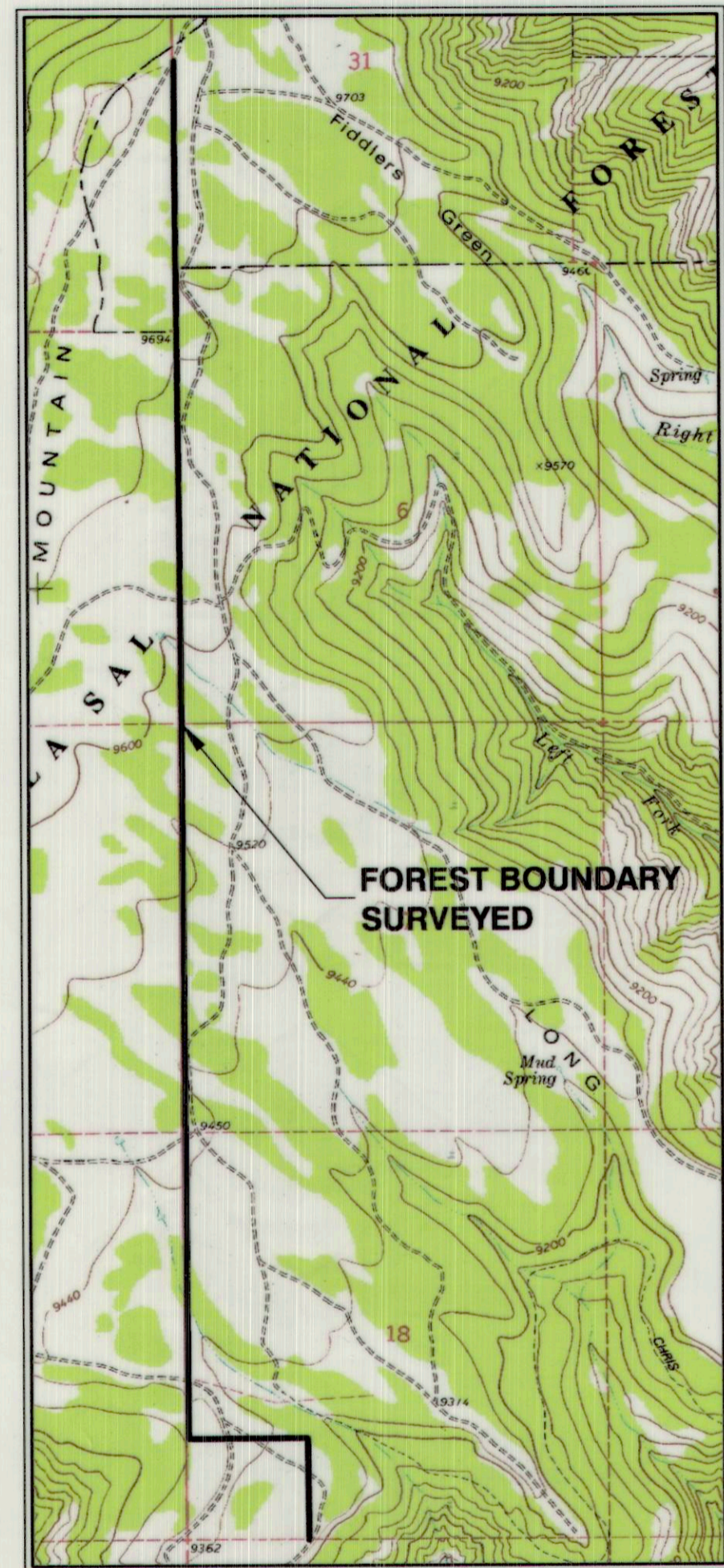


# TOWNSHIP 16 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN DEPENDENT RESURVEY OF WEST RANGE LINE AND SUBDIVISION OF SECTION 18

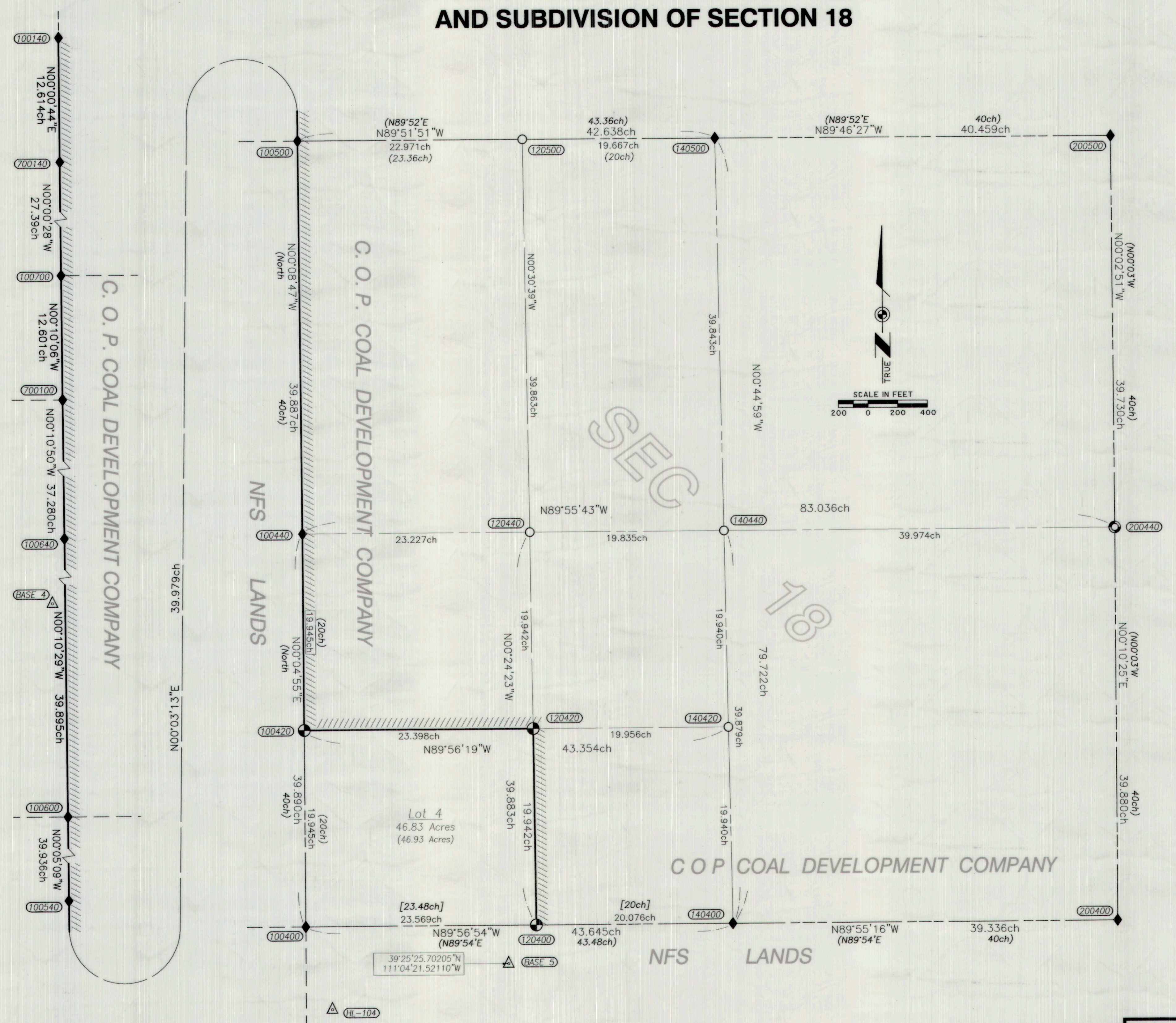
Ent 856956, Blk 1004, Pg 145  
Date: 25-AUG-2021 11:30:03PM  
Fee: None/11d By: KW  
KARLA MEDLEY, Recorder  
CARBON COUNTY CORPORATION  
FOR: US FOREST SERVICE



PROJECT VICINITY MAP  
SCALE: 1"=2000'

GCDB COORDINATE TABLE

GCDB ID	LATITUDE	LONGITUDE
100140	39°28'36.9932"N	111°04'39.2041"W
100400	39°25'28.2582"N	111°04'38.9145"W
100420	39°25'41.2624"N	111°04'38.8905"W
100440	39°25'54.2665"N	111°04'38.8666"W
100500	39°26'20.2729"N	111°04'38.9523"W
100540	39°26'46.3391"N	111°04'38.9208"W
100600	39°27'12.3776"N	111°04'38.9711"W
100640	39°27'37.9847"N	111°04'39.0758"W
100700	39°28'10.9116"N	111°04'39.2033"W
120400	39°25'28.2443"N	111°04'19.1003"W
120420	39°25'41.2460"N	111°04'19.2192"W
120440	39°25'54.2476"N	111°04'19.3382"W
120500	39°26'20.2374"N	111°04'19.6369"W
140400	39°25'28.2325"N	111°04'02.2228"W
140420	39°25'41.2320"N	111°04'02.4422"W
140440	39°25'54.2315"N	111°04'02.6615"W
140500	39°26'20.2070"N	111°04'03.0998"W
200400	39°25'28.1972"N	111°03'29.1542"W
200440	39°25'54.1991"N	111°03'29.0526"W
200500	39°26'20.1031"N	111°03'29.0802"W
700100	39°28'02.6956"N	111°04'39.1721"W
700140	39°28'28.7689"N	111°04'39.2064"W
HL-104	39°25'22.7655"N	111°04'36.7057"W
BASE 4	39°27'26.50068"N	111°04'40.12252"W
BASE 5	39°25'25.70205"N	111°04'21.52110"W
BASE 6	39°25'58.37762"N	111°03'18.93518"W



### PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY IS TO LOCATE, MONUMENT, MARK AND POST THE BOUNDARIES OF THE MANTI-LA SAL NATIONAL FOREST WITHIN SECTION 18, TOWNSHIP 16 NORTH, RANGE 8 EAST, SALT LAKE MERIDIAN.

### GEOSPATIAL AND COORDINATE DATA

**BASIS OF BEARINGS**  
THE NORTH AMERICAN DATUM 1983 GEOGRAPHIC POSITIONS OF ALL CORNERS WERE DERIVED FROM A NATIONAL GEODETIC SURVEY'S ONLINE POSITIONING USER SERVICE (OPUS) AT "BASE 10" BEING:  
LAT: 39°27'26.50068"N, LON: 111°04'40.12252"W, (REF FRAME NAD\_83, 2011-EPOCH 2010.0000), USING BASE STATIONS "MC06" (PID DL3522), "PUC2" (PID DP9024) AND "MC04" (PID DH6916), AND WERE CARRIED FORWARD VIA RTK OBSERVATIONS. THE MEAN GEODETIC BEARINGS OF LINES AND HORIZONTAL EQUIVALENTS OF GROUND DISTANCES (CHAINS) ARE SHOWN HEREON.

### SURVEYOR'S CERTIFICATE

I, DAVID F. HANRION, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF UTAH, CERTIFY THAT:

- THIS PLAT CORRECTLY REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY SUPERVISION AT THE INSTANCE OF THE U.S. DEPARTMENT OF AGRICULTURE, FOREST SERVICE, MANTI-LA SAL NATIONAL FOREST.
- THE LANDS SURVEYED LIE WITHIN SECTION 18, TOWNSHIP 16 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, AND THE SURVEY WAS COMPLETED ON SEPTEMBER 29, 2020.
- THE MONUMENTS DEPICTED ON THE PLAT ARE OF THE CHARACTER SHOWN, OCCUPY THE POSITIONS INDICATED AND ARE OF SUFFICIENT DURABILITY.

DAVID F. HANRION  
 UTAH CERTIFICATE NO. 289581

### LEGEND

- ◆ FOUND GLO MONUMENT (AS NOTED)
- SET STANDARD USDA FOREST SERVICE MONUMENT
- REMONUMENTED WITH STANDARD USDA FOREST SERVICE MONUMENT
- ▲ SURVEY CONTROL POINT (AS NOTED)
- 200100 GCDB NUMBER (SEE COORDINATE TABLE & MONUMENT DETAILS)
- (...) PARENTHETICAL LETTERING REFERS TO SURVEY REFERENCES
- CALCULATED POINT (NOTHING SET)
- ===== USDA FOREST SERVICE BOUNDARY (POSTED THIS SURVEY)
- SECTION LINE
- QUARTER SECTION LINE
- SIXTEENTH SECTION LINE
- NOT SURVEYED

### LIST OF ABBREVIATIONS

AL	ALUMINUM	NAD83	NORTH AMERICAN DATUM 1983
BLM	BUREAU OF LAND MANAGEMENT	NFS	NATIONAL FOREST SYSTEM
BT	BEARING TREE	PLS	PROFESSIONAL LAND SURVEYOR
COR	CORNER	R	RANGE
DEPT	DEPARTMENT	RTK	REAL TIME KINEMATIC
DIA	DIAMETER	S	SOUTH
DIST	DISTANCE	SLM	SALT LAKE MERIDIAN
E	EAST	Sxx	SECTION (NO) (TYPICAL)
GCDB	GEOGRAPHIC COORDINATE DATA BASE	T	TOWNSHIP
GLO	GENERAL LAND OFFICE	US	UNITED STATES
ID	IDENTIFICATION	USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
LOT	LOT	UT	UTAH (OR "U" ON MON CAP STAMPING)
LS	LAND SURVEYOR	W	WEST
MON	MONUMENT	±	PLUS OR MINUS; APPROXIMATE
MSL	MANTI-LA SAL	+	CROSS
N	NORTH		

### HISTORY OF SURVEYS AND REFERENCES

- (R1) J.C. DICK, U.S. G.L.O. DEPUTY SURVEYOR, SURVEYED WEST BOUNDARY AND SUBDIVISION OF TOWNSHIP 16 SOUTH, RANGE 8 EAST, IN MAY 1899; SURVEY APPROVED NOVEMBER 1901.
- (R2) H.W. MILLER AND E. BIRD, BLM CADASTRAL SURVEYORS, DEPENDENT RESURVEY OF SECTION 8, TOWNSHIP 16 SOUTH, RANGE 8 EAST, IN NOVEMBER 1931; SURVEY APPROVED 1940.
- (R3) J.L. THOMAS, BLM CADASTRAL SURVEYOR, DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS OF TOWNSHIP 16 SOUTH, RANGE 7 EAST IN SEPTEMBER 1978; SURVEY APPROVED MARCH 1981.

### RECORD OF SURVEY

TOWNSHIP 16 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN  
DEPENDENT RESURVEY OF WEST RANGE  
AND SUBDIVISION OF SECTION 18

PRICE RANGER DISTRICT EMERY COUNTY STATE OF UTAH

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE - REGION 4  
MANTI-LA SAL NATIONAL FOREST  
599 WEST PRICE RIVER DRIVE, PRICE, UTAH 84501  
435.637.2817 · 435.637.4940 FAX · www.fs.usda.gov/mantilasal

SURVEYED BY: OBJS/TBMR	ZONE LEAD CHECK: DFH	DRAWN BY: HANRION
SURVEY DATE: 6/20 TO 9/20		CHECKED BY: (name)
APPROVED BY: <i>Ban Hill</i>		DATE: AUGUST 2021
FOREST SUPERVISOR		1 SHEET OF 2

0126-116500906-56-718-202001-MAN(H)wsth