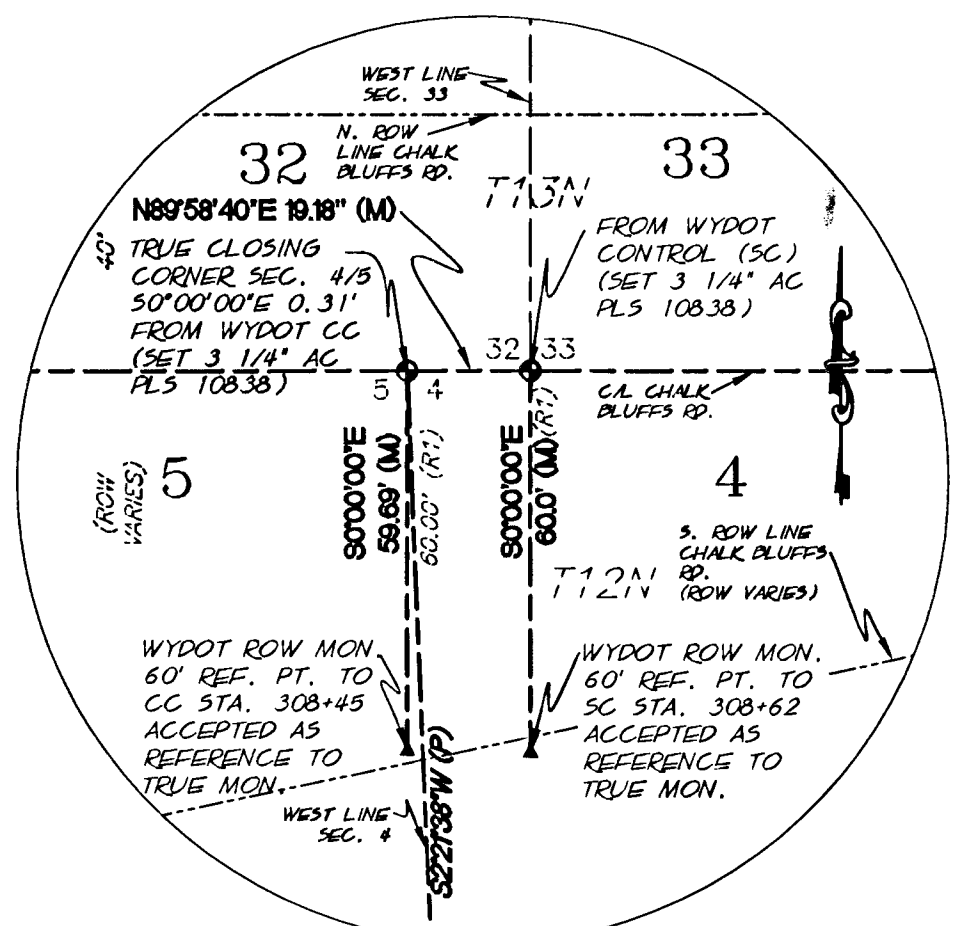
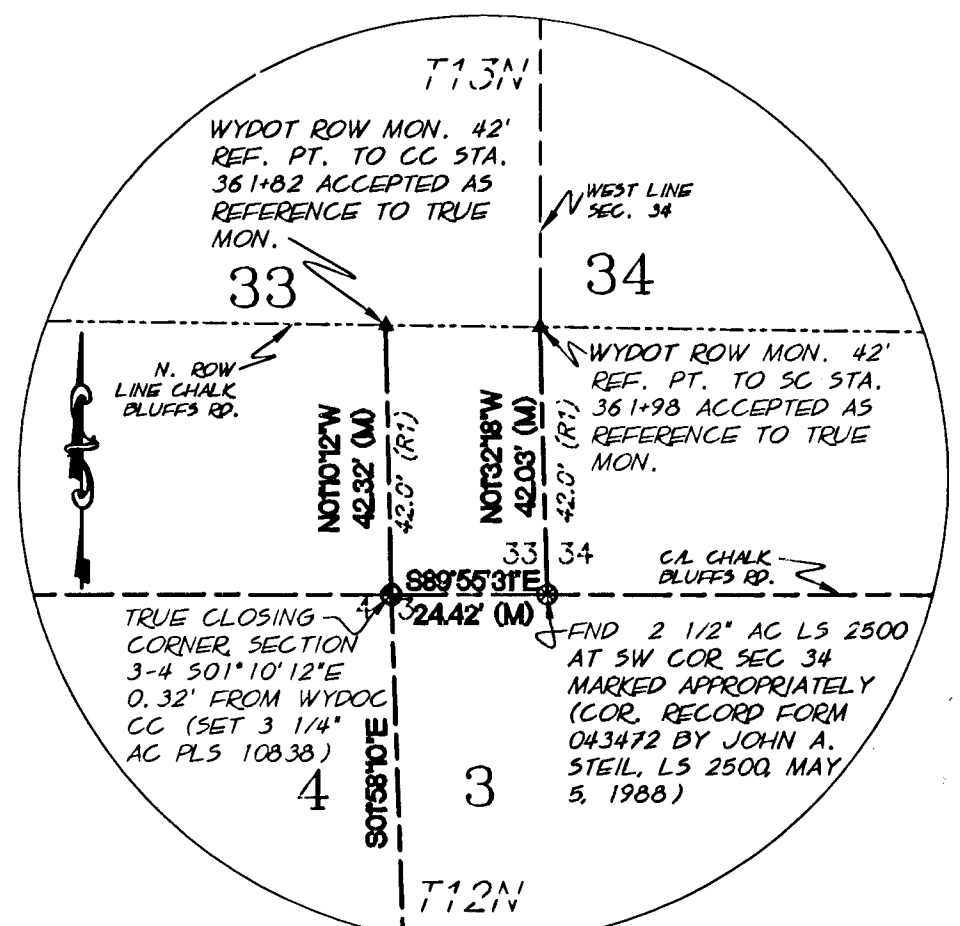


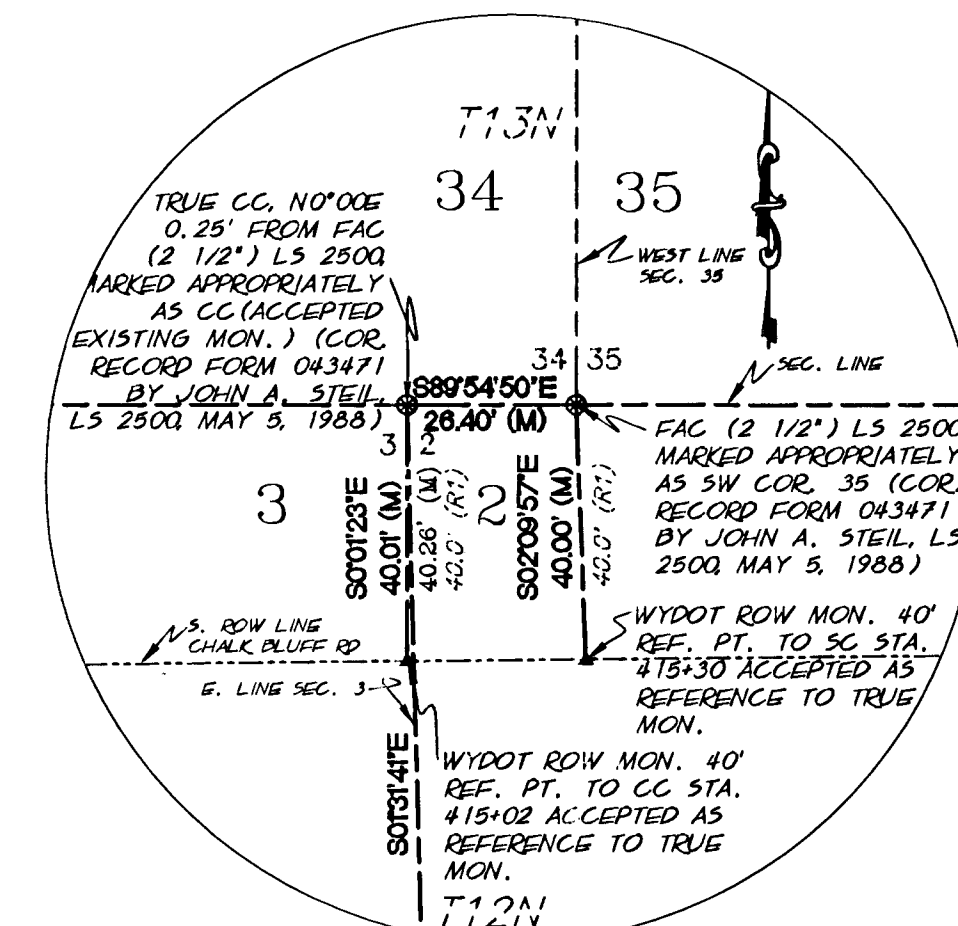
INSET 1
SCALE: 1"=20'



INSET 2
SCALE: 1"=30'



INSET 3
SCALE: 1"=30'

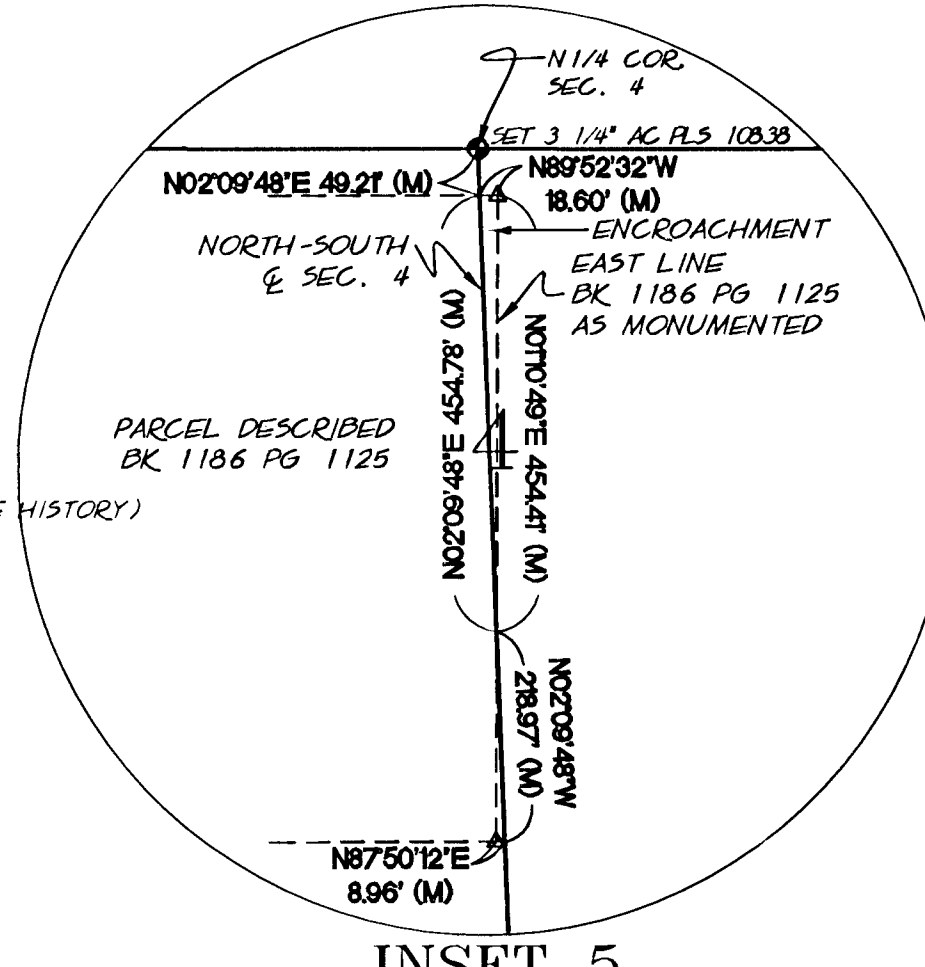
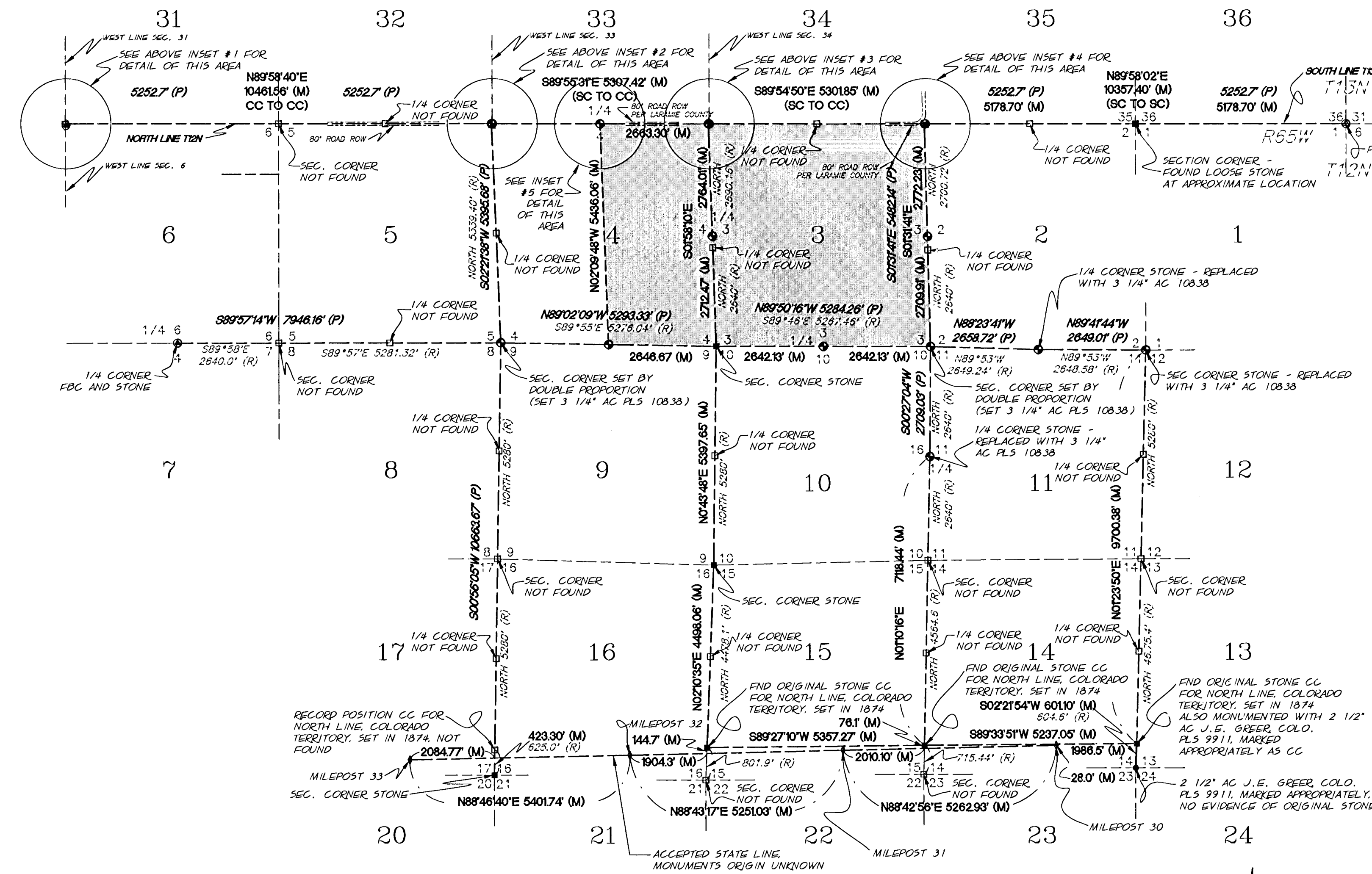


INSET 4
SCALE: 1"=20'

LEGEND

- DENOTES FOUND ORIGINAL STONE MONUMENT
- DENOTES SET 3 1/4" ALUMINUM CAP STAMPED AVI PC WY PLS NO. 10838, MARKED APPROPRIATELY.
- DENOTES ORIGINAL STONE MONUMENT (NOT FOUND)
- ▲ DENOTES WYOMING DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MONUMENT
- DENOTES 2 1/2" ALUMINUM CAP ON PIPE MONUMENT COLORADO PLS NO. 9911, MARKED APPROPRIATELY, DATED (SEE FIELD BOOK)
- DENOTES GLO SURVEY 3 1/4" BRASS CAP ON 3" PIPE MARKED APPROPRIATELY, STANDARD CORNER AND CLOSING CORNER PER ORIGINAL NOTES AND MARKINGS ON CAP, DATED 1911
- DENOTES BRASS CAP ON 1 1/2" IRON PIPE PLS 519, DATED 1973 MARKED APPROPRIATELY
- DENOTES 2 1/2" ALUMINUM CAP 555 PLS 2500 DATED 1987? (SEE FIELD BOOK) MARKED APPROPRIATELY
- DENOTES SHIP SPIKE
- † DENOTES ROAD GRADER BLADE CUTTING EDGE BURIED IN GROUND WITH 4" PROJECTING ABOVE GROUND, STATE LINE MILEPOST MARKER STAMPED AS SHOWN, ORIGIN UNKNOWN, DATE OF SURVEY UNKNOWN
- ◆ DENOTES RECORD CLOSING CORNER
- ▲ DENOTES FOUND 1 1/2" ALUMINUM CAP LS 422, SET IN 1983
- (AC) DENOTES ALUMINUM CAP
- (SC) DENOTES STANDARD CORNER
- (CC) DENOTES CLOSING CORNER
- (R) DENOTES GLO INFORMATION FROM ORIGINAL NOTES DATED 1868 AND 1874
- (R1) DENOTES RECORD WYOMING DEPARTMENT OF TRANSPORTATION INFORMATION
- (M) DENOTES MEASURED DATA FROM THIS SURVEY
- (P) DENOTES PROPORTIONED DATA FROM THIS SURVEY
- (FAC) DENOTES FOUND ALUMINUM CAP AS NOTED
- (FBC) DENOTES FOUND BRASS CAP AS NOTED
- (C.L.) DENOTES CENTERLINE
- (SEC.) DENOTES SECTION

31.501.8 CC NORTHWEST SECTION 6 TO 5C NORTHEAST SECTION 1 (GLO RECORD)
589°58'10"E, 31.498.23 CC NORTHWEST SECTION 6 TO 5C NORTHEAST SECTION 1 (M) (BASIS OF BEARINGS)



INSET 5
SCALE: 1"=200'

NOTES:

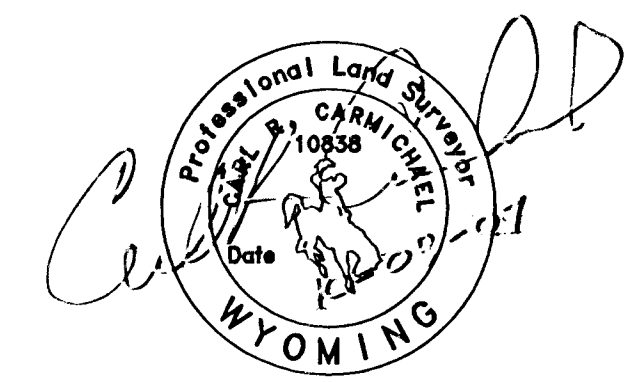
1. THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF TOWNSHIP 12 NORTH, BETWEEN THE CLOSING CORNER AT THE NORTHWEST CORNER OF SECTION 6 AS SHOWN IN INSET 1 AND THE FOUND GLO BRASS CAP STANDARD CORNER AT THE NORTHEAST CORNER OF SECTION 1 BOTH OF T12N, R65W AS SHOWN HEREON, SAID LINE BEARING 589°58'10"E, AS DETERMINED BY GPS OBSERVATION.
2. SEE SHEET 2 FOR TRACT AND TOPOGRAPHIC INFORMATION FOR SECTION 3 AND THE EAST ONE-HALF OF SECTION 4.

LEGAL DESCRIPTION:

ALL OF SECTION 3 AND THE EAST ONE-HALF OF SECTION 4, TOWNSHIP 12 NORTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, LARAMIE COUNTY, WYOMING, EXCEPTING THE LAND LYING WITHIN THE ESTABLISHED RIGHT OF WAY OF CHALK BLUFFS ROAD, CONTAINING 991.85 ACRES MORE OR LESS.

CERTIFICATE OF SURVEYOR:

I, CARL R. CARMICHAEL, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF WYOMING, DO HEREBY CERTIFY THAT THIS MAP OF SURVEY WAS PREPARED FROM FIELD NOTES TAKEN DURING AN ACTUAL SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION COMPLETED IN JULY AND AUGUST 2007, AND THAT TO THE BEST OF MY INFORMATION, KNOWLEDGE AND BELIEF THIS MAP CORRECTLY SHOWS THE RESULTS OF SAID SURVEY AND THAT THE MONUMENTS FOUND OR SET ARE AS SHOWN.



HISTORY OF SURVEY:

THIS SURVEY WAS INITIATED TO LOCATE THE BOUNDARY LINES FOR SECTION 3 AND THE EAST ONE-HALF OF SECTION 4, TOWNSHIP 12 NORTH, RANGE 65 WEST, THE PERTINENT PLATS AND ORIGINAL FIELD NOTES WERE OBTAINED FROM THE BLM, AND THE FOLLOWING INFORMATION FROM THESE SOURCES IS NOTEWORTHY. THE ORIGINAL SURVEY OF THE TOWNSHIP LINES WAS PERFORMED IN 1867 BY WILLIAM ASHLEY, AND THE SUBDIVISIONS WERE DONE IN 1868 BY E. D. BRIGHT. THE CLOSINGS ON THE BOUNDARY OF THE COLORADO-WYOMING TERRITORIES WERE ACCOMPLISHED IN 1874 BY FOWLER AND JOHNIKER (SP). A RETRACEMENT THAT MONUMENTED THE INTERSECTION OF THE THIRD STANDARD PARALLEL NORTH WITH THE EIGHTH GUIDE MERIDIAN WEST (THE NORTHEAST CORNER OF TOWNSHIP 12 NORTH) WAS PERFORMED IN 1911 BY EDWIN H. VAN ANTWERP, AND BRASS CAPS WERE SET TO REPLACE THE ORIGINAL STONES.

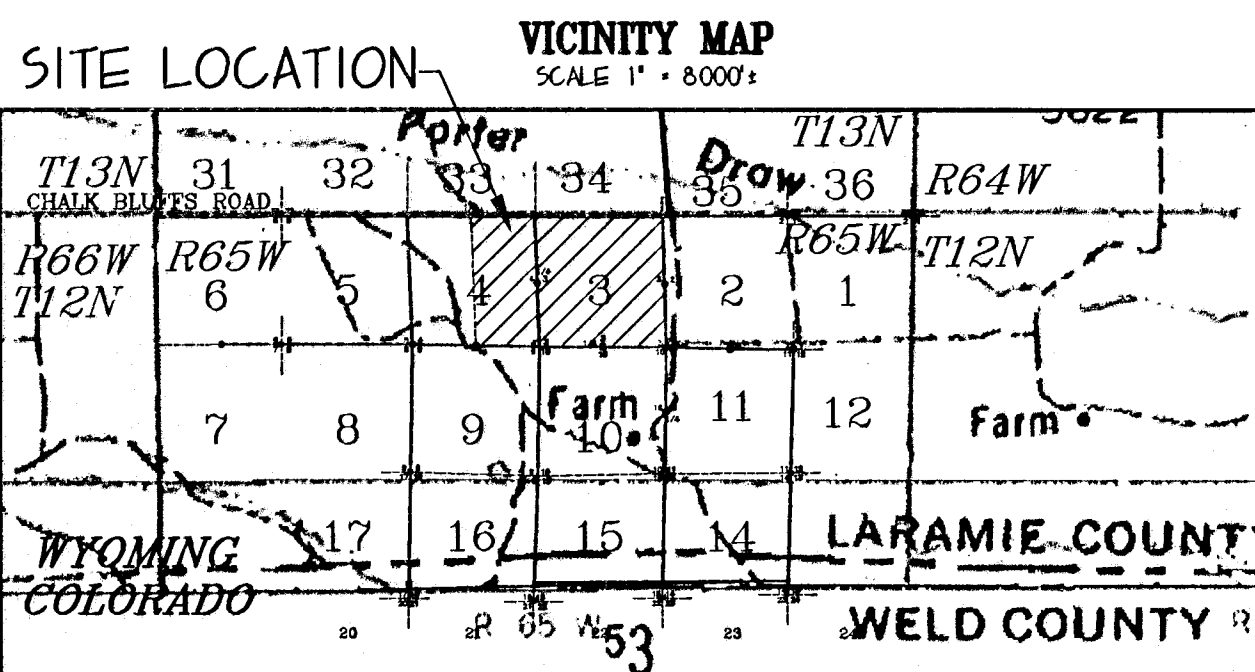
A SEARCH FOR EXISTING CORNER MONUMENTATION YIELDED VERY FEW RESULTS. THE STANDARD CORNERS AT THE SOUTHWEST CORNERS OF SECTIONS 34 AND 35, T. 13 N., R. 65 W., AND THE CLOSING CORNER AT THE NORTHEAST CORNER OF SECTION 3, T. 12 N., R. 65 W., WERE FOUND, BEING ALUMINUM CAP MONUMENTS BY JOHN A. STEIL, LS 2500, DATED 1987. DISLODGED STONES WERE FOUND AT THE SOUTHWEST OF 3 AND SOUTH 1/4 OF 3, BUT NOT ACCEPTED. A STONE WAS FOUND AT THE SOUTHWEST OF 3, BUT NOTHING WAS FOUND AT THE REMAINING CORNERS IN SECTION 4.

ATTENTION WAS THEN TURNED TO FINDING MONUMENTATION SURROUNDING THE SUBJECT SECTION CORNERS, WITH THE INTENTION OF FINDING MONUMENTS SUITABLE FOR PROPORTIONING THE LOCATIONS OF THE LOST CORNERS. AN EXTENSIVE SEARCH WAS THEN MADE, COVERING A FAIR PORTION OF THE NORTH ONE-HALF OF T. 12 N., R. 65 W., WITH MIXED RESULTS. THE FOUND CORNERS, MOSTLY ORIGINAL STONES, (AS SHOWN HEREON), VARIED SIGNIFICANTLY IN RELATIONSHIP TO EACH OTHER, AS COMPARED TO THE RECORDS OF THE ORIGINAL SURVEY. EFFORTS TO RESOLVE AND CLARIFY THESE DIFFERENCES BY LOCATING ADDITIONAL STONES OF THE ORIGINAL SURVEY WERE UNPRODUCTIVE. DILIGENT AND REPEATED SEARCHES TO RECOVER THE CORNERS SHOWN HEREON LABELED "NOT FOUND", WERE UNSUCCESSFUL. IN PARTICULAR, THE LINES CLOSING ON THE NORTH LINE OF T. 12 N. WERE FOUND TO BE SIGNIFICANTLY LONGER AS MEASURED THAN SHOWN BY THE RECORDS OF THE ORIGINAL SURVEY.

THE NORTH LINE OF T. 12 N. PRESENTED A UNIQUE PROBLEM. CHALK BLUFFS ROAD IS CENTERED ON THE TOWNSHIP LINE, SO THERE WAS NO POSSIBILITY OF FINDING ORIGINAL MONUMENTS. HOWEVER, WHEN WYDOT RE-BUILT THE ROAD IN 1970, RIGHT OF WAY MONUMENTS WERE SET WHICH REFERENCED THE CLOSING CORNERS OF T. 12 N. AND THE STANDARD CORNERS OF T. 13 N. UPON DETERMINING THAT THE ABOVE MENTIONED MONUMENTS SET BY LS 2500 WERE BASED ON THE POSITION OF THESE RIGHT OF WAY MONUMENTS EXACTLY, A PRESENT FOR THE ACCEPTANCE AND USE OF THE RIGHT OF WAY MONUMENTS IN THIS SURVEY WAS SET. HOWEVER, IT MUST BE NOTED THAT THE LOCATION OF THE RIGHT OF WAY MONUMENTS DOES NOT AGREE WITH THE THEORETICAL LOCATION OF THE ORIGINAL CORNERS WHICH WOULD BE RE-ESTABLISHED BY PROPORTIONATE METHODS ALONG THE TOWNSHIP LINE. NOTWITHSTANDING, I DETERMINED THAT THE RIGHT OF WAY MONUMENTS REPRESENTED THE BEST AVAILABLE EVIDENCE FOR RE-ESTABLISHMENT OF THE VARIOUS ALIQUOT CORNERS ALONG THE TOWNSHIP LINE, SINCE THEIR VARIATIONS WERE NO WORSE THAN THOSE FOUND WHEN COMPARING MEASURED VERSUS RECORD BETWEEN THE FOUND MONUMENTS IN THE ORIGINAL SUBDIVISION OF THE TOWNSHIP.

AFTER ANALYZING AND ACCEPTING THE LOCATION OF FOUND ORIGINAL MONUMENTS WITHIN THE SUBDIVIDED SECTION, AND THE LOCATION OF THE ALIQUOT CORNERS REFERENCED BY THE RIGHT OF WAY MONUMENTS (CORRECTING FOR THE MEASURED LOCATION OF THE CLOSING CORNERS), THE POSITIONS OF THE SOUTHWEST CORNER OF 3 AND THE SOUTHWEST CORNER OF 4 WERE ESTABLISHED BY THE DOUBLE PROPORTIONATE METHOD, AND ONE-QUARTER CORNERS WERE ESTABLISHED BY SINGLE PROPORTION BETWEEN THE CORNERS THUS CREATED.

DETERRIATED/SUBSTANDARD ORIGINAL MONUMENTS WERE REHABILITATED, THAT IS, REPLACED WITH IRON RODS AND MODERN ALUMINUM CAPS AND REFERENCED, AS SPECIFIED BY WYOMING BOARD OF REGISTRATION PLS AND REGULATIONS. ORIGINAL MONUMENTS LEFT IN PLACE WERE ALSO REFERENCED. CORNER RECORDATION FORMS WERE PREPARED FOR ALL MONUMENTS, AND FILED WITH THE LARAMIE COUNTY CLERK AND RECORDER.



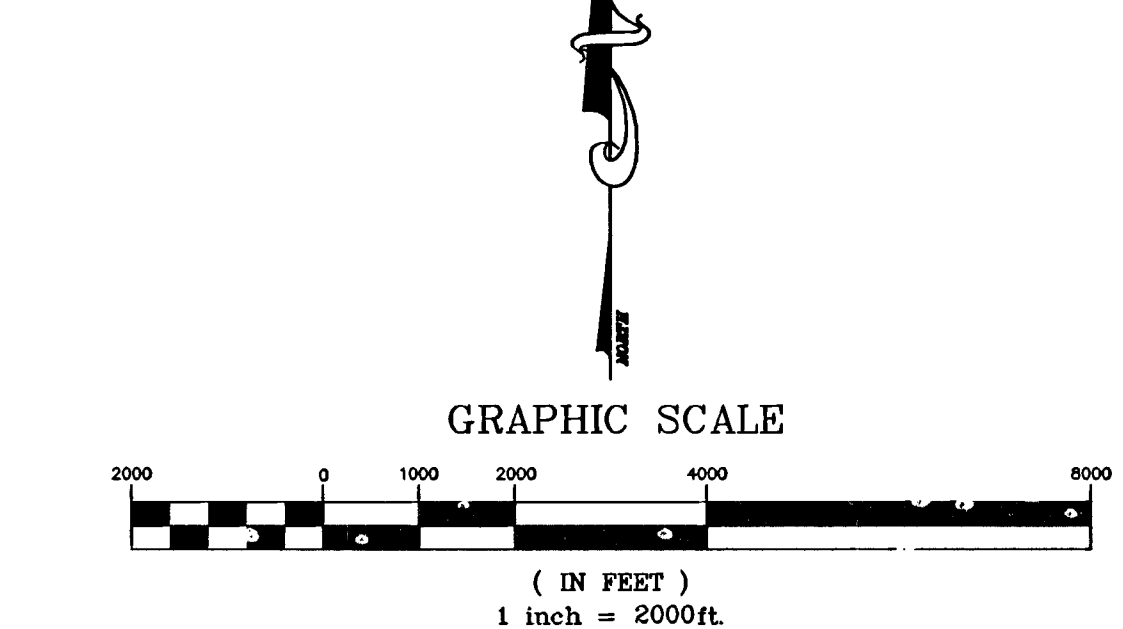
AZIMUTH

Reception 183324

The State of Wyoming } ss
County of Laramie }

This instrument was filed for record at 2:12 o'clock P.M. on the 9 day of October A.D. 2007 and duly recorded in Dover 11 slot 25

County Clerk & Ex-Officio Register at Deeds
By [Signature] Deputy



NO.	REVISION	DATE

PREPARED FOR:
BUTCH MARLIN
11193 ORCHARD DRIVE
CHEYENNE, WY. 82001

PROJECT TITLE:
BOUNDARY SURVEY, ALL OF SECTION 3 AND THE EAST ONE-HALF SECTION 4, TOWNSHIP 12 NORTH, RANGE 65 WEST

DRAWING TITLE:
MAP OF SURVEY
A PORTION OF THE NORTH ONE-HALF OF TOWNSHIP 12 NORTH, RANGE 65 WEST

engineering planning surveying

PHONE (307) 657-0007
2030 WESTLAND ROAD
CHEYENNE, WY 82001

DESIGNED BY: CRC
CHECKED BY: CRC

DRAWN BY: CGT/CRJ
DATE: 9/07

JOB NO.: 2730

DRAWING NO.: 1 of 2

