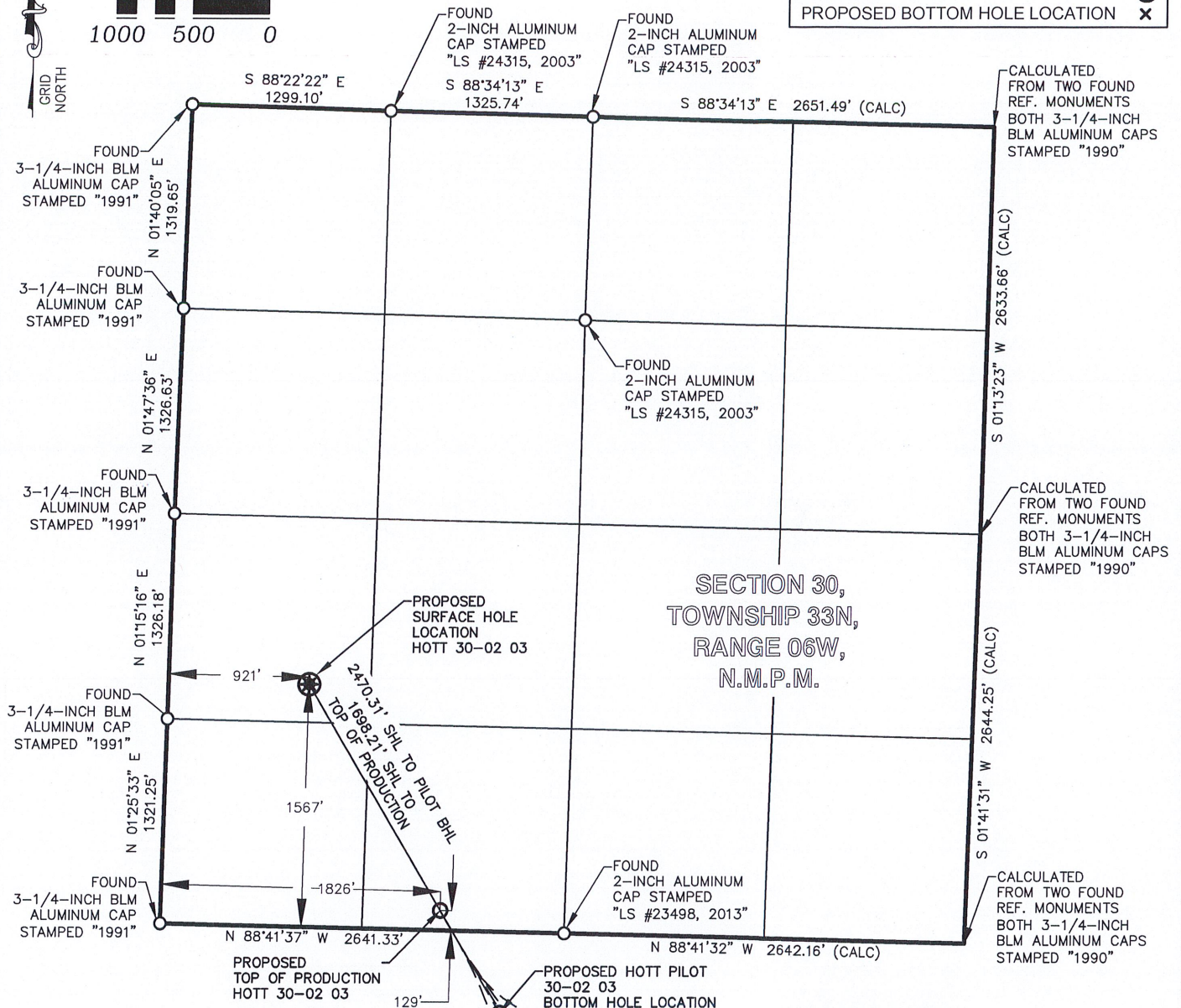


1" = 1000'

1000 500 0

LEGEND

FOUND MONUMENT ○
 PROPOSED SURFACE HOLE LOCATION ●
 PROPOSED BOTTOM HOLE LOCATION x

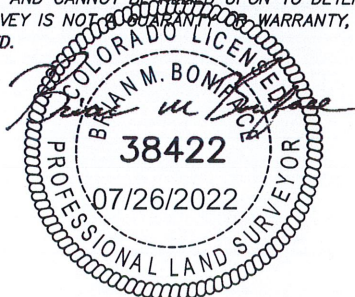


SURVEY NOTES

1. BEARING BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983, COLORADO STATE PLANE COORDINATE SYSTEM, COLORADO SOUTH, ZONE 0503.
2. ELEVATION BASIS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A).
3. SURVEYED IN THE FIELD ON 04/28/2022.
4. BEARINGS AND DISTANCE SHOWN ARE MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES SHOWN ARE GRID USING A COMBINED SCALE FACTOR 0.99972724.
6. GPS INSTRUMENT OPERATOR: DEREK STODDARD
7. GPS PDOP VALUE: 1.399

SURVEYOR'S CERTIFICATE

I, BRIAN M. BONIFACE, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM AN ACTUAL SURVEY PERFORMED BY ME OR UNDER MY DIRECT RESPONSIBILITY, SUPERVISION AND CHECKING, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF BASED ON THE STANDARDS OF CARE OF PROFESSIONAL LAND SURVEYORS PRACTICING IN THE STATE OF COLORADO. THIS DOES NOT REPRESENT A LAND SURVEY PLAT, IMPROVEMENT SURVEY PLAT, OR MONUMENTED LAND SURVEY AS DEFINED BY COLORADO REVISED STATUTES 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP. THIS SURVEY IS NOT A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.



GOFF
 ENGINEERING + SURVEYING INC
 126 ROCK POINT DRIVE
 PO BOX 97
 DURANGO, COLORADO 81302
 970.247.1705

IKAV
 HOTT 30-02 3
 WELL LOCATION PLAT

SHEET
 1
 OF
 3

SECTION 30 & 31, T.33N, R.6W, N.M.P.M.
 PREPARED BY: RA CHECKED BY: BB
 PROJECT NO. 22-071 SCALE: AS SHOWN DATE: 7/26/22

Goff Engineering & Surveying, Inc. expressly reserves the common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever not are they to be assigned to any third party without first obtaining written permission and consent of Goff Engineering & Surveying, Inc. ©

1" = 1000'

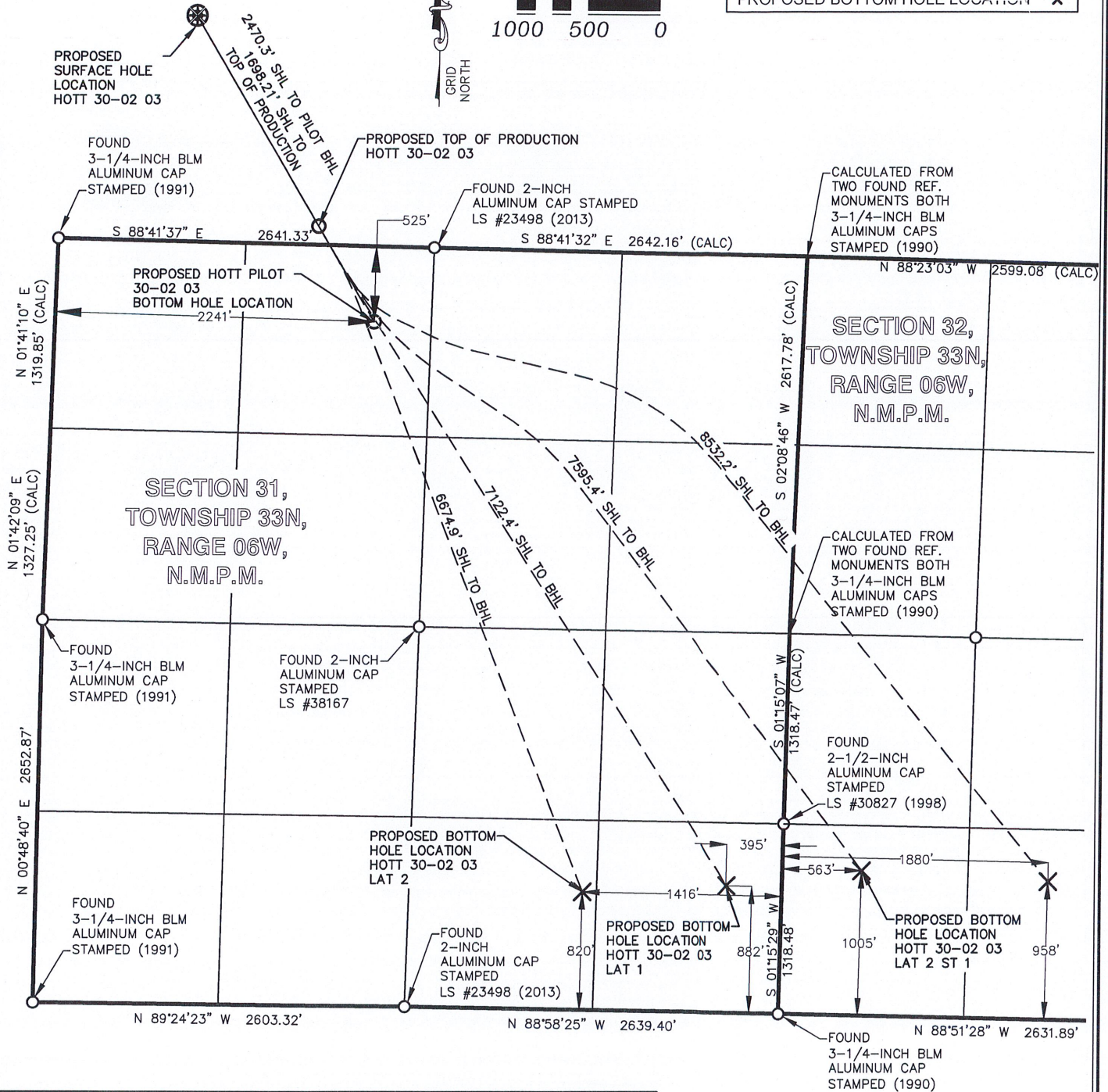
1000 500 0

LEGEND

FOUND MONUMENT ○

PROPOSED SURFACE HOLE LOCATION ●

PROPOSED BOTTOM HOLE LOCATION ×



HOTT 30-02 03	CSZ NAD'83	NAD'83	TIES	ELEVATION
PROPOSED SURFACE HOLE LOCATION (SHL)	N (Y) = 1,154,154.880' E (X) = 2,402,602.622'	LAT. = 37.0720424°N LON. = 107.5476835°W	FSL = 1567' FWL = 921'	EXISTING GROUND 6469.92'
PROPOSED TOP OF PRODUCTION	N (Y) = 1,152,696.673' E (X) = 2,403,472.978'	LAT. = 37.0680917°N LON. = 107.544597°W	FSL = 129' FWL = 1826'	PROPOSED GRADE 6469.92'
PROPOSED PILOT BOTTOM HOLE LOCATION	N (Y) = 1,152,033.690' E (X) = 2,403,868.690'	LAT. = 37.0662944°N LON. = 107.5431861°W	FNL = 525' FWL = 2241'	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1	N (Y) = 1,148,125.850' E (X) = 2,406,394.590'	LAT. = 37.0557167°N LON. = 107.5342389°W	FSL = 882' FEL = 395'	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 1 ST 1	N (Y) = 1,148,157.420' E (X) = 2,408,671.330'	LAT. = 37.0559389°N LON. = 107.5264417°W	FSL = 958' FWL = 1880'	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2	N (Y) = 1,148,081.740' E (X) = 2,405,372.330'	LAT. = 37.0555333°N LON. = 107.5377389°W	FSL = 820' FEL = 1416'	
PROPOSED BOTTOM HOLE LOCATION (BHL) LAT 2 ST 1	N (Y) = 1,148,230.570' E (X) = 2,407,355.750'	LAT. = 37.0560611°N LON. = 107.5309556°W	FSL = 1005' FWL = 563'	

GOFF

ENGINEERING + SURVEYING INC

126 ROCK POINT DRIVE
PO BOX 97
DURANGO, COLORADO 81302
970.247.1705

IKAV
HOTT 30-02 3
WELL LOCATION PLAT

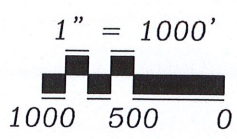
SHEET
2
OF
3

SECTION 30 & 31, T.33N, R.6W, N.M.P.M.

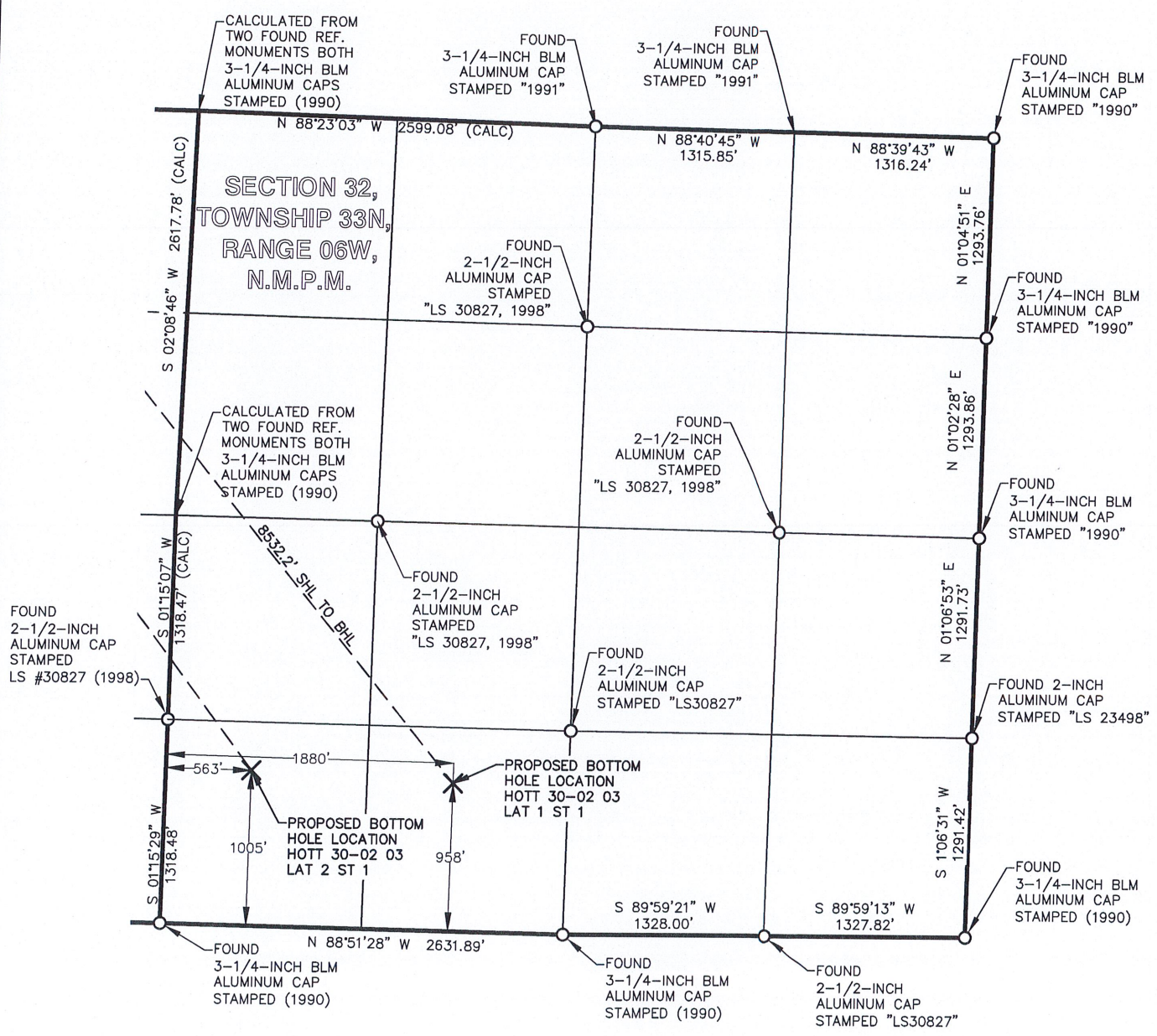
PREPARED BY: RA CHECKED BY: BB

PROJECT NO. 22-071 SCALE: AS SHOWN DATE: 7/26/22

Goff Engineering & Surveying, Inc. expressly reserves the common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever nor are they to be assigned to any third party without first obtaining written permission and consent of Goff Engineering & Surveying, Inc. ©



LEGEND
FOUND MONUMENT ○
PROPOSED SURFACE HOLE LOCATION ⊗
PROPOSED BOTTOM HOLE LOCATION ✕



GOFF ENGINEERING + SURVEYING INC. 126 ROCK POINT DRIVE PO BOX 97 DURANGO, COLORADO 81302 970.247.1705	IKAV HOTT 30-02 3 WELL LOCATION PLAT		SHEET 3 OF 3
	SECTION 30 & 31, T.33N, R.6W, N.M.P.M.		
	PREPARED BY: RA	CHECKED BY: BB	
	PROJECT NO. 22-071	SCALE: AS SHOWN DATE: 7/26/22	

Goff Engineering & Surveying, Inc. expressly reserves the common law copyright and other property rights in these plans. These plans are not to be changed or copied in any form or manner whatsoever nor are they to be assigned to any third party without first obtaining written permission and consent of Goff Engineering & Surveying, Inc. ©