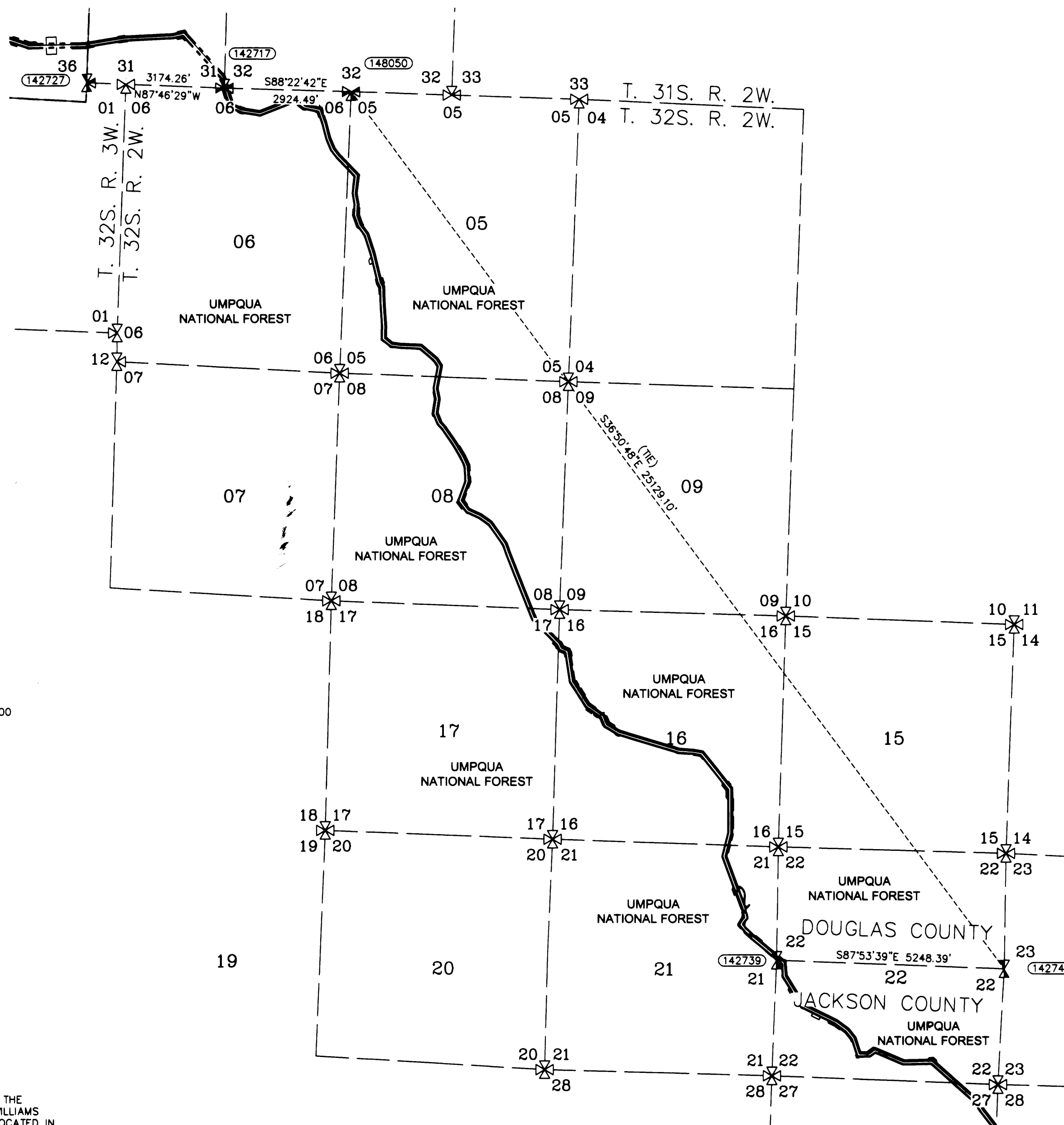


RECORD OF SURVEY

LOCATED IN SECTIONS 5,6,8,16,17,21 AND 22 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M. DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

FILED
Date: 12-4-2014 By: JC
This survey consists of:
Map: M166-35 A-H
Narrative: _____
Corner Rpt: _____
DOUGLAS COUNTY SURVEYOR



CORNER NOTES:

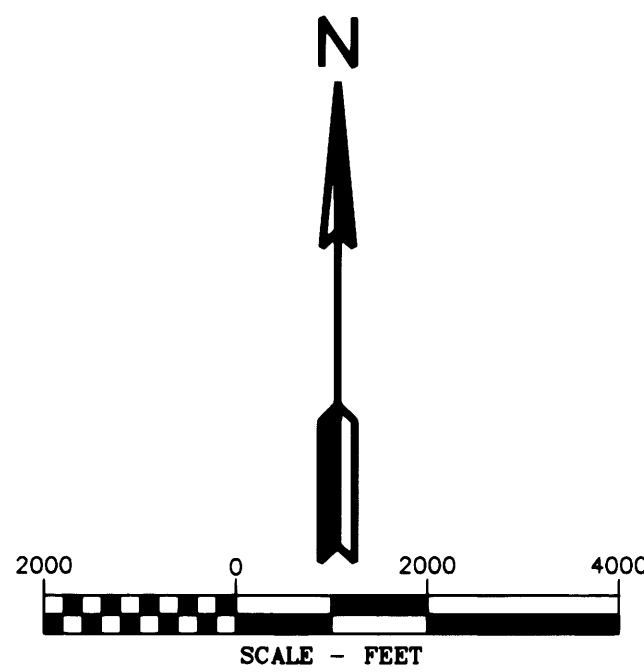
(142727)
SOUTHWEST CORNER SECTIONS 31, T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 38" D. FIR SNAG WITH HEALED FACE AND TAG DATED 6/80
N 42° E - 22.8' TO NAIL SIDE CENTER
2) 41" D. FIR WITH HEALED FACE AND TAG DATED 6/80
S 29° E - 34.0'
3) 11" D. FIR
SET TAG DATED 8/14
N 20' W - 14.3' TO NAIL SIDE CENTER
4) 20" HEMLOCK WITH HEALED FACE AND TAG DATED 6/80
N 50° E - 44.6' TO NAIL SIDE CENTER

(142717)
SOUTHWEST CORNER SECTIONS 32 T32S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 15" GRAND FIR
SET TAG DATED 8/14
S 66° W - 13.2' TO NAIL SIDE CENTER
2) 10" GRAND FIR
SET TAG DATED 8/14
S 44° E - 24.6' TO NAIL SIDE CENTER
3) 15" MADRONE WITH HEALED FACE AND TAG DATED 8/66
N 32° W - 27.6' TO NAIL SIDE CENTER
4) 17" MADRONE HEALED FACE AND TAG DATED 8/66
N 52-1/2° W - 35.6' TO NAIL SIDE CENTER

(148050)
NORTHEAST CORNER SECTION 6 T32S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 13" D. FIR
SET TAG DATED 8/14
S 68° E - 18.6' TO NAIL SIDE CENTER
2) 19" D. FIR 10" STUMP WITH VISIBLE SCRIBE AND TAG DATED 9/66
S 44° W - 27.1'
3) 10" D. FIR
SET TAG DATED 8/14
S 73° W - 1.2' TO NAIL SIDE CENTER
4) 32" D. FIR 10" STUMP WITH VISIBLE SCRIBE AND TAG DATED 9/66
S 21-1/2° W, 10.6'
5) 15" D. FIR
SET TAG DATE 8/14
N 21° W - 17.85' TO NAIL SIDE CENTER

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⊗ FOUND QUARTER CORNER, SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER, SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- POINT NUMBER
- PROPOSED ALIGNMENT
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA



BASIS OF BEARINGS

OREGON STATE PLANE COORDINATE SYSTEM NAD 1983 (CONUS) OREGON SOUTH ZONE 3602 US SURVEY FOOT GRID NORTH

SHEET INDEX:

- SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
- SHEET 2 = SECTIONS 6 & 5
- SHEET 3 = SECTION 5
- SHEET 4 = SECTION 8
- SHEET 5 = SECTION 8
- SHEET 6 = SECTIONS 17 & 16
- SHEET 7 = SECTIONS 17 & 16
- SHEET 8 = SECTIONS 21 & 22

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE TEMPORARY CONSTRUCTION CORRIDOR FOR THE WILLIAMS PACIFIC CONNECTOR GAS LINE. THIS SURVEY IS LOCATED IN TOWNSHIP 32 SOUTH, RANGE 2 WEST, OF THE WILLAMETTE MERIDIAN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY KLEIN & ASSOCIATES.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES.

SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES. THE COMBINED SCALE FACTOR = 0.999745737 TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000254263.

EXAMPLE: 300.00' GRID DISTANCE
300.00' x 1.000254328 = 300.08' GROUND DISTANCE.

SURVEYOR'S CERTIFICATE

I, JAMES M. KLEIN BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

James M. Klein
JAMES M. KLEIN PLS. 59002

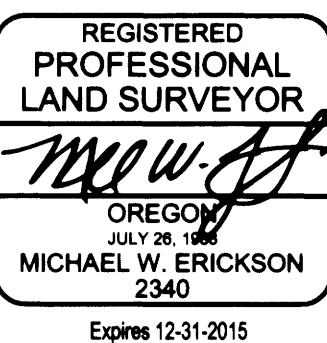
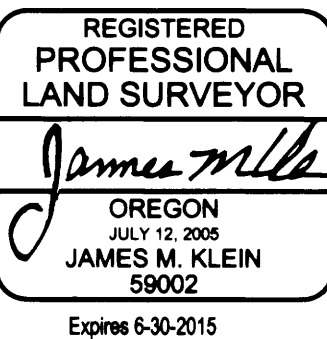
SURVEYOR'S CERTIFICATE

I, MICHAEL W. ERICKSON BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

Michael W. Erickson
MICHAEL W. ERICKSON PLS. 2340

SURVEY PERFORMED FOR:
WILLIAMS
DATE OF MONUMENTATION: AUGUST 7, 2014
PROJECT: 14-02-05 DRAFT: GD, LS
FILE: RS-365-05E.DWG



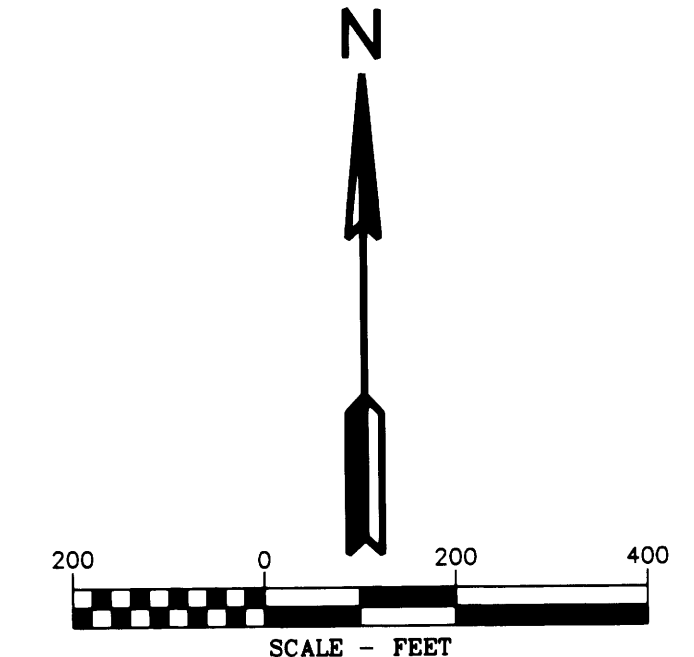
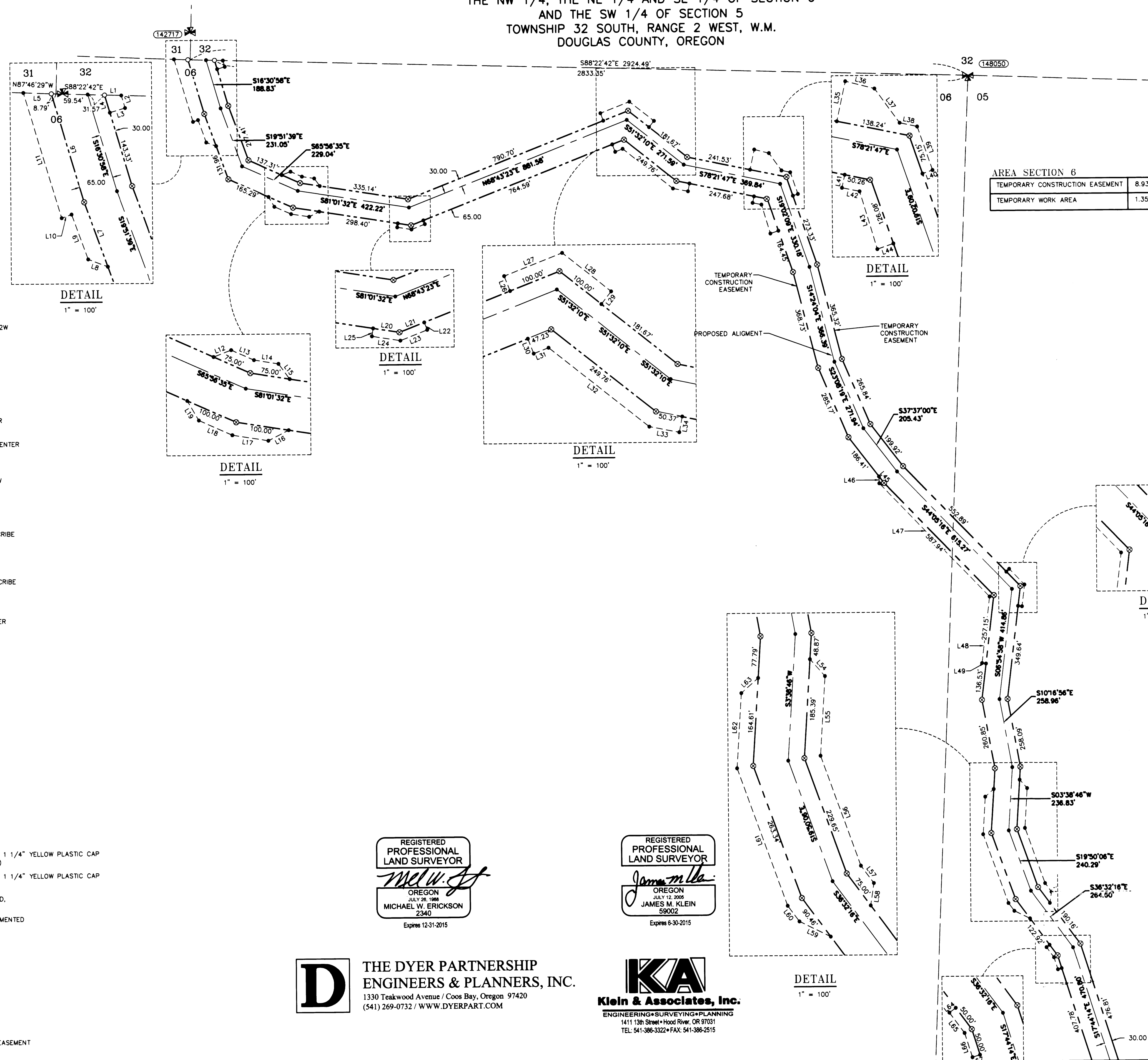
PACIFIC CONNECTOR GAS PIPELINE PROJECT			
PACIFIC CONNECTOR GAS PIPELINE, LP			
RECORD OF SURVEY			
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M. DOUGLAS COUNTY OREGON			
DRAWN BY:	LJS	DATE: 09-10-2014	ISSUED FOR BID: _____
CHECKED BY:	_____	DATE: _____	ISSUED FOR CONSTRUCTION: _____
APPROVED BY:	_____	DATE: _____	DRAWING NUMBER: _____
			SHEET 1 OF 8

RECORD OF SURVEY

LOCATED IN
THE NW 1/4, THE NE 1/4 AND SE 1/4 OF SECTION 6
AND THE SW 1/4 OF SECTION 5
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

FILED
Date: 12-4-2014 By: JC
This survey consists of:
Map: M166-258-A-H
Narrative:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR



AREA SECTION 6	
TEMPORARY CONSTRUCTION EASEMENT	8.93 ACRES
TEMPORARY WORK AREA	1.35 ACRES

LINE TABLE		
Line #	Direction	Length
L1	S88°22'42"E	31.53
L2	S16°31'33"E	24.66
L3	S73°29'02"W	29.97
L4	S16°30'58"E	34.48
L5	N87°46'09"W	52.40
L6	S16°30'58"E	211.80
L7	S19°51'39"E	128.63
L8	S69°26'38"E	39.40
L9	S19°51'39"E	89.59
L10	N70°08'21"E	20.00
L11	S16°37'52"E	245.02
L12	N69°03'25"E	35.36
L13	S65°56'35"E	46.69
L14	S81°01'32"E	46.69
L15	S36°01'32"E	35.36
L16	N63°11'51"E	42.79
L17	S81°00'36"E	68.59
L18	S65°56'35"E	68.61
L19	S30°10'21"E	42.77
L20	S81°01'32"E	50.00
L21	N68°43'23"E	50.00
L22	N21°16'37"W	15.00
L23	N68°43'23"E	54.05
L24	S81°01'32"E	54.05
L25	S8°58'28"W	15.00
L26	N21°16'37"W	30.00
L27	N68°43'23"E	117.23
L28	S51°32'10"E	117.23
L29	S38°27'50"W	30.00
L30	S21°16'35"E	30.00
L31	N68°43'23"E	30.00
L32	S51°32'10"E	240.30
L33	S79°03'43"E	57.35
L34	N10°56'16"E	29.58
L35	N12°20'21"E	76.49
L36	S75°39'20"E	56.48
L37	S35°56'42"E	79.68
L38	S77°39'39"E	33.66
L39	S19°02'09"E	86.23
L40	S71°13'47"W	20.00
L41	S12°20'05"W	25.00
L42	S78°21'47"E	33.76
L43	S16°35'53"E	113.25
L44	N70°57'58"E	32.03
L45	S37°37'00"E	30.95
L46	S1°54'01"E	25.69
L47	S43°58'07"E	592.50
L48	S6°54'58"W	250.00
L49	S83°05'01"E	15.00
L50	S45°54'44"W	15.00
L51	N44°05'16"W	82.16
L52	N6°54'58"E	82.16
L53	S83°05'02"E	15.00
L54	N41°21'14"W	42.43
L55	N3°38'46"E	149.16
L56	N19°50'02"W	219.01
L57	N36°32'20"W	40.60
L58	N8°27'40"E	42.43
L59	S63°52'21"E	65.33
L60	S36°32'20"E	36.82
L61	S19°50'02"E	273.98
L62	S3°38'46"W	140.84
L63	S48°38'46"W	42.43
L64	S53°27'40"W	15.00
L65	S36°32'20"E	47.52
L66	S17°44'14"E	47.52
L67	N72°15'46"E	15.00
L68	S13°45'23"E	54.21

- CORNER NOTES:**
- (142717)
SOUTHWEST CORNER SECTIONS 32 T351-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 15" GRAND FIR
SET TAG DATED 8/14
S 66° W - 13.2' TO NAIL SIDE CENTER
2) 10" GRAND FIR
SET TAG DATED 8/14
S 44° E - 24.6' TO NAIL SIDE CENTER
3) 16" MADRONE WITH HEALED FACE
AND TAG DATED 8/66
N 32° W - 27.6' TO NAIL SIDE CENTER
4) 17" MADRONE HEALED FACE
AND TAG DATED 8/66
N 52-1/2° W - 35.6' TO NAIL SIDE CENTER
- (148050)
NORTHEAST CORNER SECTION 6 T325-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 13" D. FIR
SET TAG DATED 8/14
S 66° E - 18.6' TO NAIL SIDE CENTER
2) 19" D. FIR 10' STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 24° W - 27.1'
3) 10" D. FIR
SET TAG DATED 8/14
S 73° W - 1.2' TO NAIL SIDE CENTER
4) 32" D. FIR 10' STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 21-1/2° W, 10.6'
5) 15" D. FIR
SET TAG DATE 8/14
N 21° W - 17.85' TO NAIL SIDE CENTER

- LEGEND**
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
 - ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
 - ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
 - COMPUTED POINT, NOT MONUMENTED
 - ⊠ FOUND QUARTER CORNER SEE CORNER NOTES
 - ⊞ FOUND SECTION CORNER SEE CORNER NOTES
 - ⊞ COMPUTED QUARTER CORNER
 - ⊞ COMPUTED SECTION CORNER
 - ⊞ POINT NUMBER
 - PROPOSED ALIGNMENT
 - - - - - TEMPORARY CONSTRUCTION EASEMENT
 - - - - - TEMPORARY WORK AREA

REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 28 1988
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
James M. Klein
OREGON
JULY 12 2005
JAMES M. KLEIN
59002
Expires 6-30-2015

D THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.
1330 Teakwood Avenue / Coos Bay, Oregon 97420
(541) 269-0732 / WWW.DYERPART.COM

KA Klein & Associates, Inc.
ENGINEERING • SURVEYING • PLANNING
1411 13th Street • Hood River, OR 97031
TEL: 541-386-3322 • FAX: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTIONS 05 AND 06
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

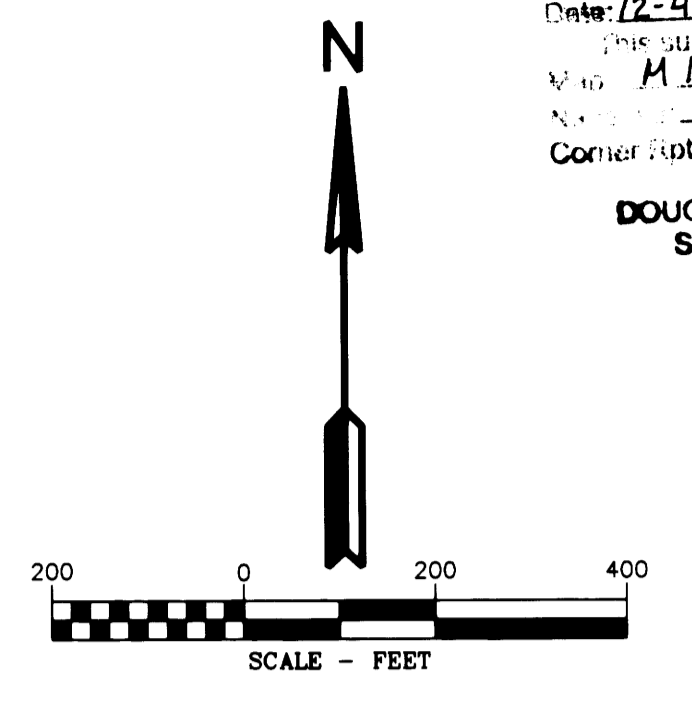
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CHECKED BY: DATE: ISSUED FOR CONSTRUCTION:
APPROVED BY: DATE: DRAWING NUMBER: SHEET 2 OF 8

RECORD OF SURVEY

LOCATED IN THE
NW 1/4 AND THE SW 1/4 OF SECTION 5
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

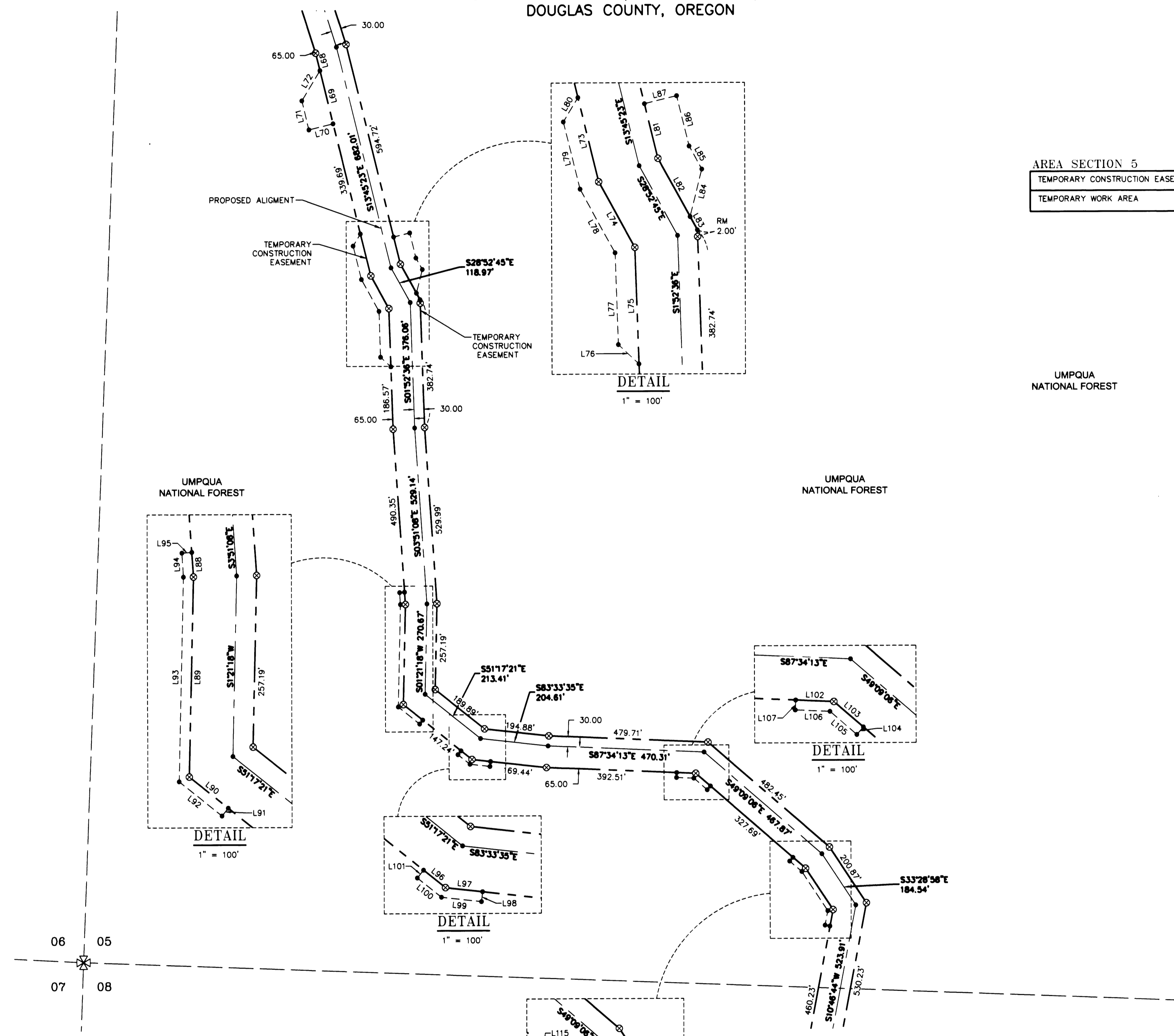
FILED
Date: 12-4-2014 By: JC
This survey consists of:
Map: M166-25 A-H
Corner:
DOUGLAS COUNTY
SURVEYOR



AREA SECTION 5	
TEMPORARY CONSTRUCTION EASEMENT	12.95 ACRES
TEMPORARY WORK AREA	1.84 ACRES

LINE TABLE

Line #	Direction	Length
L68	S13°45'23"E	54.21
L69	S13°45'23"E	164.49
L70	N76°14'37"E	75.00
L71	S13°45'23"E	89.49
L72	S31°14'37"W	106.07
L73	S13°45'23"E	130.00
L74	N28°52'45"W	111.99
L75	S1°52'36"E	175.00
L76	S46°52'36"E	42.43
L77	S1°52'36"E	137.80
L78	S28°52'45"E	108.77
L79	S13°45'23"E	103.98
L80	S31°14'37"W	42.43
L81	S13°45'23"E	84.36
L82	S28°52'45"E	99.67
L83	S28°52'45"E	22.53
L84	N14°11'15"E	73.22
L85	N28°52'45"W	39.53
L86	N13°45'23"W	77.72
L87	S76°14'37"W	50.00
L88	S35°1'08"E	36.95
L89	S1°21'18"W	299.87
L90	S51°17'21"E	75.00
L91	N38°42'40"E	15.00
L92	S51°17'19"E	82.42
L93	S1°21'18"W	306.76
L94	S33°7'42"E	36.09
L95	S86°03'02"W	14.84
L96	S51°17'21"E	42.13
L97	S83°33'35"E	56.25
L98	N6°30'21"E	15.00
L99	S83°33'35"E	60.57
L100	S51°17'21"E	46.47
L101	S38°42'40"W	15.00
L102	S87°34'13"E	57.43
L103	S49°09'06"E	58.57
L104	N40°50'48"E	15.01
L105	S49°09'10"E	53.35
L106	S87°34'13"E	52.19
L107	S2°25'48"W	15.00
L108	S49°09'06"E	50.02
L109	S33°28'58"E	149.16
L110	S10°46'44"W	50.00
L111	S79°13'33"E	14.99
L112	S10°46'27"W	43.90
L113	S33°29'04"E	141.02
L114	S49°09'09"E	47.94
L115	S40°50'51"W	15.00



LEGEND

- SET 5/8" X 24" REBAR WITH 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⊗ FOUND QUARTER CORNER, SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER, SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- ① POINT NUMBER
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 28, 1998
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

REGISTERED
PROFESSIONAL
LAND SURVEYOR
James M. Klein
OREGON
JULY 12, 2005
JAMES M. KLEIN
59002
Expires 6-30-2015

D THE DYER PARTNERSHIP
ENGINEERS & PLANNERS, INC.
1330 Teakwood Avenue / Coos Bay, Oregon 97420
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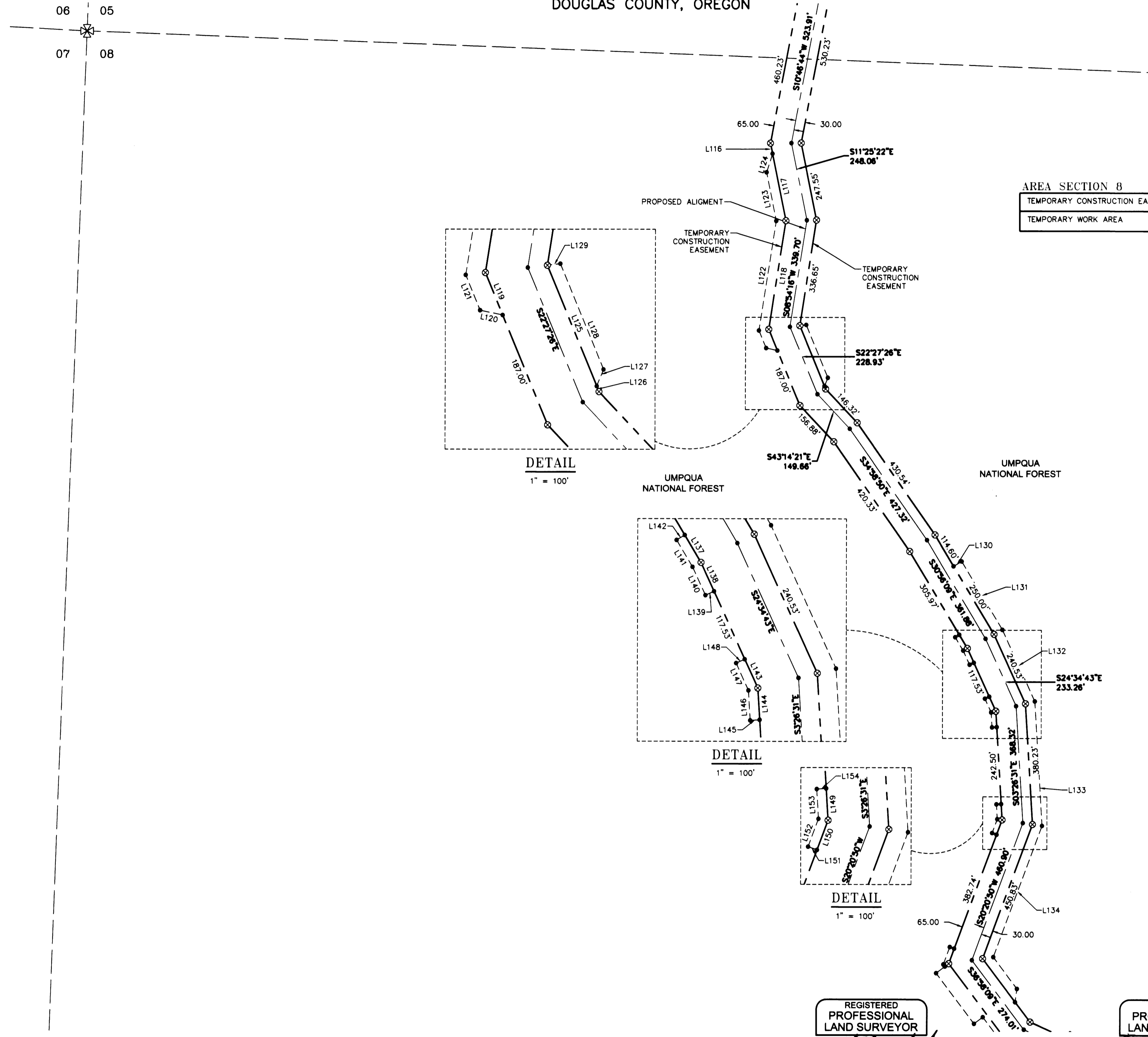
PACIFIC CONNECTOR GAS PIPELINE PROJECT PACIFIC CONNECTOR GAS PIPELINE, LP RECORD OF SURVEY SECTION 05 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M. DOUGLAS COUNTY OREGON		
DRAWN BY: LJS	DATE: 09-10-2014	
CHECKED BY: _____	DATE: _____	ISSUED FOR CONSTRUCTION: _____
APPROVED BY: _____	DATE: _____	DRAWING NUMBER: _____
		SHEET 3 OF 8

RECORD OF SURVEY

REVISED SEE M166-35 A-H

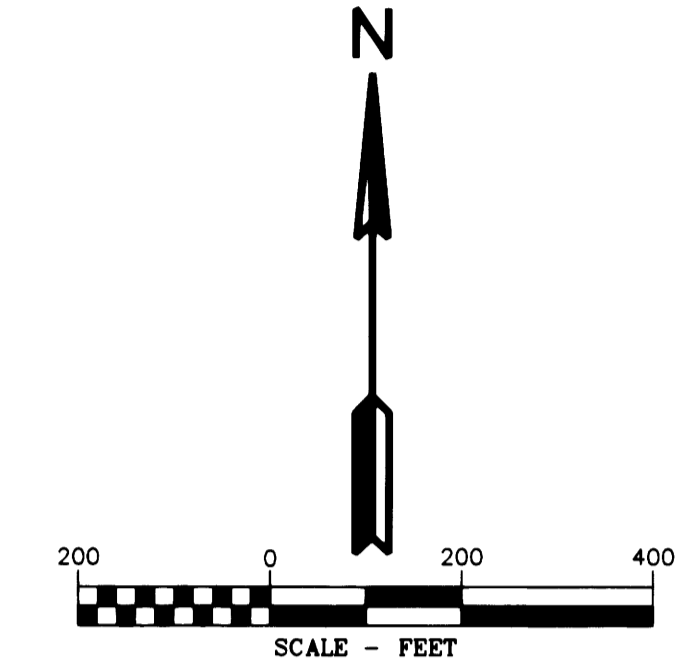
LOCATED IN
THE NW 1/4, THE NE 1/4 AND THE SE 1/4 OF SECTION 8
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 12-4-2014 By: JC
This survey consists of:
Map: M166-25 A-H
Corner: spt:
DOUGLAS COUNTY
SURVEYOR



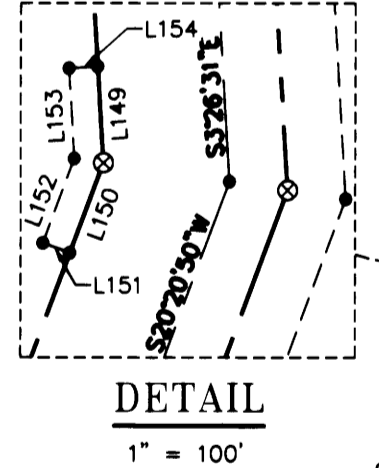
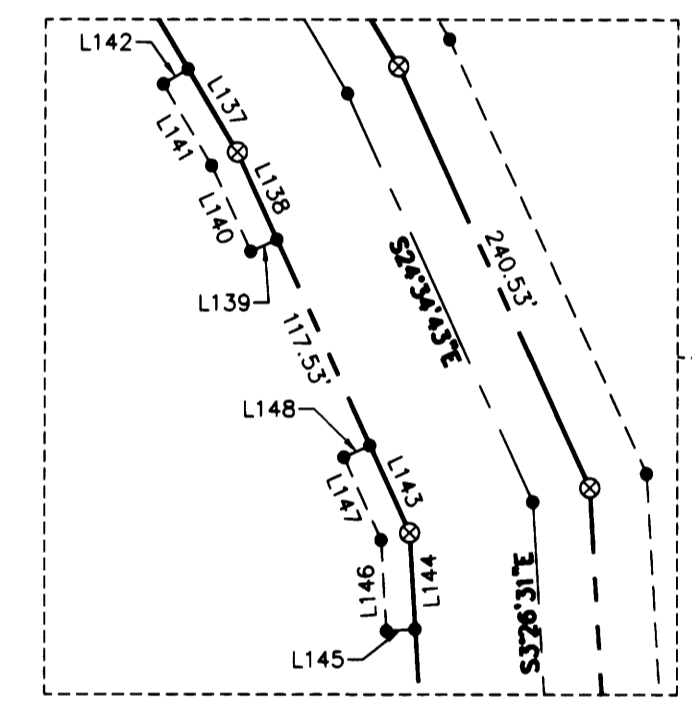
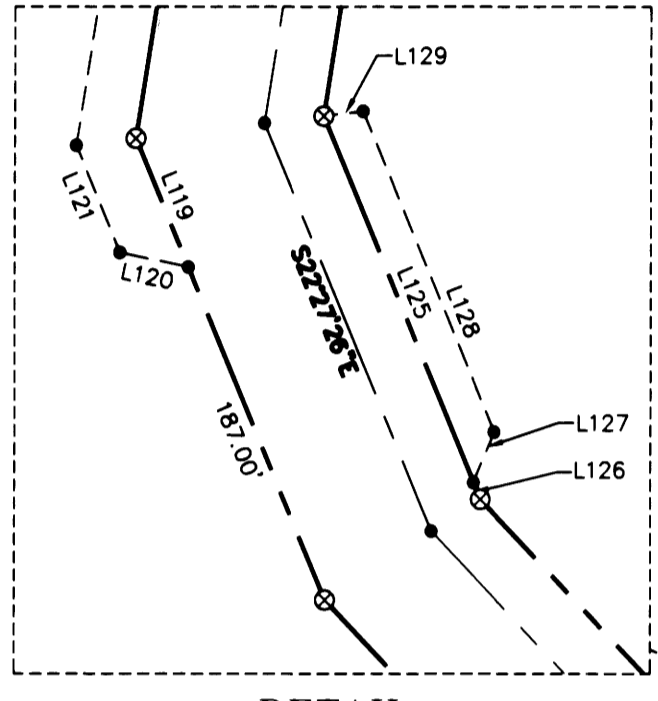
AREA SECTION 8

TEMPORARY CONSTRUCTION EASEMENT	13.39 ACRES
TEMPORARY WORK AREA	2.02 ACRES



LINE TABLE

Line #	Direction	Length
L116	S11°25'22"E	33.77
L117	S11°25'22"E	215.39
L118	S8°54'16"W	346.29
L119	S22°27'26"E	72.10
L120	S77°57'29"E	36.52
L121	S22°27'45"E	59.88
L122	S8°55'23"W	349.36
L123	S11°25'18"E	155.94
L124	S17°35'45"W	61.83
L125	S22°27'26"E	205.63
L126	S22°27'26"E	9.38
L127	S22°13'37"W	28.34
L128	S22°27'45"E	179.91
L129	N83°10'26"E	20.68
L130	N59°03'51"E	30.00
L131	S30°56'09"E	251.67
L132	S24°34'39"E	247.79
L133	S3°26'33"E	392.15
L134	S20°20'50"W	440.75
L135	S36°58'09"E	124.99
L136	S8°01'51"W	42.43
L137	S30°56'09"E	50.00
L138	S24°34'43"E	50.00
L139	S65°25'21"W	15.00
L140	N24°34'39"W	49.17
L141	N30°56'09"W	49.17
L142	N59°03'51"E	15.00
L143	S24°34'43"E	50.00
L144	S3°26'31"E	50.00
L145	S86°33'27"W	15.00
L146	N3°26'33"W	47.20
L147	N24°34'39"W	47.20
L148	N65°25'21"E	15.00
L149	S3°26'31"E	50.00
L150	S20°20'50"W	50.00
L151	N69°39'10"W	15.00
L152	N20°20'50"E	46.84
L153	N3°26'33"W	46.84
L154	N86°33'27"E	15.00



- LEGEND**
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
 - ⊙ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
 - ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
 - COMPUTED POINT, NOT MONUMENTED
 - ⊗ FOUND QUARTER CORNER SEE CORNER NOTES
 - ⊗ FOUND SECTION CORNER SEE CORNER NOTES
 - ⊗ COMPUTED QUARTER CORNER
 - ⊗ COMPUTED SECTION CORNER
 - ⑩ POINT NUMBER
 - PROPOSED ALIGNMENT
 - - - - - TEMPORARY CONSTRUCTION EASEMENT
 - - - - - TEMPORARY WORK AREA

REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON JULY 28, 1989
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
James M. Klein
OREGON JULY 12, 2005
JAMES M. KLEIN
59002
Expires 6-30-2015

D THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.
1330 Teakwood Avenue / Coos Bay, Oregon 97420
(541) 269-0732 / WWW.DYERPART.COM

KA Klein & Associates, Inc.
ENGINEERING • SURVEYING • PLANNING
1411 13th Street • Hood River, OR 97031
TEL: 541-386-3322 • FAX: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 08
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector
GAS PIPELINE

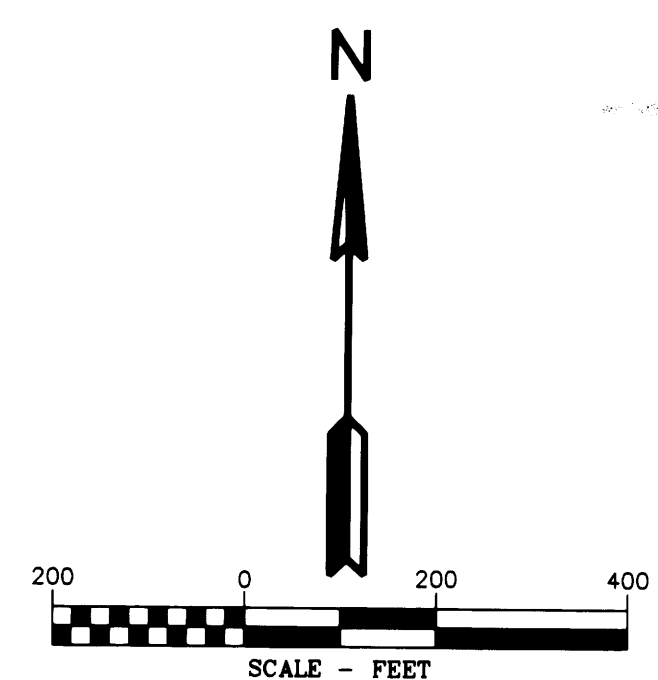
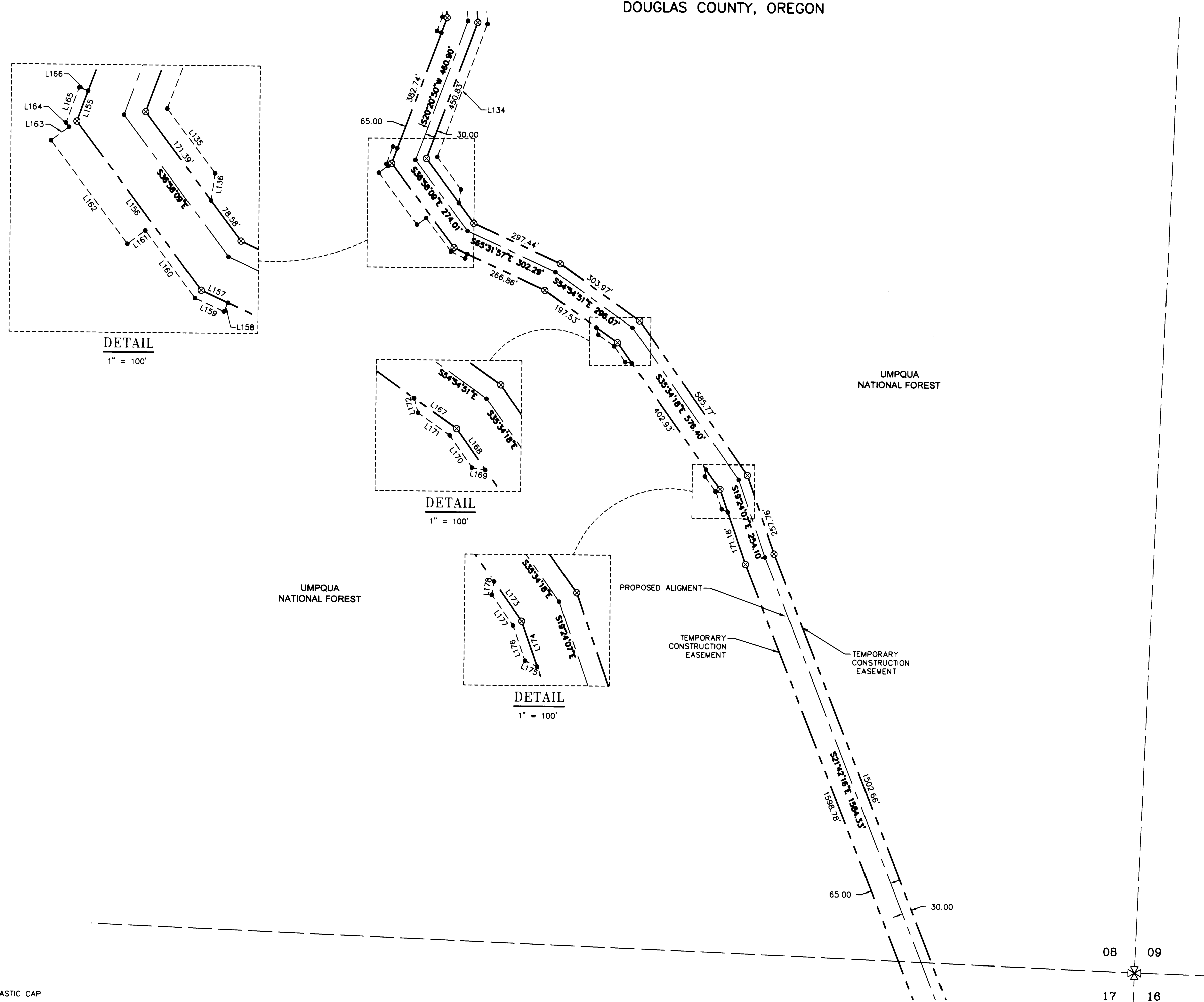
DRAWN BY: LIS	DATE: 09-10-2014	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 4 OF 8

RECORD OF SURVEY

REVISED SEE M166-35 A-H

LOCATED IN
THE NW 1/4, THE NE 1/4 AND THE SE 1/4 OF SECTION 8
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 12-4-2014 By: J.C.
This survey consists of:
Map: M166-25 A-H
Narrative:
Corner 1: pt:
DOUGLAS COUNTY SURVEYOR



Line #	Direction	Length
L155	S20°20'50"W	50.00
L156	N36°58'09"W	326.08
L157	S65°31'57"E	45.93
L158	S24°27'10"W	14.99
L159	N65°32'50"W	49.75
L160	N36°58'09"W	129.91
L161	S53°01'51"W	35.00
L162	N36°58'09"W	200.00
L163	N53°01'51"E	35.00
L164	N36°58'09"W	8.20
L165	N20°20'50"E	58.20
L166	S69°39'10"E	15.00
L167	S54°54'51"E	81.42
L168	S35°34'18"E	78.16
L169	S80°34'17"E	21.21
L170	S35°34'18"E	60.62
L171	S54°53'48"E	60.77
L172	S15°16'43"E	23.48
L173	S35°34'18"E	75.00
L174	S19°24'07"E	75.00
L175	S64°24'08"E	21.21
L176	S19°24'07"E	57.87
L177	S35°34'18"E	57.87
L178	S9°25'43"W	21.21

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
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- ⊞ FOUND SECTION CORNER SEE CORNER NOTES
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- ⊞ COMPUTED SECTION CORNER
- ① POINT NUMBER
- PROPOSED ALIGNMENT
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA

REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 28, 1988
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
James M. Klein
OREGON
JULY 12, 2009
JAMES M. KLEIN
59002
Expires 6-30-2015

D THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.
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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 08
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector
GAS PIPELINE

DRAWN BY: LJS	DATE: 09-10-2014	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 5 OF 8

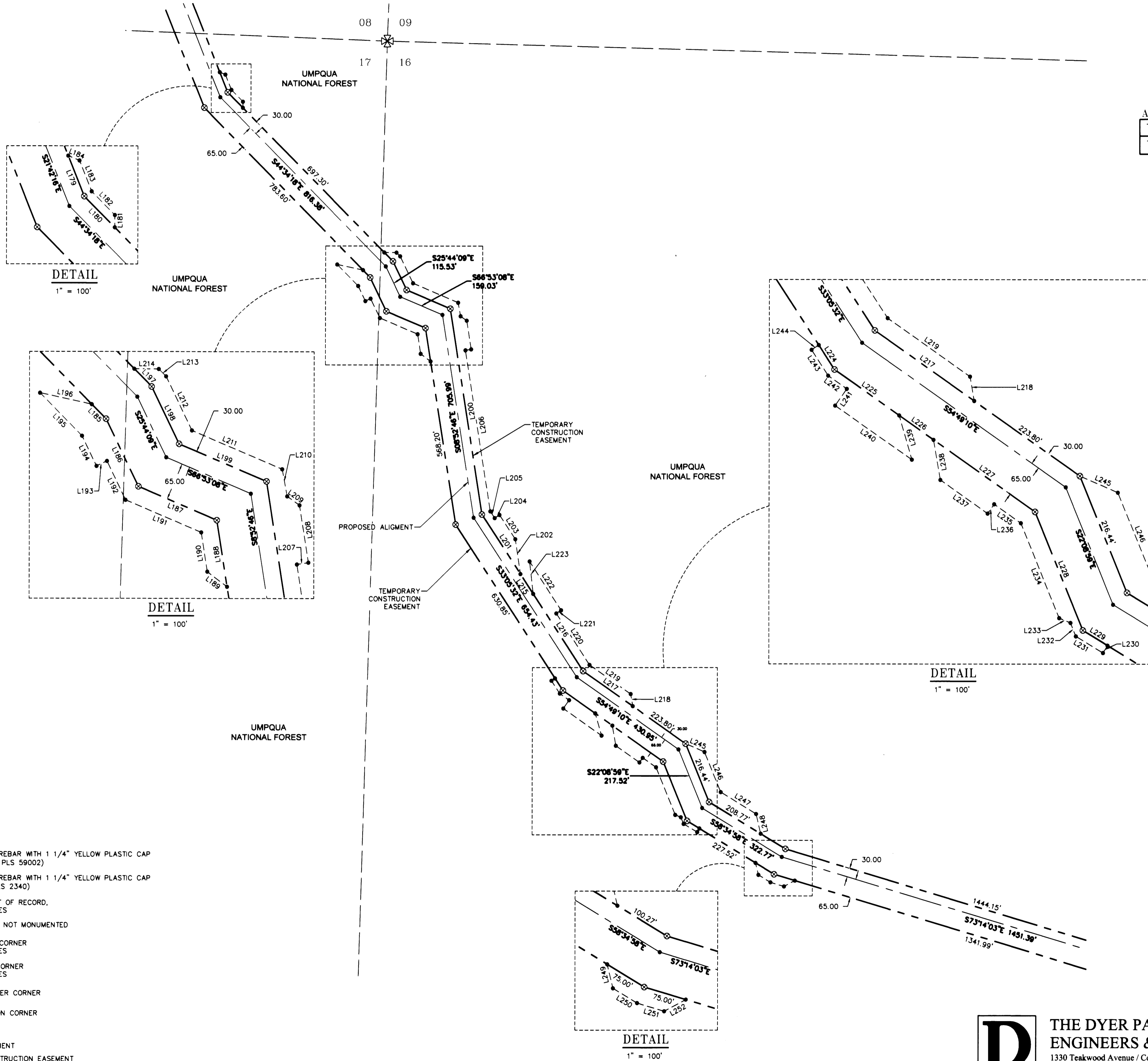
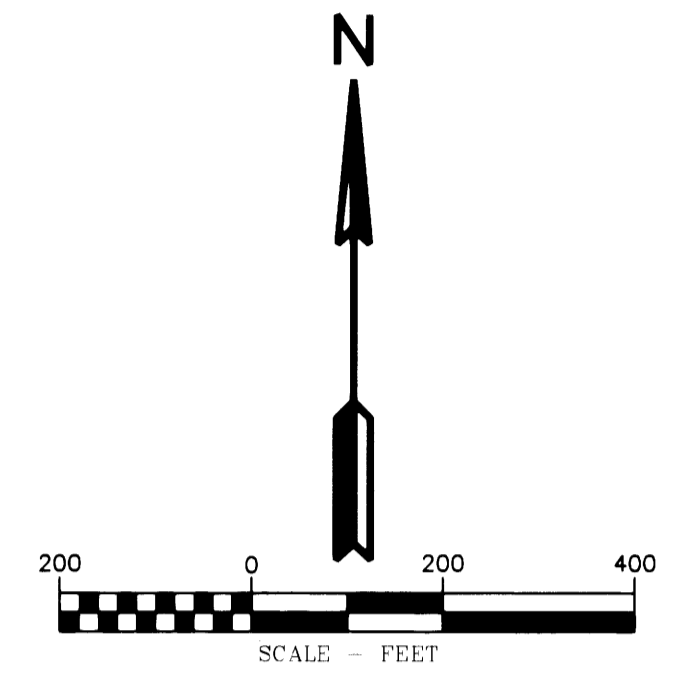
RECORD OF SURVEY

LOCATED IN
 THE NE 1/4 OF SECTION 17
 AND
 THE NW 1/4, THE SW 1/4 AND THE SE 1/4 OF SECTION 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

FILED
 Date: 12-10-14
 This survey consists of:
 Map: M166-35 A-H
 No. of: _____
 Corner kpts: _____
DOUGLAS COUNTY
SURVEYOR

AREA SECTION 17 & 16	
TEMPORARY CONSTRUCTION EASEMENT	17.45 ACRES
TEMPORARY WORK AREA	4.24 ACRES



LINE TABLE

Line #	Direction	Length	Line #	Direction	Length
L179	S21°42'16"E	75.00	L217	S54°49'10"E	210.18
L180	S44°34'18"E	75.00	L218	S9°51'04"E	42.45
L181	S0°25'42"W	21.21	L219	S54°49'10"E	174.39
L182	S44°34'18"E	56.97	L220	S33°05'32"E	211.17
L183	S21°42'16"E	56.97	L221	S56°54'25"W	20.00
L184	S66°42'16"E	21.21	L222	S33°05'35"E	200.00
L185	S44°34'18"E	35.15	L223	N6°31'41"W	111.80
L186	S25°44'09"E	129.14	L224	S33°05'32"E	50.00
L187	S66°53'08"E	147.40	L225	S54°49'10"E	136.67
L188	S8°52'46"E	115.70	L226	S54°49'10"E	72.65
L189	S53°11'05"E	42.95	L227	S54°49'10"E	215.05
L190	S8°52'46"E	68.33	L228	S22°08'59"E	219.87
L191	S66°53'08"E	142.03	L229	S58°34'58"E	50.00
L192	S25°44'09"E	74.32	L230	S31°25'02"W	15.00
L193	N64°15'51"E	20.00	L231	N58°34'58"W	54.94
L194	S25°44'09"E	57.79	L232	S22°08'58"E	24.95
L195	S44°34'18"E	103.47	L233	S67°09'00"E	21.21
L196	N77°42'08"W	91.48	L234	S22°08'59"E	176.06
L197	S44°34'18"E	42.99	L235	S54°49'10"E	56.56
L198	S25°44'09"E	109.24	L236	N35°10'50"E	19.84
L199	S66°53'08"E	164.41	L237	S54°49'10"E	100.00
L200	N8°52'46"W	716.19	L238	S9°51'04"E	70.24
L201	N33°05'32"W	244.29	L239	N16°09'36"W	79.33
L202	S8°38'17"E	120.78	L240	S54°58'36"E	161.95
L203	S33°05'35"E	100.00	L241	S35°10'50"W	35.00
L204	N56°54'25"E	20.00	L242	S54°49'10"E	39.55
L205	S33°05'32"E	27.90	L243	S33°05'32"E	52.88
L206	S8°52'46"E	560.53	L244	S56°54'28"W	15.00
L207	S81°07'14"W	20.00	L245	S66°29'50"E	71.53
L208	S8°52'46"E	100.00	L246	S22°08'59"E	148.84
L209	S54°19'32"E	26.22	L247	S58°34'58"E	143.14
L210	S10°27'57"E	47.48	L248	S13°06'16"E	70.13
L211	S66°53'08"E	169.78	L249	S13°34'58"E	42.43
L212	S25°44'09"E	102.96	L250	S58°34'58"E	48.86
L213	S44°34'18"E	17.96	L251	S73°13'48"E	48.86
L214	S89°34'18"E	42.43	L252	N61°46'12"E	42.43
L215	S33°05'32"E	81.02			
L216	S33°05'32"E	316.93			

REGISTERED PROFESSIONAL LAND SURVEYOR
 OREGON
 JULY 19, 2006
 JAMES M. KLEIN
 59002
 Expires 6-30-2015

KA
Klein & Associates, Inc.
 ENGINEERING • SURVEYING • PLANNING
 1411 13th Street Hood River, OR 97031
 TEL: 541-386-3322 • FAX: 541-386-2515

REGISTERED PROFESSIONAL LAND SURVEYOR
 OREGON
 JULY 26, 1988
 MICHAEL W. ERICKSON
 2340
 Expires 12-31-2015

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
- ⊙ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
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- COMPUTED POINT, NOT MONUMENTED
- ⊗ FOUND QUARTER CORNER, SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER, SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- POINT NUMBER
- PROPOSED ALIGNMENT
- - - TEMPORARY CONSTRUCTION EASEMENT
- · · TEMPORARY WORK AREA

D THE DYER PARTNERSHIP
 ENGINEERS & PLANNERS, INC.
 1330 Teakwood Avenue / Coos Bay, Oregon 97420
 (541) 269-0732 / WWW.DYERPART.COM

PACIFIC CONNECTOR GAS PIPELINE PROJECT
 PACIFIC CONNECTOR GAS PIPELINE, LP
 RECORD OF SURVEY
 SECTION 17 & 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY OREGON

Pacific Connector
 GAS PIPELINE

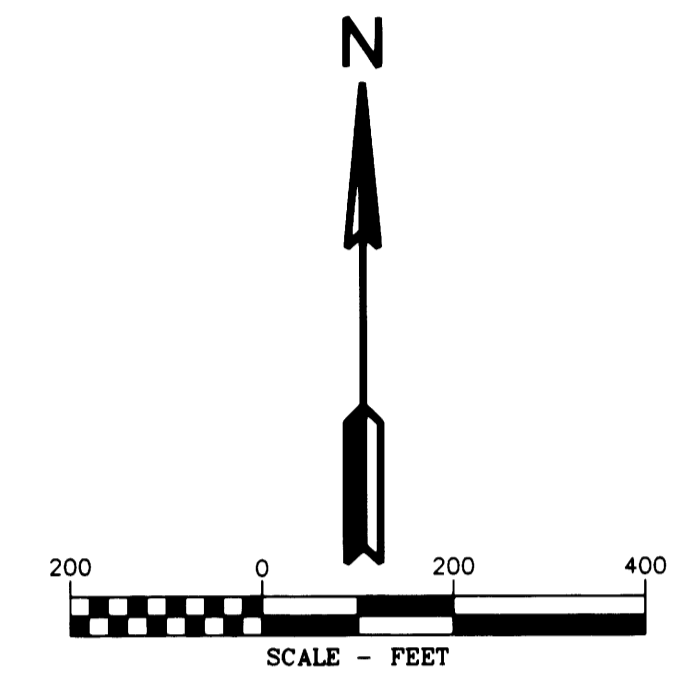
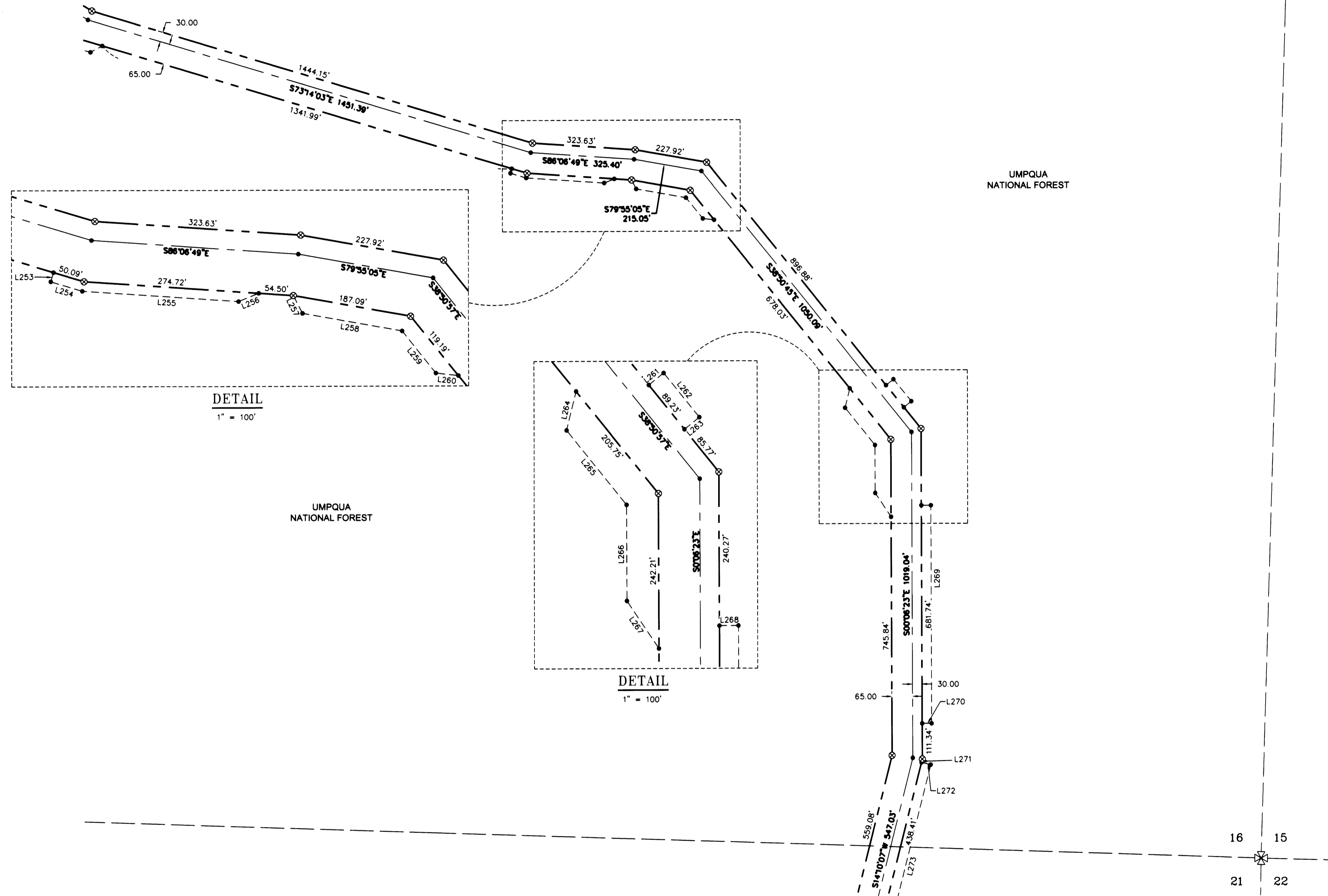
DRAWN BY: LJS	DATE: 09-10-2014	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 6 OF 8

RECORD OF SURVEY

LOCATED IN
 THE NW 1/4, THE SW 1/4 AND THE SE 1/4 OF
 SECTION 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

FILED
 Date: 12-14-2014 By: J.C.
 This survey consists of:
 Map: H. 166-25 A-H
 Narratives:
 Gunter's:
DOUGLAS COUNTY
 SURVEYOR



Line #	Direction	Length
L253	S16°46'12\"W	15.10
L254	S73°13'48\"E	51.70
L255	S86°07'39\"E	245.83
L256	N67°48'10\"E	34.16
L257	S27°05'32\"E	31.38
L258	S79°55'05\"E	158.86
L259	S38°50'45\"E	84.43
L260	S83°25'49\"E	35.54
L261	N51°09'15\"E	30.00
L262	S38°50'45\"E	89.23
L263	S51°09'15\"W	30.00
L264	S13°50'34\"W	62.82
L265	S38°50'32\"E	150.00
L266	S0°05'50\"E	150.00
L267	S33°53'25\"E	89.90
L268	N89°54'19\"E	29.95
L269	S0°05'41\"E	681.74
L270	S89°54'19\"W	29.81
L271	S14°10'07\"W	10.60
L272	S79°52'01\"E	29.80
L273	S14°07'59\"W	438.41

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
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- ⊠ FOUND QUARTER CORNER SEE CORNER NOTES
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- POINT NUMBER
- PROPOSED ALIGNMENT
- - - TEMPORARY CONSTRUCTION EASEMENT
- - - TEMPORARY WORK AREA

REGISTERED PROFESSIONAL LAND SURVEYOR
 MICHAEL W. ERICKSON
 2340
 Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
 JAMES M. KLEIN
 59002
 Expires 6-30-2015

THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.
 1330 Teakwood Avenue / Coos Bay, Oregon 97420
 (541) 269-0732 / WWW.DYERPART.COM

Klein & Associates, Inc.
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 TEL: 541-386-3322 • FAX: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT
 PACIFIC CONNECTOR GAS PIPELINE, LP
 RECORD OF SURVEY
 SECTION 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 09-10-2014	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWINGS NUMBER:	SHEET 7 OF 8

RECORD OF SURVEY

LOCATED IN
THE NE 1/4 OF SECTION 21
AND
THE NW 1/4 OF SECTION 22
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

REVISED SEE M166-35 A-H

LINE TABLE

Line #	Direction	Length
L273	S14°07'59"W	438.41
L274	N75°52'01"W	30.07
L275	S24°58'17"W	70.26
L276	S20°20'42"E	150.44
L277	N18°42'47"E	79.35
L278	N79°28'01"E	47.52
L279	S60°06'08"E	59.06
L280	S38°13'32"E	54.71
L281	S28°25'12"E	70.41
L282	S4°32'58"E	58.74
L283	S0°05'20"E	59.78
L284	S4°31'59"W	177.26
L285	N20°20'55"W	47.53
L286	N4°31'59"E	133.33
L287	N0°05'20"W	58.20
L288	N4°32'58"W	53.74
L289	N28°25'12"W	64.47
L290	N38°13'32"W	49.13
L291	N60°06'08"W	47.83
L292	S79°28'01"W	36.70
L293	N20°20'55"W	20.30
L294	S20°20'55"E	33.98
L295	S20°20'55"E	32.16
L296	S11°12'33"E	27.04
L297	N83°36'42"E	48.28
L298	N76°06'38"E	22.40
L299	N1°36'38"E	19.05
L300	N42°02'20"E	12.85
L301	N78°35'59"E	17.53
L302	S61°28'55"E	14.09
L303	S25°42'48"W	10.16
L304	S36°12'03"W	33.95
L305	S41°02'43"W	18.73
L306	S52°41'57"W	69.44
L307	S28°25'12"W	15.68
L308	S11°12'33"E	80.39
L309	S61°07'45"E	13.07
L310	S11°12'33"E	116.71
L311	S41°14'28"W	70.87
L312	S41°14'28"W	31.88
L313	S31°32'01"W	74.41
L314	S39°48'21"E	60.31
L315	S39°48'20"E	7.11
L316	N9°03'36"E	135.42
L317	S35°07'18"E	55.36
L318	S81°09'28"E	6.84
L319	N11°12'33"W	7.17
L320	N63°56'27"W	12.57
L321	N11°12'33"W	48.21
L322	N33°39'59"E	14.17
L323	S11°12'33"E	50.31
L324	S11°12'33"E	66.90
L325	S41°14'28"W	64.01
L326	S31°32'01"W	12.12
L327	S31°32'01"W	138.55
L328	N15°58'52"E	129.05
L329	N39°48'21"W	106.60
L330	N80°28'09"W	31.02
L331	N35°12'40"W	69.21
L332	N47°17'11"W	17.74
L333	N2°17'11"W	21.14
L334	S50°38'32"E	23.89
L335	N39°23'44"E	28.61
L336	S50°43'42"E	190.52
L337	S39°15'19"W	28.89
L338	S39°01'05"W	15.82
L339	S50°44'26"E	197.77
L340	N39°59'59"E	15.49

FILED
Date: 12-4-2014 By: J.C.
This survey consists of:
Map... M166-25 A-H
Manhole: _____
Cantier Post: _____
DOUGLAS COUNTY SURVEYOR

Line #	Direction	Length
L341	S50°38'32"E	2.95
L342	N39°21'28"E	30.00
L343	S50°38'32"E	42.40

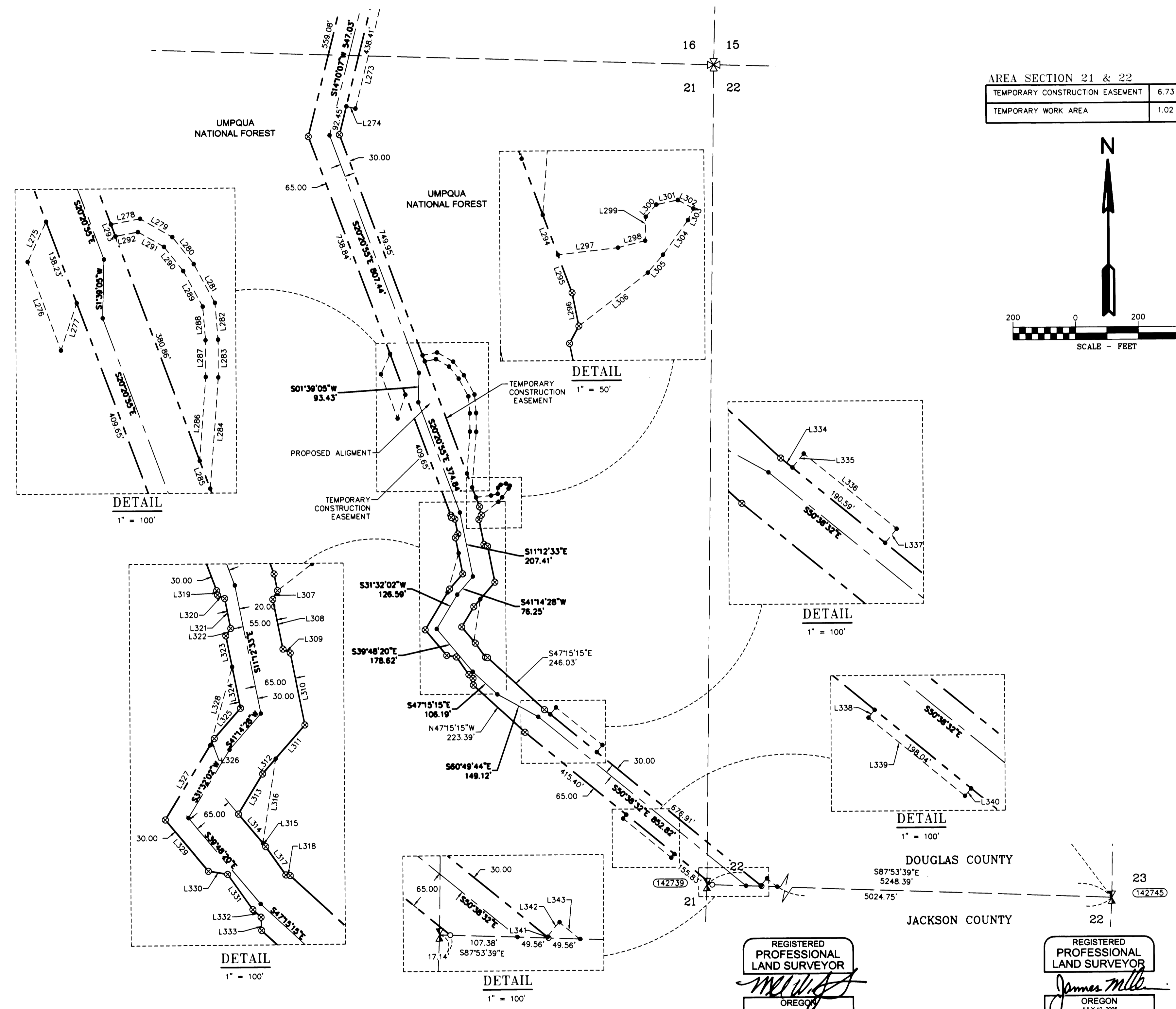
CORNER NOTES:

(142739)
WEST 1/4 CORNER SECTIONS 22
FOUND 2-1/2" BRASS CAP
STAMPED OLS 536, 1968
AND CS 1988
BT REFERENCES:
1) 15" CEDAR WITH HEALED FACE
AND TAG DATED 10/13
S 23° E - 9.0' TO NAIL SIDE CENTER
2) 24" D. FIR WITH TAG DATED 10/13
N 76° W - 46.4' TO NAIL SIDE CENTER

(142745)
EAST 1/4 CORNER SECTIONS 22
FOUND 2-1/2" BRASS CAP
STAMPED CS 1986
BT REFERENCES:
1) 12.5" D. FIR WITH HEALED FACE
AND TAG DATED 8/86
N 76° E - 28.4' TO NAIL SIDE CENTER
2) 28" D. FIR 50' SNAG WITH HEALED FACE
S 45° E - 7.5' NO TAG FOUND OR SET
3) 19.5" D. FIR 30' SNAG WITH VISIBLE SCRIBE
AND TAG DATED 8/86
S 10° W - 9.9'
4) 10" D. FIR BLAZED AND SCRIBED
SET TAG DATED 8/14
N 55° W - 11.95' TO NAIL SIDE CENTER

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
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- ⑩ POINT NUMBER
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA



AREA SECTION 21 & 22

TEMPORARY CONSTRUCTION EASEMENT	6.73 ACRES
TEMPORARY WORK AREA	1.02 ACRES

REGISTERED PROFESSIONAL LAND SURVEYOR
MICHAEL W. ERICKSON
2340
Expire 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
James M. Klein
Expire 6-30-2015

D THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.
1330 Teakwood Avenue / Coos Bay, Oregon 97420
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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTIONS 21 AND 22
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 09-10-2014	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 8 OF 8