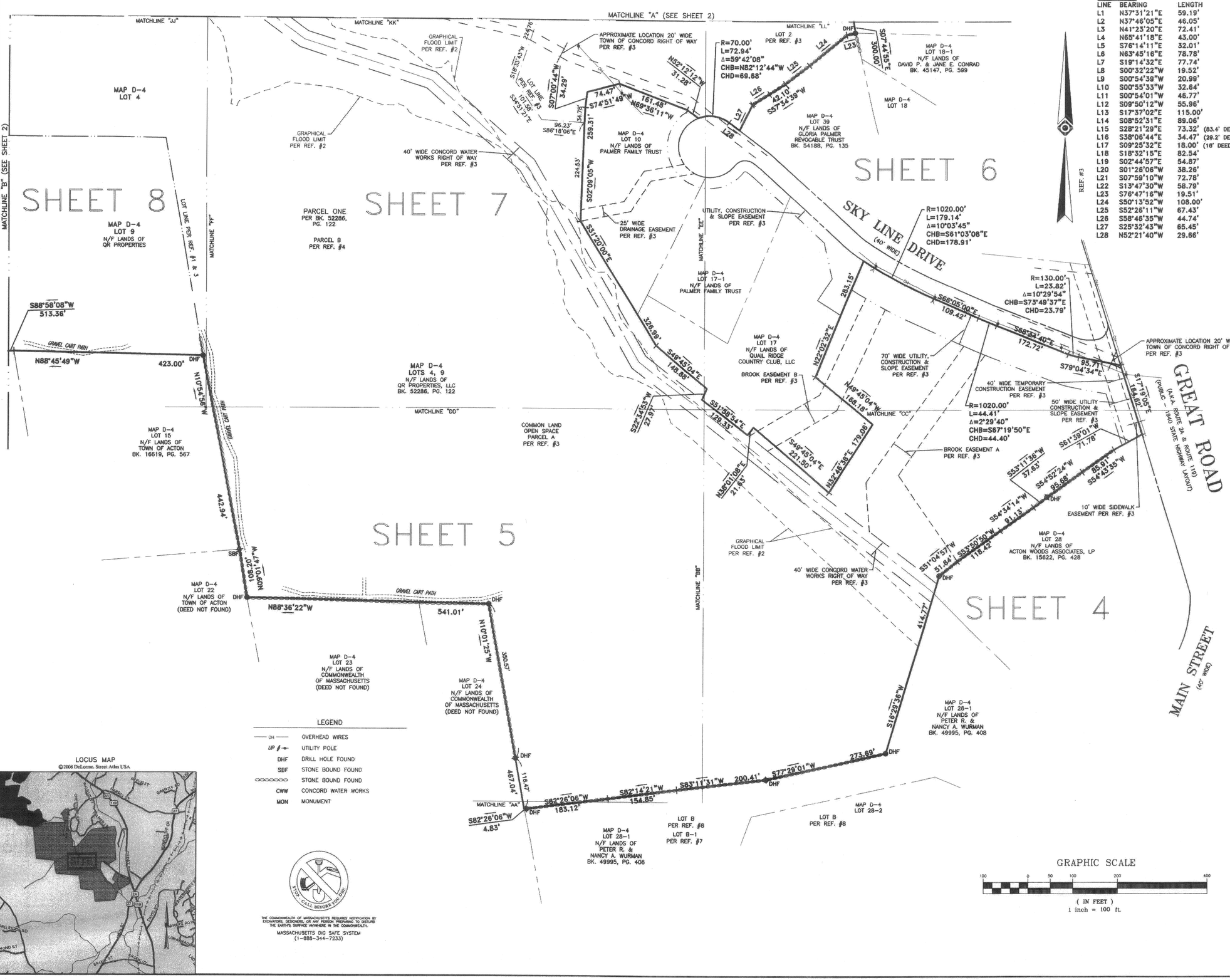


LINE TABLE			
LINE	BEARING	LENGTH	
L1	N37°31'21"E	59.19'	
L2	N37°46'05"E	46.05'	
L3	N41°23'20"E	72.41'	
L4	N65°41'18"E	43.00'	
L5	S76°14'11"E	32.01'	
L6	N63°45'16"E	78.78'	
L7	S19°14'32"E	77.74'	
L8	S00°32'22"W	19.52'	
L9	S00°54'39"W	20.99'	
L10	S00°55'33"W	32.64'	
L11	S00°54'01"W	46.77'	
L12	S09°50'12"W	55.96'	
L13	S17°37'02"E	115.00'	
L14	S08°52'31"E	89.06'	
L15	S28°21'29"E	73.32'	(83.4' DEED)
L16	S38°06'44"E	34.47'	(29.2' DEED)
L17	S09°25'32"E	18.00'	(18' DEED)
L18	S18°32'15"E	82.54'	
L19	S02°44'57"E	54.87'	
L20	S01°26'06"W	38.26'	
L21	S07°59'10"W	72.78'	
L22	S13°47'30"W	58.79'	
L23	S76°47'16"W	19.51'	
L24	S50°13'52"W	108.00'	
L25	S52°26'11"W	67.43'	
L26	S58°46'35"W	44.74'	
L27	S25°32'43"W	65.45'	
L28	N52°21'40"W	29.66'	

NOTES:

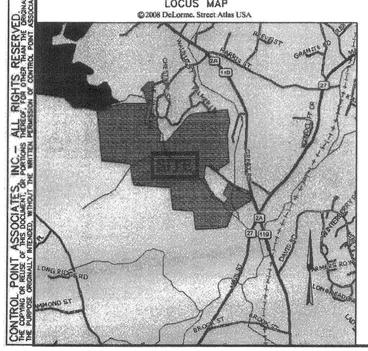
1. LOCUS KNOWN AS LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4, AS SHOWN ON THE TAX ASSESSOR'S MAP OF THE TOWN OF ACTON, MIDDLESEX COUNTY, COMMONWEALTH OF MASSACHUSETTS.
2. AREA = 6,775,570 S.F. OR 155.546 AC.
3. UNDERGROUND UTILITIES HAVE NOT BEEN SHOWN. BEFORE ANY SITE EVALUATION, PREPARATION OF DESIGN DOCUMENTS OR EXCAVATION IS TO BEGIN, THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE PROPER UTILITY COMPANIES.
4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.

   TOPOGRAPHY, CONTOURS AND SELECT DETAIL WERE DERIVED FROM A SET OF PLANS AND DIGITAL FILE BY STAMSKI AND McNARY, INC. (SEE REFERENCE #3) PROVIDED TO US BY PULTE HOMES OF NEW ENGLAND, LLC. CONTROL POINT ASSOCIATES DID NOT CONDUCT A TOPOGRAPHIC SURVEY AS PART OF THIS PROJECT. RANDOM SPOT ELEVATIONS WERE OBTAINED DURING OUR SURVEY TO CHECK THE ACCURACY OF THE TOPOGRAPHIC MAPPING IN SELECT AREAS ONLY. ADDITIONAL CHECKING MAY BE REQUIRED IN CRITICAL DEVELOPMENT AREAS PRIOR TO DESIGN AND CONSTRUCTION.
5. **THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE RESTRICTIONS, COVENANTS AND/OR EASEMENTS THAT MAY BE CONTAINED THEREIN.**
6. BY GRAPHIC PLOTTING ONLY PROPERTY IS PREDOMINANTLY LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN) AND PARTIALLY LOCATED IN FLOOD AREA ZONE X (AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD) AND ZONE AE (BASE FLOOD ELEVATIONS DETERMINED) PER REF. #2.
7. **THE PURPOSE OF THIS PLAN IS TO SHOW PROPERTY LINE INFORMATION OF LOTS 4 & 9, MAP D-4 & LOT 29, MAP C-4. IMPROVEMENTS HAVE NOT BEEN SHOWN PER CONTRACTUAL AGREEMENT WITH CLIENT.**
8. ELEVATIONS ARE BASED UPON REFERENCE #3, DESCRIBED THEREON AS NGVD29.
9. ONLY SELECT PLANIMETRIC INFORMATION IS SHOWN ON SHEETS 1 THROUGH 3.

REFERENCES:

1. THE TAX ASSESSOR'S MAP OF THE TOWN OF ACTON, MIDDLESEX COUNTY, COMMONWEALTH OF MASSACHUSETTS, MAPS C-4, C-5, D-4 & D-5.
2. MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, MIDDLESEX COUNTY, MASSACHUSETTS, (ALL JURISDICTIONS)," PANEL 243 OF 656, MAP NUMBER 25017C0243E, EFFECTIVE DATE: JUNE 4, 2010.
3. SET OF PLANS ENTITLED "THE RESIDENCES AT QUAIL RIDGE, SENIOR RESIDENCE SPECIAL PERMIT, ACTON, MASSACHUSETTS," PREPARED BY STAMSKI AND McNARY, INC., DATED: JULY 18, 2007, REV. NOVEMBER 14, 2008.
4. MAP ENTITLED "SKYLINE DRIVE, DEFINITIVE SUBDIVISION, ACTON, MASSACHUSETTS," PREPARED BY STAMSKI AND McNARY, INC., DATED: APRIL 14, 2003, REVISED ON JUNE 18, 2003, SHEET 1 THRU 4 OF 11, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON JULY 19, 2003 AS MAP #643 (1 THRU 4 OF 4) OF 2003 IN BK. 40020, PG. 23-26.
5. MAP ENTITLED "PLAN OF LAND IN ACTON, MASS, OWNED BY: ELIZABETH TOWNE," PREPARED BY JOSEPH W. MOORE CO., INC., DATED: APRIL 19, 1969 AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON NOVEMBER 21, 1969 AS MAP #1258 OF 1969 IN BK. 11769, PG. END.
6. MAP ENTITLED "PLAN OF LAND IN ACTON, MASS (MIDDLESEX COUNTY), PREPARED FOR: MORAN," PREPARED BY STAMSKI AND McNARY, INC., DATED: NOVEMBER 3, 1986, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON APRIL 22, 1987 AS MAP #531 OF 1987 IN BK. 18050, PG. 500.
7. MAP ENTITLED "PLAN OF LAND IN ACTON, MASS, OWNED BY: ESTATE OF WALDO LAPHAM," PREPARED BY R. D. NELSON, DATED: JUNE 2, 1980, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON OCTOBER 23, 1980 AS MAP #1299 OF 1980 IN BK. 14107, PG. 503.
8. MAP ENTITLED "PLAN OF LAND IN ACTON, MASS, OWNED BY: ESTATE OF WALDO LAPHAM," PREPARED BY R. D. NELSON, DATED: DECEMBER 28, 1979 AND REVISED ON MARCH 27, 1980, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON OCTOBER 23, 1980 AS MAP #1298 OF 1980 IN BK. 14107, PG. 503.
9. MAP ENTITLED "PLAN OF LAND IN ACTON OWNED BY ACTON CONSERVATION COMMISSION," PREPARED BY THE TOWN OF ACTON ENGINEERING DEPARTMENT, DATED: MARCH 20, 1980 AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON SEPTEMBER 16, 1980 AS MAP #1099 OF 1980 IN BK. 14066, PG. 131.
10. MAP ENTITLED "PLAN OF LAND IN ACTON, MASS. OWNED BY ROBERT S. & HELENA M. YOUNG," PREPARED BY ACTON SURVEY & ENGINEERING, INC., DATED: APRIL 17, 1975 AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON DECEMBER 2, 1975 AS MAP #1278 OF 1975 IN BK. 12902, PG. 197.
11. MAP ENTITLED "ACORN PARK, ACTON, MASSACHUSETTS, DEFINITIVE SUBDIVISION, PLANNED UNIT DEVELOPMENT" PREPARED BY STAMSKI AND McNARY, INC., DATED: JULY 28, 1993, REVISED ON NOVEMBER 27, 1993, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT ON JANUARY 12, 1994, AS MAP #27 (SHEETS 1-8) OF 1994 IN BK. 24159, PGS. 288 THROUGH 295.
12. MAP ENTITLED "RECORD PLAN OF LAND ON GREAT ROAD IN ACTON, MASS." PREPARED BY NOLAN ENGINEERING SERVICE, DATED: JUNE 12, 1976, AND RECORDED IN THE MIDDLESEX COUNTY REGISTRY OF DEEDS SOUTHERN DISTRICT AS MAP #691 OF 1978 IN BK. 13512, PG. 353.

LOCUS MAP



LEGEND

—— OH ——	OVERHEAD WIRES
UP	UTILITY POLE
DHF	DRILL HOLE FOUND
SBF	STONE BOUND FOUND
○○○○○○	STONE BOUND FOUND
CWW	CONCORD WATER WORKS
MON	MONUMENT

STOP - CALL BEFORE YOU DIG!

THE COMMONWEALTH OF MASSACHUSETTS REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

MASSACHUSETTS DIG SAFE SYSTEM (1-888-344-7233)

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

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No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	--	J.P.	A.J.L.	6-13-11

THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR BLUE INK SEAL

COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

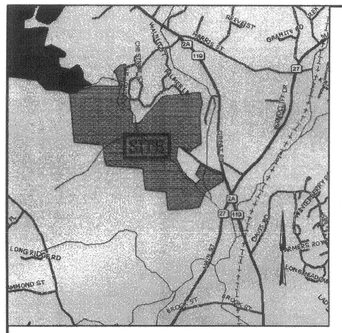
A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

CONTROL POINT ASSOCIATES, INC.
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
508.948.3000 - 508.948.3003 FAX
WARREN, NJ 908.668.0099
CHALFONT, PA 215.712.9800

REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=100'	CM11003	1 OF 15


SITE
LONGFELLOW RD
RICHMOND ST
LEXINGTON
BEDFORD
GRANITE RD
ROCKY HILL RD
CONCORD
ROUTE 2A
ROUTE 110
ROUTE 27
ROUTE 62
ROUTE 225
ROUTE 111
ROUTE 119
ROUTE 117
ROUTE 2
ROUTE 495
ROUTE 290
ROUTE 495
ROUTE 90
ROUTE 93
ROUTE 95
ROUTE 128
ROUTE 24
ROUTE 140
ROUTE 146
ROUTE 495
ROUTE 290
ROUTE 395
ROUTE 84
ROUTE 169
ROUTE 12
ROUTE 20
ROUTE 9
ROUTE 30
ROUTE 16
ROUTE 135
ROUTE 122
ROUTE 122A
ROUTE 122
ROUTE 146
ROUTE 146A
ROUTE 146
ROUTE 16

LOCUS MAP
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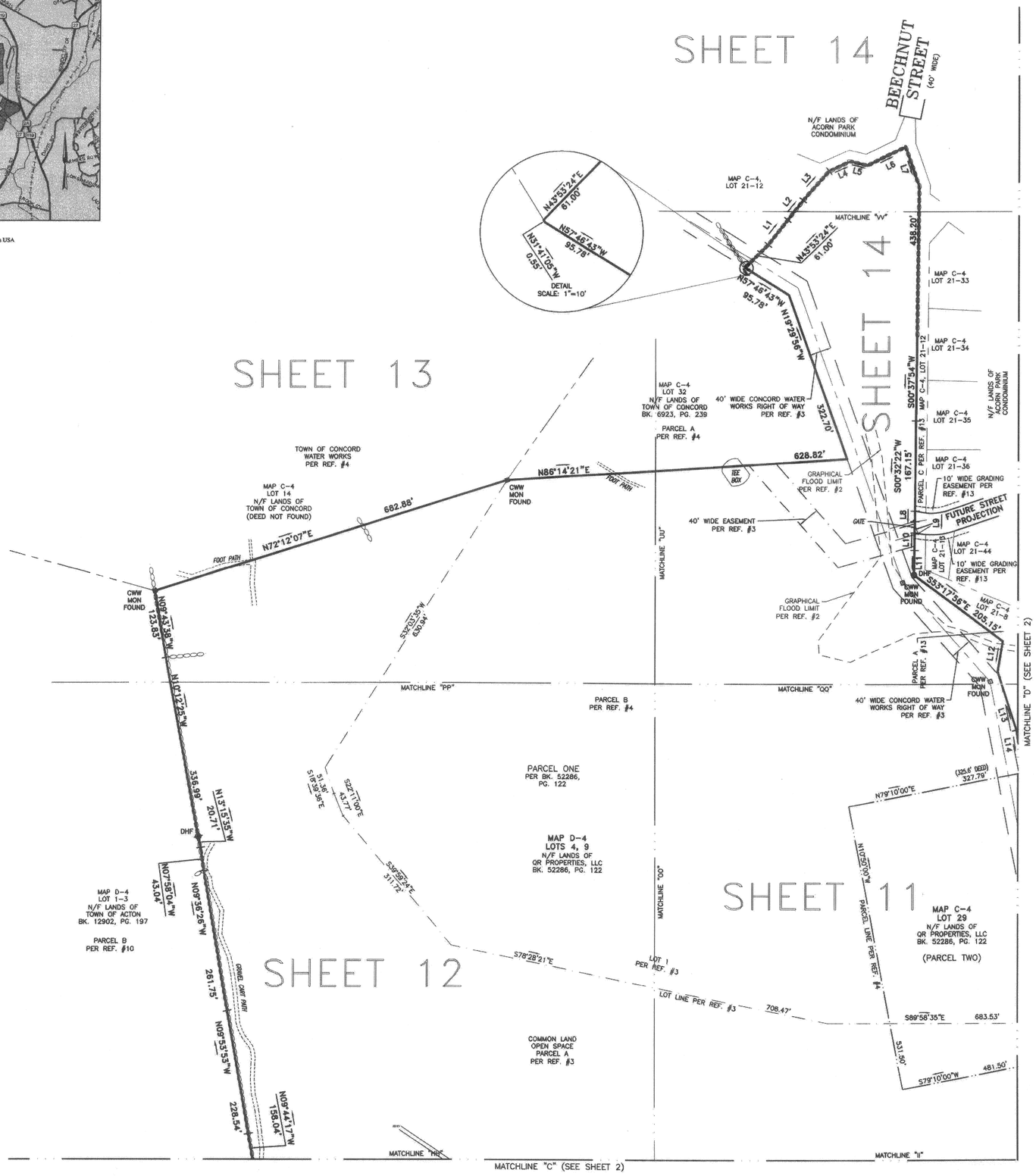

REF. #3

LINE TABLE

LINE	BEARING	LENGTH	
L1	N37°31'21"E	59.19'	
L2	N37°46'05"E	46.05'	
L3	N41°23'20"E	72.41'	
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L26	S58°46'35"W	44.74'	
L27	S25°32'43"W	65.45'	
L28	N52°21'40"W	29.66'	

LEGEND

—— OH ——	OVERHEAD WIRES
UP	UTILITY POLE
DHF	DRILL HOLE FOUND
SBF	STONE BOUND FOUND
	STONE BOUND FOUND
CWW	CONCORD WATER WORKS
MON	MONUMENT

SEE SHEET 1 FOR NOTES AND REFERENCES

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

CONTROL POINT ASSOCIATES, INC.
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
508.948.3000 - 508.948.3003 FAX
WARREN, NJ 908.668.0099
CHALFONT, PA 215.712.9800

REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=100'	CM11003	3 OF 15

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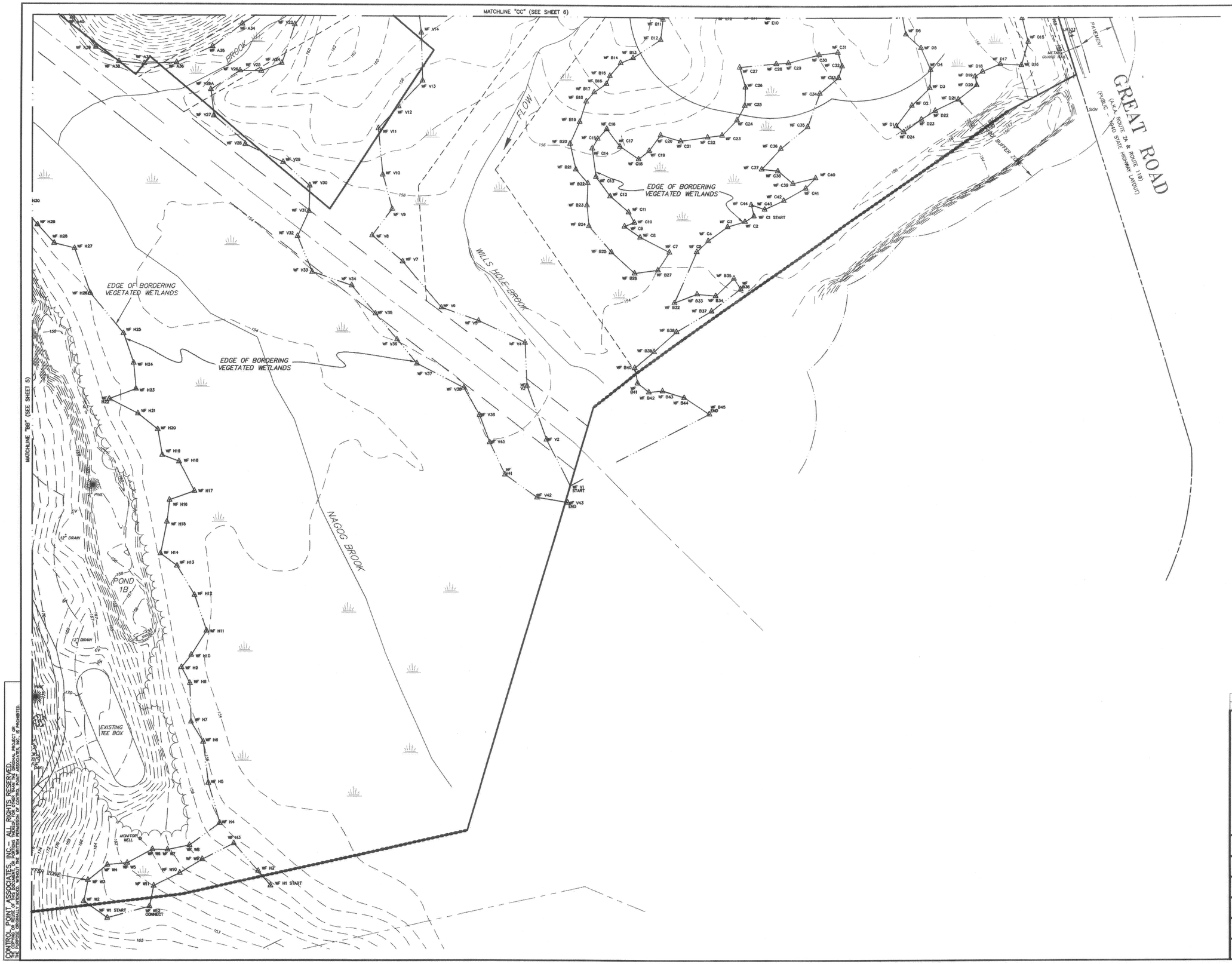

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
	FENCE LINE
	GUARD RAIL
CV	CONTROL VALVE
SH	SPRINKLER HEAD
	MONITORING WELL
	SIGN
8" DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
UP	LIGHT POST
GV	GAS VALVE
PIV	POINT INDICATOR VALVE
WV	WATER VALVE
W	WATER WELL
DMH	DRAINAGE/STORM MANHOLE
CB	CATCH BASIN OR INLET
	STORM LINE
WF ##	DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	-	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS
A. JOHN LLOYD
#38385
PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011	BOUNDARY & TOPOGRAPHIC SURVEY FOR
FIELD BOOK NO.: CP11-03	QR PROPERTIES, LLC
FIELD BOOK PG.: 4-10	358 GREAT ROAD LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4 TOWN OF ACTON, MIDDLESEX COUNTY COMMONWEALTH OF MASSACHUSETTS
FIELD CREW: R.S./C.S.	CONTROL POINT ASSOCIATES, INC. 352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 508.948.3000 - 508.948.3003 FAX WARREN, NJ 908.668.0099 CHALFONT, PA 215.712.9800
DRAWN: J.P.	

REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	4 OF 15

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LEGEND

- OVERHEAD WIRES
- UTILITY POLE
- APPROX. LOC. UNDERGROUND ELEC. LINE
- APPROX. LOC. UNDERGROUND WATER LINE
- STONE ROW OR WALL
- CWW — CONCORD WATER WORKS
- MON — MONUMENT
- 124 — EXISTING CONTOUR
- 125 — EXISTING CONTOUR
- FENCE LINE
- GUARD RAIL
- CV — CONTROL VALVE
- SH — SPRINKLER HEAD
- MONITORING WELL
- SIGN
- 12" DRAIN — YARD DRAIN
- TREE (WITH SIZE AND TYPE)
- LP — LIGHT POST
- GV — GAS VALVE
- PIV — POINT INDICATOR VALVE
- WV — WATER VALVE
- W — WATER WELL
- DMH — DRAINAGE/STORM MANHOLE
- CB — CATCH BASIN OR INLET
- STORM LINE
- WF #1 — DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

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1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS — A. JOHN LLOYD #38385 — PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.
REVIEWED: W.P.H.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
J.D.B.	6-7-11	1"=40'	CM11003	5 OF 15

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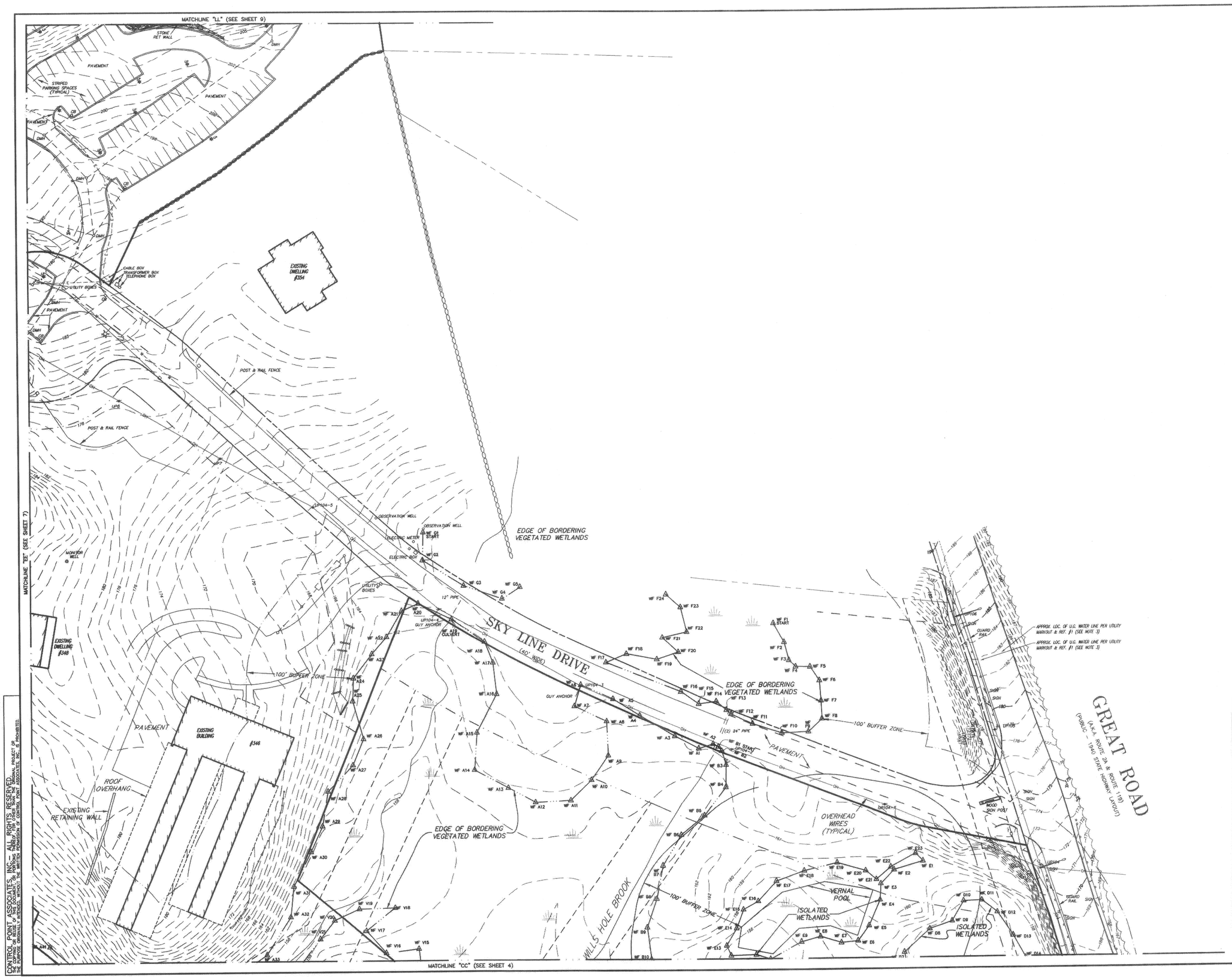

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124	EXISTING CONTOUR
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	FENCE LINE
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6" DRAIN	YARD DRAIN
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	STORM LINE
WF #	DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

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1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

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A. JOHN LLOYD
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6/13/11
DATE

A. JOHN LLOYD
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FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.
REVIEWED: W.P.H.
APPROVED: J.D.B.
DATE: 6-7-11
SCALE: 1"=40'
FILE NO.: CM11003
DWG. NO.: 6 OF 15

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

CONTROL POINT ASSOCIATES, INC.
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
508.948.3000 - 508.948.3003 FAX
WARREN, NJ 908.668.0099
CHALFONT, PA 215.712.9800

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MATCHLINE "KK" (SEE SHEET 10)

MATCHLINE "FF" (SEE SHEET 8)

MATCHLINE "EE" (SEE SHEET 6)

MATCHLINE "DD" (SEE SHEET 5)

NAGOG BROOK

EDGE OF BORDERING VEGETATED WETLANDS

EXISTING POND 14

EXISTING PUTTING GREEN

EXISTING SAND TRAP

EXISTING TEE BOX

EXISTING POND 18

EXISTING BARN

PAVEMENT

EXISTING DWELLING #350

EXISTING DWELLING #348

SHED (TO BE RELOCATED)

100' BUFFER ZONE

190' BUFFER ZONE

EXISTING POND

EXISTING POND 16 TOP WATER ELEV.=207.4

LEDGE OUTCROP

GRANITE STEPS

MONITOR WELL

REF. #3

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
	FENCE LINE
	GUARD RAIL
CV	CONTROL VALVE
	SPRINKLER HEAD
	MONITORING WELL
	SIGN
DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
	LIGHT POST
GV	GAS VALVE
PIV	POINT INDICATOR VALVE
WV	WATER VALVE
WELL	WATER WELL
DMH	DRAINAGE/STORM MANHOLE
CB	CATCH BASIN OR INLET
	STORM LINE
WF #	DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS
A. JOHN LLOYD
#38385
PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE	MAY 2011
FIELD BOOK NO.	CP11-03
FIELD BOOK PG.	4-10
FIELD CREW	R.S./C.S.
DRAWN:	J.P.
REVIEWED:	W.P.H.
APPROVED:	J.D.B.
DATE	6-7-11
SCALE	1"=40'
FILE NO.	CM11003
DWG NO.	7 OF 15

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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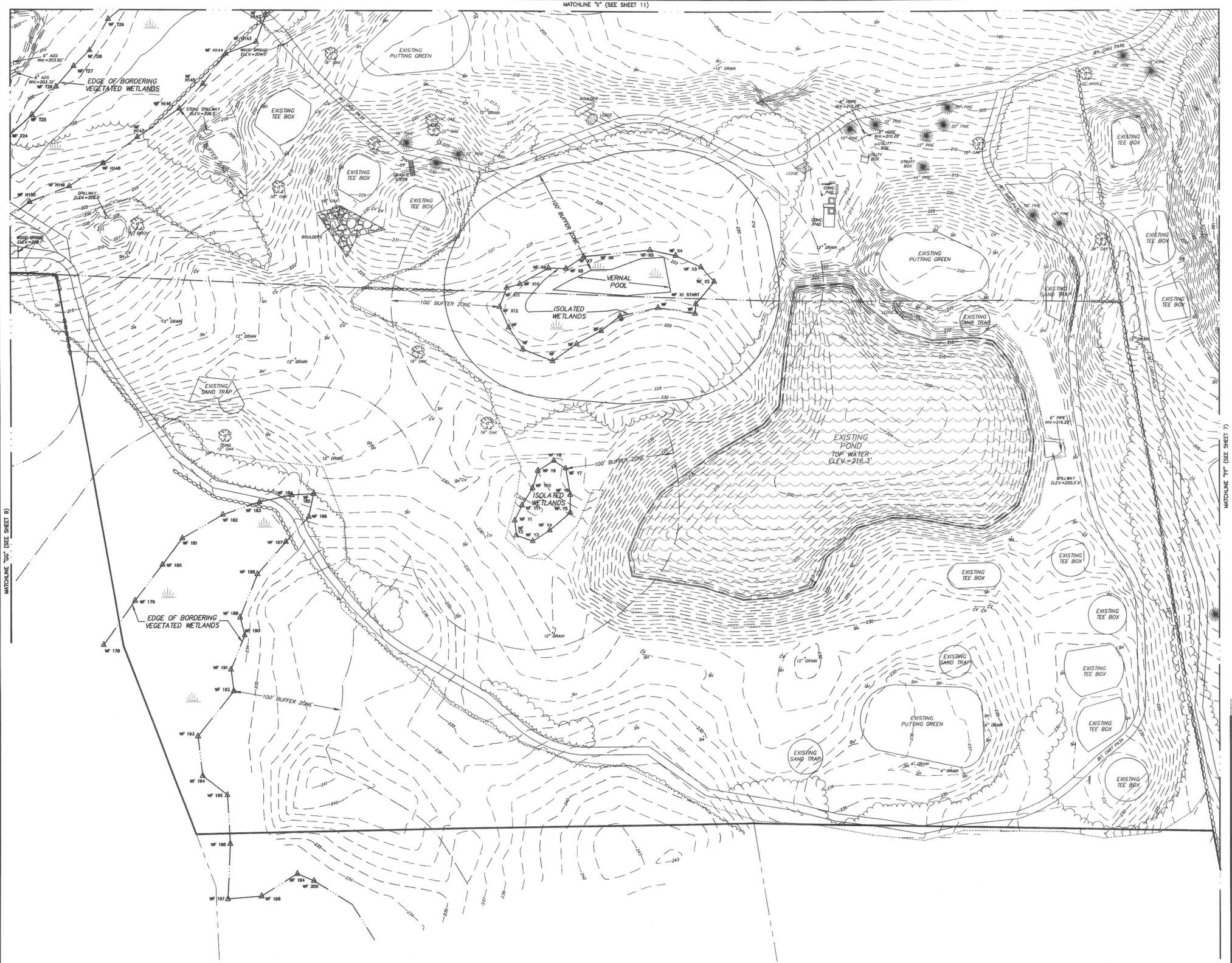

LEGEND

—OH—	OVERHEAD WIRES
UP	UTILITY POLE
—E—	APPROX. LOC. UNDERGROUND ELEC. LINE
—W—	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
	FENCE LINE
	GUARD RAIL
CV	CONTROL VALVE
SH	SPRINKLER HEAD
MW	MONITORING WELL
	SIGN
8" DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
LP	LIGHT POST
GV	GAS VALVE
PIV	POINT INDICATOR VALVE
WV	WATER VALVE
WW	WATER WELL
DMH	DRAINAGE/STORM MANHOLE
CB	CATCH BASIN OR INLET
	STORM LINE
WF 88	DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS
A. JOHN LLOYD
#38385
PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE	MAY 2011
FIELD BOOK NO.	CP11-03
FIELD BOOK PG.	4-10
FIELD CREW	R.S./C.S.
DRAWN:	J.P.
REVIEWED:	W.P.H.
APPROVED:	J.D.B.
DATE	6-7-11
SCALE	1"=40'
FILE NO.	CM11003
DWG. NO.	8 OF 15

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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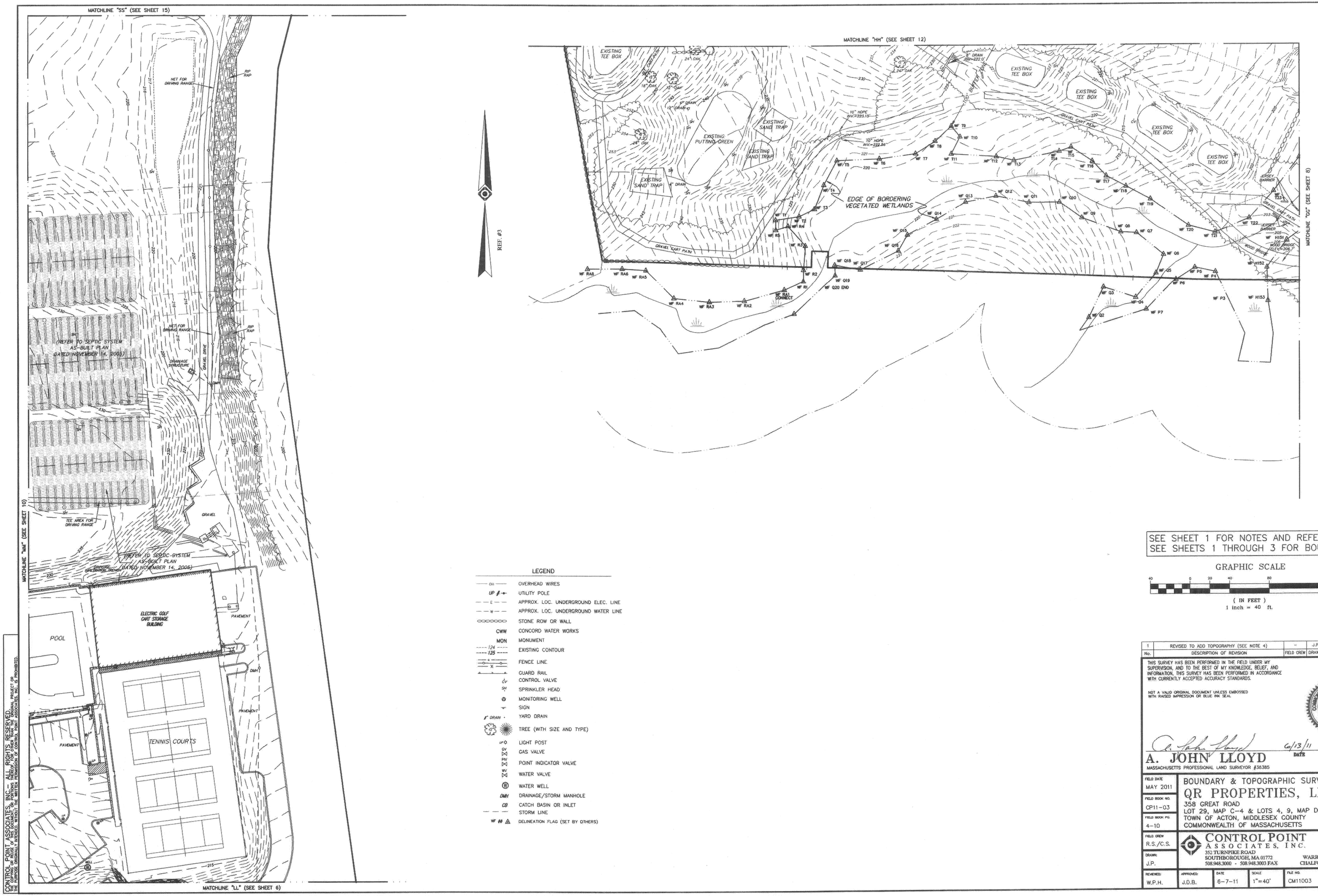

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

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(IN FEET)
1 inch = 40 ft.

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
	FENCE LINE
X	GUARD RAIL
CV	CONTROL VALVE
SH	SPRINKLER HEAD
	MONITORING WELL
	SIGN
DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
LP	LIGHT POST
GV	GAS VALVE
PIV	POINT INDICATOR VALVE
WV	WATER VALVE
W	WATER WELL
DMH	DRAINAGE/STORM MANHOLE
CB	CATCH BASIN OR INLET
	STORM LINE
WF	DELINEATION FLAG (SET BY OTHERS)

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	-	J.P.	A.J.L.	6-13-11

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COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	9 OF 15

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LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
	FENCE LINE
	GUARD RAIL
CV	CONTROL VALVE
SH	SPRINKLER HEAD
	MONITORING WELL
	SIGN
DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
LP	LIGHT POST
GV	GAS VALVE
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DMH	DRAINAGE/STORM MANHOLE
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SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

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COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	10 OF 15

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LEGEND

- OVERHEAD WIRES
- UTILITY POLE
- APPROX. LOC. UNDERGROUND ELEC. LINE
- APPROX. LOC. UNDERGROUND WATER LINE
- STONE ROW OR WALL
- CWW — CONCORD WATER WORKS
- MON — MONUMENT
- 124 — EXISTING CONTOUR
- 125 — FENCE LINE
- GUARD RAIL
- CV — CONTROL VALVE
- SH — SPRINKLER HEAD
- MONITORING WELL
- SIGN
- YARD DRAIN
- TREE (WITH SIZE AND TYPE)
- LIGHT POST
- GAS VALVE
- POINT INDICATOR VALVE
- WATER VALVE
- WATER WELL
- DMH — DRAINAGE/STORM MANHOLE
- CB — CATCH BASIN OR INLET
- STORM LINE
- WF ## — DELINEATION FLAG (SET BY OTHERS)

REF. #3

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

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COMMONWEALTH OF MASSACHUSETTS
A. JOHN LLOYD
#38385
PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE	MAY 2011
FIELD BOOK NO.	CP11-03
FIELD BOOK PG.	4-10
FIELD CREW	R.S./C.S.
DRAWN:	J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	11 OF 15

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LEGEND

- OVERHEAD WIRES
- UTILITY POLE
- APPROX. LOC. UNDERGROUND ELEC. LINE
- APPROX. LOC. UNDERGROUND WATER LINE
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- MONITORING WELL
- SIGN
- YARD DRAIN
- TREE (WITH SIZE AND TYPE)
- LIGHT POST
- GAS VALVE
- POINT INDICATOR VALVE
- WATER VALVE
- WATER WELL
- DMH — DRAINAGE/STORM MANHOLE
- CB — CATCH BASIN OR INLET
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- WF ## — DELINEATION FLAG (SET BY OTHERS)

SEE SHEET 1 FOR NOTES AND REFERENCES
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GRAPHIC SCALE

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(IN FEET)
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COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	12 OF 15

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LEGEND

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- CWW — CONCORD WATER WORKS
- MON — MONUMENT
- 124 / 125 — EXISTING CONTOUR
- FENCE LINE
- GUARD RAIL
- CV — CONTROL VALVE
- SY — SPRINKLER HEAD
- MONITORING WELL
- SIGN
- 4" DRAIN — YARD DRAIN
- TREE (WITH SIZE AND TYPE)
- LP — LIGHT POST
- GV — GAS VALVE
- PIV — POINT INDICATOR VALVE
- WV — WATER VALVE
- WELL — WATER WELL
- DMH — DRAINAGE/STORM MANHOLE
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GRAPHIC SCALE

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COMMONWEALTH OF MASSACHUSETTS — A. JOHN LLOYD #38385 — PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
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LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

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REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	13 OF 15

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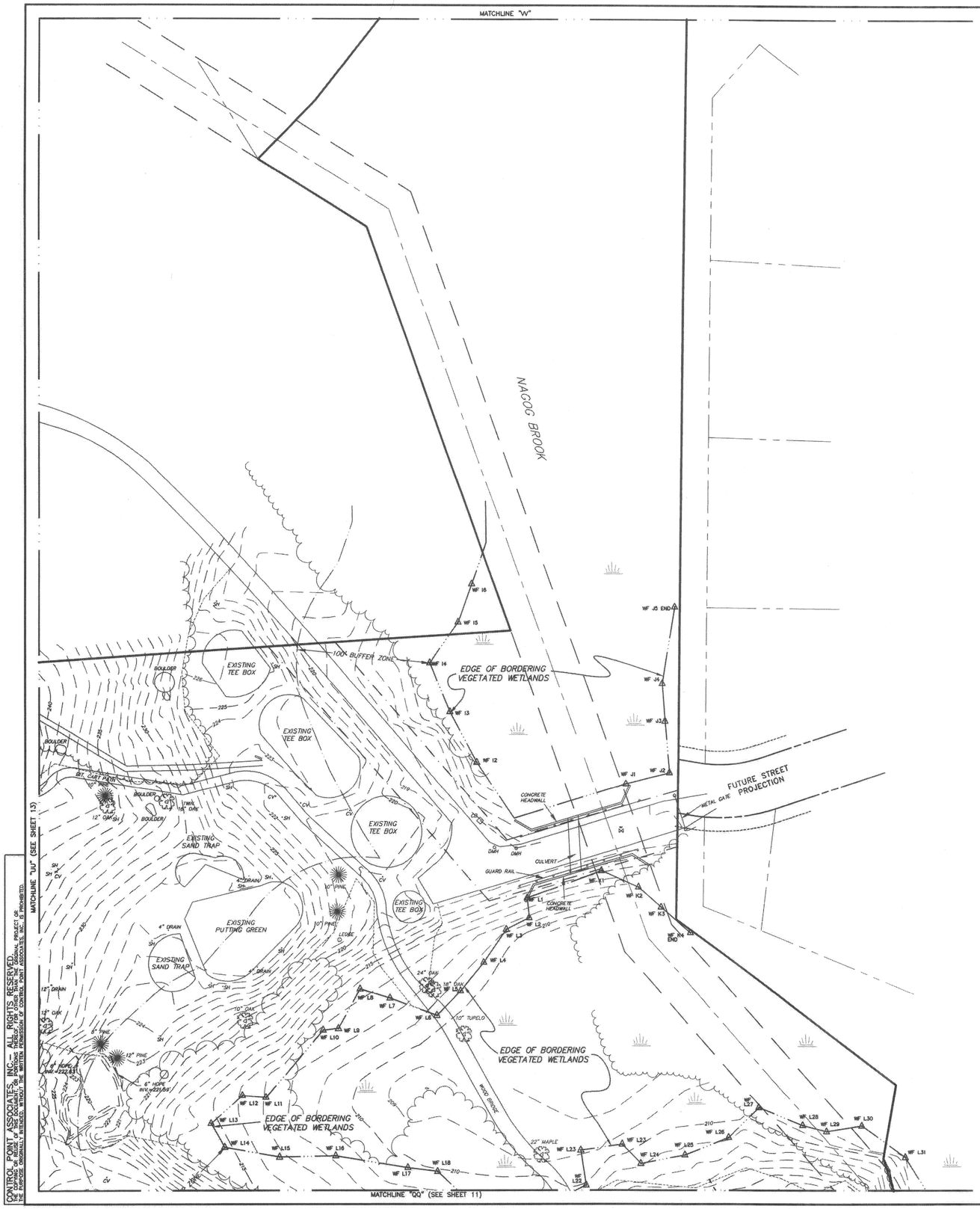

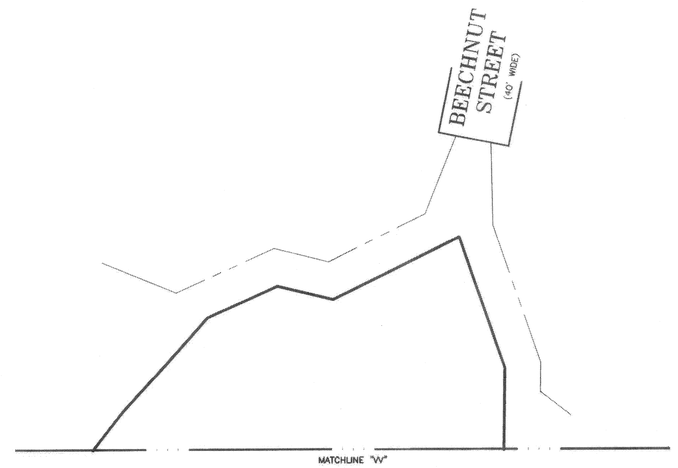

REF. #3

MATCHLINE "UU" (SEE SHEET 14)

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
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124 / 125	EXISTING CONTOUR
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6" DRAIN	YARD DRAIN
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PIV	POINT INDICATOR VALVE
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COMMONWEALTH OF MASSACHUSETTS
A. JOHN LLOYD
#38385
PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011	BOUNDARY & TOPOGRAPHIC SURVEY FOR
FIELD BOOK NO.: CP11-03	QR PROPERTIES, LLC
FIELD BOOK PG.: 4-10	358 GREAT ROAD LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4 TOWN OF ACTON, MIDDLESEX COUNTY COMMONWEALTH OF MASSACHUSETTS
FIELD CREW: R.S./C.S.	CONTROL POINT ASSOCIATES, INC.
DRAWN: J.P.	352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 508.948.3000 - 508.948.3003 FAX WARREN, NJ 908.668.0099 CHALFONT, PA 215.712.9800

REVIEWED:	APPROVED:	DATE	SCALE	FILE NO.	DWG. NO.
W.P.H.	J.D.B.	6-7-11	1"=40'	CM11003	14 OF 15

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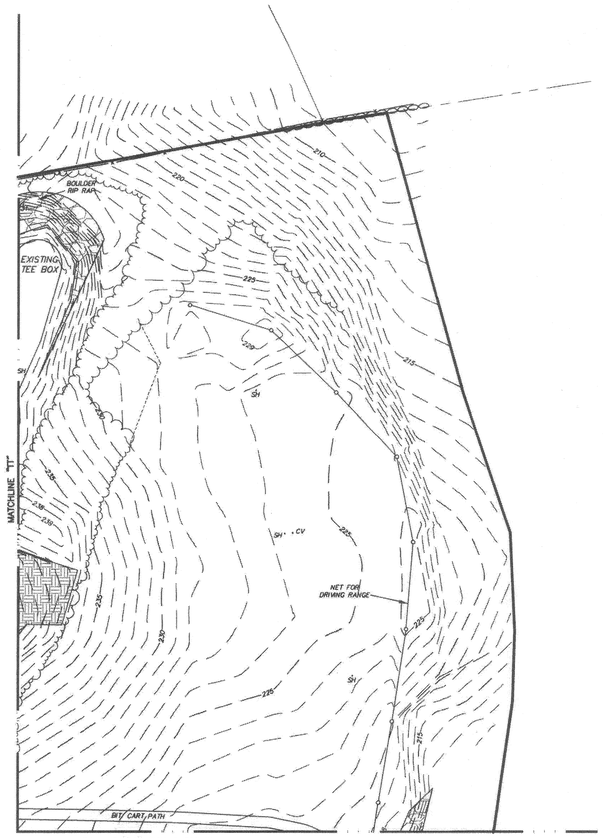

LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
E	APPROX. LOC. UNDERGROUND ELEC. LINE
W	APPROX. LOC. UNDERGROUND WATER LINE
	STONE ROW OR WALL
CWW	CONCORD WATER WORKS
MON	MONUMENT
124 / 125	EXISTING CONTOUR
X	FENCE LINE
	GUARD RAIL
CV	CONTROL VALVE
SH	SPRINKLER HEAD
	MONITORING WELL
	SIGN
DRAIN	YARD DRAIN
	TREE (WITH SIZE AND TYPE)
LP	LIGHT POST
GV	GAS VALVE
PIV	POINT INDICATOR VALVE
WV	WATER VALVE
W	WATER WELL
DMH	DRAINAGE/STORM MANHOLE
CB	CATCH BASIN OR INLET
	STORM LINE
WF	DELINEATION FLAG (SET BY OTHERS)

REF. #3

SEE SHEET 1 FOR NOTES AND REFERENCES
SEE SHEETS 1 THROUGH 3 FOR BOUNDARY

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN:	APPROVED:	DATE
1	REVISED TO ADD TOPOGRAPHY (SEE NOTE 4)	–	J.P.	A.J.L.	6-13-11

THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR BLUE INK SEAL

COMMONWEALTH OF MASSACHUSETTS A. JOHN LLOYD #38385 PROFESSIONAL LAND SURVEYOR

6/13/11
DATE

A. JOHN LLOYD
MASSACHUSETTS PROFESSIONAL LAND SURVEYOR #38385

FIELD DATE: MAY 2011
FIELD BOOK NO.: CP11-03
FIELD BOOK PG.: 4-10
FIELD CREW: R.S./C.S.
DRAWN: J.P.
REVIEWED: W.P.H.

BOUNDARY & TOPOGRAPHIC SURVEY FOR
QR PROPERTIES, LLC
358 GREAT ROAD
LOT 29, MAP C-4 & LOTS 4, 9, MAP D-4
TOWN OF ACTON, MIDDLESEX COUNTY
COMMONWEALTH OF MASSACHUSETTS

CONTROL POINT ASSOCIATES, INC.
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J.D.B.	6-7-11	1"=40'	CM11003	15 OF 15

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