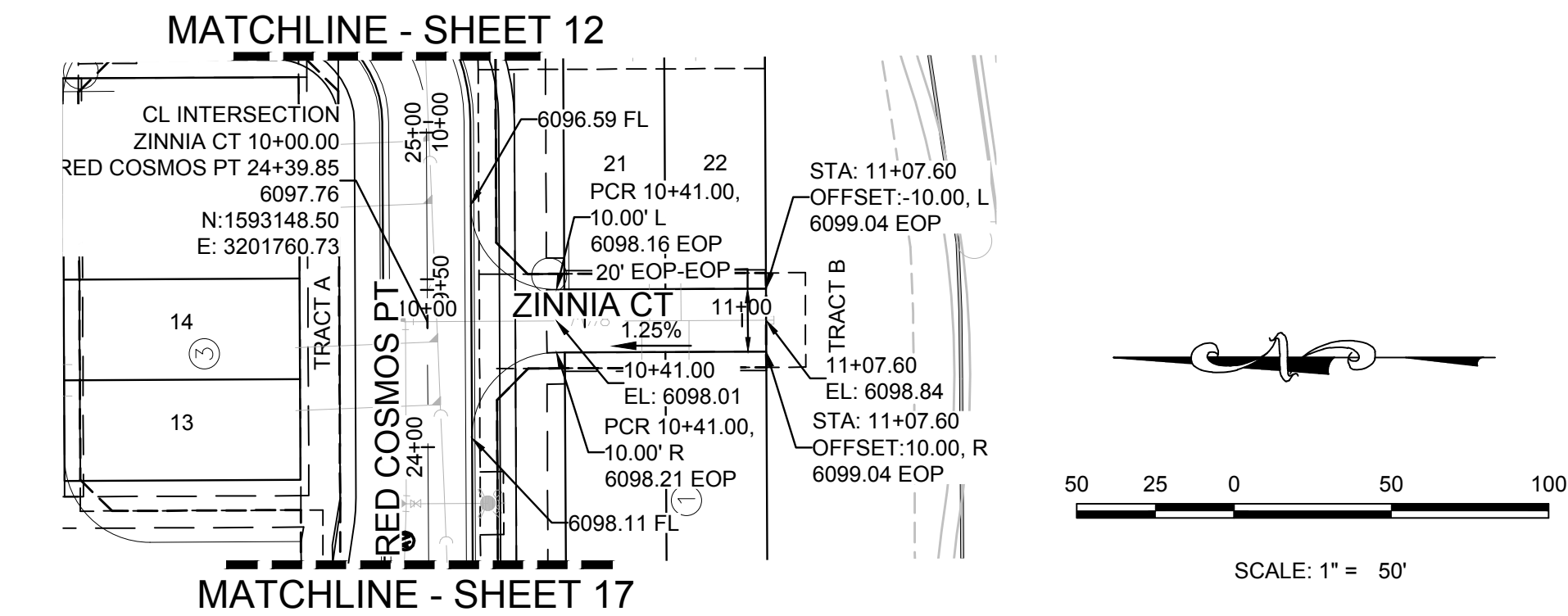
SHEET NUMBER 17	DRAWN BY:	RBR	SCALE:	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS STREET AND STORM PLAN & PROFILE RED COSMOS POINT			10333 E. Dry Creek Rd. Suite 240 Englewood, CO 80112 Tel: (720) 462-9526 Fax: (720) 462-9546			
	CHECKED BY:	BWP	FILE NO.:							
	DATE:	SEPTEMBER 2018	8130283701							
	No.	Revisions	Date					Init.	Appr.	

N:\PROJECTS\SSR\BANCROFT\ENGINEERING\SSR\BANCROFT\MULTIFAMILY\CDSE\H-TOWN OF PARKER\STREET PLAN AND PROFILE\ZINNIA CT.DWG, BRIANK, 10/29/2018 1:21 PM



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CENTER OF COLORADO



BENCHMARK
DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.060032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.

PREPARED UNDER THE SUPERVISION OF

BRIAN P. WILSON
COLORADO P.E. 0050067



KEYMAP
N.T.S.

LEGEND

2	BLOCK NUMBER	△	PROPOSED RANGE POINT
A	LOT TYPE	---	CENTERLINE
6	LOT NUMBER	---	RIGHT-OF-WAY
⊗	PROPOSED BUTTERFLY VALVE	---	PROPERTY LINE
┌	PROPOSED CAP WITH END OF LINE BLOWOFF	---	EDGE OF PAVEMENT
⌋	PROPOSED REDUCER	→	PROPOSED DIRECTION OF FLOW
⊗	PROPOSED VALVE	1.0%	PROPOSED SLOPE & DIRECTION
⊗	PROPOSED FIRE HYDRANT	5615	EXISTING 5' CONTOUR
⊗	PROPOSED WL FITTING WITH THRUST BLOCK	5616	EXISTING 1' CONTOUR
⌋	PROPOSED FLARED END SECTION	5620	PROPOSED 5' CONTOUR
⊗	PROPOSED LOW POINT BLOW-OFF	5607	PROPOSED 1' CONTOUR
⊗	PROPOSED AIR VALVE	---	PROPOSED STORM DRAIN
⊗	FUTURE PHASE VALVE	---	PROPOSED SEWER LINE WITH MANHOLE
⊗	FUTURE FIRE HYDRANT	---	PROPOSED SEWER LATERAL
⊗	PROPOSED LIGHT POLE	8"	PROPOSED WATER LINE
---	PROPOSED SIDEWALK	---	PROPOSED WATER LATERAL W/ METER
---	PROPOSED SIDEWALK RAMP	---	SECTION LINE
10.00	EXISTING ELEVATION	---	FILING BOUNDARY
10.00	PROPOSED DESIGN ELEVATION	FO	EXISTING FIBER OPTIC LINE
---	PROPOSED STORM DRAIN INLET	OH	EXISTING OVERHEAD POWER
⊗	PROPOSED STORM DRAIN MANHOLE	TEL	EXISTING TELEPHONE LINE

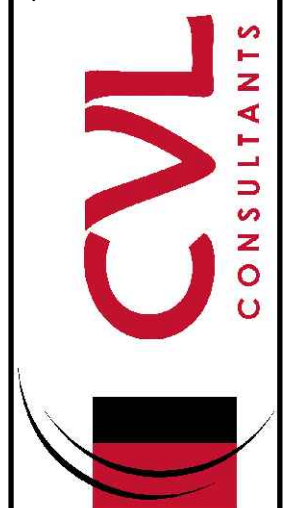
ABBREVIATIONS

AD	ANGLE DIFFERENCE	MH	MANHOLE
AV	AIR VAC RELEASE VALVE	N.T.S.	NOT TO SCALE
BVC	BEGIN VERTICAL CURVE	PVC	POLYVINYL CHLORIDE
BVP	BEGIN VERTICAL PROFILE	PVI	PT. OF VERTICAL INTERSECTION
CBO	CAP WITH BLOW OFF	PVT	POINT OF VERTICAL TANGENT
CRR	CURB RETURN RADIUS	RCBC	REINFORCED CONCRETE BOX CULVERT
EL	ELEVATION	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	ROW	RIGHT OF WAY
EVC	END VERTICAL CURVE	SC	SANITARY CAP
EVP	END VERTICAL PROFILE	SD	STORM DRAIN
FG	FINISHED GROUND	SL	SECTION LINE
FH	FIRE HYDRANT	SS	SANITARY SEWER
FL	FLOW LINE	STA	STATION
GV	GATE VALVE	T.O.P.	TOP OF PIPE
HCR	HANDICAP CURB RAMP	UE	UTILITY EASEMENT
HP	HIGH POINT	VC	VERTICAL CURVE
INV	INVERT	WL	WATER LINE
K	CURVATURE COEFFICIENT	WLC	WATER LINE CONNECTION
LF	LINEAR FEET	WSE	WATER SURFACE ELEVATION

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TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

SHEET NUMBER	DRAWN BY: RRR	CHECKED BY: BPW	DATE: SEPTEMBER 2018	SCALE: AS SHOWN	FILE NO: 8130283701	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS STREET AND STORM PLAN & PROFILE ZINNIA COURT	HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112		10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80110 Tel: (720) 482-9526 Fax: (720) 482-9548	No.	Revisions	Appr.	Date

1. IS AND TRAVEL/FINISH WILL REQUIRE LARGER RADIUS AND SHALL BE REVIEWED ON A CASE BY CASE BASIS FOR APPROVAL BY THE TOWN OF PARKER.

2. IF THE LENGTH OF THE CUL-DE-SAC STREET IS LESS THAN 250 FEET, HAND-CAP RAMP(S) MAY BE OMITTED.

3. DRIVER/VEHICLE(S) SHALL BE LOCATED TO AVOID CURE RAMP(S).

NO DIMENSIONS ARE TO BE USED TO THE DRAWING UNLESS OTHERWISE NOTED. 1/2" = 1' SCALE OF PLAN.

**RESIDENTIAL LOCAL CUL-DE-SAC
TYPICAL LAYOUT
STANDARD DETAIL**

DATE
AUGUST
2014

DETAIL
5
1 OF 6

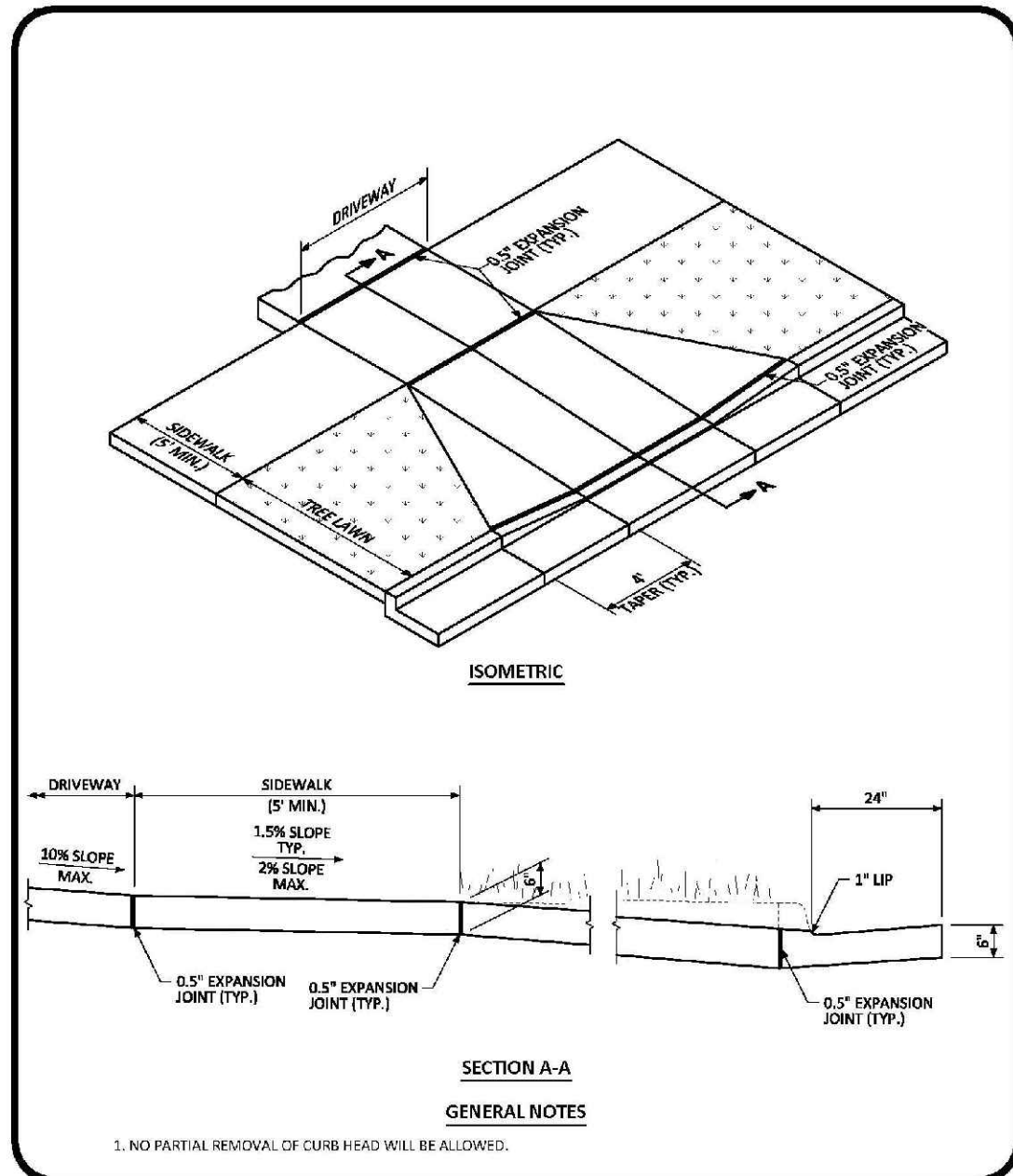
GENERAL NOTES

1. LOCATION AND TYPES OF ACTUAL BARRIERS WILL BE DETERMINED ON A PROJECT SPECIFIC BASIS.
2. DRIVEWAY LOCATIONS SHALL BE LOCATED TO AVOID CURB RAMPS.

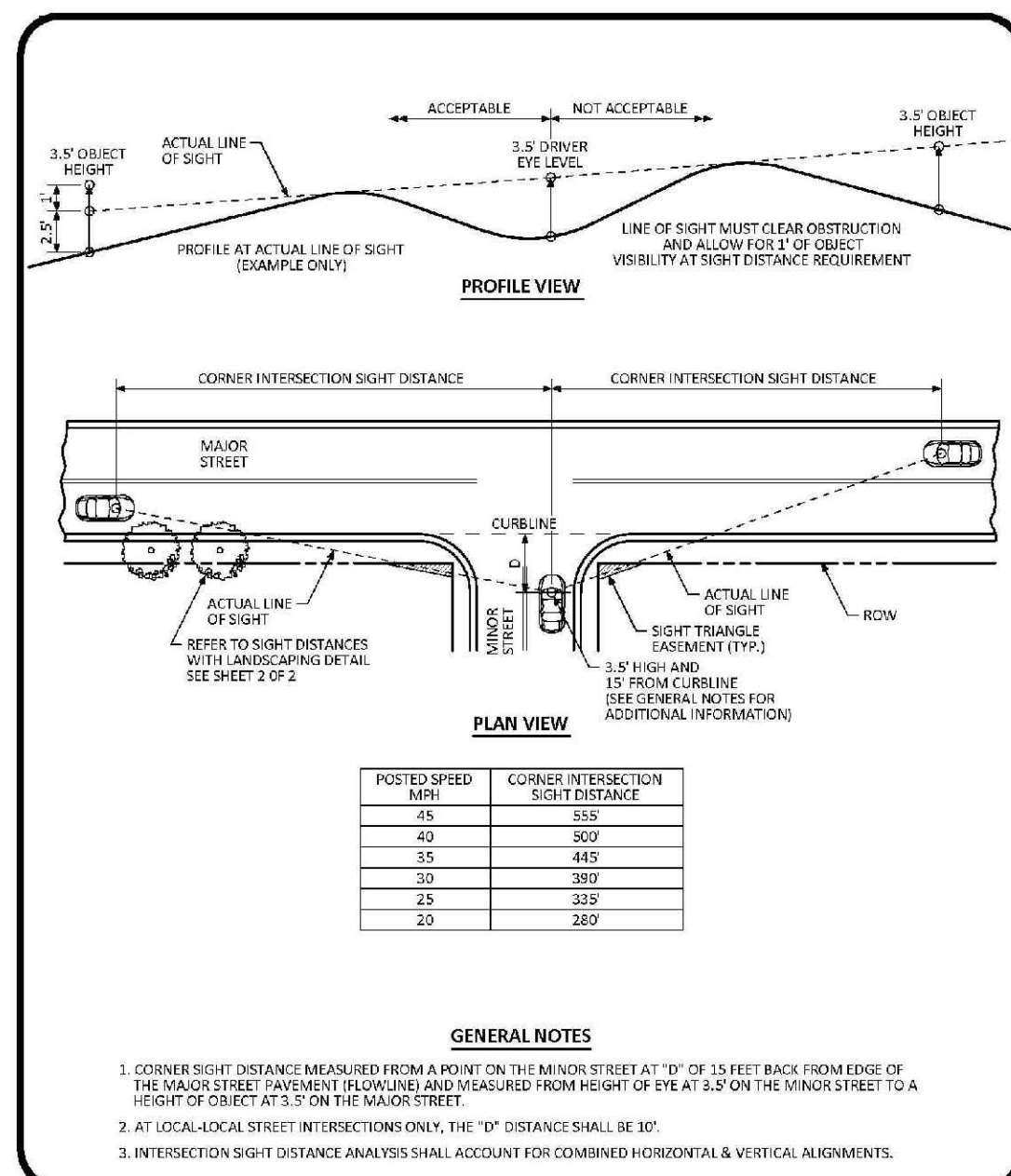
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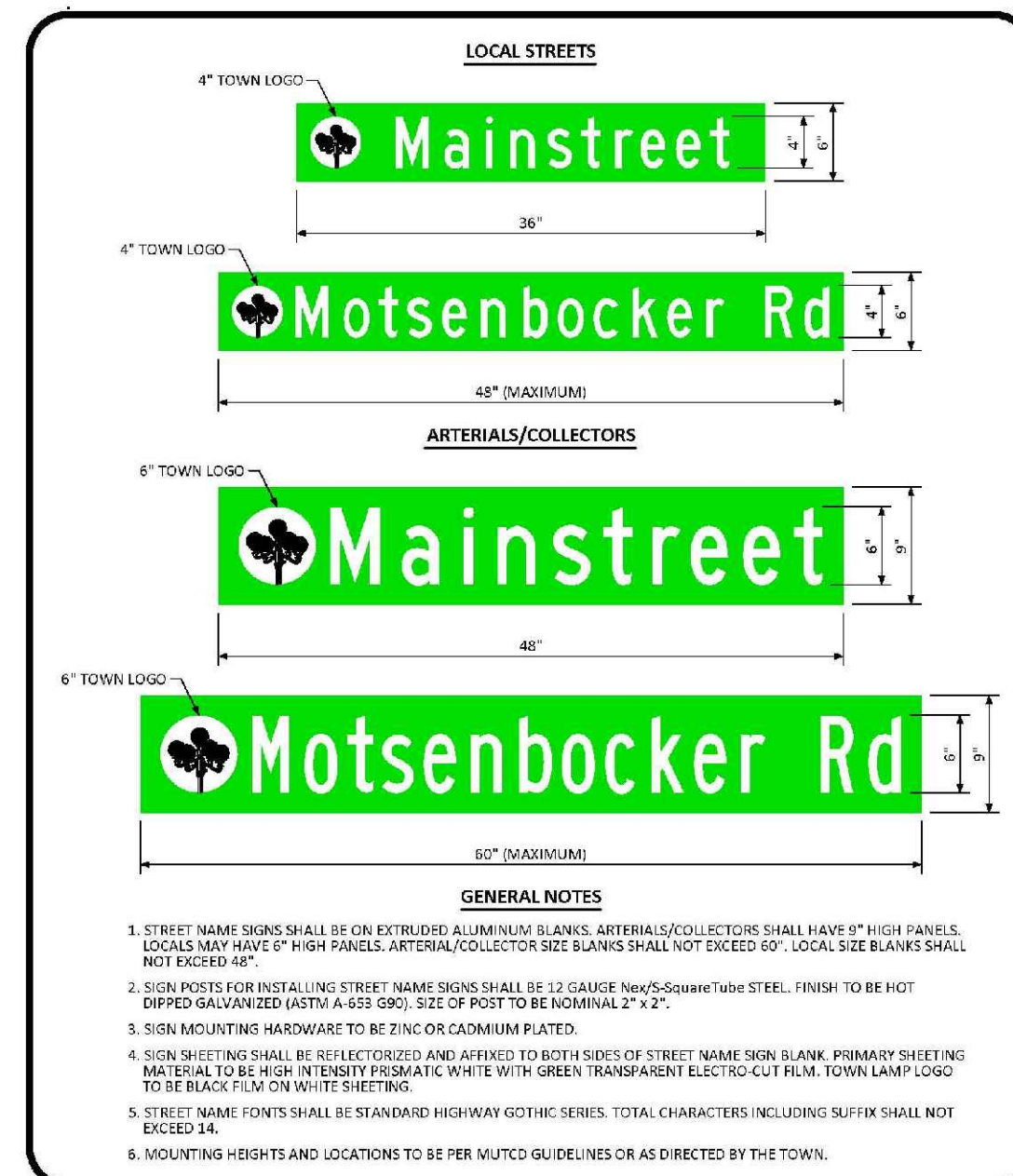
SHEET NUMBER 19	DRAWN BY: BPW	SCALE: AS SHOWN	TRAILS AT CROWFOOT FILING 14 CONSTRUCTION DRAWINGS ROADWAY DETAILS	 CVL CONSULTANTS	10333 E. Dry Creek Rd. Suite 240 Englewood, CO 80112 Tel: (720) 482-3546 Fax: (720) 482-3546						
	CHECKED BY: BPW	FILE NO: 8130283701									
	DATE: SEPTEMBER 2018										



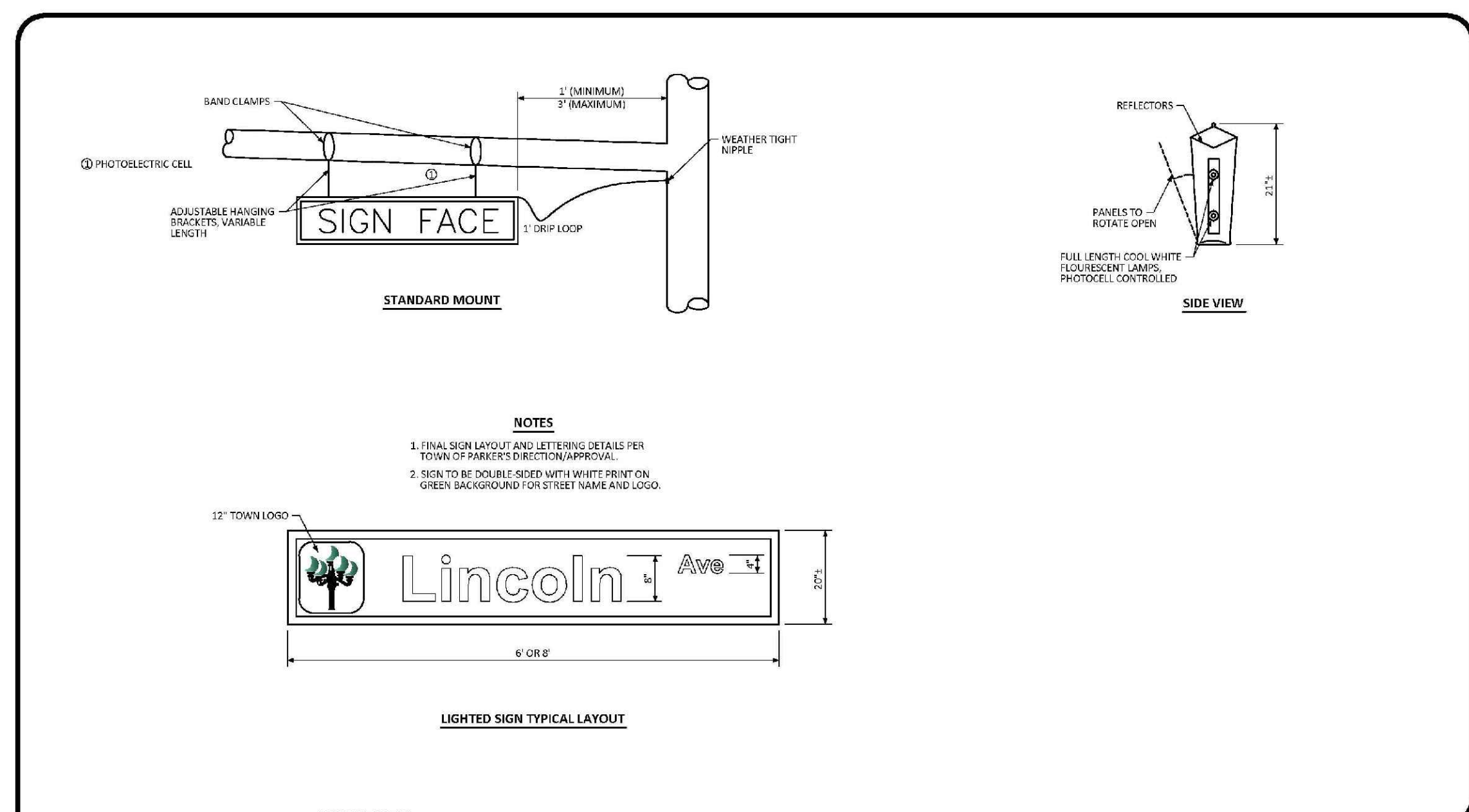
RESIDENTIAL DRIVEWAY WITH 6" VERTICAL CURB & GUTTER LAYOUT STANDARD DETAIL	DATE AUGUST 2014	DETAIL 23
		1 OF 1



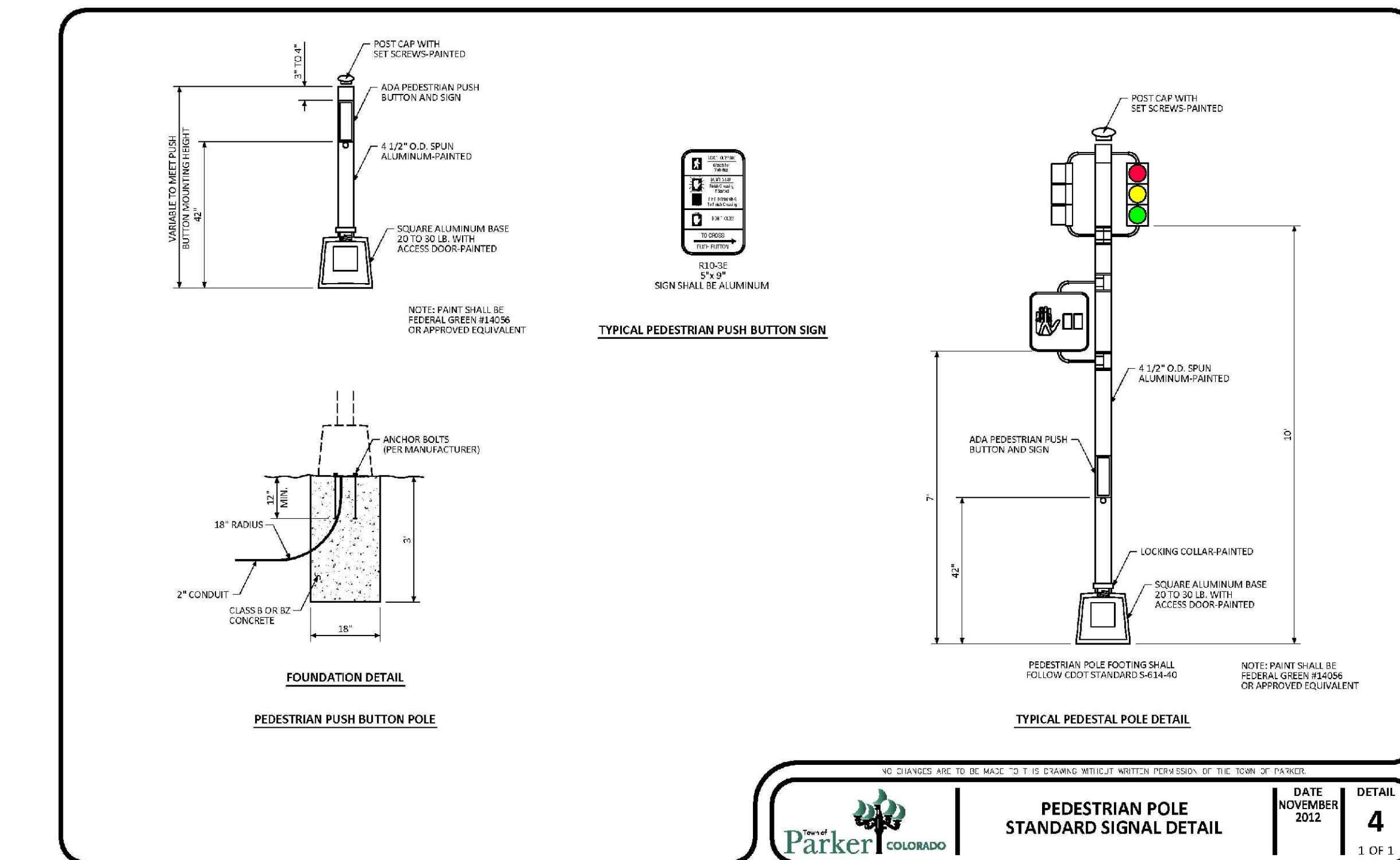
INTERSECTION SIGHT DISTANCE REQUIREMENTS STANDARD DETAIL	DATE AUGUST 2014	DETAIL 25
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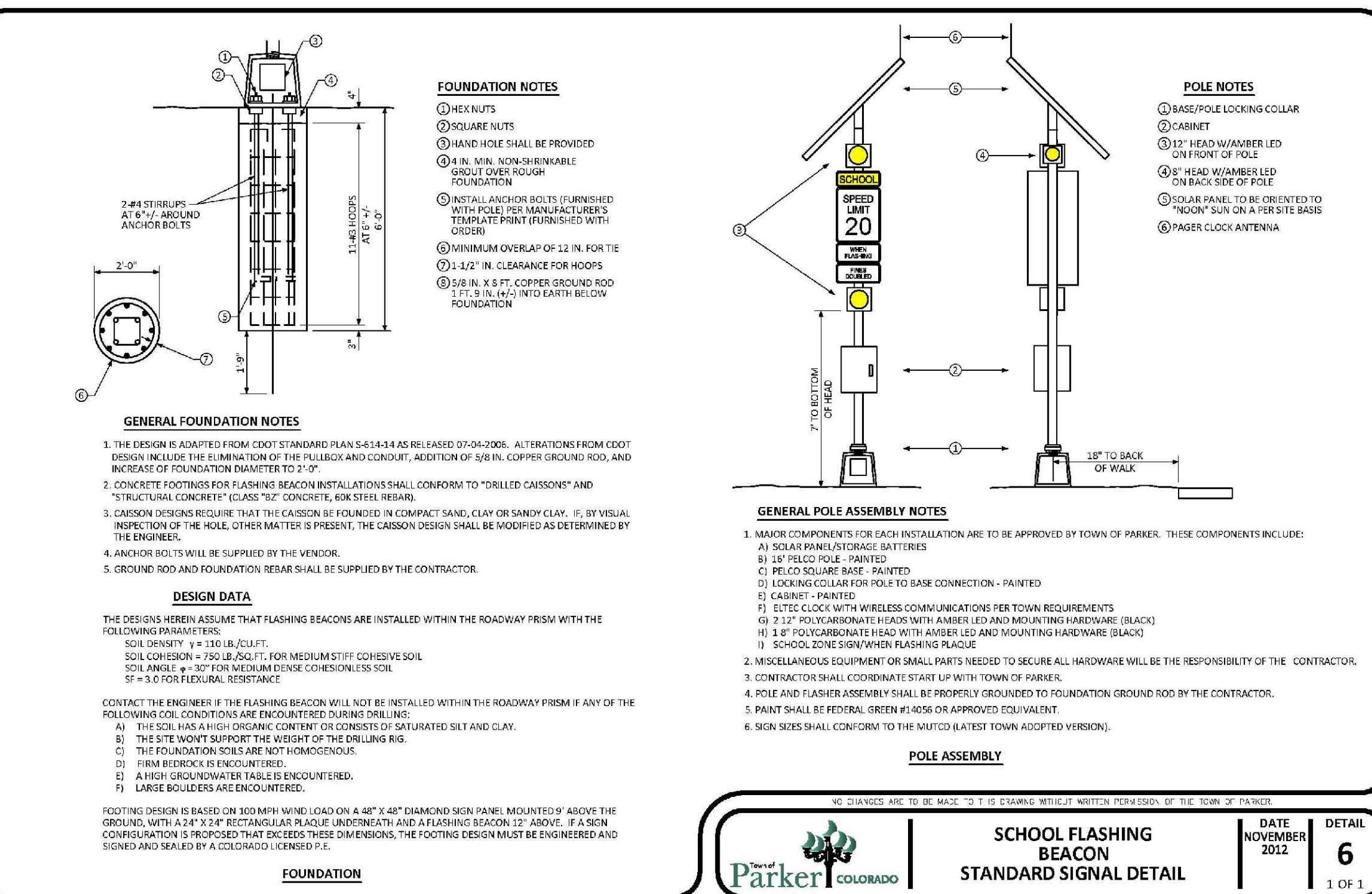
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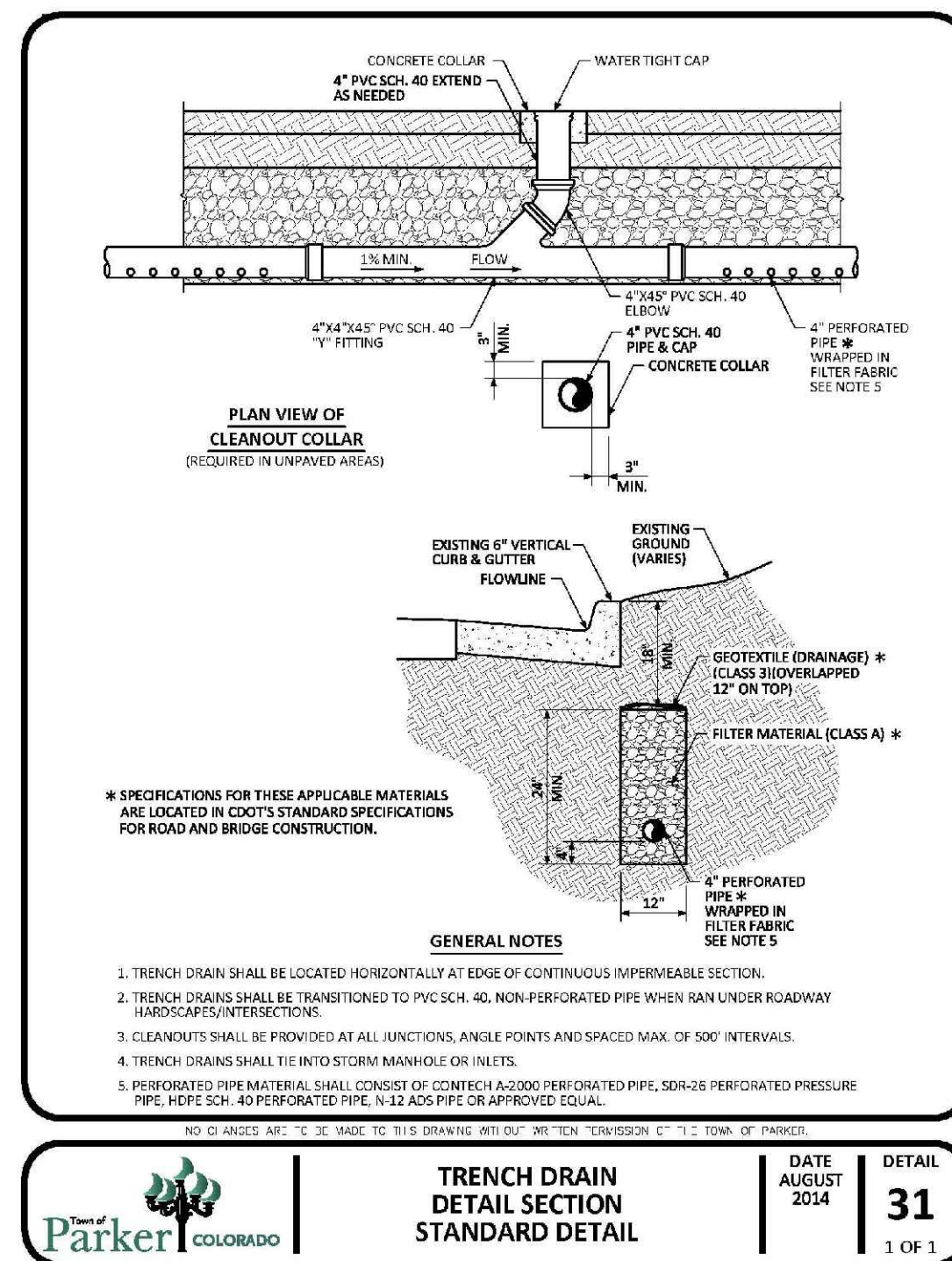
ILLUMINATED STREET NAME SIGN STANDARD SIGNAL DETAIL	DATE NOVEMBER 2012	DETAIL 3
		1 OF 1



PEDESTRIAN POLE STANDARD SIGNAL DETAIL	DATE NOVEMBER 2012	DETAIL 4
		1 OF 1



SCHOOL FLASHING BEACON STANDARD SIGNAL DETAIL	DATE NOVEMBER 2012	DETAIL 6
		1 OF 1

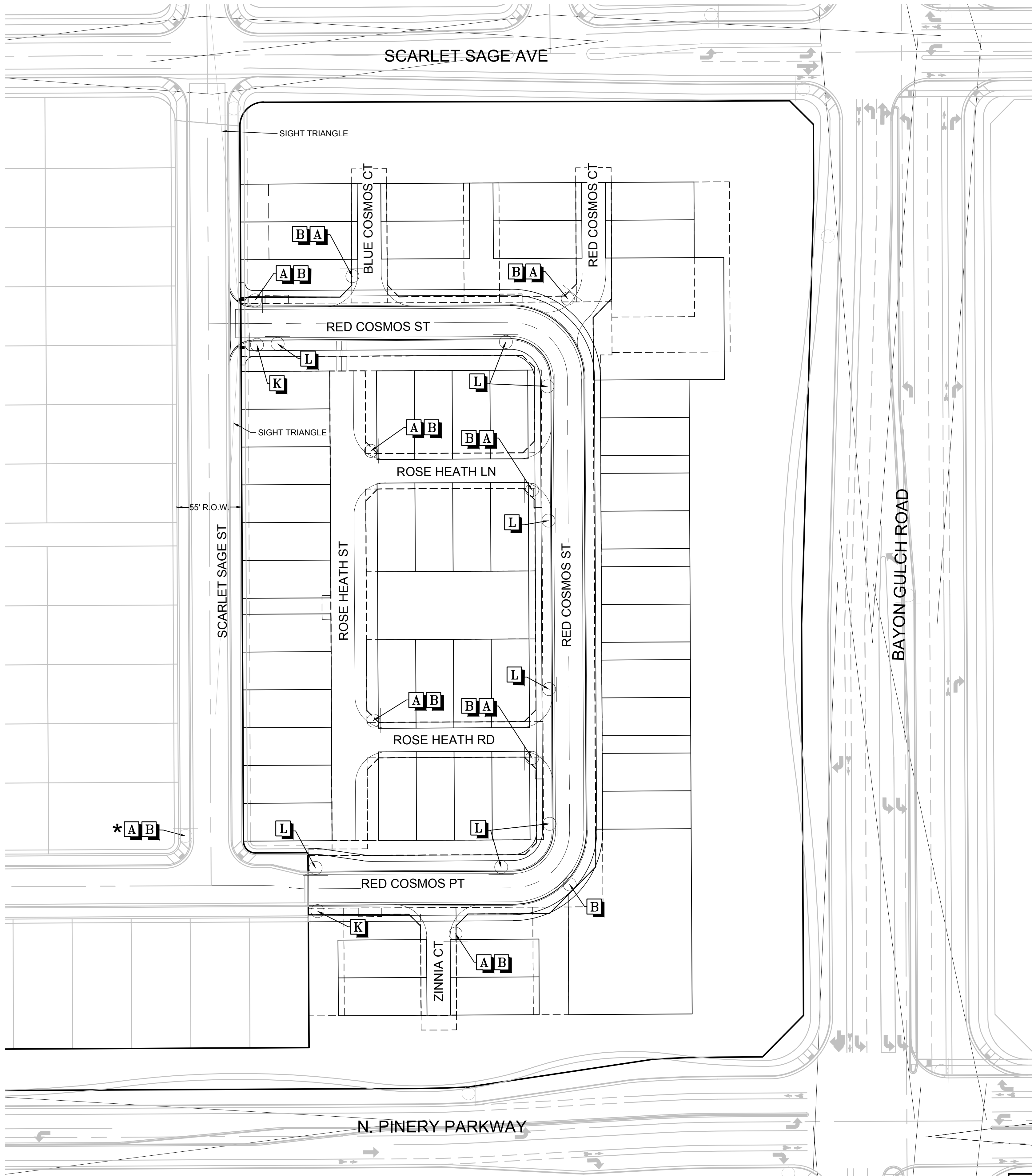


TRENCH DRAIN DETAIL SECTION STANDARD DETAIL	DATE AUGUST 2014	DETAIL 31
		1 OF 1

N:\PROJECTS\HSS RANCH\CAD\ENGINEERING\SHEET SETS\MULTIFAMILY\CD\SF4\TOWN OF PARKER\SIGNAGE AND STRIPING.DWG, BRIANW, 10/29/2018 1:22 PM



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BENCHMARK
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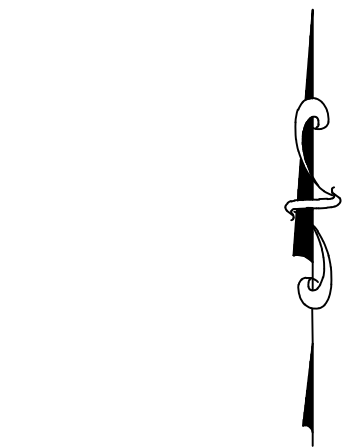
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TOWN OF PARKER, DIRECTOR OF ENGINEERING DATE



KEYMAP
N.T.S.



50 25 0 50 100
SCALE: 1" = 50'

LEGEND

- A** STOP SIGN R1-1
- B** STREET NAME SIGN D3
- C** DEAD END SIGN W14-1
- D** SPEED LIMIT SIGN R2-1
- E** BIKE LANE SIGN R3-17
- F** AHEAD SIGN R3-17A
- G** ENDS SIGN R3-17B
- H** YIELD SIGN R1-2
- I** PEDESTRIAN TRAFFIC SIGN W11-2
- J** SCHOOL CROSSING SIGN S1-1
- K** PRIVATE ROAD NO TOWN MAINTENANCE
- L** NO PARKING R8-3A
- *** TO BE INSTALLED WITH OTHER FILINGS

SHEET NUMBER

22

DRAWN BY: BPW

CHECKED BY: AS SHOWN

SCALE:

AS SHOWN

TRAILS AT CROWFOOT
FILING 14 CONSTRUCTION DRAWINGS
SIGNAGE AND STRIPING

HR 935 LLC
7353 South Allon Way
CENTENNIAL, CO 80112



10333 E. Dry Creek Rd.
Suite 240
Englewood, CO 80112
Tel: (720) 482-9526
Fax: (720) 482-9546

No. Revisions

Date Init. Appr. Date