

LEGEND

|           |                                  |     |                  |
|-----------|----------------------------------|-----|------------------|
| X[100.00] | EXISTING SPOT ELEVATION          | LP  | LOW-POINT        |
| X(100.00) | PROPOSED SPOT ELEVATION          | FL  | FLOWLINE         |
| [P]       | EXISTING UG POWER BOX            | TBC | TOP BACK OF CURB |
| [T]       | EXISTING TELEPHONE BOX           | SW  | SIDEWALK         |
| [U]       | EXISTING UTILITY BOX             | FF  | FINISH FLOOR     |
| [S]       | EXISTING SANITARY SEWER MANHOLE  | LS  | LANDSCAPE        |
| [S]       | EXISTING STORM SEWER MANHOLE     | TOW | TOP OF WALL      |
| [S]       | EXISTING SANITARY SEWER CLEANOUT | EP  | EDGE OF PAVEMENT |
| [S]       | EXISTING FIRE HYDRANT            | BOW | BOTTOM OF WALL   |
| [S]       | EXISTING WATER VALVE             |     |                  |
| [S]       | EXISTING CURB STOP               |     |                  |
| [S]       | EXISTING POWER POLE              |     |                  |
| [S]       | EXISTING LIGHT POLE              |     |                  |
| [S]       | EXISTING WATER WELL              |     |                  |
| [S]       | PROPOSED SANITARY SEWER MANHOLE  |     |                  |
| [S]       | PROPOSED STORM SEWER MANHOLE     |     |                  |
| [S]       | PROPOSED STORM SEWER INLET       |     |                  |
| [S]       | PROPOSED SANITARY SEWER CLEANOUT |     |                  |
| [S]       | PROPOSED FIRE HYDRANT            |     |                  |
| [S]       | PROPOSED WATER VALVE             |     |                  |
| [S]       | PROPOSED CURB STOP               |     |                  |
| [S]       | PROPOSED LIGHT POLE              |     |                  |
| [S]       | PROPOSED WATER WELL              |     |                  |
| [S]       | TRAFFIC FLOW                     |     |                  |

|         |                                       |
|---------|---------------------------------------|
| ---     | PROPERTY BOUNDARY LINE                |
| ---     | SURROUNDING PROPERTY LINE             |
| ---     | SETBACK LINE                          |
| ---     | EASEMENT LINE                         |
| -X-X-X- | EXISTING FENCE                        |
| OHE     | EXISTING OVERHEAD ELECTRIC LINE       |
| UGE     | EXISTING UNDERGROUND ELECTRIC LINE    |
| GAS     | EXISTING GAS LINE                     |
| UGT     | EXISTING UNDERGROUND PHONE LINE       |
| W       | EXISTING WATER MAIN                   |
| SS      | EXISTING SANITARY SEWER MAIN          |
| ST      | EXISTING STORM SEWER                  |
| 8"W     | PROPOSED 8" WATER MAIN                |
| 8"SS    | PROPOSED 8" SANITARY SEWER MAIN       |
| ST      | PROPOSED STORM SEWER                  |
| UGE     | PROPOSED UNDERGROUND ELECTRIC LINE    |
| GAS     | PROPOSED GAS LINE                     |
| UGT     | PROPOSED UNDERGROUND PHONE LINE       |
| ---     | PROPOSED SWALE/RETENTION POND CONTOUR |
| ---     | PROPOSED CURB AND GUTTER              |

BENCHMARK

TOP OF SPIKE NAIL (C&H CP. 50)  
ELEVATION = 4,066.13 FEET (NAVD88)

LEGAL DESCRIPTION

LOTS 1 AND 2, BLOCK 4, NORTHWEST TOWNSITE COMPANY'S FIRST ADDITION TO THREE FORKS, LOCATED IN SE 1/4 OF SECTION 25, T. 2N., R. 1E. OF P.M.M., CITY OF THREE FORKS, MONTANA

SPECIFICATIONS

ALL CONSTRUCTION SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS WHICH ARE HEREBY INCORPORATED BY REFERENCE:  
1. MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, SIXTH EDITION (APRIL 2010)

OWNER

KENNETH K. GIBSON & BARRET L. SNYDER  
8472 WAGON BOSS' ROAD  
BOZEMAN, MT 59715

DEVELOPMENT ADDRESS

623 A,B&C E. NEAL STREET, THREE FORKS, MT 59752

SITE DATA

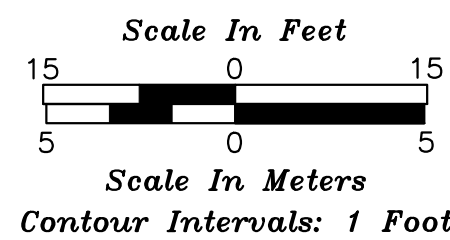
EXISTING ZONING: CITY OF THREE FORKS - RESIDENTIAL  
PROPOSED USE: RESIDENTIAL  
BUILDING SETBACKS: FRONTAGE 15'  
SIDE 10'  
REAR 15'

GENERAL NOTES

- NO CHANGE OR MODIFICATION OF THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER AND OWNER.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL BURIED UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE ENGINEER AND THE OWNER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- TRENCH BACKFILL SHALL BE TYPE A FOR ALL AREAS TO BE PAVED.
- SITE WORK TO BE PERFORMED ACCORDING TO THE RECOMMENDATIONS OUTLINED IN THE "GEOTECHNICAL INVESTIGATION REPORT".
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE PROJECT MEETS ALL OSHA REQUIREMENTS AND THAT THE SITE MEETS ALL APPLICABLE SAFETY REQUIREMENTS FOR HIS EMPLOYEES AND ANY SITE INSPECTION WORK PERFORMED BY THE ENGINEER.
- PROPOSED GAS, ELECTRICAL AND COMMUNICATION LINE LOCATIONS ARE APPROXIMATE. FINAL SERVICE LINE LOCATIONS ARE TO BE COORDINATED WITH SERVICE PROVIDER AT THE TIME OF APPLICATION FOR SERVICE.

GENERAL NOTES - SITE GRADING & DRAINAGE PLAN

- ALL SPOT ELEVATIONS ON CURBS ARE FLOWLINE UNLESS OTHERWISE INDICATED. ADD 0.45 FT FOR TOP BACK OF CURB ELEVATION.
- ALL CURB & GUTTER IS CATCH CURB UNLESS OTHERWISE INDICATED. CURB & GUTTER ON LANDSCAPE ISLANDS IS LEVEL CURB.
- FINISHED GRADE MUST SLOPE AWAY FROM ALL BUILDINGS AT A MINIMUM 5% GRADE FOR 10 FT (2% GRADE AWAY FOR HARDSCAPED AREAS). GRADE AT BUILDING SHALL BE MINIMUM 0.5 FT BELOW TOP OF FOUNDATION WALL IN LANDSCAPED AREAS.
- ELEVATION OF ALL CONCRETE WALKS AT BUILDING DOORS TO BE WITHIN 1/4" OF FINISH FLOOR ELEVATIONS.
- RETENTION PONDS SHALL BE 1.5-FT DEEP W/ 4H:1V EMBANKMENT SLOPES.
- CURB CUTS SHALL BE 2.5-FT WIDE AND SLOPED TO DRAIN TO SWALES.



PRELIMINARY - NOT  
FOR CONSTRUCTION

Sheet 1 of 1



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REVISION:  
06/09/2020

ENGINEER:  
PAC  
JANUARY 2021

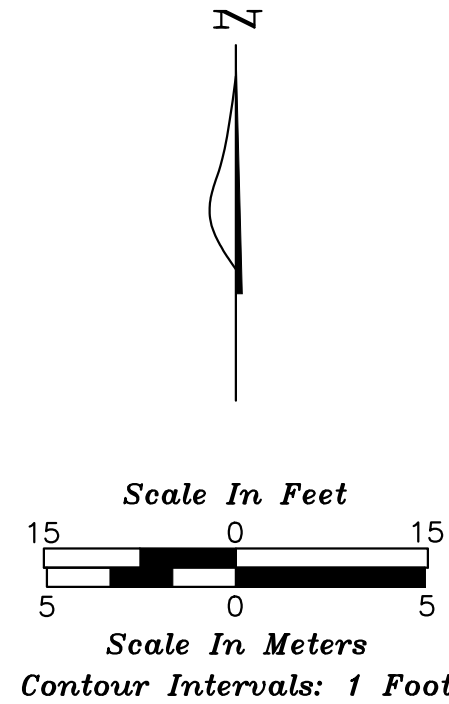
SITE GRADING AND  
DRAINAGE PLAN

KENNY GIBSON  
LOTS 1 AND 2, BLOCK 4  
NORTHWEST TOWNSITE, COMPANY'S FIRST  
ADDITION TO THREE FORKS  
CITY OF THREE FORKS, MONTANA

Drawing Date: 2/23/2022

C1.0





### LEGEND

- (R) RECORD DISTANCE OR AZIMUTH  
(M) MEASURED DISTANCE OR AZIMUTH  
● FOUND 5/8" INCH REBAR WITH YELLOW PLASTIC CAP (SCHAUBER 5430S) OR AS NOTED  
CP #1 BENCHMARK/CONTROL POINT  
x<sup>[100.00]</sup> EXISTING SPOT ELEVATION  
⊕ EXISTING STORM SEWER MANHOLE  
⊕ EXISTING FIRE HYDRANT  
⊕ EXISTING WATER VALVE  
⊕ EXISTING POWER POLE  
⊕ EXISTING TREE

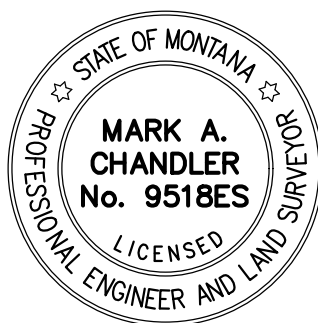
- PROPERTY BOUNDARY LINE  
- - - SURROUNDING PROPERTY LINE  
- x - x - EXISTING FENCE  
- OHT - EXISTING OVERHEAD PHONE LINE  
BASIS FOR AZIMUTHS FROM NORTH: GPS OBSERVATIONS ON MODIFIED STATE PLANE GRID.  
[N45°00'00"E] BEARING COMPUTED FROM AZIMUTH SHOWN

### FLOOD NOTES

- 1.) TOPOGRAPHIC CONTOURS SHOWN ARE BASED ON THE C&H TOPOGRAPHIC MAP DATED 02.23.2022.  
2.) THE BASE FLOOD ELEVATIONS SHOWN ARE BASED ON THE FEMA FLOODPLAIN MAP #30031C0293D WITH EFFECTIVE DATE 9/2/2011.

### FLOOD DEPTH LEGEND

- FLOOD DEPTH = 0'-0.5'  
FLOOD DEPTH = 0.5'-1.0'  
FLOOD DEPTH = 1.0'-1.5'  
FLOOD DEPTH = 1.5'-2.0'  
FLOOD DEPTH = 2.0'-2.5'  
FLOOD DEPTH = 2.5'-3.0'  
FLOOD DEPTH = 3.0'-3.5'  
FLOOD DEPTH = 3.5'-4.0'



I hereby certify that this floodplain delineation exhibit was prepared under my direct supervision and that I am a duly licensed professional engineer and land surveyor under the laws of the State of Montana.

Dated This \_\_\_\_ Day Of \_\_\_\_\_, 2022.

Mark A. Chandler, License No. 9518-ES

### NOTES:

A property boundary survey was not done at this time. Additional field work would be required for exact property boundary location.

At the time this survey was conducted, the site was covered by snow accumulation. This drawing may not show features that were missed due to snow cover.



1 FLOODPLAIN DELINEATION EXHIBIT  
FP1 SCALE: 1"=15'

Sheet 1 of 1



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REVISION:  
02/23/2022

SURVEYOR:  
KAC  
2/23/22

FLOODPLAIN  
DELINEATION EXHIBIT

KENNEY GIBSON  
LOTS 1 AND 2, BLOCK 4  
NORTHWEST TOWNSITE, COMPANY'S FIRST  
ADDITION TO THREE FORKS  
CITY OF THREE FORKS, MONTANA

Drawing Date: 2/23/2022

FP1

#211485