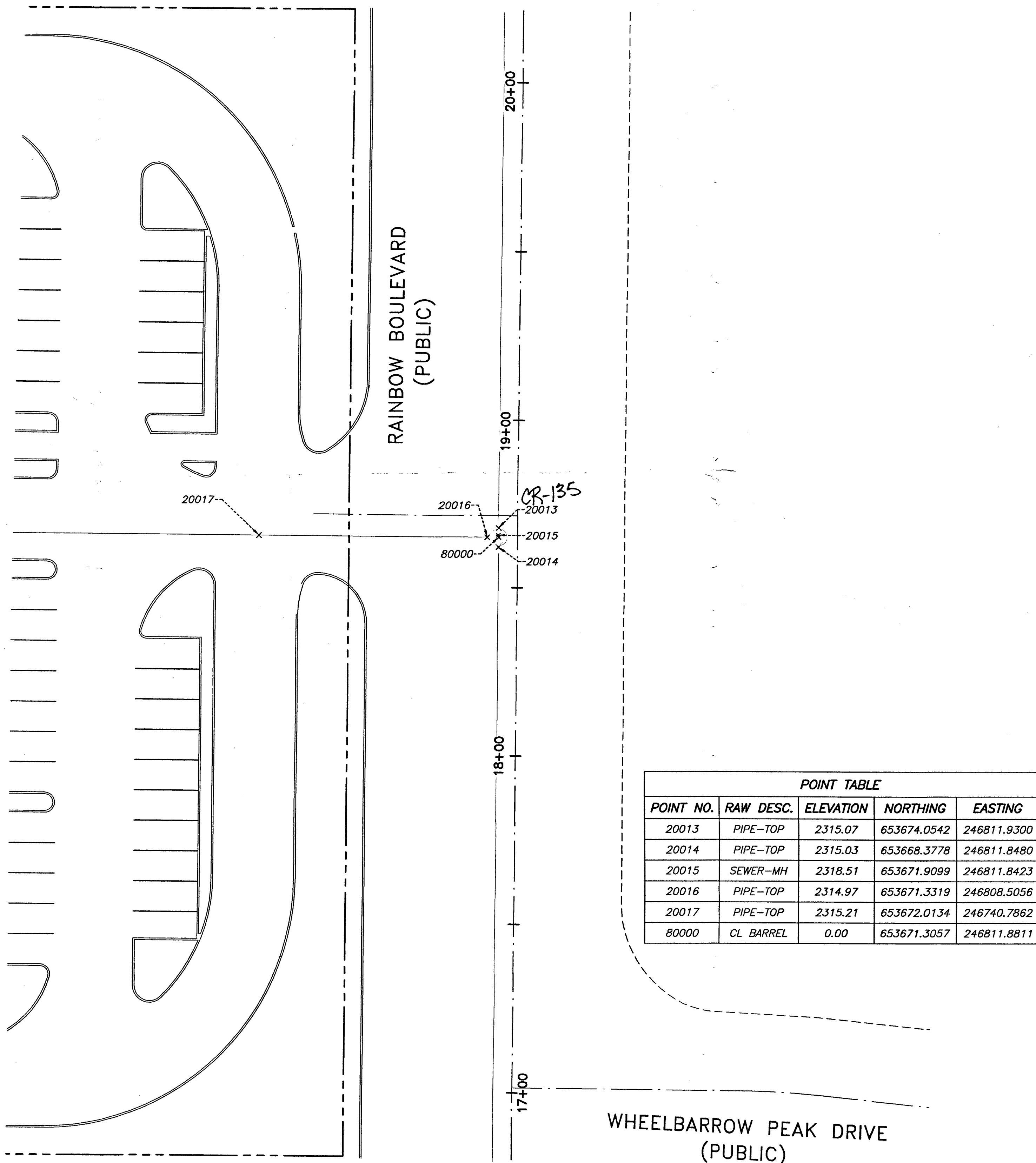


ID	Y	X	Z	DESC
120013	26790193	756750.1	2315.072	PIPE-TOP
120014	26790187	756750.1	2315.03	PIPE-TOP
120015	26790191	756750.1	2318.51	SEWER-MH
120016	26790190	756746.7	2314.966	PIPE-TOP
120017	26790191	756679	2315.21	PIPE-TOP
180000	26790190	756750.1		0 CL BARREL

SANITARY SEWER FINAL LOCATION MAP FOR SOMERSET ACADEMY

© RAINBOW BOULEVARD AND WHEELBARROW PEAK

BEING A MERGER AND RESUBDIVISION OF LOT (1) AND LOT (2) OF THAT CERTAIN LAND DIVISION 27-85 IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA. SITUATED IN THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 3, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

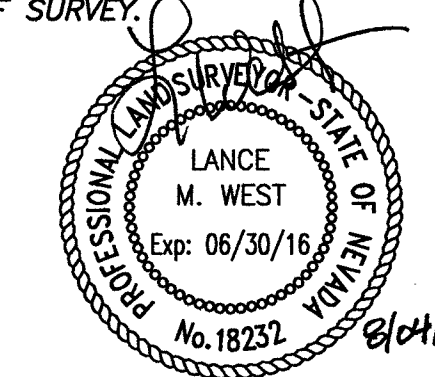


POINT TABLE				
POINT NO.	RAW DESC.	ELEVATION	NORTHING	EASTING
20013	PIPE-TOP	2315.07	653674.0542	246811.9300
20014	PIPE-TOP	2315.03	653668.3778	246811.8480
20015	SEWER-MH	2318.51	653671.9099	246811.8423
20016	PIPE-TOP	2314.97	653671.3319	246808.5056
20017	PIPE-TOP	2315.21	653672.0134	246740.7862
80000	CL BARREL	0.00	653671.3057	246811.8811

SURVEYOR'S STATEMENT

- 1) SURVEY WAS COMPLETED ON 22 JULY, 2015.
- 2) THE POSITIONAL CERTAINTY FOR THIS SURVEY IS 0.5' HORIZONTAL AND 0.5' VERTICAL BASED ON NAD83(2011), EPOCH 2010.00
- 3) THE POSITIONAL CERTAINTY STATED DOES NOT TAKE INTO ACCOUNT ANY MODIFICATIONS TO THE PIPE, MANHOLES OR LATERALS COMPLETED AFTER THE DATE OF SURVEY.

LANCE M. WEST
PROFESSIONAL LAND SURVEYOR
NEVADA LICENSE NO. 18232



BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

ZONE: LAS VEGAS ZONE

DATUM (REFERENCE FRAME): NAD 1983(2011) EPOCH 2010.00

SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.00 M (656,166.6667 FEET US)
EASTING AT CENTRAL MERIDIAN: 100,000.00 M (328,083.3333 FEET US)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

NOTES:

1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION.
2. GRID BEARING SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARING DUE TO MERIDIAN CONVERGENCE.

BENCHMARK

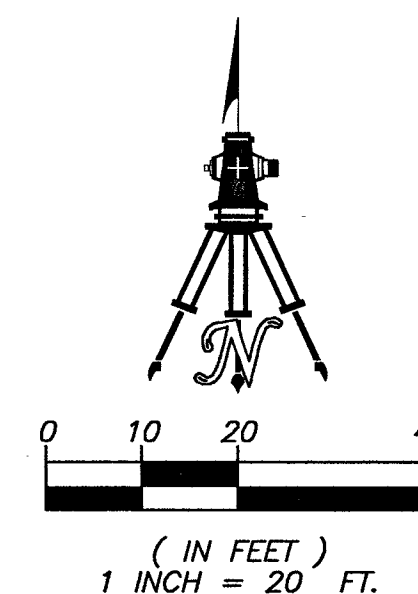
8LV003E4 - BEING A RIVET AND PLATE IN TOP OF CURB AT NW CORNER OF CRAIG ROAD AND RAINBOW BOULEVARD

2315.51 US SURVEY FEET
705.770 METERS

N.A.V.D. 88 DATUM

LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> --- RIGHT-OF-WAY LINE --- STREET CENTERLINE --- SEWER LINE × POINT LOCATION 23118 POINT NUMBER ⊙ SEWER MANHOLE | <ul style="list-style-type: none"> CL BARREL CENTER OF MANHOLE BARREL SEWER-MH SHOT TAKEN AT CENTER OF 24" MANHOLE LID WITH 38" COLLAR PIPE-TOP SHOT TAKEN ON TOP OF PIPE |
|---|--|



H# 55749
DWG# 107V6352

**SANITARY SEWER FINAL LOCATION MAP
SOMERSET ACADEMY**

BEING A MERGER AND RESUBDIVISION OF LOT (1) AND LOT (2) OF THAT CERTAIN LAND DIVISION 27-85 IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA. SITUATED IN THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 3, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.



**WALLACE · MORRIS · KLINE
SURVEYING, INC.**
LAND SURVEY CONSULTING
5740 SOUTH ARVILLE STREET, #206
LAS VEGAS, NEVADA 89118
PH: 702.212.3967 FX: 702.212.3963

Memorandum

Department of Public Works
City Engineer Division
Survey Section
333 North Rancho Dr., 8th Floor
Las Vegas, Nevada 89106

Phone (702) 229-6217
Fax (702) 804-8582

To: Michael Cunningham, Manager
Building and Safety Department

From: Alan R. Riecki, PLS
City Surveyor

C: Lance M. West, PLS
Wallace Morris Kline Surveying, Inc.

Tim Parks, P.E., Engineering Project Manager
Sanitary Sewers Section, Engineering Planning

Date: August 17, 2015

Re: Sanitary Sewer Final Location Map
Somerset Academy Rainbow
(Drawing No. 107V6352, L-Civil No. 55749)

The Survey Section has reviewed the Final Location Map and as far as our jurisdiction of this project is concerned, we find that the map is:

Acceptable: 08/17/2015



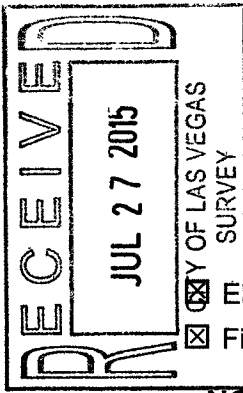
Signature

City Surveyor

Title

Public Works/Survey
Department/Division

ARR/OS:js



CITY OF LAS VEGAS

BUILDING AND SAFETY DEPARTMENT

OFFSITE INSPECTION & TESTING
333 NORTH RANCHO DRIVE
LAS VEGAS, NV 89106
PHONE: (702) 229-6337
FAX: (702) 363-1051

DEVELOPER'S SUBMITTAL OF GPS COORDINATES

Sewer Storm Drain

Electronic Comma Delineated File

Final Location Map (2)

NOTE: THE TOP PART OF THIS FORM MUST BE FILLED OUT IN ITS ENTIRETY

PROJECT NAME: SOMERSET ACADEMY UNIT: N/A PHASE: N/A

PROJECT LOCATION: RAINBOW BLVD. WHEELBARROW PEAK DR.

CLV PLAN #: 107V6352 CLV PROJECT # 55749 SHEET NO. (S): 1

OF MANHOLES 1 PUB. SEWER/STORM DRAIN LIN. FT. 44 # OF PRIVATE LATERALS 0

DEVELOPER: NEVADA GENERAL CONSTRUCTION PHONE: 702-427-7780 FAX: 702-255-3634

SURVEY CO.: WALLACE MORRIS KLINE PHONE: 702-212-3967 FAX: 702-753-7078

CONTRACTOR: BRAVO UNDERGROUND PHONE: 702-314-4100 FAX: _____

CONTRACTOR'S SUPERVISOR NAME: ROBERTO GUTIERREZ MOBILE: 702-296-3506

DATE OF REQUEST: 07/15/2016

THIS SEWER HAS BEEN SURVEYED BY NEVADA LICENSED LAND SURVEYOR:

Company Name WALLACE MORRIS KLINE Surveyor Name LANCE M. WEST

License # 18232 License exp. Date: 06/30/2016

CITY USE ONLY

DATE SR. INSPECTOR RECEIVED: _____ SR. INSPECTOR INITIALS: _____

DATE RECEIVED FROM SR. INSPECTOR AND SENT TO CITY SURVEYOR: _____

ACCEPTABLE BY CITY SURVEYOR DATE: 8/17/15 NOT ACCEPTABLE BY CITY SURVEYOR DATE 8/3/15

CLV SURVEYOR'S SIGNATURE: [Signature] DATE: 8/17/15

THE CITY OF LAS VEGAS RECOMMENDS THAT ALL DEFICIENCIES NOTED ON THE ATTACHED SURVEY REPORT BE CORRECTED PRIOR TO THE FINAL ACCEPTANCE.

For Sanitary Sewer To Complete and Return to Offsite Inspection & Testing:

RECEIVED BY: Joe Peña
(PLEASE PRINT)

SIGNATURE: [Signature] DATE: 8/25/15

For Flood Control To Complete and Return to Offsite Inspection & Testing:

RECEIVED BY: _____
(PLEASE PRINT)

SIGNATURE: _____ DATE: _____



City of Las Vegas
Department of Public Works
Survey Section

JOB NUMBER H55749-SS2
PROJECT NAME SOMERSET ACADEMY RAINBOW
WORK AUTH. NO. P28000
SUBMITTED BY Wallace Morris Kline Surveying
PROJECT TYPE CIP Land Dev Street Rehab
DATE 8/13/15
REVIEWED BY D. SANTANA

REVIEW CHECKLIST
SANITARY SEWER
FINAL LOCATION MAP

REVIEW DETERMINATION

- Approved
- Not Acceptable

TO BE RE-SUBMITTED

- Two bond copies (no mylar)
- Electronic media with comma-separated coordinate file

REVIEW ITEM	OK	SEE R/L	N/A	COMMENTS
Submittal Contents				
Two bond copies (no mylar)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electronic media containing comma-separated coordinate file	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
General Map Contents				
Sheet size 24" x 36"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sheet number and number of sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
North arrow (pointing up, left or right)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Scale (written & graphic, correctly shown, appropriate scale used)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lettering legibility (minimum text size 0.08")	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Map title shown ("Sanitary Sewer Final Location Map")	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV project name shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Hansen No. shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CLV Drawing No. shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Preparer's company name and contact information shown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Legend (all linetypes and symbols defined)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-standard abbreviations defined	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Distances, coordinates and elevations labeled using decimal feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Approximate limits of streets shown (improvements or right-of-way)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Street names labeled (identified as public or private)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

