



Your kind of place.

TO: Brian Wilson, CVL Consultants of Colorado, Inc.

FROM: Stacey Nerger, Associate Planner

DATE: January 26, 2018

SUBJECT: Trails at Crowfoot Filing No. 3 – Final Plat
[Application SUB17-041]

The following are the comments regarding your application. All comments must be responded to, and if you disagree with a comment please indicate the reasoning of your disagreement. Please sign and return this memo with your next submittal. A follow-up meeting with the reviewing agencies can be scheduled to provide additional guidance.

TOWN OF PARKER PLANNING DEPARTMENT:
ATTN: STACEY NERGER
E-MAIL: snerger@parkeronline.org
FAX: 303-841-3223
PHONE: 303-805-3199

TRAILS AT CROWFOOT FILING NO. 3

Final Plat:

1. Please refer to the attached “redline” comments within the Final Plat for staff’s requested changes.

Complied: Yes No

Response:

Landscaping Plan:

2. Please refer to the attached “redline” comments within the Landscape Plan for staff’s requested changes.

Complied: Yes No

Response:



Your kind of place.

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3. Please include detailed sheets for all landscaped areas within the Filing. This includes the streetscape areas. The trees and groundcover will need to be identified..

Complied: Yes No

Response:

4. All streetscape areas adjacent to HOA tracts (parks/open space) will be the responsibility of the HOA to maintain.

Complied: Yes No

Response:

General:

5. Please see the address plat redlines. There was one address that was incorrect that needs to be fixed.

Complied: Yes No

Response:

6. Please see the Landscape Cost Estimate redlines for additional requirements to be added.

Complied: Yes No

Response:



Your kind of place.

- 7. Attached to this memo is the standard Subdivision Agreement Form with the Letter of Credit. Please review this agreement and let us know if you have any questions.

Complied: Yes No

Response:

- 8. Attached to this memo are the additional conditions that will be added to the Subdivision Agreement that will be required to be satisfied. Please review these conditions and let us know if you have any questions.

Complied: Yes No

Response:

OUTSIDE REFERRAL AGENCY COMMENTS

- 9. Please address all outside referral agency comments with a written response. Copies of these comments can be found within the case file in TRAKiT.

Complied: Yes No

Response:

Property Owner

Date

Project Representative

Date

TRAILS AT CROWFOOT SUBDIVISION FILING NO. 3

A REPLAT OF TRACT 0 OF TRAILS AT CROWFOOT FILING NO. 1
 A PART OF SECTION 9, TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE 6th PRINCIPAL MERIDIAN,
 TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO
 SHEET 1 OF 5

TOTAL ACREAGE = 21.400 ACRES, 98 LOTS, 2 TRACTS

DEDICATION STATEMENT:

THE UNDERSIGNED, BEING ALL THE OWNERS, MORTGAGEES, BENEFICIARIES OF DEEDS OF TRUST AND HOLDERS OF OTHER INTERESTS IN THE LANDS DESCRIBED HEREIN, HAVE LAID OUT, SUBDIVIDED AND PLATTED SAID LANDS INTO LOTS, TRACTS, BLOCKS, STREETS AND EASEMENTS AS SHOWN HEREON UNDER THE NAME AND SUBDIVISION OF THE TRAILS AT CROWFOOT FILING NO. 3. THE UTILITY EASEMENTS AS SHOWN HEREON ARE HEREBY DEDICATED FOR PUBLIC UTILITIES AND CABLE COMMUNICATION SYSTEMS AND OTHER PURPOSES AS SHOWN HEREON. THE ENTITIES ARE RESPONSIBLE FOR PROVIDING THE UTILITY SERVICES FOR WHICH THE EASEMENT ARE ESTABLISHED ARE HEREBY GRANTED THE PERPETUAL RIGHT OF INGRESS AND EGRESS FROM AND TO ADJACENT PROPERTIES FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF UTILITY LINES AND RELATED FACILITIES. THE OWNERS OF THE LANDS DESCRIBED HEREIN ARE RESPONSIBLE FOR THE MAINTENANCE AND OPERATION OF DRAINAGE EASEMENTS SHOWN HEREON AND RELATED FACILITIES, AS PROVIDED IN THE STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL, AS AMENDED. THE UNDERSIGNED GRANTS THE TOWN OF PARKER A PERPETUAL RIGHT OF INGRESS AND EGRESS FROM AND TO ADJACENT PROPERTY TO MAINTAIN, OPERATE AND RECONSTRUCT THE DRAINAGE EASEMENTS AND RELATED FACILITIES COVERED BY CHAPTER 4.08 OF THE PARKER MUNICIPAL CODE, AS AMENDED; AND TO MAINTAIN, OPERATE AND RECONSTRUCT THE DRAINAGE EASEMENTS AND RELATED FACILITIES NOT COVERED BY CHAPTER 4.08 OF THE PARKER MUNICIPAL CODE AS AMENDED, WHEN THE OWNER(S) FAIL TO ADEQUATELY MAINTAIN SUCH DRAINAGE EASEMENTS AND RELATED FACILITIES, WHICH MAINTENANCE, OPERATION AND RECONSTRUCTION SHALL BE AT THE COST OF THE OWNER(S). ALL PUBLIC STREETS AND RIGHTS-OF-WAY SHOWN HEREON ARE DEDICATED AND CONVEYED TO THE TOWN OF PARKER, COLORADO, IN FEE SIMPLE ABSOLUTE, FOR PUBLIC USES AND PURPOSES. DRAINAGE AND DETENTION EASEMENT AS SHOWN HEREON ARE HEREBY DEDICATED TO THE TOWN OF PARKER. THE TOWN IS HEREBY GRANTED THE PERPETUAL RIGHT OF INGRESS AND EGRESS FROM AND TO THE ADJACENT PROPERTIES FOR CONSTRUCTION, REPAIR, MAINTENANCE, OPERATION AND REPLACEMENT OF STORM SEWERS AND DRAINAGE FACILITIES. THE UNDERSIGNED GRANTS TO THE TOWN A SIGHT EASEMENT(S) AS SHOWN HEREON WITHIN THE SUBDIVISION TO MAINTAIN ADEQUATE SIGHT DISTANCE AT ALL ROADWAY INTERSECTIONS AS PROVIDED AS BY THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AS AMENDED. THE TOWN IS HEREBY GRANTED THE PERPETUAL RIGHT OF INGRESS AND EGRESS ACROSS ALL LOTS AND TRACTS WITHIN THE SUBDIVISION TO REMOVE ANY OBSTRUCTION TO THE PROPER SITE DISTANCE, INCLUDING, BUT NOT LIMITED TO, ANY STRUCTURE, FENCE, UTILITY BOX, RAISED MEDIAN AND LANDSCAPING, AT THE SOLE COST AND EXPENSE OF THE OWNER OF THE LOT AND/OR TRACT UPON WHICH SUCH OBSTRUCTION IS SITUATED. THE OWNERS OR ADJACENT PROPERTY OWNERS OF THE LANDS ARE RESPONSIBLE FOR THE MAINTENANCE AND OPERATION OF SIGHT EASEMENTS SHOWN HEREON. WHEN THE OWNER(S) OR ADJACENT OWNERS FAIL TO ADEQUATELY MAINTAIN SUCH SIGHT EASEMENTS, THE MAINTENANCE, OPERATION AND RECONSTRUCTION SHALL BE AT THE COST OF THE OWNER(S). THE UNDERSIGNED HEREBY DEDICATES SIDEWALK EASEMENTS AS SHOWN FOR PUBLIC SIDEWALK PURPOSES. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL SIDEWALK ADJACENT TO THE PROPERTY IN GOOD CONDITION AND FREE FROM ANY HAZARD. THE UNDERSIGNED GRANTS THE TOWN THE PERPETUAL RIGHTS OF INGRESS AND EGRESS UPON THE PROPERTY FOR THE OPERATION, MAINTENANCE, AND RECONSTRUCTION OF THE PUBLIC SIDEWALK WHEN THE OWNERS FAIL TO MAINTAIN SUCH PUBLIC SIDEWALK, WHICH MAINTENANCE, OPERATION AND RECONSTRUCTION SHALL BE AT THE COST OF THE OWNER(S). THE TOWN SHALL ALSO HAVE THE RIGHT TO REMOVE AN OBSTRUCTION THAT WOULD ADVERSELY AFFECT THE OPERATION AND MAINTENANCE OF THE SIDEWALK, AS DETERMINED BY THE TOWN.

ACKNOWLEDGEMENT

THE UNDERSIGNED, BEING ALL THE OWNERS, MORTGAGEES, BENEFICIARIES OF DEEDS OF TRUST AND HOLDERS OF OTHER INTERESTS OF THE LANDS DESCRIBED HEREIN, HEREBY ACKNOWLEDGE THAT ANY SUBDIVISION APPROVAL OBTAINED BY THE TOWN OF PARKER DOES NOT OBIVATE SAID UNDERSIGNED'S NEED OR RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT OF 1973, 16 U.S.C. 1 531, ET SEQ., AS AMENDED OR WITH ANY OTHER APPLICABLE FEDERAL, STATE OR LOCAL LAWS OR REGULATIONS.

OWNER (AS TO PARCEL 1)

HR935, LLC, A COLORADO LIMITED LIABILITY COMPANY

SIGNATURE _____

BY: _____

AS _____ OF HR935, LLC, A COLORADO LIMITED LIABILITY COMPANY

SUBSCRIBED AND SWORN BEFORE ME THIS _____ DAY OF _____, 20____, BY _____ AS _____ OF HR935, LLC, A COLORADO LIMITED LIABILITY COMPANY.

WITNESS MY HAND AND OFFICIAL SEAL

MY COMMISSION EXPIRES _____ NOTARY PUBLIC _____

DEED OF TRUST HOLDER (AS TO PARCEL 1)

TREZ CAPITAL (2015) CORPORATION, A BRITISH COLUMBIA CORPORATION

SIGNATURE _____

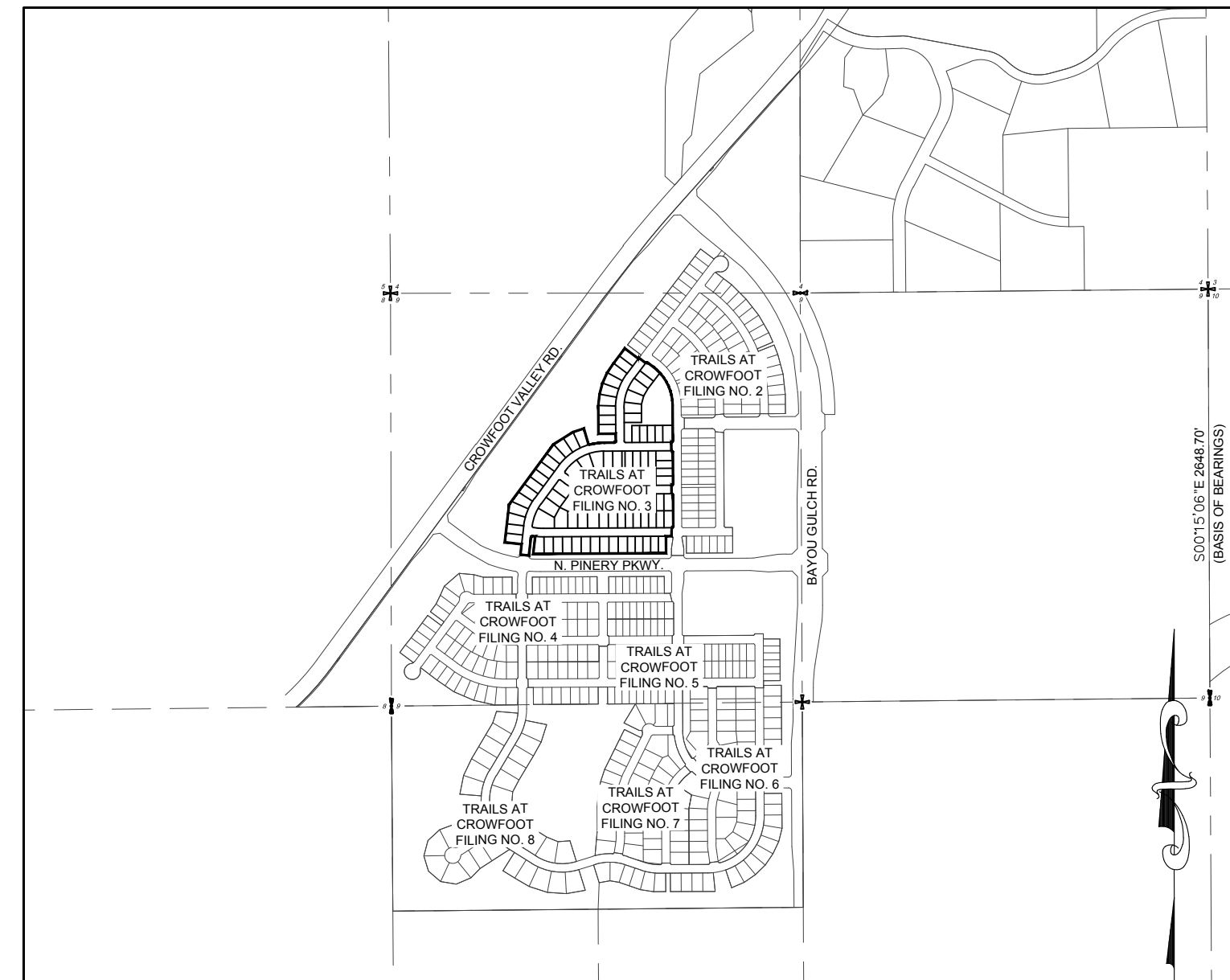
BY: _____

AS _____ OF TREZ CAPITAL (2015) CORPORATION, A BRITISH COLUMBIA CORPORATION

SUBSCRIBED AND SWORN BEFORE ME THIS _____ DAY OF _____, 20____, BY _____ AS _____ OF TREZ CAPITAL (2015) CORPORATION, A BRITISH COLUMBIA CORPORATION.

WITNESS MY HAND AND OFFICIAL SEAL

MY COMMISSION EXPIRES _____ NOTARY PUBLIC _____



VICINITY MAP
 SCALE: 1" = 1000'

LEGAL DESCRIPTION: (PARCEL 1)

A PARCEL OF LAND BEING A PART OF SECTION 9, TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TRACT 0, TRAILS AT CROWFOOT SUBDIVISION FILING NO. 1 AS RECORDED AT RECEPTION NO. _____ TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO.

PLANNING COMMISSION STATEMENT:

THE PRELIMINARY PLAN FOR THIS PLAT WAS REVIEWED BY THE PLANNING COMMISSION ON _____ OCTOBER 12 _____, 2017.

PLANNING DIRECTOR, ON BEHALF OF THE PLANNING COMMISSION _____ DATE _____

CLERK AND RECORDER'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS PLAT WAS FILED IN THE OFFICE OF THE COUNTY CLERK AND RECORDER OF DOUGLAS COUNTY, COLORADO

ON THIS _____ DAY OF _____, 20____, AT _____ O'CLOCK _____ M. AT

RECEPTION NUMBER _____

 COUNTY CLERK AND RECORDER

Please consider addition additional signature blocks to this page from page 2 to help consolidate the location of these.

ENGINEER/SURVEYOR

CVL Consultants
 of Colorado, Inc.
 10333 E. Dry Creek Rd., Suite 240
 Englewood, CO 80112
 Tel: (720) 482-9526 / Fax: (720) 482-9546

TRAILS AT CROWFOOT SUBDIVISION FILING NO. 3

A REPLAT OF TRACT 0 OF TRAILS AT CROWFOOT FILING NO. 1
 A PART OF SECTION 9, TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE 6th PRINCIPAL MERIDIAN,
 TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO
 SHEET 2 OF 5

TOTAL ACREAGE = 21.400 ACRES, 98 LOTS, 2 TRACTS

Tract A should be listed as a Park, since this park is used to satisfy the minimum park requirements for the subdivision.

NOTES:

- NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE (3) YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN (10) YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.
- ANY PERSON WHO KNOWINGLY REMOVES, ALTERS OR DEFACTS ANY PUBLIC LAND SURVEY MONUMENT OR ACCESSORY COMMITS A CLASS TWO (2) MISDEMEANOR PURSUANT TO STATE STATUTE 18-4-508, C.R.S.
- THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY CVL CONSULTANTS OF COLORADO, INC. TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD. FOR ALL INFORMATION REGARDING EASEMENTS, RIGHTS-OF-WAY AND TITLE OF RECORD, CVL CONSULTANTS OF COLORADO, INC. RELIED UPON COMMITMENT FOR TITLE INSURANCE, COMMITMENT NO. 5514-2556675, AMENDMENT NO. 11 ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY AND HAVING AN EFFECTIVE DATE OF APRIL 21, 2016 AT 5:00 P.M.
- BASIS OF BEARINGS: 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 ASSUMED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.
- 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.
- WITHIN ALL SIGHT TRIANGLES, LIMITED LANDSCAPING SHALL BE ALLOWED BUT NOT SOLID STRUCTURES. SOLID STRUCTURES SHALL INCLUDE, BUT NOT BE LIMITED TO, FENCES AND UTILITY BOXES. LANDSCAPING WITHIN THE INTERSECTION SIGHT DISTANCE TRIANGLES WILL BE LIMITED TO SHRUBS AND PLANTING THAT AT MATURITY WILL BE NO TALLER THAN TWO (2) FEET. TREES PLANTED WITHIN THE SIGHT DISTANCE TRIANGLE WILL NOT BE ALLOWED. LANDSCAPING WITHIN THE SIGHT DISTANCE TRIANGLE AREA SHALL BE MAINTAINED BY THE PROPERTY OWNER OR APPROPRIATE ASSOCIATION.
- THOSE PORTIONS OF REAL PROPERTY WHICH ARE LABELED AS SIDEWALK & UTILITY EASEMENTS AND AS UTILITY EASEMENTS ON THIS PLAT ARE FOR THE INSTALLATION AND MAINTENANCE OF UTILITIES, INCLUDED, BUT NOT LIMITED TO, ELECTRIC LINES, GAS LINES, TELEPHONE LINES, TOGETHER WITH WITH A PERPETUAL RIGHT OF INGRESS AND EGRESS FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF SUCH LINES; SAID EASEMENTS AND RIGHT ARE TO BE UTILIZED IN A RESPONSIBLE AND PRUDENT MANNER.
 - AS SHOWN TEN-FOOT (10') WIDE DRY UTILITY EASEMENTS ARE HEREBY DEDICATED ON PRIVATE PROPERTY ABUTTING ALL PUBLIC STREETS, AND AROUND THE PERIMETER OF EACH COMMERCIAL/INDUSTRIAL LOT IN THE SUBDIVISION OR PLATTED AREA.
 - AS SHOWN ALLEY-TYPE LOTS, SIX-FOOT (6') WIDE DRY UTILITY EASEMENTS WITHIN THE LOTS FOR NATURAL GAS FACILITIES INCLUDING SPACE FOR SERVICE TRUCKS TO DRIVE ARE REQUIRED. IF GAS AND ELECTRIC ARE WITHIN THE SAME TRENCH, A TEN (10') WIDE DRY UTILITY EASEMENT IS REQUIRED, NOT TO OVERLAP ANY WET UTILITY EASEMENT.
- THE LINEAL UNIT USED IN THE PREPARATION OF THIS PLAT IS THE U.S. SURVEY FOOT AS DEFINED BY THE UNITED STATES DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.
- THERE ARE A TOTAL OF 98 LOTS AND 2 TRACTS IN THE TRAILS AT CROWFOOT SUBDIVISION FILING NO. 3.

Please add an additional note which states the following:
 All landscaping located within the tree lawn adjacent to any HOA (park/open space) tracts shall be the responsibility of the HOA.

TITLE VERIFICATION:

WE, FIRST AMERICAN TITLE INSURANCE COMPANY, A QUALIFIED TITLE INSURANCE COMPANY, DO HEREBY CERTIFY THAT WE HAVE EXAMINED THE TITLE OF ALL LAND PLATTED HEREON AND THAT TITLE TO SUCH LAND IS IN THE DEDICATOR(S) FREE AND CLEAR OF ALL LIENS, TAXES AND ENCUMBRANCES.

SIGNATURE _____

BY: _____

AS: _____ OF FIRST AMERICAN TITLE INSURANCE COMPANY

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 20____, BY _____

AS _____ OF FIRST AMERICAN TITLE INSURANCE COMPANY.

WITNESS MY HAND AND OFFICIAL SEAL

MY COMMISSION EXPIRES _____ NOTARY PUBLIC _____

SURVEYOR'S CERTIFICATION:

I, WILLIAM F. HESSELBACH, JR., A PROFESSIONAL LAND SURVEYOR LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE SURVEY OF TRAILS AT CROWFOOT FILING NO. 3 WAS MADE BY ME OR DIRECTLY UNDER MY SUPERVISION ON OR ABOUT THE _____ DAY OF _____, 20____ AND THAT THE SURVEY IS BASED UPON MY KNOWLEDGE, INFORMATION AND BELIEF THAT ALL MONUMENTS EXIST AS SHOWN HEREON; IT HAS BEEN PREPARED IN ACCORDANCE WITH APPLICABLE STANDARDS OF PRACTICE, THAT MATHEMATICAL CLOSURE ERRORS ARE LESS THAN 1:50,000 (SECOND ORDER); AND THAT SAID PLAT HAS BEEN PREPARED IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS OF THE STATE OF COLORADO DEALING WITH MONUMENTS, SUBDIVISIONS OR SURVEYING OF LAND AND ALL PROVISIONS, WITHIN MY CONTROL, OF THE TOWN SUBDIVISION REGULATIONS. THIS SURVEY IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED, AND THE ACCOMPANYING PLAT ACCURATELY AND PROPERLY SHOWS SAID MINOR DEVELOPMENT PLAT AND THE SURVEY THEREOF.

I ATTEST THE ABOVE ON THIS _____ DAY OF _____, 20____.

WILLIAM F. HESSELBACH, JR., PLS NO. 25369
 FOR AND ON BEHALF OF CVL CONSULTANTS OF COLORADO, INC.
 10333 E. DRY CREEK ROAD, SUITE 240
 ENGLEWOOD, CO 80112
 (720)-249-3542

APPROVAL OF TOWN COUNCIL:

THIS PLAT WAS APPROVED BY TOWN COUNCIL AND/OR, WHERE APPLICABLE, THE PLANNING DIRECTOR AND DIRECTOR OF ENGINEERING OF THE TOWN OF PARKER, COLORADO, ON THE _____ DAY OF _____, 20____, FOR FILING. THE DEDICATIONS ARE HEREBY ACCEPTED.

ALL EXPENSES INCURRED WITH RESPECT TO IMPROVEMENTS FOR ALL UTILITY SERVICES, PAVING, GRADING, CURBS, GUTTER, SIDEWALKS, ROAD LIGHTING, ROAD SIGNS, FLOOD PROTECTION DEVICES, DRAINAGE STRUCTURES, AND ALL OTHER IMPROVEMENTS THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER AND NOT THE TOWN OF PARKER. THE TOWN SHALL ONLY ACCEPT MAINTENANCE OF THE ROADWAY IMPROVEMENTS AFTER CONSTRUCTION HAS BEEN COMPLETED, AND AFTER THE WARRANTY PERIOD, IN ACCORDANCE WITH TOWN REGULATIONS.

THIS ACCEPTANCE DOES NOT GUARANTEE THAT THE SOIL CONDITIONS, SUBSURFACE GEOLOGY, GROUNDWATER CONDITIONS OR FLOODING CONDITIONS OF ANY LOT SHOWN HEREON ARE SUCH THAT A BUILDING PERMIT WILL BE ISSUED.

PLANNING DIRECTOR, TOWN OF PARKER _____

DIRECTOR OF ENGINEERING, TOWN OF PARKER _____

TRACT SUMMARY TABLE

TRACT	SQ. FT.	AREA	USE	OWNERSHIP	MAINTENANCE
A	60,913 S.F.	1.398 AC	OPEN SPACE / UTILITIES	METRO DIST	METRO DIST
B	4,466 S.F.	0.103 AC	OPEN SPACE / UTILITIES	METRO DIST	METRO DIST

LAND USE SUMMARY CHART

TYPE	SQ. FT.	AREA	% OF TOTAL AREA
SINGLE FAMILY RESIDENTIAL LOTS	669,061 S.F.	15.360 AC.	71.78%
OPEN SPACE AREAS	65,379 S.F.	1.501 AC.	7.01%
ROAD RIGHTS OF WAY	197,738 S.F.	4.539 AC.	21.21%
TOTAL	932,178 S.F.	21.400 AC.	100%

Please add parks to this table.

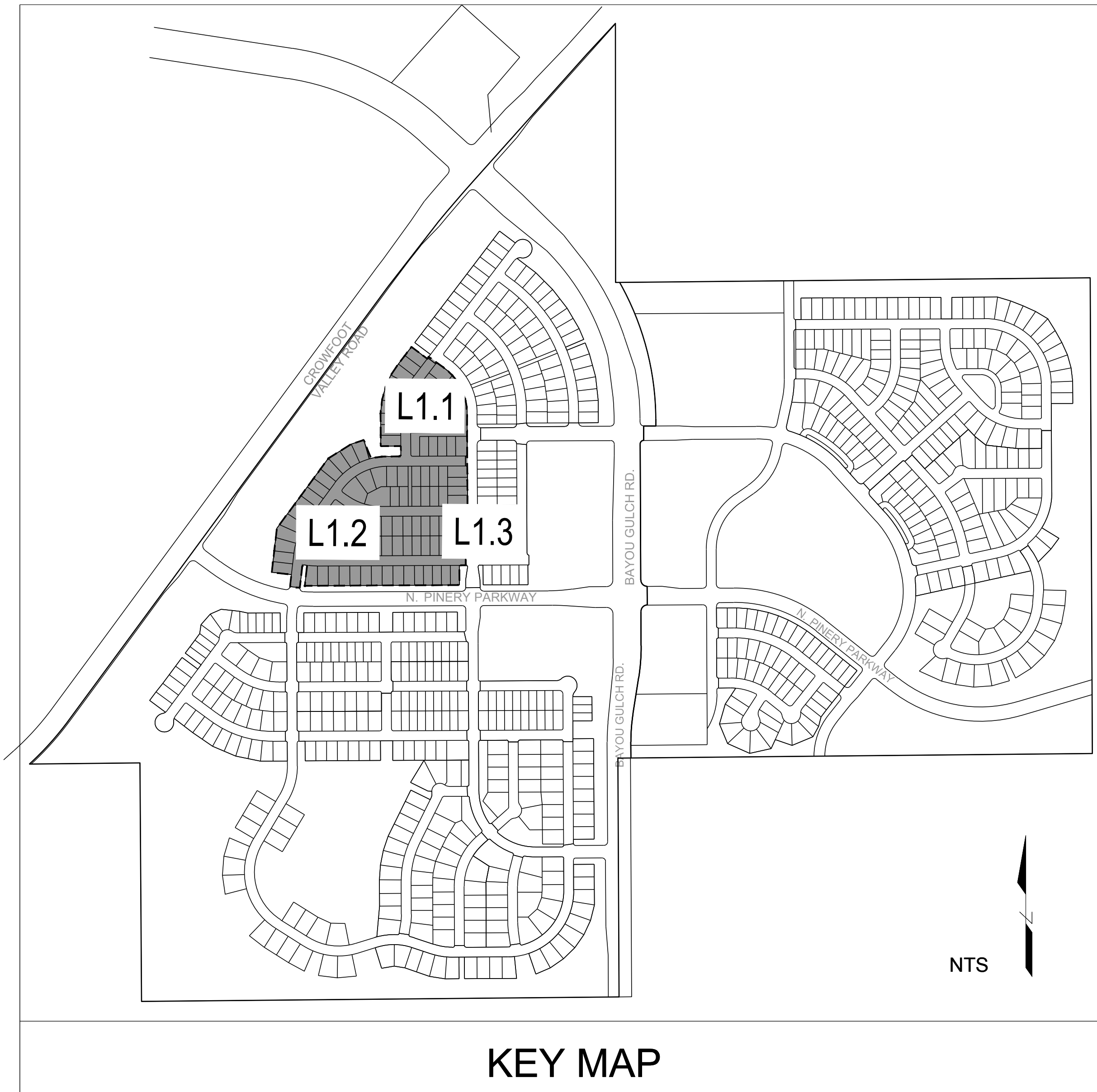
FILING 3 MIN, MAX, AND AVERAGE LOT SIZE

TYPE	SQ. FT.	AREA
MINIMUM LOT SIZE	5,500 S.F.	0.126 AC.
MAXIMUM LOT SIZE	13,594 S.F.	0.312 AC.
AVERAGE LOT SIZE	6,827 S.F.	0.157 AC.

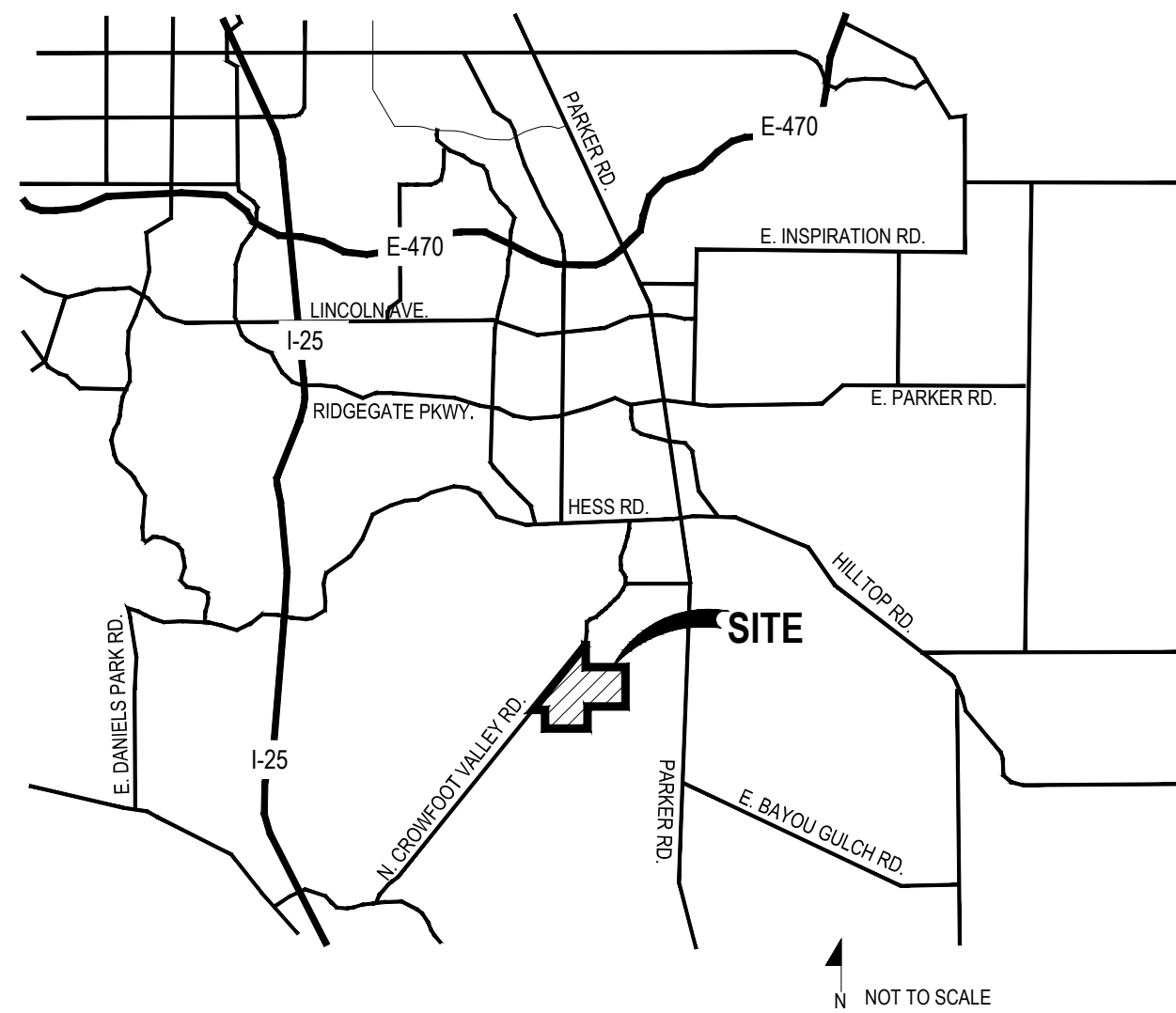
TRAILS AT CROWFOOT FILING 3

FINAL LANDSCAPE PLAN

SHEET KEY



VICINITY MAP



KEY MAP

GENERAL NOTES

- DRAWINGS ARE INTENDED TO BE PRINTED ON 24 X 36 PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE REFERENCING ANY MEASUREMENTS ON THESE SHEETS. THE RECIPIENT OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM INCORRECT PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
- VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- SUBMIT A CHANGE ORDER FOR APPROVAL FOR ANY CHANGES TO WORK SCOPE RESULTING FROM FIELD CONDITIONS OR DIRECTION BY OWNER'S REPRESENTATIVE WHICH REQUIRE ADDITIONAL COST TO THE OWNER PRIOR TO PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL PROVIDE A STAKED LAYOUT OF ALL SITE IMPROVEMENTS FOR INSPECTION BY THE OWNER'S REPRESENTATIVE AND MAKE MODIFICATIONS AS REQUIRED. ALL LAYOUT INFORMATION IS AVAILABLE IN DIGITAL FORMAT FOR USE BY THE CONTRACTOR.
- IF A GEOTECHNICAL SOILS REPORT IS NOT AVAILABLE AT THE TIME OF CONSTRUCTION, PCS GROUP, INC. RECOMMENDS A REPORT BE AUTHORIZED BY THE OWNER AND THAT ALL RECOMMENDATIONS OF THE REPORT ARE FOLLOWED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL USE THESE CONTRACT DOCUMENTS AS A BASIS FOR THE BID. IF THE OWNER ELECTS TO PROVIDE A GEOTECHNICAL REPORT, THE CONTRACTOR SHALL REVIEW THE REPORT AND SUBMIT AN APPROPRIATE CHANGE ORDER TO THE OWNER'S REPRESENTATIVE IF ADDITIONAL COSTS ARE REQUESTED.
- CONTRACTOR SHALL CONFIRM THAT SITE CONDITIONS ARE SIMILAR TO THE PLANS WITHIN TOLERANCES STATED IN THE CONTRACT DOCUMENTS, AND SATISFACTORY TO THE CONTRACTOR PRIOR TO START OF WORK. SHOULD SITE CONDITIONS BE DIFFERENT THAN REPRESENTED ON THE PLANS OR UNSATISFACTORY TO THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND FURTHER DIRECTION.
- CONTRACTOR IS RESPONSIBLE TO PAY FOR, AND OBTAIN, ANY REQUIRED APPLICATIONS, PERMITTING, LICENSES, INSPECTIONS AND METERS ASSOCIATED WITH WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO ANY VIOLATIONS OR NON-CONFORMANCE WITH THE PLANS, SPECIFICATIONS, CONTRACT DOCUMENTS, JURISDICTIONAL CODES AND REGULATORY AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY LOCATES PRIOR TO ANY EXCAVATION. NOTIFY OWNER'S REPRESENTATIVE IF EXISTING OR PROPOSED UTILITIES INTERFERE WITH THE ABILITY TO PERFORM WORK.
- UNLESS IDENTIFIED ON THE PLANS FOR DEMOLITION OR REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT OR EXISTING LANDSCAPE, ADJACENT OR EXISTING PAVING, OR ANY PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION, ESTABLISHMENT OR DURING THE SPECIFIED MAINTENANCE PERIOD. ALL DAMAGES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS AS DETERMINED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOGGING ANY DAMAGES PRIOR TO START OF CONSTRUCTION AND DURING THE CONTRACT PERIOD.
- ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE WORK AREA LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND THE OWNER'S REPRESENTATIVE IF THEIR WORK AND OPERATIONS AFFECT OR IMPACT THE PUBLIC RIGHTS-OF-WAY. OBTAIN APPROVAL PRIOR TO ANY WORK WHICH AFFECTS OR IMPACTS THE PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THIS REQUIREMENT DURING THE CONTRACT PERIOD.
- SIGHT TRIANGLES AND SIGHT LINES SHALL REMAIN UNOBSTRUCTED BY EQUIPMENT, CONSTRUCTION MATERIALS, PLANT MATERIAL OR ANY OTHER VISUAL OBSTACLE DURING THE CONTRACT PERIOD AND AT MATURITY OF PLANTS PER LOCAL JURISDICTIONAL REQUIREMENTS. NO PLANT MATERIAL OTHER THAN GROUND COVER IS ALLOWED TO BE PLANTED ADJACENT TO FIRE HYDRANTS AS STIPULATED BY JURISDICTIONAL REQUIREMENTS.
- COORDINATE SITE ACCESS, STAGING, STORAGE AND CLEAN OUT AREAS WITH OWNER'S REPRESENTATIVE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SAFETY FENCING AND BARRIERS AROUND ALL IMPROVEMENTS SUCH AS WALLS, PLAY STRUCTURES, EXCAVATIONS, ETC. ASSOCIATED WITH THEIR WORK UNTIL SUCH FACILITIES ARE COMPLETELY INSTALLED PER THE PLANS, SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THEIR MATERIAL STOCKPILES CONCRETE IN THE STORM SEWER IS PROHIBITED.
- THE CONTRACTOR SHALL KNOW, UNDERSTAND AND ABIDE BY ANY STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ASSOCIATED WITH THE SITE. IF A STORM WATER POLLUTION PREVENTION PLAN IS NOT PROVIDED BY THE OWNER'S REPRESENTATIVE, REQUEST A COPY BEFORE PERFORMANCE OF ANY SITE WORK.
- CONTRACTOR SHALL MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY NEW STORM WATER MANAGEMENT FACILITIES THAT ARE IDENTIFIED IN THE SCOPE OF WORK TO FULL FUNCTIONALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER FOR FAILURE TO MAINTAIN STORM WATER MANAGEMENT FACILITIES DURING THE CONTRACT PERIOD.
- THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM EXITING THE SITE OR ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION OR CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT ANY IMPACTS TO ADJACENT WATERWAYS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS RESULTING FROM WORK DONE AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
- THE CONTRACTOR AND OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CONSTRUCTION MATERIAL IMPORTED TO OR EXPORTED FROM THE PROJECT SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF MATERIAL DURING TRANSPORT. TRANSPORTATION METHODS ON PUBLIC RIGHT-OF-WAYS SHALL CONFORM TO JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
- THE CLEANING OF EQUIPMENT IS PROHIBITED AT THE JOB SITE UNLESS AUTHORIZED BY THE OWNER'S REPRESENTATIVE IN A DESIGNATED AREA. THE DISCHARGE OF WATER, WASTE CONCRETE, POLLUTANTS, OR OTHER MATERIALS SHALL ONLY OCCUR IN AREAS DESIGNED FOR SUCH USE AND APPROVED BY THE OWNER'S REPRESENTATIVE.

SYMBOLS & ABBREVIATIONS

AC = ACRE	EXP. = EXPANSION	O.C. = ON CENTER	NOTE IDENTIFICATION
APPROXIMATE = APPROX.	E.W. = EACH WAY	O.D. = OUTSIDE DIAMETER	DEMOLITION NOTE
B&B = BALL AND BURLAP	F.F. = FINISH FLOOR	P.O.B. = POINT OF BEGINNING	CONSTRUCTION NOTE
BOC = BACK OF CURB	F.G. = FINISH GRADE	P.O.C. = POINT OF CONNECTION	
B.M. = BENCH MARK	FIN. = FINISH	P.V.C. = POLYVINYL CHLORIDE	
BULDG. = BUILDING	F.H. = FIRE HYDRANT	PIPE	
B.S. = BOTTOM OF STAIR	FL = FLOW LINE	PL = PROPERTY LINE	
B.W. = BOTTOM OF WALL	FTG. = FOOTING	R. = RADIUS	
CAL. = CALIPER	FT. = FEET	R.C.P. = REINFORCED CONCRETE PIPE	
C.B. = CATCH BASIN	GA. = GAUGE	R.O.W. = RIGHT OF WAY	
CL. CATCH BASIN CENTER LINE	GALV. = GALVANIZED	REQD. = REQUIRED	
C.O. = CLEANOUT	H.W. = HEAD WALL	REINF. = REINFORCED	
COL. = COLUMN	H.P. = HIGH POINT	SHT. = SHEET	
CONC. = CONCRETE	HORIZ. = HORIZON	SPEC. = SPECIFICATIONS	
CONT. = CONTINUOUS	I.D. = INNER DIAMETER	SQ. = SQUARE	
CONTR. = CONTRACTOR	IN. = INCH	S.F. = SQUARE FEET	
C.F. = CUBIC FEET	INV. = INVERT	S.V. = SQUARE YARD	
C.Y. = CUBIC YARD	L.P. = LOW POINT	S.S. = STAINLESS STEEL	
DET. = DETAIL	L.F. = LINEAR FEET	T.C. = TOP OF CURB	
DIM. = DIMENSION	MAX. = MAXIMUM	T.S. = TOP OF STAIR	
DIA. = DIAMETER	M.H. = MAN HOLE	T.W. = TOP OF WALL	
DWG. = DRAWING	MIN. = MINIMUM	TYP. = TYPICAL	
EA. = EACH	MISC. = MISCELLANEOUS	VERT. = VERTICAL	
ELEV. = ELEVATION	N.I.C. = NOT IN CONTRACT	W/O = WITH OUT	
EXIST. = EXISTING	N.T.S. = NOT TO SCALE	W.W.M. = WOVEN WIRE MESH	
E.P. = EDGE OF PAVING			

DETAIL SECTION IDENTIFICATION	SECTION DESIGNATION
DETAIL NUMBER	SHEET NUMBER

The Town of Parker review constitutes general compliance with the Town's Standards and approved variances, subject to these plans being stamped, signed, and dated by the professional engineer of record. Review by the Town does not constitute approval of the plan design or accuracy and correctness of engineering calculations. Errors in the design or calculations remain the responsibility of the registered professional engineer whose stamp and signature are affixed to this document.

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

Town of Parker, Director of Engineering _____ Date _____

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.)

Sheet Number	Sheet Title
L0.0	LANDSCAPE COVER SHEET
L0.1	LANDSCAPE NOTES & PLANT SCHEDULE
L1.0	OVERALL LANDSCAPE & FENCING PLAN
L1.1	LANDSCAPE PLAN
L1.2	LANDSCAPE PLAN
L1.3	LANDSCAPE PLAN
L1.4	PARK LAYOUT ENLARGEMENT
L1.5	PARK GRADING ENLARGEMENT
L2.0	SITE & LANDSCAPE DETAILS
L2.1	SITE & LANDSCAPE DETAILS
L2.2	SITE & LANDSCAPE DETAILS
L2.3	SITE & LANDSCAPE DETAILS
IR 1.0	IRRIGATION LEGEND & NOTES
IR 1.1	IRRIGATION DESIGN
IR 2.1	IRRIGATION DETAILS

OWNER / DEVELOPER

ESX MANAGEMENT
7353 SOUTH ALTON WAY
CENTENNIAL, CO 80112

PLANNER / LANDSCAPE ARCHITECT

people creating spaces

pcs group inc. www.pcsgroupco.com
#3, B-180 Independence plaza
1007 14th street, denver co 80265
1.303.531.4905 . f.303.531.4908

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CVL
CONSULTANTS

10333 E. DRY CREEK RD. #240
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Land Planning

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TRAILS AT CROWFOOT
FILING NO. 3
PARKER, COLORADO
FINAL LANDSCAPE PLANS

Drawn by: WI_BEM_GG
Checked by: PCS STAFF
Submitted Date: 04.18.2017
12.15.2017

Call before you dig.

811

Sheet Name
LANDSCAPE COVER SHEET

Sheet Number

L0.0

LANDSCAPE NOTES

SITE PREP

- LANDSCAPE CONTRACTOR TO REFERENCE CIVIL ENGINEERING DRAWINGS REGARDING DRAINAGE AND EROSION CONTROL NOTES, DETAILS AND PROCEDURES.
- ALL WORK SHALL CONFORM TO LOCAL MUNICIPAL CODES. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE LANDSCAPE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
- ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR USE OF MAINTENANCE EQUIPMENT ENTRY.
- SEE CIVIL ENGINEER'S DRAWINGS FOR GRADING AND DRAINAGE, EROSION CONTROL, PAVING AND SLEEVES, UTILITIES, AND OTHER ENGINEERED DETAILS.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
- A PRE-CONSTRUCTION MEETING MAY BE REQUIRED BETWEEN THE LANDSCAPE CONTRACTOR, PROPERTY OWNER AND LANDSCAPE ARCHITECT BEFORE START OF CONSTRUCTION.
- CONTRACTOR SHALL MINIMIZE ALL DISTURBANCE TO NON-IMPACTED AREAS.
- SITE MUST BE CLEAN AND FREE OF ALL CONSTRUCTION DEBRIS BEFORE FINAL ACCEPTANCE.
- CONTRACTOR IS RESPONSIBLE FOR SETUP OF BARRICADES, WARNING SIGNAGE, OR OTHER PROTECTIVE DEVICES IF ANY EXCAVATIONS ARE LEFT EXPOSED AFTER ON-SITE WORK HOURS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACQUIRE ALL NECESSARY PERMITS FOR CONSTRUCTION WORK WITHIN THE LOCAL JURISDICTION. A SEPARATE LANDSCAPE CONSTRUCTION PERMIT IS REQUIRED AND USE AND SALES TAX WILL BE COLLECTED. WATER CONNECTION FEES ARE TO BE PAID PRIOR TO THE METER SETTING. A BACK FLOW PERMIT AND INSPECTION IS REQUIRED PRIOR TO THE METER BEING INSTALLED IN THE VAULT.
- TOPSOIL IS TO BE STRIPPED & STOCKPILED ON-SITE FOR LATER USE.
- CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING OR NEW SITE IMPROVEMENTS DISTURBED OR DAMAGED DUE TO THEIR OPERATIONS. DAMAGED MATERIALS SHALL BE REPLACED/REPAIRED TO ITS PRIOR CONDITION.
- LOCATE ALL UTILITIES PRIOR TO ANY DIGGING OR LANDSCAPE PLANTING. CONTRACTOR SHALL HAND DIG ALL PLANTING PITS ADJACENT TO UTILITIES. IF UTILITIES ARE DAMAGED, REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.
- PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED & AMENDED.
- ALL LANDSCAPE AREAS SHALL RECEIVE SOIL AMENDMENT ROTOTILLED AT A MIN. 8" DEPTH AT A RATE OF 4 CUBIC YARDS PER 1,000 SF.
- CONTRACTOR SHALL SUBMIT SOIL AMENDMENT SPECIFICATIONS FOR APPROVAL PRIOR TO INSTALLATION.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE EXISTS IN ALL LANDSCAPE AREAS. SURFACE DRAINAGE ON LANDSCAPE AREAS SHALL NOT FLOW TOWARD STRUCTURES AND FOUNDATIONS. MAINTAIN SLOPE AWAY FROM FOUNDATIONS PER THE GEOTECH REPORT RECOMMENDATIONS. ALL LANDSCAPE AREAS BETWEEN WALKS AND CURBS SHALL DRAIN FREELY TO THE CURB UNLESS OTHERWISE IDENTIFIED ON THE GRADING PLAN. IN NO CASE SHALL THE GRADE, TURF THATCH, OR OTHER LANDSCAPE MATERIALS DAM WATER AGAINST WALKS. MINIMUM SLOPES ON LANDSCAPE AREAS SHALL BE 2%, MAXIMUM SLOPE SHALL BE 25% UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS OR APPROVED BY LANDSCAPE ARCHITECT.

TURF, PLANT & GROUND COVER MATERIAL

- ANY SUBSTITUTION OR ALTERATION OF PLANT OR LANDSCAPE MATERIALS IN LOCATION, SPECIES, TYPE, ETC. SHALL BE ALLOWED ONLY WITH APPROVAL OF THE LANDSCAPE ARCHITECT. OVERALL PLANT QUANTITY AND QUALITY TO BE CONSISTENT WITH APPROVED PLANS.
- ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH AAN SPECIFICATIONS FOR NUMBER ONE GRADE.
- PROPOSED TREE LOCATIONS SHALL HAVE A MINIMUM SEPARATION OF 4' BETWEEN WATER OR SEWER SERVICE LINES AND A MINIMUM SEPARATION OF 10' BETWEEN WATER LINES. PROPOSED TREE LOCATIONS SHALL HAVE A MINIMUM SEPARATION OF 4' BETWEEN GAS LINES.
- ALL PROPOSED IRRIGATED TURF AREAS SHALL BE SODDED WITH THE BLEND SPECIFIED IN THESE PLANS. SOD SHALL BE LAID ON A FIRM BED WITH TIGHT JOINTS AND WITHOUT VOIDS.
- TREE WRAP TO BE APPLIED IN LATE FALL AFTER INSTALLATION, AND REMOVED THE FOLLOWING SPRING. REMOVE ANY STRING OR WIRE AROUND TREE TRUNKS AT TIME OF INSTALLATION.
- CONTRACTOR SHALL REPORT ANY DISCREPANCY FOUND IN THE FIELD VERSUS THE LANDSCAPE DRAWINGS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, OWNER'S REPRESENTATIVE, AND/OR THE CITY/COUNTY PRIOR TO ANY CONSTRUCTION OR DEMOLITION ACTIVITY. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN THE CONTRACTOR'S LIABILITY TO RELOCATE AND REPAIR.
- MAINTAIN A MINIMUM THREE FOOT CLEARANCE AROUND FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS OR OTHER FIRE SERVICE EQUIPMENT. NO TREES OR SHRUBS WILL BE ALLOWED WITHIN THIS AREA.
- TREES SHALL NOT BE LOCATED IN DRAINAGE SWALES, AREAS OR UTILITY EASEMENTS. CONTACT LANDSCAPE ARCHITECT FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS PRIOR TO INSTALLATION.
- THE CENTER OF EVERGREEN TREES SHALL NOT BE PLACED CLOSER THAN 8' AND THE CENTER OF ORNAMENTAL TREES CLOSER THAN 6' FROM A SIDEWALK, STREET OR DRIVE LANE. EVERGREEN TREES SHALL NOT BE LOCATED ANY CLOSER THAN 15' FROM IRRIGATION ROTOR HEADS. NOTIFY

FINE GRADING NOTES

- SLOPES NOT TO EXCEED 4:1 MAX. - 1% MIN.
- SATISFACTORY SOILS: ASTM D 2487 SOIL CLASSIFICATION GROUPS GW, GM, SW, SP, AND SM, OR A COMBINATION OF THESE GROUP SYMBOLS; FREE OF ROCK OR GRAVEL LARGER THAN 3 INCHES (75 MM) IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER.
- STRIP TOPSOIL TO WHATEVER DEPTHS ARE ENCOUNTERED IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER WASTE MATERIALS.
- STRIP EXISTING SURFACES OF UNSUITABLE TOPSOIL, INCLUDING TRASH, DEBRIS, WEEDS, ROOTS, AND OTHER WASTE MATERIALS.
- STOCKPILE TOPSOIL MATERIALS ON-SITE WITHOUT INTERMINGLING WITH SUBSOIL.
- REMOVE EXISTING VEGETATION, DEBRIS, UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE BEFORE PLACING FILLS.
- PLOW, SCARIFY, BENCH, OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING MATERIAL.
- PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED CROSS-SECTIONS, ELEVATIONS AND GRADES WITH SATISFACTORY SOIL MATERIAL.
- UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTIO REQUIREMENTS AND GRADE TO CROSS SECTIONS, LINES, AND ELEVATIONS INDICATED.

SEEDING ESTABLISHMENT NOTES:

- SEED SHALL BE LABELED IN ACCORDANCE WITH THE U.S. DEPARTMENT OF AGRICULTURE, RULES AND REGULATIONS AND FEDERAL SEED ACT. SEED SHALL BE EQUAL IN QUALITY TO THE STANDARDS FOR "CERTIFIED SEED" AND SHALL BE FURNISHED IN SEALED, UNOPENED, STANDARD CONTAINERS. SEED SHALL BE FRESH, CLEAN, PURE LIVE SEED WITH THE VARIETIES MIXED IN PROPORTIONS BY WEIGHT SHOWN AND MEETING THE MINIMUM PERCENTAGES OF PURITY AND GERMINATION SPECIFIED.
- SEED SHALL BE APPLIED AT A RATE SHOWN BY MIX. SEED SHALL PASS GOVERNMENT TEST OF GERMINATION OF EIGHTY PERCENT (80%) AND FOR PURITY OF NINETY PERCENT (90%). THE PURE LIVE SEED SHALL NOT BE LESS THAN SIXTY SEVEN ON ONE-HALF PERCENT (67.5%) FOR ANY ONE VARIETY; WITH THE AVERAGE OF THE MIXTURE, NO LESS THAN SEVENTY TWO PERCENT (72%). ALL SEED SHALL BE FREE OF POA ANNUA AND ALL NOXIOUS OBJECTIONABLE WEEDS WITH A MAXIMUM CROPP OF ONE-TENTH PERCENT (0.1%) AND MAXIMUM WEED OF ONE-TENTH PERCENT (0.1%). IF SEED AVAILABLE ON THE MARKET DOES NOT MEET THE MINIMUM PURITY AND GERMINATION PERCENTAGES SPECIFIED, THE CONTRACTOR MUST COMPENSATE BY FURNISHING SUFFICIENT ADDITIONAL SEED TO EQUAL THE SPECIFIED PRODUCT.
- SPREAD ORGANIC SOIL AMENDMENT MATERIALS, AT A RATE OF 3 C.Y. PER 1000 SQUARE FEET, EVENLY OVER ENTIRE DISTURBED AREA AND THOROUGHLY INCORPORATE, BY MIXING, ROTOTILLING OR FINELY DISKING (MAX. 1" SIZE), TO A DEPTH OF SIX INCHES. ALL STONES, STICKS AND DEBRIS BROUGHT TO THE SURFACE SHALL BE REMOVED FROM THE SITE PROPERLY DISPOSED OF BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER. ALL SEED AREAS WILL THEN BE RAKED AND ROLLED TO THE DESIRED FINISHED GRADES WITH GENTLY SLOPING SURFACES TO ADEQUATELY DRAIN ALL SURFACE WATER RUNOFF. THE FINISHED SURFACE SHALL BE EVEN AND UNIFORM AND NO DIRT CLOUDS LARGER THAN ONE INCH (1") IN DIAMETER SHALL APPEAR ON THE SURFACE. THE SOIL SURFACE SHALL BE SMOOTH, LOOSE AND OF FINE TEXTURE, AND BE FLUSH WITH ALL PAVING EDGES.
- CONTRACTOR SHALL USE APPROPRIATE MECHANICAL POWER (BRILLION SEEDER OR EQUAL) TO DRILL THE SEED INTO THE SEEDBED WHEREVER POSSIBLE. SEED SHALL BE SOWN TO A DEPTH OF ONE-HALF INCH (1/2"). DRILLING SHALL BE DONE IN 2 SEPARATE APPLICATIONS CROSSING THE AREA AT RIGHT ANGLES TO ONE ANOTHER TO GUARANTEE PROPER COVERAGE. ON SLOPING LAND, SEEDING OPERATIONS SHALL FOLLOW THE GENERAL CONTOUR. AREAS TOO SMALL TO DRILL SEED MAY BE BROADCAST BY HAND AND APPLICATION RATES SHALL BE DOUBLED. SEEDING OF ANY KIND WILL NOT BE PERMITTED WHEN WIND VELOCITY IS SUCH AS TO PREVENT UNIFORM SEED DISTRIBUTION. NO APPLICATION SHALL TAKE PLACE WITH THE PRESENCE OF FREE SURFACE WATER OR WHEN GROUND IS FROZEN OR CANNOT BE TILLED. ADDITIONAL TOPICAL OVER SEEDING MAY BE APPLIED TO PREVIOUSLY SEEDED AREAS IN ORDER TO ACHIEVE ADEQUATE GROUND COVER AND EROSION RESISTANCE.
- SEEDED AREAS MAY REQUIRE TEMPORARY ABOVE GROUND SPRAY IRRIGATION UNTIL ESTABLISHMENT. IRRIGATION SHALL BE REMOVED UPON ACCEPTANCE BY THE CITY. WHERE STEEP SLOPES OCCUR, LANDSCAPE CONTRACTOR MAY REQUIRE VARIOUS METHODS OF TEMPORARY

- ALL EVERGREEN TREES SHALL BE FULLY BRANCHED TO THE GROUND AND SHALL NOT EXHIBIT SIGNS OF ACCELERATED GROWTH AS DETERMINED BY LANDSCAPE ARCHITECT.
- NO PLANT MATERIAL SHALL BE PLANTED WITHIN 10' OF ANY EXISTING OR PROPOSED ELECTRICAL SWITCHGEARS, TRANSFORMERS OR OTHER ELECTRICAL UTILITY EQUIPMENT. PLANT MATERIAL MAY BE FIELD ADJUSTED TO PROVIDE THE 10' CLEAR SPACE AND ACCESSIBILITY REQUIRED BY THE UTILITY'S OWNER/OPERATOR.
- ANY TREES INSTALLED ABOVE RETAINING WALLS UTILIZING GEO-GRID MUST BE DUG TO PROTECT GEO-GRID. IF GEO-GRID MUST BE CUT TO INSTALL TREES, APPROVAL MUST BE GIVEN BY LANDSCAPE ARCHITECT PRIOR TO DOING WORK.
- PROPOSED PLANT SPECIES MAY BE SUBJECT TO CHANGE PENDING COMMERCIAL AVAILABILITY AT TIME OF CONSTRUCTION. ALL SPECIES SUBSTITUTIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. OVERALL PLANT QUANTITIES & SIZES SHALL REMAIN AS INDICATED ON THE PLANT SCHEDULE. CONTRACTOR SHALL VERIFY THAT ANY SUBSTITUTED PLANT SPECIES ARE ACCEPTABLE TO THE LOCAL MUNICIPALITY OR GOVERNING JURISDICTIONS.
- IF SPECIFIED PLANTS ARE NOT COMMERCIALY AVAILABLE AT TIME OF CONSTRUCTION/INSTALLATION, CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT FOR A SUBSTITUTION.

PLANTING BEDS

- ALL PROPOSED PLANTING BEDS SHALL CONTAIN THE SPECIFIED MULCH. ROCK MULCH BEDS SHALL INCLUDE MIRAFI WEED BARRIER FABRIC OR EQUAL SECURED WITH PINS. OVERLAP FABRIC MIN. 24" AT EDGES. NO FABRIC IS REQUIRED IN WOOD MULCH AREAS.
- ROCK MULCH AROUND VEGETATION SHALL CONTAIN 2" DIA. ROUND RIVER COBBLE, GREY & TAN COLOR, 3" DEPTH.
- WOOD MULCH SHALL BE "GORILLA HAIR" OR EQUAL SHREDDED CEDAR MULCH, 4" DEPTH.
- EDGING BETWEEN TURF AND PLANTING BEDS SHALL BE 12-GAUGE, GREEN COLOR, ROLLED-TOP, STEEL EDGING OR EQUIVALENT. ANY NO EDGING IS REQUIRED AGAINST HARDCAPE/WALK AREAS OR AT TREE RING EDGES. EDGING SHALL BE INSTALLED TO AVOID IMPEDING DRAINAGE. RE: DETAILS FOR INSTALLATION IN LOW DRAINAGE AREAS.
- FOR TREES NOT IN PLANTING BEDS, ALLOW A 6"-Ø DIAMETER BED (TREE RING) WITHOUT SOD AROUND ROOT COLLAR. APPLY SPECIFIED WOOD MULCH & DEPTH AROUND COLLAR FOLLOWING SOD INSTALLATION. NO FABRIC OR STEEL EDGER IS NECESSARY WITHIN TREE RINGS IN NATIVE AREAS. TREES IN PLANTING BEDS SHALL NOT HAVE WEED BARRIER INSTALLED WITHIN 6" OF THEIR TRUNKS.

HARDSCAPE

- REFER TO SITE PLANS & DETAILS FOR SPECIALTY CONCRETE LOCATIONS WHERE APPLICABLE.

IRRIGATION

- 1) PERMANENT UNDERGROUND IRRIGATION IS REQUIRED IN ALL LANDSCAPE AREAS. 2) TURF AREAS ARE ZONED SEPARATELY FROM BED AREAS, 3) CONTROLLER TO INCLUDE RAIN SHUT-OFF, 4) HYDROZONES WILL BE ON SEPARATE IRRIGATION ZONES ACCORDING TO WATER-DEMAND.
- REFER TO IRRIGATION PLANS FOR LIMITS AND TYPES OF IRRIGATION DESIGNED FOR THE LANDSCAPE. IN NO CASE SHALL IRRIGATION BE EMITTED WITHIN THE MINIMUM STANDARDS FROM BUILDING OR WALL FOUNDATIONS AS STIPULATED IN THE GEOTECHNICAL REPORT. ALL IRRIGATIONS DISTRIBUTION LINES, HEADS AND EMITTERS SHALL BE KEPT OUTSIDE THE MINIMUM DISTANCE AWAY FROM ALL BUILDING AND WALL FOUNDATIONS AS STIPULATED IN THE GEOTECH REPORT.
- TURF & IRRIGATED NATIVE AREAS (WHERE APPLICABLE) SHALL BE IRRIGATED BY AUTOMATIC POP-UP SPRAY SYSTEM. SHRUBS & PLANTING BEDS SHALL BE IRRIGATED WITH DRIP/RIBBLER SYSTEM.
- ALL TREES & SHRUBS OUTSIDE OF BEDS WITHIN NATIVE AREAS SHALL BE DRIP IRRIGATED. ALL IRRIGATION SHALL BE AN AUTOMATIC UNDERGROUND SYSTEM.
- REFER TO IRRIGATION PLANS FOR DETAILED INFORMATION.

MAINTENANCE

- CONTRACTOR IS TO MAINTAIN ALL PLANTINGS AND ASSOCIATED IRRIGATION SYSTEM INSTALLED UNDER THIS CONTRACT UNTIL FINAL ACCEPTANCE BY THE CITY AND TURNOVER TO OWNER. THIS MAINTENANCE SHALL INCLUDE PROPER WATERING OF ALL PLANTS, AND MOWING OF TURF/SEED AREAS IF NECESSARY.
- SITE MUST BE CLEAN AND FREE OF ALL CONSTRUCTION DEBRIS BEFORE FINAL ACCEPTANCE.
- ALL PLANT MATERIAL WILL BE COVERED BY A WARRANTY PERIOD. THE CONTRACTOR SHALL REPLACE DEAD, UNHEALTHY, OR OTHERWISE UNSATISFACTORY MATERIAL THROUGHOUT THIS PERIOD. THE WARRANTY SHALL BEGIN UPON FINAL ACCEPTANCE OF THE JOB.
- LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A LIVING CONDITION BY THE OWNER OR ASSIGNS OR OWNERS ASSOCIATION. TREES AND SHRUBS MUST HAVE A 100% ONGOING SURVIVAL RATE. ANY DEAD OR DAMAGED PLANT MATERIAL (AS DETERMINED BY THE LOCAL MUNICIPALITY) SHALL BE REPLACED. NON-LIVING GROUND COVERS, SUCH AS ROCK OR MULCH, MUST BE 100% INTACT AFTER ONE YEAR AND 100% INTACT THEREAFTER.
- LANDSCAPE AREAS WITHIN THE PROPERTY AND WITHIN THE ADJACENT RIGHT OF WAY SHALL BE MAINTAINED BY THE PROPERTY OWNER.

- PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES.
- CUT OUT SOFT SPOTS, FILL LOW SPOTS AND TRIM HIGH SPOTS TO COMPLY WITH REQUIRED SURFACE TOLERANCES.
- SITE GRADING: SLOPE GRADES TO DIRECT WATER AWAY FROM ADJACENT STRUCTURES AND TO PREVENT PONDING. FINISH SUBGRADES TO REQUIRED ELEVATIONS WITHIN THE FOLLOWING TOLERANCES:
 - AT LOCATIONS DESIGNATED FOR LAWN OR UNPAVED AREAS: PLUS OR MINUS 1 INCH (25 MM).
 - AT DESIGNATED PAVEMENT LOCATIONS: PLUS OR MINUS 1/2 INCH (13 MM).
- GRADING ON SLOPES: INSTALL EROSION STABILIZATION FABRIC PER MANUFACTURERS RECOMMENDATIONS ON SLOPED SURFACES EQUAL TO OR GREATER THAN A RATIO OF 1) VERTICAL FOOT TO 3) HORIZONTAL FEET.
- CONTRACTOR WILL ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY TO PERFORM FIELD QUALITY-CONTROL TESTING.
- PROTECT NEWLY GRADED AREAS FROM TRAFFIC, FREEZING, AND EROSION. KEEP FREE OF TRASH AND DEBRIS.
- REPAIR AND REESTABLISH GRADES TO SPECIFIED TOLERANCES WHERE COMPLETED OR PARTIALLY COMPLETED SURFACES BECOME ERODED, RUTTED, SETTLED, OR WHERE THEY LOSE COMPACTIO DUE TO SUBSEQUENT CONSTRUCTION OPERATIONS OR WEATHER CONDITIONS.
- WHERE SETTLING OCCURS BEFORE PROJECT CORRECTION PERIOD ELAPSES, REMOVE FINISHED SURFACE GRADING, BACKFILL WITH ADDITIONAL SOIL MATERIAL, COMPACT, AND RECONSTRUCT SURFACE GRADING.
- TRANSPORT SURPLUS SATISFACTORY SOIL TO DESIGNATED STORAGE AREAS ON OWNER'S PROPERTY. STOCKPILE OR SPREAD SOIL AS DIRECTED BY OWNER.

IRRIGATION TO ACHIEVE SEED ESTABLISHMENT. SUCH METHODS SHALL BE IN COMPLIANCE WITH THE PROJECT'S EROSION CONTROL METHODS, BMP'S AND ALL CITY CODES AND REQUIREMENTS.

- MULCH WILL BE HYDRO MULCH. HYDRO MULCH SHALL BE CONWED 200 AND TACKIFIER OR APPROVED SUBSTITUTE MEETING THE FOLLOWING REQUIREMENTS:
 - VIRGIN WOOD CELLULOSE FIBER: MAY NOT CONTAIN ANY SUBSTANCE OR FIBER THAT MAY INHIBIT GERMINATION OF GROWTH OF GRASS SEEDS AND PLANTS.
 - DYE TO APPROPRIATE COLOR TO ALLOW PROPER METERING OF APPLICATION.
 - FIBERS MUST HAVE ABILITY TO BECOME EVENLY DISPERSED AND SUSPENDED WHEN AGITATED IN WATER.
 - WHEN SPRAYED UNIFORMLY ON SURFACE OF SOIL, FIBERS SHALL FORM BLOTTER. - LIKE GROUND COVER THAT READILY ABSORBS WATER, AND ALLOWS INFILTRATION TO UNDERLYING SOIL.
 - WEIGHT SPECIFICATIONS SHALL REFER ONLY TO AIR DRY WEIGHT OF FIBERS WITH A STANDARD MOISTURE CONTENT OF TEN PERCENT (10%).
 - MULCH MATERIAL SHALL BE SUPPLIED IN CONTAINERS NOT WEIGHING OVER ONE HUNDRED (100) LBS AND SHOWING AIR DRY WEIGHT OF FIBERS.
 - ORGANIC TACKIFIER MAY BE SUPPLIED WITH HYDROMULCH FIBERS OR BE ADDED AT A LATER TIME.

WEED MANAGEMENT

BEFORE SEEDING, REMOVE EXISTING WEEDS BY PULLING, TILLING UNDER AND/OR, APPLYING A GLYPHOSATE HERBICIDE SUCH AS ROUNDUP®, OR BY A COMBINATION OF THESE METHODS. FOR ADDITIONAL WEED CONTROL AFTER SITE PREPARATION, A SOIL FUMIGANT MAY BE USED, OR THE AREA MAY BE IRRIGATED TO ENCOURAGE WEED GROWTH AND THEN SPRAYED WITH A GENERAL HERBICIDE. IN VERY WEEDY AREAS, THE FOLLOWING METHOD IS SUGGESTED: (1) TILL SOIL OR SPRAY VEGETATION WITH ROUNDUP®, WHEN USING AN HERBICIDE, ALLOW VEGETATION TO DIE, THEN RAKE OUT THE DEAD DEBRIS. IF PERENNIAL WEEDS SUCH AS BINDWEED ARE PRESENT, USING AN HERBICIDE IS MORE EFFECTIVE THAN TILLING. (2) IRRIGATE TO ENCOURAGE GERMINATION OF WEED SEEDS NEAR THE SURFACE; MOST SEEDS WILL GERMINATE WITHIN TWO WEEKS IF CONSISTENT MOISTURE IS AVAILABLE. DO NOT TILL THE SOIL AGAIN BECAUSE THIS WILL BRING EVEN MORE WEED SEEDS UP TO THE SURFACE. (3) SPRAY ANY NEW GROWTH WITH ROUNDUP®. (4) AFTER RAKING OUT DEAD VEGETATION, ALLOW SOIL TO RECOVER FOR 4 WEEKS BEFORE PLANTING SEE. A RECOVERY PERIOD OF THIS DURATION IS ADVISABLE BECAUSE EXTENSIVE USE OF GLYPHOSATE HERBICIDES MAY CAUSE A DELAY IN GERMINATION AND IN THE VIGOROUS GROWTH OF SEEDLINGS. ONCE THE SEEDS HAVE GERMINATED, FURTHER WEED CONTROL IS USUALLY NECESSARY. IF PRACTICAL, PULL ALL WEEDS AS SOON AS THEY CAN BE IDENTIFIED. OTHER SUCCESSFUL TECHNIQUES ARE SPOT-SPRAYING WITH A GENERAL HERBICIDE OR SELECTIVELY CUTTING WEEDS WITH A STRING TRIMMER. BE SURE TO REMOVE WEEDS BEFORE THEY RESEED. ONCE ESTABLISHED, NATIVE AREAS MAY BE MOWED TWICE A SEASON OR AS REQUIRED TO MINIMIZE WEED GROWTH. FURTHER MOWING ADJACENT TO ROADWAYS AND PARK AREAS MAY BE REQUIRED AS SEASONAL DROUGHT AND FIRE CONDITIONS MAY DICTATE.

PLANT SCHEDULE

DECIDUOUS TREES	QTY
AS	4
GS	2
GJ	1
PO	2
□M	7
RAL	2
TG	3

EVERGREEN TREES	QTY
PSP	11
PN	9

ORNAMENTAL TREES	QTY
WKH	6
SC2	3

ANNUALS/PERENNIALS	QTY
EP	36

DECIDUOUS SHRUBS	QTY
SSB	20
AG	12
CD	11
CB	10
PS2	53
P□	19
SCH	16
RW	6

EVERGREEN SHRUBS	QTY
BU□	20
PS	21

ORNAMENTAL GRASSES	QTY
CK	54
MG	58

GROUND COVERS

QTY	BOTANICAL NAME	COMMON NAME
-----	----------------	-------------

10,359 SF	BLUEGRASS SOD RE: LANDSCAPE NOTES	BLUEGRASS SOD
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1,990 SF	CRUSHER FINES	CRUSHER FINES
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4,473 SF	ENVIROTURF RE: LANDSCAPE NOTES	ENVIROTURF
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1,916 SF	FIBAR PLAYGROUND MULCH	FIBAR PLAYGROUND MULCH
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7,545 SF	ROCK MULCH GREY: 2" DIA. COBBLE 3" DEPTH: RE: LDSCP NOTES	ROCK MULCH GREY: 2" DIA. COBBLE
----------	--	---------------------------------

623 SF	ROCK MULCH TAN: 2" DIA. COBBLE 3" DEPTH: RE: LDSCP NOTES	ROCK MULCH TAN: 2" DIA. COBBLE
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27,940 SF	SEED MI □ 1 TOWN OF PARKER (SEED MI □ 1) RE: LANDSCAPE NOTES	SEED MI □ 1
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* TREE CANOPIES WITHIN SIGHT TRIANGLES WILL BE NO LOWER THAN 8'		
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BOTANICAL NAME	COMMON NAME	CONT	CAL	SLE	HT	SPD
ACER PLATANOIDES (SCHWEDLER)	SCHWEDLER MAPLE	B □ B	2.5" CAL	50" SLE	30'	30'
GLEDTSIA TRIACANTHOS (INERMIS) SHADEMASTER	IMPERIAL HONEYLOCUST	B □ B	2.5" CAL	45" SLE	45'	45'
PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	B □ B	2.5" CAL	80" SLE	80'	80'
□UERCUS MACROCARPA	BURR OAK	B □ B	2.5" CAL	70" SLE	70'	70'
TILIA AMERICANA (REDMOND)	REDMOND AMERICAN LINDEN	B □ B	2.5" CAL	50" SLE	30'	30'
TILIA CORDATA (GREENSPIRE)	GREENSPIRE LITTLELEAF LINDEN	B □ B	2.5" CAL	60" SLE	40'	40'

BOTANICAL NAME	COMMON NAME	CONT	CAL	SLE	HT	SPD
PINUS FLEXILIS	LIMBER PINE	B □ B	6" CAL	8' HT	50" SLE	25'
PINUS NIGRA	AUSTRIAN BLACK PINE	B □ B	6" CAL	8' HT	50" SLE	30'

BOTANICAL NAME	COMMON NAME	CONT	CAL	SLE	HT	SPD
CRATAEGUS VIRIDIS (WINTER KING)	WINTER KING - HAWTHORN	B □ B	2" CAL	30" SLE	30'	30'
MALUS □ (SPRING SNOW)	SPRING SNOW CRAB APPLE	B □ B	2" CAL	30" SLE	30'	20'

BOTANICAL NAME	COMMON NAME	CONT	HT	SPD	IRR	CONE
ECHINACEA PURPUREA	PURPLE CONEFLOWER	1 GAL	2' HT	2' SPD		LOW

BOTANICAL NAME	COMMON NAME	CONT	HT	SPD	IRR	CONE
AMELANCHIER ALNIFOLIA (REGENT)	SASKATOON SERVICEBERRY	5 GAL	12' HT	8' SPD		LOW
AMELANCHIER □ GRANDIFLORA (AUTUMN BRILLIANCE)	AUTUMN BRILLIANCE-SERVICEBERRY	5 GAL	15' HT	10' SPD		LOW
CARYOPTERIS □ CLANDONENSIS (DARK KNIGHT)	BLUE MIST SHRUB	5 GAL	3' HT	4' SPD		MODERATE
CORNUS SERICEA (BAILEY)	RED TWIG DOGWOOD	5 GAL	8' HT	8' SPD		LOW/MOD HIGH
PENSTEMON STRICTUS	ROCKY MOUNTAIN PENSTEMON	5 GAL	2' HT	3' SPD		LOW
POTENTILLA FRUTICOSA (ACKMAN)	ACKMAN'S POTENTILLA	5 GAL	3' HT	4' SPD		LOW
PRUNUS BESSEYI (PAWNEE BUTTES)	PAWNEE BUTTES SAND CHERRY	5 GAL	18" HT	6' SPD		LOW
ROSA MEIDLAND SERIES (WHITE)	WHITE MEIDLAND ROSE	5 GAL	2' HT	4' SPD		LOW

BOTANICAL NAME	COMMON NAME
----------------	-------------

V:\MESS-RANCHO\LANDSCAPE ARCHITECTURE\CURRENT DWGS\MESS-LDSCP PLANS - FILING 3.DWG
 Thursday, March 16, 2017

Please show all landscaping on this plan. Streetscape that will be installed as part of a separate filing shall be grayed back and a notes added to which filing they will be installed with.

Streetscape in front of the park needs to be shown as part of this landscaping plan. In addition, all landscaping located adjacent to HOA tracts will be the responsibility of the HOA to maintain.

Please label the width and material to be used on this trail.

That is fine, but the trees and ground cover still needs to be shown on the plans.

LANDSCAPE MATERIALS & TREES SHOWN IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER

LANDSCAPE MATERIALS & TREES SHOWN IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER

FENCING TO BE INSTALLED AS PART OF FILING 1

FENCING TO BE INSTALLED AS PART OF FILING 1

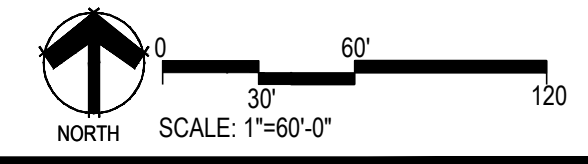
FILING 3 LIMIT OF LANDSCAPE

(2) MAILBOX CLUSTER 4 L2.3

(2) MAILBOX CLUSTER 4 L2.3

(2) MAILBOX CLUSTER 4 L2.3

- NOTES:
- LANDSCAPE MATERIAL AND TREES IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER. STREET TREE LOCATIONS ARE NOT FINAL AND MAY CHANGE BASED UPON DRIVEWAY LOCATION.
 - NO FENCES OR STRUCTURES WILL BE ALLOWED WITHIN SIGHT TRIANGLES.
 - SHRUBS & PERENNIALS WITHIN SIGHT TRIANGLES WILL BE NO HIGHER THAN 2'.
 - TREE CANOPIES WITHIN SIGHT TRIANGLES WILL BE NO LOWER THAN 8'.
 - MAILBOX CLUSTER LOCATIONS ARE CONCEPTUAL ONLY. FINAL LOCATIONS TO BE DETERMINED BY POSTMASTER.



Prepared For
E5X MANAGEMENT
 7353 SOUTH ALTON WAY
 CENTENNIAL, CO 80112

Land Planning

 people creating spaces

pcs group inc. www.pcsgroupco.com
 #3, B-180 Independence plaza
 1007 14th street, denver co 80202
 1.303.531.4905, f.303.531.4908

Engineering

CVL
 CONSULTANTS
 10333 E. DRY CREEK RD. #240
 ENGLEWOOD, CO 80112
 720-482-9526

TRAILS AT CROWFOOT
 FILING NO. 3
 PARKER, COLORADO
FINAL LANDSCAPE PLANS

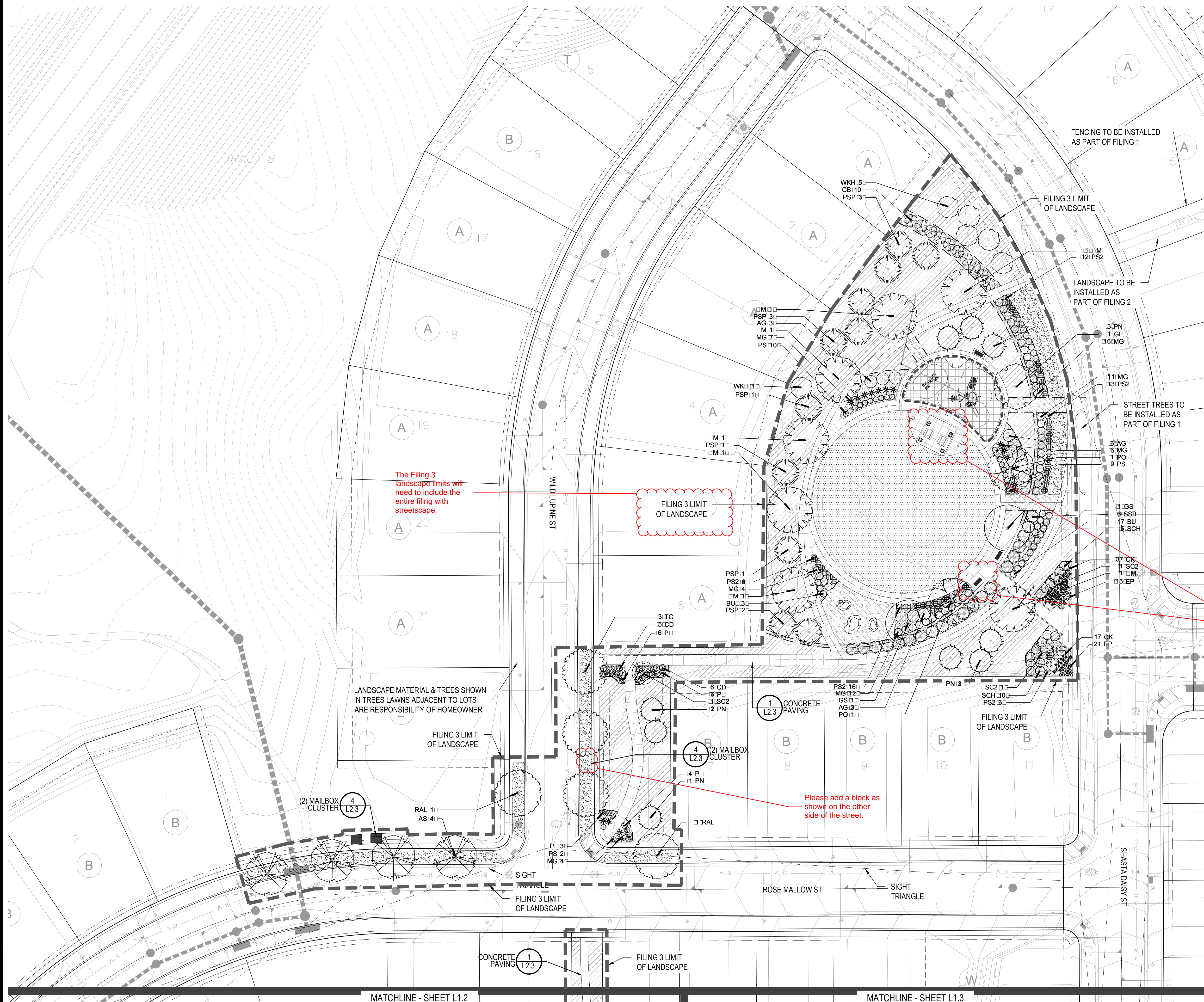
Drawn by: WJ BEM GG
 Checked by: PCS STAFF
 Submittal Date: 04.18.2017
 Date: 12.15.2017

Know what's below.
 Call before you dig.

Sheet Name
**OVERALL
 LANDSCAPE
 & FENCING PLAN**

Sheet Number
L1.0

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 Thursday, March 16, 2017

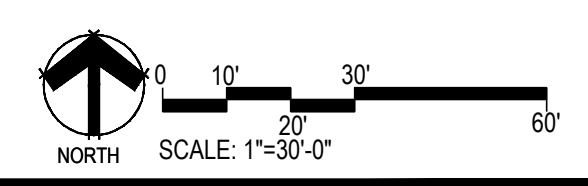
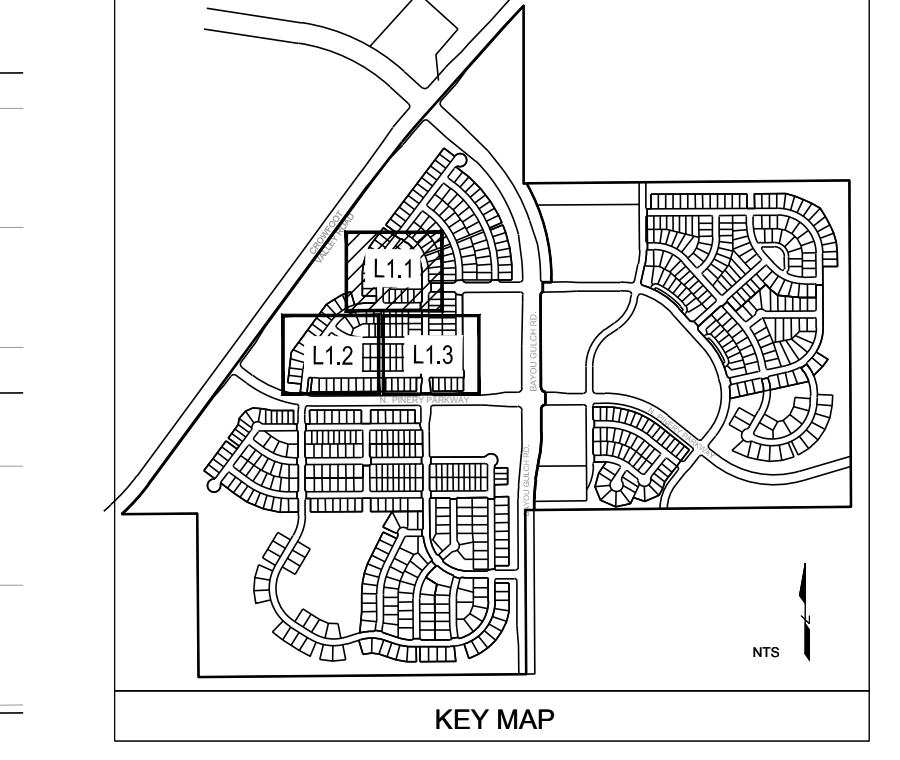


PLANT & GROUND COVER LIST

DECIDUOUS TREES	COMMON NAME
AS	SCHWEDLER MAPLE
GS	SHADEMASTER LOCUST
GI	IMPERIAL HONEYLOCUST
PO	AMERICAN SYCAMORE
MI	BURR OAK
RAL	REDMOND AMERICAN LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
EVERGREEN TREES	COMMON NAME
PSP	LIMBER PINE
PN	AUSTRIAN BLACK PINE
ORNAMENTAL TREES	COMMON NAME
WKH	WINTER KING HAWTHORN
SC2	SPRING SNOW CRAB APPLE
ANNUALS PERENNIALS	COMMON NAME
EP	PURPLE CONEFLOWER
DECIDUOUS SHRUBS	COMMON NAME
SSB	SASKATOON SERVICEBERRY
AG	AUTUMN BRILLIANCE SERVICEBERRY
CD	BLUE MIST SHRUB
CB	RED TWIG DOGWOOD
PS2	ROCKY MOUNTAIN PENSTEMON
P	ACKMAN'S POTENTILLA
SCH	PAWNEE BUTTES SAND CHERRY
RW	WHITE MEIDLAND ROSE
EVERGREEN SHRUBS	COMMON NAME
BU	BUFFALO JUNIPER
PS	MUGO PINE
ORNAMENTAL GRASSES	COMMON NAME
CK	FEATHER REED GRASS
MG	MAIDEN GRASS

GROUND COVERS	COMMON NAME
[Pattern]	BLUEGRASS SOD
[Pattern]	CRUSHER FINES
[Pattern]	ENVIROTURF
[Pattern]	FIBAR PLAYGROUND MULCH
[Pattern]	ROCK MULCH GREY: 2" DIA. COBBLE
[Pattern]	ROCK MULCH TAN: 2" DIA. COBBLE
[Pattern]	SEED MI 1
[Symbol]	TREE CANOPIES WITHIN SIGHT TRIANGLES WILL BE NO LOWER THAN 8'

- NOTES:
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TRAILS AT CROWFOOT
 FILING NO. 3
 PARKER, COLORADO
FINAL LANDSCAPE PLANS

Drawn by: WI, BEM, GG
 Checked by: PCS STAFF
 Submittal Date: 04.18.2017
 Date: 12.15.2017

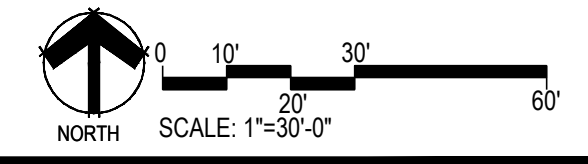
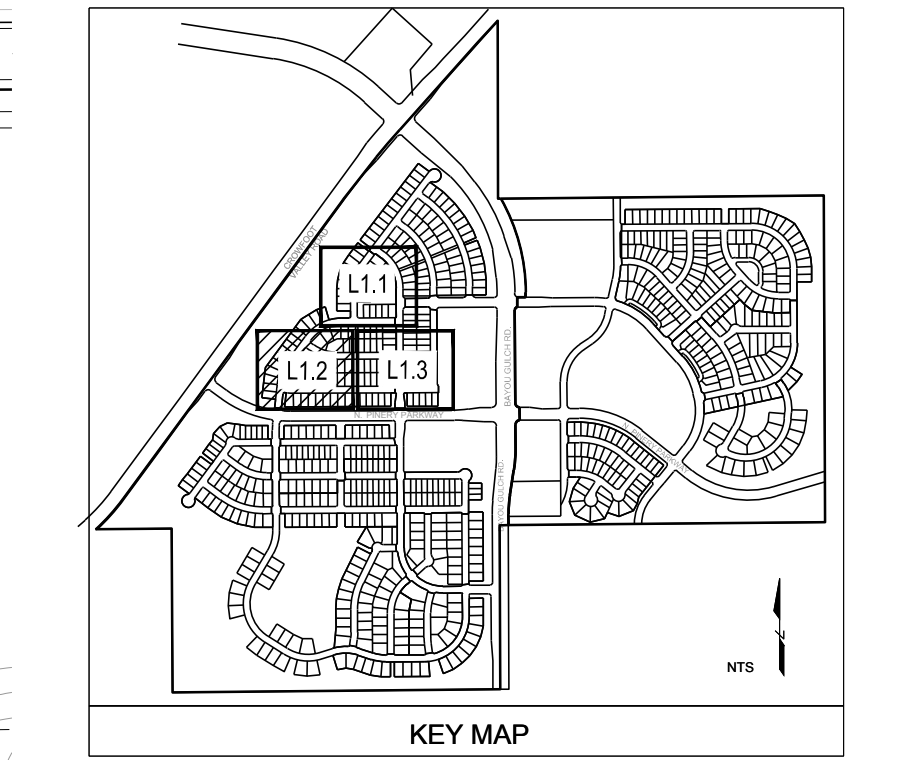
Know what's below.
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Sheet Name
LANDSCAPE PLAN

Sheet Number
L1.1

DECIDUOUS TREES	COMMON NAME
AS	SCHWEDLER MAPLE
GS	SHADEMASTER LOCUST
GI	IMPERIAL HONEYLOCUST
PO	AMERICAN SYCAMORE
MI	BURR OAK
RAL	REDMOND AMERICAN LINDEN
TG	GREENSPIRE LITTLELEAF LINDEN
EVERGREEN TREES	COMMON NAME
PSP	LIMBER PINE
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ORNAMENTAL TREES	COMMON NAME
WKH	WINTER KING HAWTHORN
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ANNUALS PERENNIALS	COMMON NAME
EP	PURPLE CONEFLOWER
DECIDUOUS SHRUBS	COMMON NAME
SSB	SASKATOON SERVICEBERRY
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EVERGREEN SHRUBS	COMMON NAME
BU	BUFFALO JUNIPER
PS	MUGO PINE
ORNAMENTAL GRASSES	COMMON NAME
OK	FEATHER REED GRASS
MG	MAIDEN GRASS
GROUND COVERS	COMMON NAME
[Pattern]	BLUEGRASS SOD
[Pattern]	CRUSHER FINES
[Pattern]	ENVIROTURF
[Pattern]	FIBAR PLAYGROUND MULCH
[Pattern]	ROCK MULCH GREY: 2" DIA. COBBLE
[Pattern]	ROCK MULCH TAN: 2" DIA. COBBLE
[Pattern]	SEED MIX 1
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 - MAILBOX CLUSTER LOCATIONS ARE CONCEPTUAL ONLY. FINAL LOCATIONS TO BE DETERMINED BY POSTMASTER.



All streetscape, including street trees and ground cover need to be shown on the plan and included within the cost estimate.

(2) MAILBOX CLUSTER 4 L2.3

LANDSCAPE MATERIALS & TREES SHOWN IN TREE LAWNS ADJACENT TO LOTS ARE RESPONSIBILITY OF HOME BUILDER

FILING 3 LIMIT OF LANDSCAPE

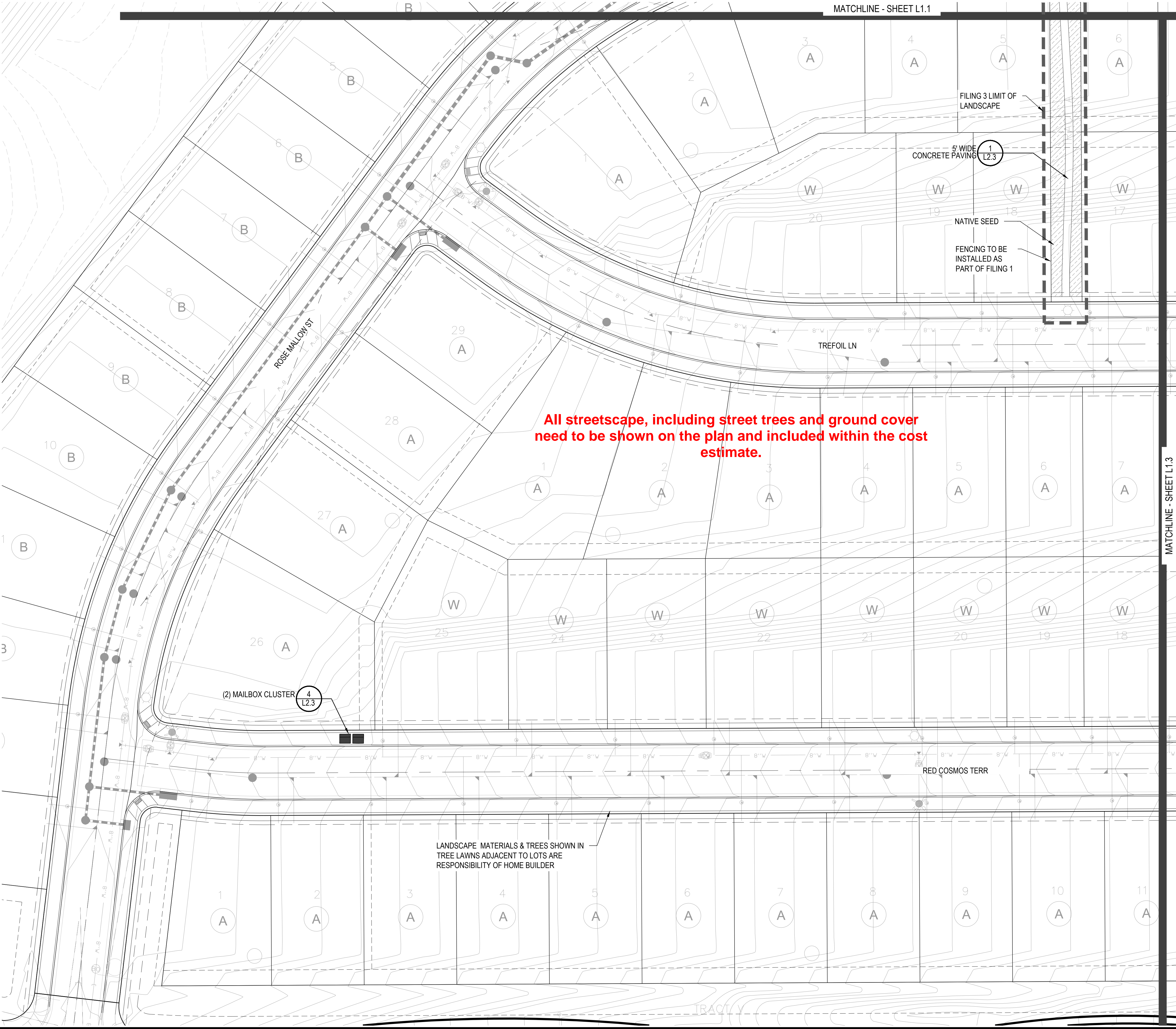
5' WIDE CONCRETE PAVING 1 L2.3

NATIVE SEED

FENCING TO BE INSTALLED AS PART OF FILING 1

TREFOIL LN

RED COSMOS TERR



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TRAILS AT CROWFOOT
FILING NO. 3
PARKER, COLORADO
FINAL LANDSCAPE PLANS

Drawn by: WJ BEM GG
Checked by: PCS STAFF
Submittal Date: 04.18.2017
Date: 12.15.2017
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Sheet Name
LANDSCAPE PLAN

Sheet Number
L1.2

TRAILS AT CROWFOOT SUBDIVISION FILING NO. 3 ADDRESS PLAT

A RESUBDIVISION OF LOT 2, BLOCK 1 OF TRAILS AT CROWFOOT FILING NO. 1
 A PART OF THE SECTIONS 4, 8 AND 9, TOWNSHIP 7 SOUTH, RANGE 66 WEST OF THE 6th PRINCIPAL MERIDIAN,
 TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO
 SHEET 2 OF 3



Trails at Crowfoot JDA Filing 3-Preliminary Landscape Cost Estimate

PCS Group

Opinion of Probable Cost

Date: 12.15.17

Filing 3-Park Open Space

Improvement	Quantity	Unit	Unit Cost	Total
Deciduous Trees (2.5" cal)	12	EA	\$ 560.00	\$ 6,720.00
Evergreen Trees (8' ht)	20	EA	\$ 690.00	\$ 13,800.00
Ornamental Trees (2" cal)	9	EA	\$ 480.00	\$ 4,320.00
Deciduous Shrubs (5 gal)	147	EA	\$ 50.00	\$ 7,350.00
Evergreen Shrubs (5 gal)	41	EA	\$ 50.00	\$ 2,050.00
Ornamental Grasses (1 gal)	112	EA	\$ 25.00	\$ 2,800.00
Perennials (1 gal)	36	EA	\$ 15.00	\$ 540.00
Native Seed Open Space (w/prep)	27,940	SF	\$ 0.75	\$ 20,955.00
EnviroTurf (w/prep)	1,408	SF	\$ 1.00	\$ 1,408.00
Blugrass Sod (w/prep)	10,359	SF	\$ 1.00	\$ 10,359.00
2" Diam. Cobble Rock mulch (3" depth)	8,168	SF	\$ 1.25	\$ 10,210.00
Steel Edger	1,151	LF	\$ 3.00	\$ 3,453.00
Specimen Landscape Boulders	3	EA	\$ 800.00	\$ 2,400.00
Concrete Walk (4" depth)	10,080	SF	\$ 7.00	\$ 70,560.00
Concrete Thickened Edge	190	SF	\$ 45.00	\$ 8,550.00
Crusher Fines (4" depth)	1,907	SF	\$ 3.50	\$ 6,674.50
Specialty Pavers	605	SF	\$ 18.00	\$ 10,890.00
Stone Veneer Seatwall	40	LF	\$ 450.00	\$ 18,000.00
Pet Station	1	EA	\$ 600.00	\$ 600.00
Trash Receptacle	2	EA	\$ 1,200.00	\$ 2,400.00
Bike Rack	3	EA	\$ 500.00	\$ 1,500.00
Playground Structures	1	LS	\$ 40,000.00	\$ 40,000.00
Engineered Wood Fiber (playground-12" depth)	1,916	SF	\$ 3.50	\$ 6,706.00
ADA Playground Ramp	1	EA	\$ 1,800.00	\$ 1,800.00
Playground Drainage	1	LS	\$ 1,500.00	\$ 1,500.00
Picnic Shelter	1	EA	\$ 50,000.00	\$ 50,000.00
Picnic Tables	2	EA	\$ 1,800.00	\$ 3,600.00
Bench	3	EA	\$ 1,500.00	\$ 4,500.00
Mailbox Kiosk (16 door)	6	EA	\$ 1,400.00	\$ 8,400.00
Irrigation (Spray for native and turf areas)	39,707	SF	\$ 0.90	\$ 35,736.30
Irrigation (Drip emitters for shrub beds)	1	LS	\$ 10,200.00	\$ 10,200.00
			Sub-Total	\$ 367,981.80

Filing 3-ROW Landscaping

Improvement	Quantity	Unit	Unit Cost	Total
Deciduous Trees (2.5" cal)	9	EA	\$ 560.00	\$ 5,040.00
EnviroTurf (w/prep)	3,065	SF	\$ 1.00	\$ 3,065.00
Irrigation (Spray for native and turf areas)	3,065	SF	\$ 0.90	\$ 2,758.50
			Sub-Total	\$ 10,863.50

This will need to be on a separate cost estimate per the SIA. All trees located within the streetscape will need to be included on the plans and within the cost estimate.

Sub Total	\$ 378,845.30
15% Contingency	\$ 56,826.80
Total	\$ 435,672.10

*Temporary native seed for disturbed areas and detention areas are included in the Earthwork budget by civil engineer.

Disclaimer
STREETSCAPE COST ESTIMATE

This opinion of probable landscape construction cost is made on the basis of the Planner / Landscape Architect's experience and qualifications and represents the best judgment as an experienced and qualified professional generally familiar with the industry. However,

Per the SIA, the total will need to be 110% of the total listed here.

since the Planner / Landscape Architect does not have control over the cost of labor, materials, equipment, services furnished by others, the Contractors' methods of determining prices, competitive bidding or market conditions; the Planner / Landscape Architect cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from this estimate of probable landscape construction costs. If the OWNER wishes greater assurance as to probable construction costs, the OWNER shall employ an independent cost estimator or contractor. Prior to probationary acceptance of the Public Improvements for the Property, the Developer shall install all plant material and related irrigation facilities within all tracts as described in the landscape plans approved by the Town for the Property (the "Landscape Improvements"), subject to the warranty provisions of this Agreement. If installation of the Landscape Improvements cannot be reasonably accomplished prior to probationary acceptance of the Public Improvements for the Property, the Developer shall post a letter of credit amounting to one hundred percent (100%) (the "Landscape Security") of the materials cost as described and will complete the Landscape Improvements according to the landscape plans prior to final acceptance of the Public Improvements by the Town. The Town may reduce the Landscape Security, in the exercise of its sole discretion, as the Landscape Improvements are completed on a tract-by-tract basis and accepted by the Town for probationary acceptance, subject to the warranty provisions of this Agreement and Section 13.07.150(c) of the Town's Land Development Ordinance for the Landscape Improvements.

CONDITIONS TO BE ADDED TO THE SUBDIVISION AGREEMENT

1. Per discussions with the applicant, no Filing 3 building permits will be issued until probationary acceptance is granted on Filings 1 and 2.
2. 4 model home lots will be allowed prior to probationary acceptance of the public improvements. Model homes will be allowed on the following lots.

SUBDIVISION AGREEMENT

[File Name]

THIS AGREEMENT is made this _____ day of _____, 20__, by and between the Town of Parker, Colorado, a home rule municipal corporation (the "Town"), and _____ (the "Developer").

RECITALS:

A. The Developer is the owner of certain real property located in the Town of Parker known as _____ **[File Name]**, which is more particularly described in **Exhibit A**, attached hereto and incorporated herein (the "Property").

B. The Town Council and the Planning Commission of the Town of Parker held all necessary public hearings concerning the plat for the Property. A copy of the final plat is attached hereto as **Exhibit B** and incorporated herein.

C. The approvals cited above are contingent upon the express condition that all duties created by this Agreement are faithfully performed by the Developer.

AGREEMENT

NOW, THEREFORE, for and in consideration of the mutual promises and covenants contained herein, the sufficiency of which are mutually acknowledged, the parties hereto agree as follows:

1. Purpose. The purpose of this Agreement is to set forth the terms, conditions and fees to be paid by the Developer, upon subdivision of the Property. All conditions contained herein are in addition to any and all requirements of the Town of Parker Subdivision Ordinance and Zoning Ordinance, the Town of Parker Charter, any and all state statutes, and any other sections of the Parker Municipal Code, and are not intended to supersede any requirements contained therein.

2. Agreements and Other Requirements. The Developer hereby agrees to perform any and all requirements of the Annexation Agreement entered into between the Town and the Developer on **[Date]** _____, 20__, which was recorded at Reception No. _____, **[OR for older documents]**: recorded in Book _____, Page _____,] [and amended on **[Date]** _____, 20__, which was recorded at Reception No. _____, **[OR for older documents]**: recorded in Book _____, Page _____, **←delete this language if no amendment]** of the Douglas County real estate records. The requirements of the Annexation Agreement are in addition to the requirements of this Agreement and are not intended to supersede any requirements contained herein.

3. Fees. The following fees shall be paid to the Town by the Developer.

a. The Developer hereby agrees to pay the Town the actual cost to the Town for plan review, engineering review, hydrological and surveying review, prior to and during the

development process, and for construction observation, inspection and materials testing during the construction process for public improvements, and for construction observation, inspection and materials testing and electronic deliverable review during the warranty period for public improvements, and for legal services (the "actual costs") rendered in connection with the review of the subdivision of the Property, including related administrative fees not to exceed one hundred fifteen percent (115%) of the actual costs. In addition, the Developer shall reimburse the Town for the costs of making corrections or additions to the master copy of the official Town map and for the fee for recording the final plat and accompanying documents with the Douglas County Clerk and Recorder.

b. The Developer shall pay the impact fees, as established by Town ordinances, in effect at the time this Agreement is executed. The Developer shall pay the foregoing impact fees in effect at the time specified by such ordinances.

c. The Developer acknowledges and agrees that the Town, pursuant to this Agreement, shall be granted construction easement(s) that are reasonably sufficient to complete the public improvements.

4. Specific Conditions. The Developer hereby agrees that:

a. Any approval obtained from the Town of Parker does not obviate the Developer's need to comply with the requirements of Sections 7 and 9 of the Endangered Species Act of 1973, 16 U.S.C. 1531, *et seq.*, as amended, or with any other applicable federal, state or local laws and regulations.

b. Prior to probationary acceptance of the Public Improvements for the Property, the Developer shall install all plant material and related irrigation facilities as described in the landscape plans approved by the Town for the Property (the "Streetscape Improvements"). If installation of Streetscape Improvements cannot be reasonably accomplished prior to probationary acceptance of the Public Improvements for the Property, the Developer shall post a letter of credit amounting to one hundred ten percent (110%) (the "Streetscape Security") of the materials cost as described in **Exhibit E**, attached hereto and incorporated herein, and will complete the Streetscape Improvements according to the landscape plans as provided by Section 13.07.150(c)(2) of the Town's Land Development Ordinance. The Town may reduce the Streetscape Security, in the exercise of its sole discretion, as the Streetscape Improvements are completed and accepted by the Town for final acceptance, subject to Section 13.07.150(c) of the Town's Land Development Ordinance for the Streetscape Improvements.

c. Prior to probationary acceptance of the Public Improvements for the Property, the Developer shall install all plant material and related irrigation facilities within all tracts as described in the landscape plans approved by the Town for the Property (the "Landscape Improvements"), subject to the warranty provisions of this Agreement. If installation of the Landscape Improvements cannot be reasonably accomplished prior to probationary acceptance of the Public Improvements for the Property, the Developer shall post a letter of credit amounting to one hundred ten percent (110%) (the "Landscape Security") of the materials cost as described in **Exhibit F**, attached and incorporated herein, and will complete the Landscape Improvements according to the landscape plans prior to final acceptance of the Public

Improvements by the Town. The Town may reduce the Landscape Security, in the exercise of its sole discretion, as the Landscape Improvements are completed on a tract-by-tract basis and accepted by the Town for probationary acceptance, subject to the warranty provisions of this Agreement and Section 13.07.150(c) of the Town's Land Development Ordinance for the Landscape Improvements.

d. **[Add additional specific conditions here]**

5. Title Commitment. A title commitment for the Property shall be provided to the Town. The title commitment shall show that all property to be dedicated to the Town is or shall be, subsequent to the execution and recording of the final plat, free and clear of all liens and encumbrances (other than real estate taxes which are not yet due and payable), which would make the dedications unacceptable as the Town, in its sole discretion, determines.

6. Breach by the Developer; the Town's Remedies. In the event of a breach of any of the terms and conditions of this Agreement by the Developer, the Town Council shall be notified immediately and the Town may take such action, as permitted and/or authorized by law, this Agreement or the ordinances and Charter of the Town, as the Town deems necessary to protect the public health, safety and welfare; to protect lot buyers and builders; and to protect the citizens of the Town from hardship and undue risk. The remedies include, but are not limited to:

a. The refusal to issue any building permit or certificate of occupancy;

b. The revocation of any building permit previously issued under which construction directly related to such building permit has not commenced, except a building permit previously issued to a third party;

c. A demand that the security given for the completion of the public improvements be paid or honored; or

d. Any other remedy available at law.

Unless necessary to protect the immediate health, safety and welfare of the Town, or to protect the interest of the Town with regard to security given for the completion of the public improvements, the Town shall provide the Developer thirty (30) days' written notice of its intent to take any action under this paragraph, during which thirty-day period the Developer may cure the breach described in the notice and prevent further action by the Town.

7. Public Improvements and Warranty. All drainage structures, paved streets, including sidewalk, curb, gutter and slope easements, and necessary appurtenances, as shown on the final plat, landscape plans and the associated construction documents (the "Public Improvements"), as approved by the Director of Engineering/Public Works of the Town, shall be installed and completed at the expense of the Developer and dedicated and/or conveyed to the Town. The Public Improvements required by this Agreement and shown on the final plat, as well as associated construction documents approved by the Director of Engineering/Public Works of the Town and the costs of these Public Improvements, are set forth on **Exhibit C**, attached hereto and incorporated herein. All Public Improvements covered by this Agreement shall be made in accordance with the final plat and associated construction documents drawn

according to regulations and construction standards for such improvements and approved by the Director of Engineering/Public Works of the Town.

The Developer shall warrant any and all Public Improvements, which are conveyed to the Town, pursuant to this Agreement, for a period of two (2) years from the date the Town's Director of Engineering/Public Works grants probationary acceptance of the Public Improvements, as approved by the Town. The warranty period shall extend to the date final acceptance is granted in writing by the Town's Director of Engineering/Public Works. The Developer shall be responsible for scheduling the necessary inspections for probationary and final acceptance. Specifically, but not by way of limitation, the Developer shall warrant the following:

- a. That the title conveyed shall be marketable and its transfer rightful;
- b. Any and all facilities conveyed shall be free from any security interest or other lien or encumbrance; and
- c. Any and all facilities so conveyed shall be in conformity with the Town's specifications and shall be free of defects in materials or workmanship for a period of two (2) years, as stated above, including, but not limited to, cracks, breakage, settling, or other deterioration of the Public Improvements, no matter the cause, for a period of two (2) years, as stated above.

The Town will accept for maintenance all Public Improvements after the warranty period has expired, provided all warranty work has been completed. The Town shall accept for snow removal purposes only all dedicated public streets after probationary acceptance has been granted in writing by the Director of Engineering/Public Works. The Developer shall make all corrections necessary to bring the Public Improvements into conformity with the Town's specifications, prior to final acceptance.

Notwithstanding anything to the contrary contained in this Agreement, the Town will not accept for ownership, maintenance or operation any private improvements that are described as Public Improvements in this Agreement, that include, but are not limited to, private streets, private parks, private open space, drainage facilities, landscaping and medians that will be privately maintained, as described on the final plat and/or subject to a license agreement as provided by Paragraph 14 of this Agreement.

8. Observation. The Town shall have the right to make reasonable engineering observations at the Developer's expense, as the Town may request. Observation, acquiescence in, or approval by any engineering inspector of the construction of physical facilities at any particular time shall not constitute the approval by the Town of any portion of the construction of such Public Improvements. Such approval shall be made by the Town only after completion of construction and in the manner hereinafter set forth.

9. Completion of Public Improvements. The obligations of the Developer provided for in paragraph 7 of this Agreement, including the inspections hereof, shall be performed on or before _____, 20__ [**←Fill in Date (1 or 2 years from approval)**], and proper application for acceptance of the Public Improvements shall be made on or before such date. Upon

completion of construction by the Developer of such Public Improvements, the Town's Director of Engineering/Public Works or his designee shall inspect the improvements and certify with specificity their conformity or lack thereof to the Town's specifications. The Developer shall make all corrections necessary to bring the improvements into conformity with the Town's specifications. Once approved by the Town's Director of Engineering/Public Works, the Town shall accept said improvements upon conveyance, pursuant to paragraph 11; provided, however, the Town shall not be obligated to accept the Public Improvements until the actual costs described in paragraphs 3.a. and b. of this Agreement are paid in full by the Developer.

10. Related Costs – Public Improvements. The Developer shall provide all necessary engineering designs, surveys, field surveys and incidental services related to the construction of the Public Improvements, at its sole cost and expense, including reproducible "as built" drawings certified accurate by a professional engineer registered in the State of Colorado.

11. Improvements to be the Property of the Town. All Public Improvements for roads, concrete curbs and gutters, storm sewers, and drainage improvements accepted by the Town shall be dedicated to the Town and warranted for a period of two (2) years following probationary acceptance by the Town, as provided above.

12. Performance Guarantee. In order to secure the construction and installation of the Public Improvements, the Developer shall, prior to recording the final plat in the real estate records of Douglas County, which recording shall occur no later than ninety (90) days after the execution of this Agreement, furnish the Town, at the Developer's expense, with the performance guarantee described herein. The performance guarantee provided by the Developer shall be an irrevocable letter of credit in which the Town is designated as beneficiary in an amount equal to one hundred ten percent (110%) of the estimated costs of the Public Improvements to be constructed and installed, as set forth in Exhibit C, to secure the performance and completion of the Public Improvements. The Developer agrees that approval of the final plat by the Town is contingent upon the Developer's provision of an irrevocable letter of credit to the Town within ninety (90) days of the execution of this Agreement, in the amount and form provided herein. Failure of the Developer to provide an irrevocable letter of credit to the Town, in the manner provided herein, shall negate the Town's approval of the final plat. Letters of credit shall be substantially in the form and content set forth in **Exhibit D**, attached hereto and incorporated herein, and shall be subject to the review and approval of the Town Attorney. The Developer shall not start the construction of any public or private improvement on the Property, including, but not limited to, staking, earth work, overlot grading or the erection of any structure, temporary or otherwise, until the Town has received and approved the irrevocable letter of credit.

The estimated costs of the Public Improvements shall be a figure mutually agreed upon by the Developer and the Town's Director of Engineering/Public Works, as set forth in Exhibit C. If, however, they are unable to agree, the Director of Engineering/Public Works' estimate shall govern after giving consideration to information provided by the Developer, including, but not limited to, construction contracts and engineering estimates. The purpose of the cost estimate is solely to determine the amount of security. No representations are made as to the accuracy of these estimates and the Developer agrees to pay the actual costs of all such Public Improvements.

The estimated costs of the Public Improvements may increase in the future. Accordingly, the Town reserves the right to review and adjust the cost estimates on an annual basis. Adjusted cost estimates will be made according to changes in the Construction Costs Index, as published by the Engineering News Record. If the Town adjusts the cost estimate for the Public Improvements, the Town shall give written notice to the Developer. The Developer shall, within thirty (30) days after receipt of said written notice, provide the Town with a new or amended letter of credit in the amount of the adjusted cost estimates. If the Developer refuses or fails to so provide the Town with a new or amended letter of credit, the Town may exercise the remedies provided for in paragraph 6 of this Agreement; provided, however, that prior to increasing the amount of additional security required, the Town shall give credit to the Developer for all required Public Improvements which have actually been completed so that the amount of security required at any time shall relate to the cost of required Public Improvements not yet constructed.

In the event the Public Improvements are not constructed or completed within the period of time specified by paragraph 9 of this Agreement or a written extension of time mutually agreed upon by the parties to this Agreement, the Town may draw on the letter of credit to complete the Public Improvements called for in this Agreement. In the event the letter of credit is to expire within fourteen (14) calendar days and the Developer has not yet provided a satisfactory replacement, the Town may draw on the letter of credit and either hold such funds as security for performance of this Agreement or spend such funds to finish the Public Improvements or correct problems with the Public Improvements, as the Town deems appropriate.

Upon completion of performance of such improvements, conditions and requirements within the required time and the approval of the Town's Director of Engineering/Public Works, the Developer shall issue an irrevocable letter of credit to the Town in the amount of twenty percent (20%) of the total cost of construction and installation of the Public Improvements, to be held by the Town during the two-year warranty period. If the Public Improvements are not completed within the required time, the monies may be used to complete the improvements.

13. Nuisance Conditions. The Developer agrees to prevent the existence of any nuisances by way of its construction activities, as nuisances are defined by Title 6 of the Parker Municipal Code, and as referenced in Title 11 of the Parker Municipal Code. In the event the authorized inspector/designated Town authority determines that a nuisance exists, the Developer shall be subject to the provisions set forth in Parker Municipal Code Sections 11.12.040 and 11.12.050, regarding the abatement of nuisances and the cost assessed for the abatement thereof.

In addition to the provisions above, if the nuisance is not abated or an abatement plan is not submitted to the satisfaction of the Town, the Town may, upon thirty (30) days' notice under this Agreement, exercise the right to draw upon the performance guarantee specified in paragraph 12 of this Agreement. The Town may draw on the performance guarantee in order to pay the cost of abating the nuisance, including any expenses and penalties incurred under the Parker Municipal Code. The Town may exercise this right in addition to, or in lieu of, the withholding of permits and/or the withholding of certificates of occupancy. The right to draw on the performance guarantee shall be subject to the sole discretion of the Town, provided the Developer has received thirty (30) days' notice, as provided herein.

The Town Planning Department and the Department of Engineering/Public Works shall be authorized to cease processing any land use or permit applications submitted by the same developer for the property that is contained within the same Planned Unit Development, until the nuisance is abated. This shall include, but not be limited to, acceptance of applications, sending referrals, scheduling meetings or hearings, or conducting reviews of projects.

14. Homeowners' Association. A homeowners' association shall be created by the Developer under the laws of the State of Colorado or the Property shall be included in an existing homeowners' association, if possible. The homeowners' association must be lawfully established before any properties within the development are sold to third parties. The articles of incorporation shall be reviewed by the Town Attorney to insure that they have met the Town's requirements and the articles provide that the homeowners' association will maintain the private improvements, including, but not limited to, private streets, private parks, private open space, drainage facilities, landscaping and medians, as identified on the final plat and/or subject to a license agreement(s) entered into between the Developer and the Town, contemporaneously with this Agreement or prior to final acceptance of the Public Improvements, and to assume all responsibilities therefor as shown on the final plat and/or described in the license agreement(s), including sufficient funding to meet these responsibilities.

15. Indemnification. The Developer shall indemnify and hold harmless the Town, its officers, employees, agents or servants from any and all suits, actions and claims of every nature and description caused by, arising from or on account of any act or omission of the Developer, or of any other person or entity for whose act or omission the Developer is liable, with respect to construction of the Public Improvements; and the Developer shall pay any and all judgments rendered against the Town as the result of any suit, action or claim, together with all reasonable expenses and attorney fees incurred by the Town in defending any such suit, action or claim.

The Developer shall pay all property taxes on the Property dedicated to the Town, and shall indemnify and hold harmless the Town for any property tax liability.

The Developer shall require that all contractors and other employees engaged in construction of Public Improvements shall maintain adequate workers' compensation insurance and public liability coverage and shall faithfully comply with the provisions of the Federal Occupational Safety and Health Act.

16. Waiver of Defects. In executing this Agreement the Developer waives all objections it may have concerning defects, if any, in the formalities whereby it is executed, or concerning the power of the Town to impose conditions on the Developer, as set forth herein, and concerning the procedure, substance and form of the ordinances or resolutions adopting this Agreement.

17. Modifications. This Agreement shall not be amended, except by subsequent written agreement of the parties.

18. Release of Liability. It is expressly understood that the Town cannot be legally bound by the representations of any of its officers or agents or their designees, except in accordance with the Parker Municipal Code and the laws of the State of Colorado.

25. Force Majeure. Whenever the Developer is required to complete the construction, repair or replacement of Public Improvements by an agreed deadline, the Developer shall be entitled to an extension of time equal to a delay in completing the foregoing, due to unforeseeable causes beyond the control and without the fault or negligence of the Developer, including, but not limited to, acts of God, weather, fires and strikes.

26. Approvals. Whenever approval or acceptance of the Town is necessary, pursuant to any provision of this Agreement, the Town shall act reasonably and in a timely manner in responding to such request for approval or acceptance.

27. Assignment or Assignments. There shall be no transfer or assignment of any of the rights or obligations of the Developer under this Agreement, without the prior written approval of the Town. The Developer agrees to provide the Town with at least fourteen (14) days' advance written notice of the transfer or assignment of any of the rights and obligations of the Developer under this Agreement.

[Use 27. above if no assignment/assumption; use 27. below if assignment/assumption.]

27. Assignment or Assignments. There shall be no transfer or assignment of any of the rights or obligations of the Developer under this Agreement, without the prior written approval of the Town. The Developer agrees to provide the Town with at least fourteen (14) days' advance written notice of the transfer or assignment of any of the rights and obligations of the Developer under this Agreement. Notwithstanding the foregoing, the Town consents to the assignment of this Agreement to [REDACTED] (the "Assignee"), on the conditions that (a) the Assignee provides the Town with replacement letter of credit in a form and in an amount that is acceptable to the Town, on or before [REDACTED], 2017; (b) the Assignee is the owner of all of the Property contained within the [REDACTED] Plat, on or before [REDACTED], 2017; and (c) on or before [REDACTED], 2017, the Developer and Assignee execute and deliver to the Town the "Assignment and Assumption Agreement for [REDACTED] Subdivision Agreement," which is attached hereto as **Exhibit G** and incorporated by this reference.

28. Recording of Agreement. This Agreement shall be recorded in the real estate records of Douglas County and shall be a covenant running with the Property, in order to put prospective purchasers or other interested parties on notice as to the terms and provisions hereof.

29. Title and Authority. The Developer expressly warrants and represents to the Town that it is the record owner of the property constituting the Property and further represents and warrants, together with the undersigned individuals, that the undersigned individuals have full power and authority to enter into this Subdivision Agreement. The Developer and the undersigned individuals understand that the Town is relying on such representations and warranties in entering into this Agreement.

WHEREFORE, the parties hereto have executed this Agreement on the day and year first above written.

TOWN OF PARKER, COLORADO

By: _____
John Fussa, Community Development Director

By: _____
Tom Williams, Director of Engineering/Public Works

ATTEST:

Carol Baumgartner, Town Clerk

APPROVED AS TO FORM:

James S. Maloney, Town Attorney

DEVELOPER: [COMPANY NAME]

By: _____
_____ [Name, title]

STATE OF COLORADO)
)ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this ____ day of _____,
20__, by _____, as _____ of _____.

My commission expires: _____.

(SEAL)

Notary Public

EXHIBIT LIST

- Exhibit A Legal Description of the Property
- Exhibit B Copy of the Final Plat
- Exhibit C Estimated Cost of Public Improvements
- Exhibit D Form of Letter of Credit
- Exhibit E Estimated Cost of Streetscape Improvements
- Exhibit F Estimated Cost of Landscape Improvements
- Exhibit G Assignment and Assumption Agreement for
Subdivision Agreement