LAPOINTE MINOR SUBDIVISION 1050 OTTLEY AVENUE FRUITA, COLORADO

CONSTRUCTION PLANS

MAY 29, 2023

SHEET INDEX

OWNER: JASON LAPOINTE FUSE architecture + construction PO BOX 4525 BASALT, CO 81621 970.618.5831 japointe@fuseacs.com

ENGINEER: JOHN E KORNFELD, PE RHINO ENGINEERS LLC 399 SPANISH FIELDS DRIVE SPANISH FORK, UT 84660 702.377.8382 johnk@rhinoengineers.com

PROJECT TEAM

SURVEYOR: BILL MAURER, RLS AES LAND SERVICES GRAND JUNCTION, CO 81504 970.261.0356 bill.landservices@gmail.com

GEOTECHNICAL ENGINEERING
MIKE BERRY, PE
2789 RIVERSIDE PARKWAY
GRAND JUNCTION, CO 81501
970.255.8005
mberry@huddlestonberry.com

LANDSCAPE DESIGNER & LAND PLANNER BRYANT TEEFEY 2697 MAZATLAN GRAND JUNCTION, CO 81506 bteefey4@gmail.com

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SUPPLEMENTAL SHEETS

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RHINO ENGINEERS, LLC

399 SPANISH FIELDS DRIVE SPANISH FORK, UT 84660 (702) 377-8382 INFO@RHINOENGINEERS.COM WWW.RHINOENGINEERS.COM

UTILITY NOTIFICATION CENTER OF COLORADO

CALL 811

THREE WORKING DAYS BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES.

PREPARED BY JEK REVIEWED BY JEK

DATE 05-29-2023 SCALE NO SCALE

JOB NO. 1050 OTTLEY

COVER SHEET 1050 OTTLEY AVENUE FRUITA, COLORADO

John E Kornfeld, P.E. 399 Spanish Fields Drive Spanish Fork, UT 84660 (702) 377–8382 info@rhinoengineers.com www.rhinoengineers.com

SHEET

THE CITY OF FRUITA REVIEW CONSTITUTES GENERAL COMPUANCE WITH THE CITY'S DEVELOPMENT STANDARDS, SUBJECT TO THESE PLANS BEING SEALED, SIGNED, AND DATED BY THE PROFESSIONAL OF RECORD. REVIEW BY THE CITY DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE PRROFESSIONAL OF RECORD.

CONSTRUCTION MUST COMMENCE WITHIN ONE YEAR FROM THE DATE OF PLAN SIGNATURE.

CITY DEVELOPMENT ENGINEER	DATE
GRAND VALLEY DRAINAGE DISTRICT	DATE

REVIEWED BY JEK

DATE 05-29-2023 SCALE NO SCALE

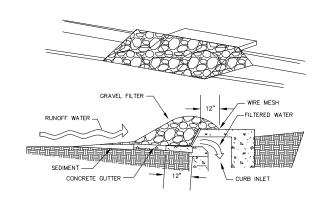
JOB NO. 1050 OTTLEY



SHEET

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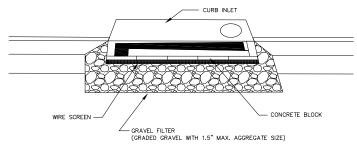


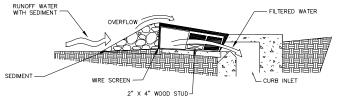
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

NOTE: ALTERNATE DESIGN COULD UTILIZE GRAVEL FILLED BAGS.

GRAVEL FILTER DETAILS



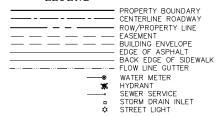


SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

NOTE: ALTERNATE DESIGN COULD UTILIZE GRAVEL FILLED BAGS.

LEGEND



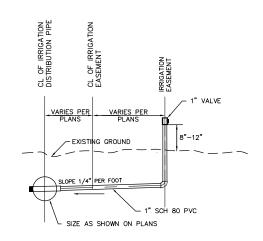
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DATE

CITY DEVELOPMENT ENGINEER

PROJECT BENCHMARK MCSM #19 NORTHEAST CORNER NE¼ NE¼ SECTION 17 T1N R2W U.M. N71186.23 E47251.74



IRRIGATION TAP DETAIL

12" SCARIFIED AND RECOMPACED NATIVE SOIL MATERIAL
SHARED DRIVEWAY STRUCTURAL SECTION

3" HOT MIX ASPHALT PAVEMENT

10" CDOT CLASS 6 BASE COURSE

SHARED DRIVEWAY

FINISH BITUMINOUS PAVEMENT 1/2" TO 1" ABOVE EDGE OF GUTTER

1/8"-

12" MIN. SUBGRADE RECONDITIONING —
SHALL INCLUDE REMOVAL, REPLACEMENT AND
COMPACT SOIL TO 95% OF HAXIMUM
DENSITY PER AASHTO T—99 OR PER
SUB—SECTION 202.07 OF THE CDOT
STANDARD SPECIFICATIONS.

PORTLAND CEMENT-CONCRETE (CLASS GV-B)

12" MIN. SUBGRADE RECONDITIONING — SHALL NCLUDE REMOVAL REPLACEMENT AND COMPACT SOIL TO BEST OF MANUAL DEPOSIT PER ASSISTED OF PER SUB-SECTION 203.07 OF THE CDD0 STREET SUB-SECTION 203

DEPARTMENT OF PUBLIC WORKS AND PLANNING ENGINEERING DIVISION CITY OF GRAND JUNCTION, COLORADO

* SEE PROJECT PLANS FOR PAVEMENT AND BASE COURSE TYPE AND THICKNESSES

CROSS SLOPE

COMPACT AGGREGATE BASE COURSE TO 95% OF MAXIMUM DENSITY PER AASHTO T-180 *

SHAPE SUBGRADE PARALLEL TO PAVEMENT CROSS—SLOPE

STANDARD CURB AND GUTTER

SHAPE SUBGRADE PARALLEL TO PAVEMENT CROSS-SLOPE

CURB WITH SPILL GUTTER
(FOR USE ON RAISED MEDIANS ONLY)

VERTICAL CURB AND GUTTER

STANDARD CONCRETE DETAIL

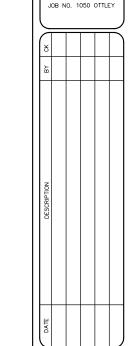
6" CONCRETE
4" ROADBASE
12" COMPACTED NATIVE

CONCRETE VEE PAN

LAPOINTE MINOR SUBDIVISION 1050 OTTLEY AVENUE FRUITA CO PARCEL # 2697-171-53-002 COMMÜNITY RESIDENTIAL 1.79 ACRES

UTILITY NOTIFICATION CENTER OF COLORADO

CALL 811
THREE WORKING DAYS BEFORE YOU DIG. GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES.



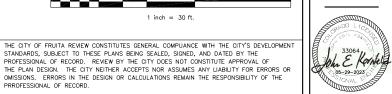
REVIEWED BY JEK

DATE 05-29-2023

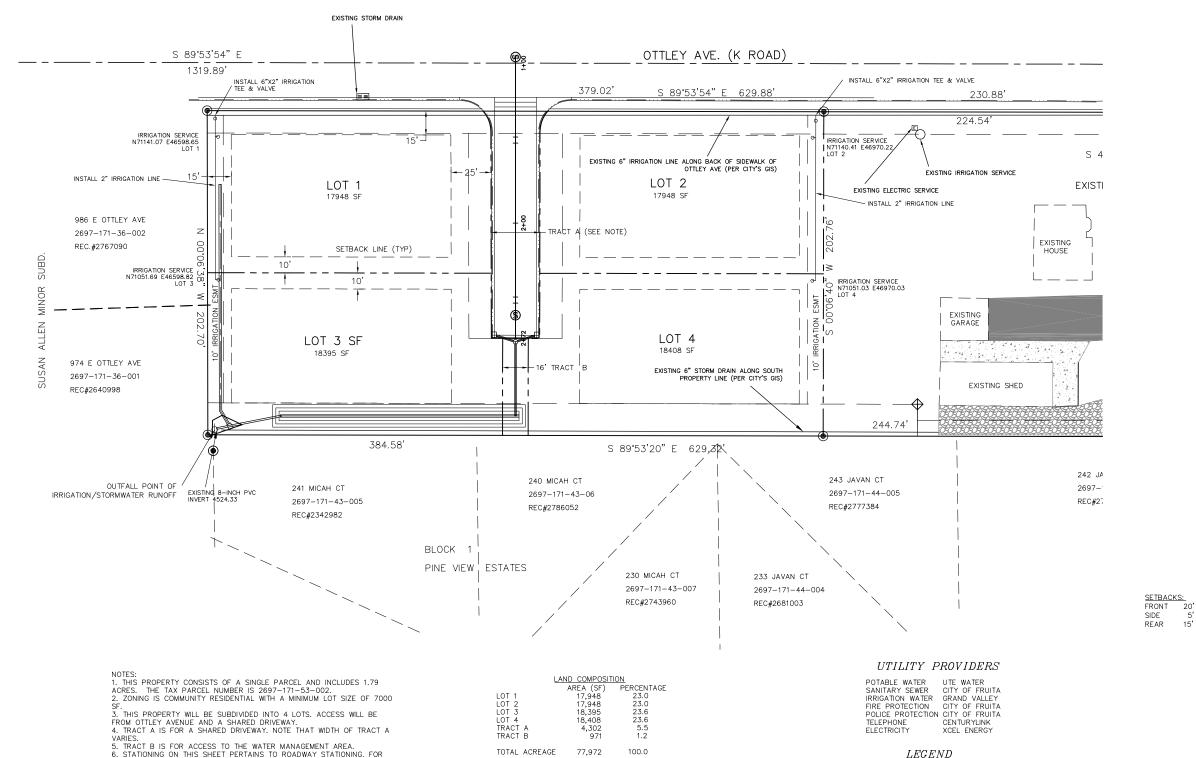
SCALE 1" = 30"

LEY AVENUE COLORADO <u>ر</u> SIT OT TA, 050 (FRUIT

John E Kornfeld, P.E. 399 Spanish Fields Drive Spanish Fork, UT 84660 (702) 377-8382 info@rhinoengineers.com www.rhinoengineers.com



SHEET 3



LEGEND

PROPERTY BOUNDARY
CENTERLINE ROADWAY ----- ROW/PROPERTY LINE → WATER METER

HYDRANT

SEWER SERVICE

CONSTRUCTION MUST COMMENCE WITHIN ONE YEAR FROM THE DATE OF PLAN SIGNATURE.

CITY DEVELOPMENT ENGINEER

PRROFESSIONAL OF RECORD

GRAPHIC SCALE (In Feet)

1 inch = 30 ft.

DATE

STORM DRAIN INLET STREET LIGHT

SANITARY SEWER, REFER TO THE SANITARY SEWER PLAN/PROFILE FOR SANITARY SEWER, REFER IO THE SANITARY SEWER FLANTINGUEL FOR STATIONING.
7. A HAMMERHEAD TURNAROUND IS NOT REQUIRED AS THE LENGTH OF THE SHARED DRIVEWAY IS LESS THAN 150 FEET.
8. THE SANITARY SEWER CONNECTION (TIE-IN) IS ON OTTLEY AVENUE.

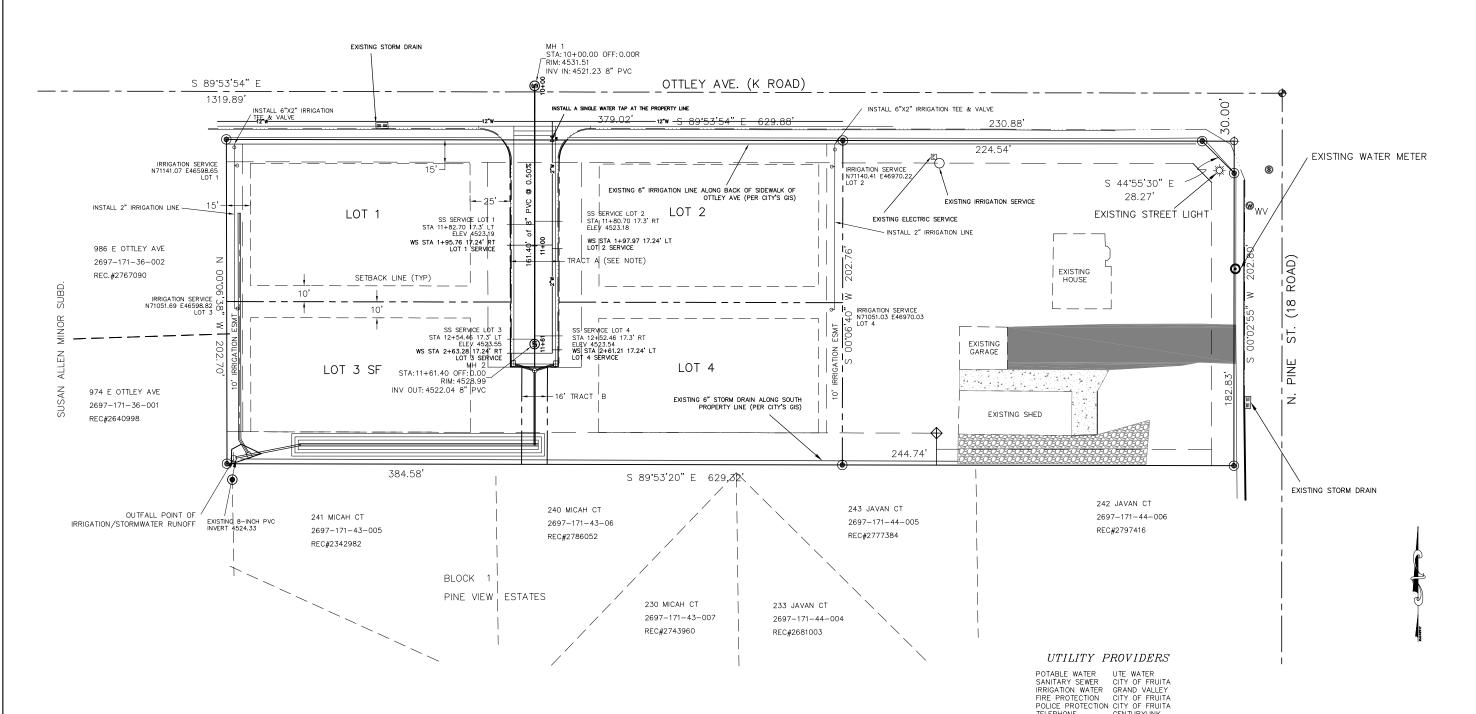
PROJECT BENCHMARK MCSM #19 NORTHEAST CORNER NE¼ NE½ SECTION 17 T1N R2W U.M. N71186.23 E47251.74

*TRACT A NOTE: WIDTH VARIES

ACREAGES SHOWN ARE APPROXIMATE.

UTILITY NOTIFICATION CENTER OF COLORADO

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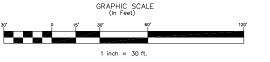
COMPOSITE PLAN NOTES:

1. THE SANITARY SEWER CONNECTON (TIE-IN) IS AT OTTLEY AVENUE.

2. ONE WATER SERVICE TAP WILL BE PROVIDED AT PROPERTY LINE WHICH WILL PROVIDE SRVICE TO EACH LOT.

3. DRY UTILITIES WILL BE PROVIDED TO EACH LOT.

PROJECT BENCHMARK
MCSM #19 NORTHEAST CORNER
NE¼ NE¼ SECTION 17 T1N R2W U.M.
N71186.23 E47251.74



CENTURYLINK XCEL ENERGY

THE CITY OF FRUITA REVIEW CONSTITUTES GENERAL COMPUANCE WITH THE CITY'S DEVELOPMENT STANDARDS, SUBJECT TO THESE PLANS BEING SEALED, SIGNED, AND DATED BY THE PROFESSIONAL OF RECORD. REVIEW BY THE CITY DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE PRROFESSIONAL OF RECORD.

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CITY DEVELOPMENT ENGINEER DATE

SHEET 4

Who E Korste

PREPARED BY JEK
REVIEWED BY JEK
DATE 05-29-2023
SCALE 1" = 30'

JOB NO. 1050 OTTLEY

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DESCRIPTION			
DATE			
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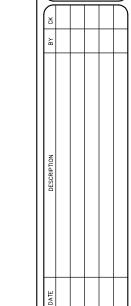
COMPOSITE PLAN 1050 OTTLEY AVENUE FRUITA, COLORADO

John E Kornfeld, P.E. 399 Spanish Fields Drive Spanish Fork, UT 84660 (702) 377–8382 info@rhinoengineers.com www.rhinoengineers.com

UTILITY NOTIFICATION CENTER OF COLORADO

CALL 811 THREE WORKING DAYS BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES. REVIEWED BY JEK DATE 05-29-2023 SCALE 1" = 30' JOB NO. 1050 OTTLEY

PREPARED BY JEK

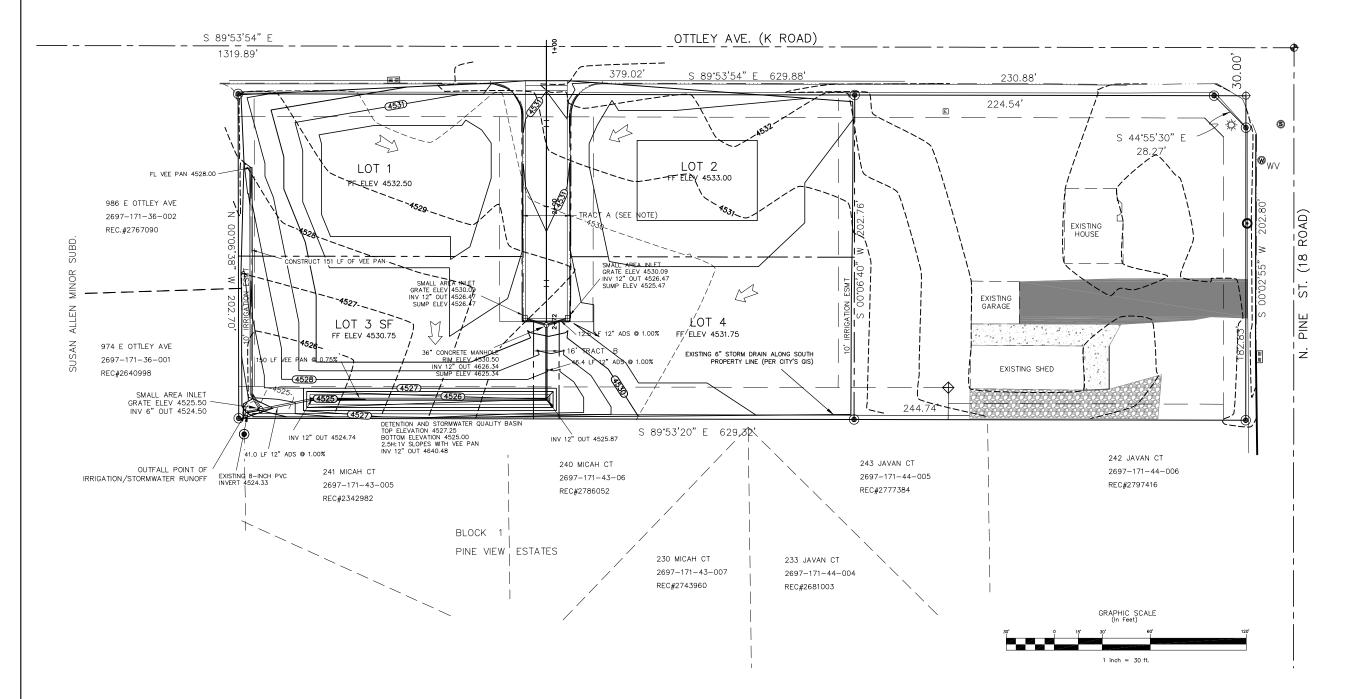


PLAN & DRAINAGE PL, TTLEY AVENUE A, COLORADO GRADING & D 1050 OTTL FRUITA, ,

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SHEET 5



GRADING & DRAINAGE NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF FRUITA SPECIFICATIONS AND STANDARD DRAWINGS.

2. WHERE COMPACTED FILL IS REQUIRED TO THE DRIVEWAY SUBGRAGE ELEVATION, ALL FILL SHALL BE COMPACTED TO 90% MAXIMUM DENSITY (T-180) PRIOR TO INSTALLATION OF UTILITIES.

3.IF UNSTABLE SOILS ARE ENCOUNTERED IN THE DRIVEWAY SECTION,
SUBGRADE STABILIZATION MAY BE NECESSARY.

4. ALL GRADING SHALL BE COMPACTED TO 95% MODIFIED DRY DENSITY.

PROJECT BENCHMARK
MCSM #19 NORTHEAST CORNER

THE CITY OF FRUITA REVIEW CONSTITUTES GENERAL COMPUANCE WITH THE CITY'S DEVELOPMENT THE CUTT OF TROUTH REVIEW CONSTITUTES GENERAL COMPANCE WITH THE CUTTS DEVELOPMENT STANDARDS, SUBJECT TO THESE PLANS BEING SEALED, SIGNED, AND DATED BY THE PROFESSIONAL OF RECORD. REVIEW BY THE CITY DOES NOT CONSTITUTE APPROVAL OF THE PLAN DESIGN. THE CITY NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. ERRORS IN THE DESIGN OR CALCULATIONS REMAIN THE RESPONSIBILITY OF THE

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CITY DEVELOPMENT ENGINEER DATE GRAND VALLEY DRAINAGE DISTRICT DATE

UTILITY NOTIFICATION CENTER OF COLORADO CALL 811

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CITY DEVELOPMENT ENGINEER DATE GRAND VALLEY DRAINAGE DISTRICT DATE SHARED DRIVEWAY PLAN/PROFILE 1050 OTTLEY AVENUE FRUITA, COLORADO

PREPARED BY JEK

REVIEWED BY JEK

DATE 05-29-2023

JOB NO. 1050 OTTLEY

SCALE 1" = 20'

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SHEET 6

PROJECT BENCHMARK MCSM #19 NORTHEAST CORNER NE¼ NE¼ SECTION 17 T1N R2W U.M. N71186.23 E47251.74

GRADE BREAK STA = 1+24.42_ ELEV = 4530.860

4532

4528

4526

4531.51

1+00

GRADE BREAK STA = 1+21.42 ELEV = 4530 990

GRADE BREAK STA = 1+00.00_ ELEV = 4531.490

SHARED DRIVEWAY CL PROFILE

4529.96 4531.039

GRADE BREAK STA = 1+27.42

GRADE BREAK STA = 1+40.00 ELEV = 4531.500

GRADE BREAK STA = 2+70.04 ELEV = 4530.500

GRADE BREAK STA = 2+72.04 / ELEV = 4530.850

GRADE BREAK STA = 2+71.54 ELEV = 4530.350

-100.00%

4532

4528

4526