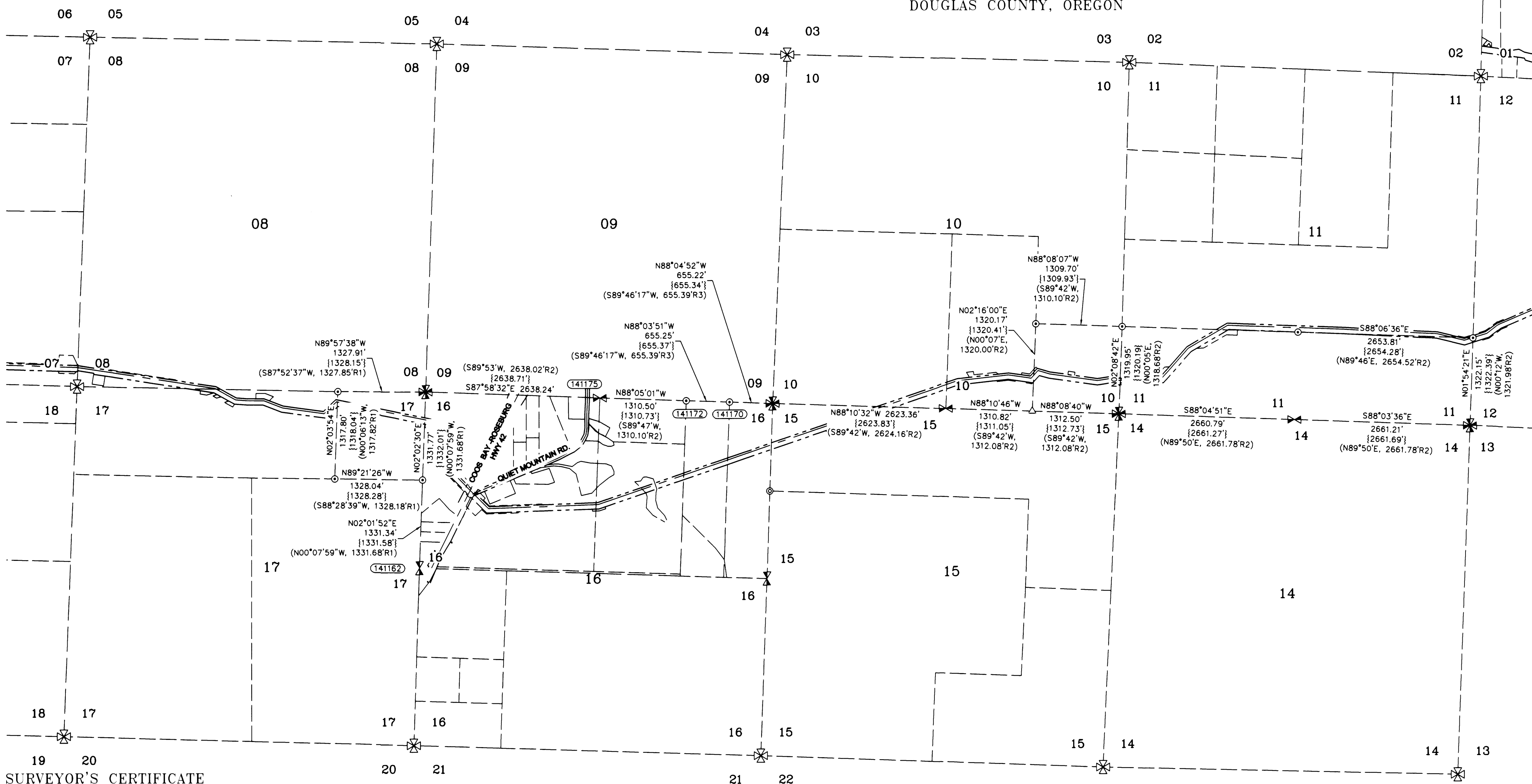


# AMENDED RECORD OF SURVEY

(SURVEY M166-24) LOCATED IN  
SECTIONS 10,11,15 AND 17  
TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
DOUGLAS COUNTY, OREGON

FILED  
Date: 8-24-2015 By: JC  
This survey consists of:  
Map: M166-41 A-D  
Narrative:  
Corner Rpt:

DOUGLAS COUNTY  
SURVEYOR



### CORNER NOTES:

- (141162)  
WEST 1/4 CORNER SECTION 16  
FOUND 2.5\" BRASS CAP  
STAMPED COUNTY SURVEYORS  
OFFICE DATED 1958  
BT REFERENCES:  
1) FOUND 31\" CEDAR SNAG WITH HEALED FACE  
AND TAG DATED 8/20/76  
N 14-1/2\" E - 30.6  
2) FOUND 9\" OAK WITH HEALED FACE  
AND TAG DATED 8/93  
N 28\" E - 61.0'  
3) FOUND 12\" OAK WITH HEALED FACE  
S 08-1/2\" W - 54.9' TO NAIL SIDE CENTER

- (141172)  
EAST 1/4 CORNER SECTIONS 16/9  
FOUND 3.25\" BRASS CAP  
STAMPED BLM 1980  
BT REFERENCES:  
1) FOUND 17.5\" FIR WITH HEALED FACE  
AND TAG DATED 6/80  
S 08-1/4\" W - 14.2'

### (141170)

- E-E 1/64 CORNER SECTIONS 16/9  
FOUND 5/8\" IRON ROAD WITH  
YELLOW PLASTIC CAP LANG SURVEYING  
BT REFERENCES:  
1) FOUND 23\" FIR WITH HEALED FACE  
AND TAG DATED 12/96  
N 43\" 25\" E - 5.5'  
2) FOUND 11\" FIR WITH HEALED FACE  
AND TAG DATED 12/96  
S 38\" 39\" E - 43.7'

### (141175)

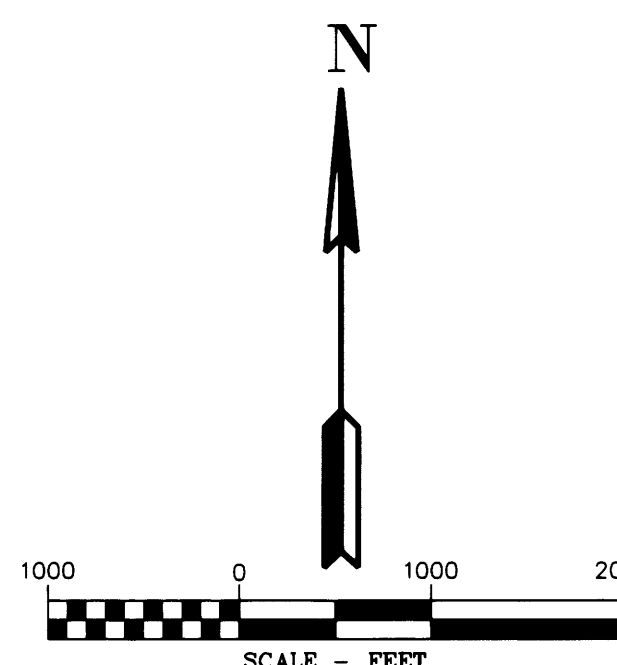
- NORTH 1/4 CORNER SECTION 16  
FOUND 2.5\" BRASS CAP  
STAMPED COUNTY SURVEYORS  
OFFICE DATED 1958  
BT REFERENCES:  
1) FOUND 30\" FIR STUMP 6\" TALL WITH HEALED FACE  
AND TAG DATED 10/58  
S 35\" E - 21.6'  
2) FOUND 15\" FIR WITH VISIBLE SCRIBE  
AND TAG DATED 10/30/06  
S 30\" E - 15.5'  
3) FOUND 10\" FIR WITH VISIBLE SCRIBE  
AND TAG DATED 10/30/06  
S 81\" W - 25.2'

### BASIS OF BEARINGS NOTE:

THE PROJECT DATUM IS BASED ON PREVIOUSLY  
ESTABLISHED PROJECT CONTROL.  
THE DATUM IS VERY CLOSE BUT NOT EXACTLY OREGON  
SOUTH ZONE 3602  
THE PROJECT BEARINGS MATCH  
THE OREGON SOUTH ZONE 3602 BEARINGS.

### NOTE:

DISTANCES ARE IN US SURVEY FEET.  
MEAN MERIDIAN CONVERGENCE ANGLE = -2°08'41\"



### LEGEND

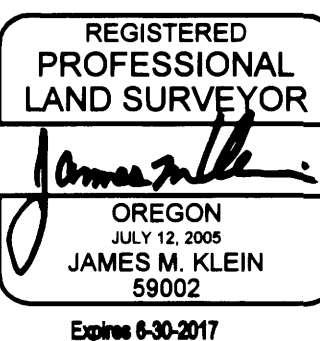
- SET 5/8\" X 24\" REBAR WITH 1/4\" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8\" X 24\" REBAR WITH 1/4\" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- △ CORNER SEARCHED AND NOT FOUND 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
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

### 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  
Expires 6-30-2017



### SHEET INDEX:

- SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
- SHEET 2 = SECTION 15 AND 17
- SHEET 3 = SECTION 10
- SHEET 4 = SECTION 11

### NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO AMEND THE SURVEY FILED AS COUNTY SURVEY NO. M166-24. THIS SURVEY SHOWS ADDITIONAL INFORMATION FOR THE FOUND AND RECORD DATA BETWEEN EXISTING MONUMENTS. THIS SURVEY ALSO HAS AN ADDITIONAL SURVEY CERTIFICATE SHOWN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN.

THE PUBLIC LAND MONUMENTS AND BREAKDOWN WAS VERIFIED BY DOUG POPHAM A CERTIFIED FEDERAL SURVEYOR WITH PRIMUM LAND SURVEYING.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP, UNDER THE DIRECT SUPERVISION OF MICHAEL W. ERICKSON. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

### SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED.  
THE COMBINED SCALE FACTOR = 0.999821141  
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000178891.

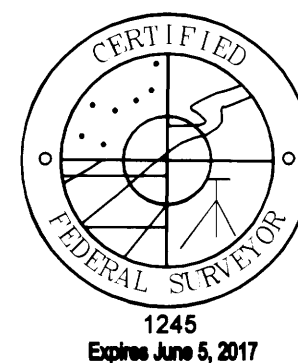
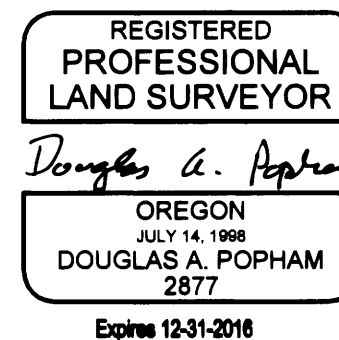
EXAMPLE: 300.00' GRID DISTANCE  
300.00' x 1.000178891 = 300.05' GROUND DISTANCE.

### SURVEYOR'S CERTIFICATE

I, DOUGLAS A. POPHAM BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON, ALSO BEING A CERTIFIED FEDERAL SURVEYOR, DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY THAT I HAVE REVIEWED AND VERIFIED. THIS SURVEY CONFORMS WITH THE REQUIREMENTS OF THE STATE OF OREGON SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209.

FURTHERMORE, I APPROVE THE DESCRIPTIONS, DIMENSIONS AND LOCATIONS OF THE RECOVERED MONUMENTS AS DEPICTED HEREON.

*Douglas A. Popham*  
DOUGLAS A. POPHAM PLS. 2877  
CFDS 1245  
Expires 12-31-2016



### REFERENCE SURVEYS:

- 1) BLM DEPENDENT RESURVEY NO. 6844 - SEPT. 2, 1998
- 2) BLM DEPENDENT RESURVEY NO. 5889 - JUNE 16, 1983
- 3) PARTITION PLAT NO. 1997-0130 - NOV. 19, 1997

### AMENDMENT NOTE:

PIPELINE DESIGN CHANGES HAVE OCCURRED SINCE THE FILING OF SURVEY M166-24. ALL MONUMENTS SET IN M166-24 THAT ARE NO LONGER PART OF THE UPDATED DESIGN HAVE BEEN REMOVED. NEW MONUMENTS HAVE BEEN SET AS SHOWN HEREON.

THE ADDITIONAL RECORD DATA IS BEING SHOWN ON THIS SURVEY.

### 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  
Expires 12-31-2016



WLLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON  
T.29S., R.08W

			10	11	
		17	15		

SURVEY PERFORMED FOR:  
WILLIAMS PACIFIC CONNECTOR  
DATE OF MONUMENTATION: FEBRUARY 5, 2014  
PROJECT: 14-02-05 DRAFT: GD, LS  
FILE: RS-29S-RO8W.DWG

**Primm Land Surveying, Inc.**  
1340 NE 4th Street, Hermiston, OR 97838  
TEL (541) 564-7887 FAX (541) 567-8020

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

**Klein & Associates, Inc.**  
ENGINEERING • SURVEYING • PLANNING  
1411 15th Street - Hood River, OR 97031  
TEL: 541-386-3322 • FAX: 541-386-2816

**PACIFIC CONNECTOR GAS PIPELINE PROJECT**  
PACIFIC CONNECTOR GAS PIPELINE, LP

**RECORD OF SURVEY**  
TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
DOUGLAS COUNTY, OREGON

DRAWN BY: GJD	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 1000'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 4