

**SECTION 18**

SCALE: 1" = 1000'

- LEGEND :**
- SET 6" DIA. x 24" CONCRETE CYLINDER WITH 2-1/2" BRASS DISC INSET.
  - ⊙ FOUND MONUMENTS, AS NOTED.
  - ⊙ CALCULATED CORNERS, NOT SET.
  - SET HUB & TACY.
  - SET P.K. NAIL OR AS NOTED.
  - X- EXISTING FENCE LINE.

**NOTE :**

ELEVATIONS DEVELOPED FROM VERTICAL ANGLE TIE TO O.S.H.D. BENCH NO. U518.

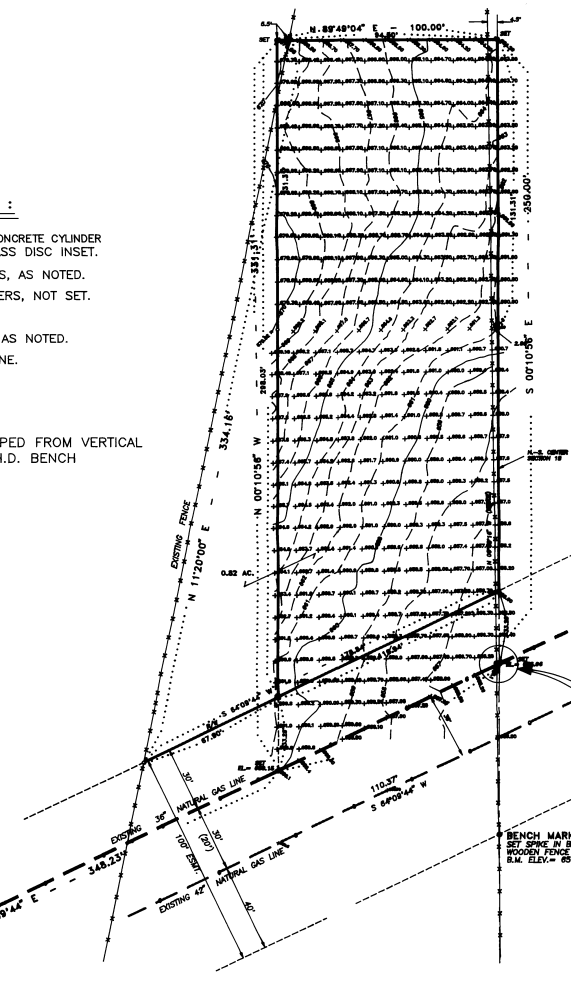
**NARRATIVE :**

PURPOSE OF THIS SURVEY WAS TO SET PROPERTY CORNERS AND PROVIDE TOPOGRAPHIC MAPPING OF PACIFIC GAS TRANSMISSION METERING STATION LOCATED IN THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 3 NORTH, RANGE 28 EAST, WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON. THE CLIENT PROVIDED ALIGNMENT SHEETS OF THEIR PIPELINE CENTERLINE SHOWING P.I. MONUMENTATION, BOTH OREGON COORDINATE GRID SYSTEM AND BEARINGS AND RELATIONSHIP TO TRUE BEARINGS, OF PIPELINE CENTERLINE AND TIES TO VARIOUS SECTION CORNERS IN THE AREA OF THE PROPOSED SURVEY.

IN THE FIELD, SEARCH WAS MADE FOR EXISTING SECTION CORNER MONUMENTATION. FOUND WERE THE NORTHWEST CORNER OF SECTION 18, A COUNTY SURVEYOR'S BRASS CAP MONUMENT; THE WEST 1/4 CORNER, A BRASS CAP WITNESS CORNER STAMPED SOUTH 89°52'WEST 400 FEET TO 1/4 CORNER AND A BRASS CAP STAMPED SOUTH 00°08'40" WEST 900 FEET TO 1/4 CORNER; A COUNTY BRASS CAP MONUMENT WITNESS CORNER SCRIBED 150 FEET NORTH OF THE SOUTHWEST CORNER; WITH NO OTHER CORNERS IN THE SECTION FOUND AFTER THOROUGH SEARCH. SEARCH EXPANDED TO THE EAST; FOUND NORTHEAST CORNER OF SECTION 17, A 2-1/2" IRON PIPE; SOUTHEAST CORNER OF SECTION 17, A COUNTY BRASS CAP MONUMENT PROVIDING CONTROL IN THE EAST-WEST DIRECTIONS ON BOTH THE NORTH AND SOUTH LINES OF THE SECTION. SEARCH NORTH ONE MILE FOUND FENCE CORNER EAST-WEST-NORTH. ACCEPTED FOR CORNER OF SECTIONS 5,6,7,8. TO THE SOUTH OF THE SECTION 1-1/2 MILES, FOUND THE CENTERLINE OF ECHO HIGHWAY AND FENCE LINE TO THE SOUTH. NO OTHER EVIDENCE FOUND FOR NORTH-SOUTH CONTROL ALONG THE EAST LINE OF THE SECTION.

IN REVIEW OF THE LEGAL DESCRIPTION OF THE SUBJECT PARCEL, IT WAS NOTED THE NORTH AND SOUTH BOUNDARIES ARE DETERMINED BY THE LOCATION OF THE PIPELINE CENTERLINE WITH THE EAST AND WEST LINES DETERMINED BY THE NORTH-SOUTH CENTERLINE OF THE SECTION. THEREFORE, PROPORTIONING IN THE NORTH-SOUTH DIRECTION HAS VERY LITTLE TO DO WITH THE SUBJECT TRACT SURVEY.

FIELD TRAVERSE WAS RUN, TYING ALL FOUND MONUMENTS AND CORNER EVIDENCE TOGETHER. UTILIZING DOUBLE PROPORTIONATE MEASURE, THE NORTHEAST-SOUTHEAST CORNER OF SECTION 18 WAS CALCULATED AND THE SECTION THEORETICALLY SUBDIVIDED ACCORDING TO BLM PROCEDURE. CENTERLINE OF THE EXISTING PIPELINE WAS DETERMINED BY FOUND P.I. MONUMENT SOME 350 FEET TO THE WEST OF THE SUBJECT SITE AND LOCATED EXISTING PIPELINE CENTERLINE BY P.G.T. PREVIOUSLY SET MARKERS ON THE LONG TANGENT EXTENDING NORTHEASTERLY THROUGH THE SITE, FORMING THE SOUTH BOUNDARY OF THE SITE. UTILIZING TRAVERSE INFORMATION, THE INTERSECTIONS OF THE CENTERLINE OF PIPELINE AND THE NORTH-SOUTH CENTERLINE OF THE SECTION WERE CALCULATED AND ESTABLISHED IN THE FIELD TO ESTABLISH POINT OF BEGINNING OF THE SURVEY. TRACT LAID OUT ACCORDING TO LEGAL DESCRIPTIONS. FOUND EXISTING NORTH-SOUTH FENCE ALONG THE EAST BOUNDARY OF THE SITE, WITHIN 1.3 FEET AT SOUTHEAST CORNER AND 4.5 FEET AT THE NORTHEAST CORNER AS SHOWN. ALL CORNERS MONUMENTED WITH 5/8" x 30" IRON ROD WITH PLASTIC CAP #872, AS SHOWN.

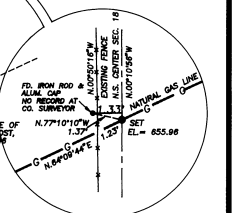


**SITE DETAIL**

SCALE: 1" = 40'

**NOTE:**

ALL BEARINGS ARE GIVEN IN TRUE NORTH REFERENCE. GRID NORTH VARIATION IS AS SHOWN BASED ON OREGON STATE COORDINATE SYSTEM, NORTH ZONE GRID.  $\phi = +0^{\circ}49'30"$   
C.F. = 0.99985089



**DETAIL**

SCALE: 1" = 4'

**REFERENCES:**

P.G.T. DRAWING NUMBERS  
500-A-RW-741,  
SHEET 69 OF 123.

500-A-AL-2151  
526-A-L-1

10-96  
96-152B

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*David L. Tuttle*

OREGON  
DAVID L. TUTTLE  
MAY 12, 1988  
# 9328

EXPIRES: 12/31/97

SURVEY AND MAP BY

**MINORITY TECH SERVICES**  
Drafting - Engineering - Planning - Surveying

**MTS**  
409 LINCOLN STREET  
THE DALLES, OREGON 97088  
Ph. 541-296-6657

NO.	DATE	DESCRIPTION	W.O.	DR.	CH.	APPROVALS
2	9-27-96	REDUCE TO 18" x 24" AND FINAL MYLAR (COUNTY FILE)	8518	S.D.H.		
1	7-20-95	ADD AREA AND TOPO 131.31' NORTH OF SITE & MISC.	8518	S.D.H.		
0	6-9-95	SURVEY & MAP BY MINORITY TECH SERVICES, THE DALLES, OR.	8518	S.D.H.		

W.O. 8518  
SUPV  
DSGN  
DWN HINATSU  
CHKD  
DATE 5-31-95

**SITE IMPROVEMENT PLAN**  
**HERMISTON GENERATING METER STATION**  
IN S.E.1/4 OF N.W.1/4, SEC. 18, TWP.3N., RANGE 28E. W.M.  
UMATILLA COUNTY, OREGON

PACIFIC GAS TRANSMISSION COMPANY

SCALE 1" = 40'  
BILL OF MATERIAL CHANGE  
SUPERSEDES SUPERCED  
SHEET 1 OF 1 SHEETS  
DRAWING NUMBER 526-A-S-1

RECORD OF APPROVALS AND CHANGES