

2012 City of Mesa Benchmarks.xlsm

Acronym	Definition	Revised November 2012		
B.C.	Brass Cap	OVERVIEW		
C.L.	Center Line	This City of Mesa benchmark information has been established to assist Architects, Engineers, Licensed Contractors and Registered Land Surveyors in standardization of public works design and construction within the City of Mesa's jurisdiction. The City of Mesa requires that all projects submitted for review be based on the City of Mesa benchmark datum and is providing the following benchmarks.		
Ch. Sq.	Chiseled Square			
Conc	Concrete			
D.W.	Drive Way			
Irr.	Irrigation			
J.U.P.	Joint Utility Pole	DATA DISCLAIMER		
PP	Power Pole	The benchmarks provided were correct at the time of measurement. The City of Mesa cannot guarantee the accuracy of the provided benchmarks due to destruction or duplication by others. The City of Mesa strongly recommends that elevations be verified between two City of Mesa benchmarks.		
Rd.	Road			
T.C.	Top of Curb	The City of Mesa Benchmark System is adjusted to the First Order National Geodetic Vertical Benchmark known as DU0654 located in Falcon Hill Park off of Jensen Street and east of Power Road in Mesa.		
N-S X-Street	E-W X-Street	OLD COM EL	NAVD88 EL	Description
Price	Baseline	1198.36	1198.41	3" Aluminum ADOT tablet S.E cor N bound off ramp 3139+58
Dobson	Guadalupe	1198.51	1198.56	3" Brass cap N.W. corner (EPNG)
Dobson	Baseline	1197.79	1197.84	Brass Tag T.C. S.E. corner
Dobson	Southern	1201.79	1201.84	Brass Tag T.C. N.E. corner
Dobson	Broadway	1211.75	1211.80	Brass Tag T.C. N.W. corner
Dobson	Main	1216.88	1216.93	Brass Tag T.C. N.W. corner
Dobson	University	1211.62	1211.67	Brass Tag T.C. S.W. corner
Alma School	Guadalupe	1203.93	1203.99	Brass Tag T.C. N.W. corner
Alma School	Baseline	1204.35	1204.41	Brass Tag T.C. S.W. corner
Alma School	Southern	1212.64	1212.70	Brass Tag T.C. S.W. corner
Alma School	Broadway	1225.13	1225.19	Brass Tag T.C. S.E. corner
Alma School	Main	1231.46	1231.52	Brass Tag T.C. N.E. corner
Alma School	University	1235.52	1235.58	Brass Tag T.C. S.W. corner
Alma School	McLellan	1206.73	1206.79	4" Aluminum tablet ADOT S.E. corner
Country Club	Guadalupe	1211.89	1211.96	B.C. on Irrigation Box N.W. corner
Country Club	Baseline	1210.71	1210.78	Brass Tag T.C. N.E. corner
Country Club	Southern	1217.07	1217.14	Brass Tag T.C. N.W. corner
Country Club	Broadway	1233.65	1233.72	Brass Tag T.C. S.E. corner
Country Club	University	1243.48	1243.55	Brass Tag T.C. N.W. corner
Country Club	Brown	1250.29	1250.36	Brass Tag T.C. N.W. corner
Country Club	McKellips	1217.72	1217.79	Brass Tag T.C. S.E. corner
Mesa	Baseline	1213.42	1213.50	Brass Tag T.C. N.W. corner

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Mesa	Southern	1220.15	1220.23	Brass Tag T.C. N.E. corner
Mesa	Broadway	1233.52	1233.60	Brass Tag T.C. N.E. corner
Mesa	University	1242.60	1242.68	Brass Tag T.C. S.W. corner
Mesa	Brown	1251.25	1251.33	Brass Tag T.C. S.E. corner
Mesa	McKellips	1226.49	1226.57	Brass Tag T.C. S.E. corner
Stapley	Baseline	1221.71	1221.80	Brass Tag T.C. N.E. corner
Stapley	Southern	1225.13	1225.22	Ch. Sq. Brass Tag T.C. N.E. corner
Stapley	Broadway	1233.57	1233.66	Brass Tag T.C. N.E. corner
Stapley	Main	1238.12	1238.21	Brass Tag N.E. corner
Stapley	University	1243.74	1243.83	Brass Tag T.C. S.W. corner
Stapley	Brown	1257.20	1257.29	Brass Tag T.C. S.E. corner
Stapley	McKellips	1271.60	1271.69	Brass Tag T.C. S.E. corner
Gilbert	Baseline	1234.10	1234.20	Brass Tag T.C. N.E. corner
Gilbert	Southern	1233.70	1233.80	Brass Tag T.C. N.E. corner
Gilbert	Broadway	1243.97	1244.07	Brass Tag T.C. N.E. corner
Gilbert	University	1256.66	1256.76	Brass Tag T.C. N.E. corner
Gilbert	McKellips	1284.14	1284.24	Brass Tag T.C. S.E. corner
Lindsay	Baseline	1244.66	1244.77	Brass Tag T.C. N.E. corner
Lindsay	Southern	1246.64	1246.75	Brass Tag T.C. N.E. corner
Lindsay	Broadway	1255.60	1255.71	Brass Tag T.C. S.W. corner
Lindsay	Main	1263.11	1263.22	Brass Tag T.C. S.E. corner
Lindsay	University	1270.18	1270.29	Brass Tag T.C. N.E. corner
Lindsay	Brown	1283.79	1283.90	Brass Tag T.C. S.W. corner
Lindsay	McKellips	1302.62	1302.73	Brass Tag T.C. N.E. corner
Lindsay	McDowell	1321.93	1322.04	Brass Tag T.C. S.W. corner
Val Vista	Baseline	1260.82	1260.94	Brass Tag T.C. N.E. corner
Val vista	Southern	1265.73	1265.85	Brass Tag T.C. N.W. corner
Val Vista	Broadway	1275.20	1275.32	Brass Tag S.W. corner
Val Vista	Main	1284.22	1284.34	Brass Tag T.C. S.W. corner
Val Vista	University	1292.75	1292.87	Brass Tag T.C. S.W. corner
Val Vista	Brown	1309.59	1309.71	Brass Tag S.W. corner in head wall
Val Vista	McKellips	1325.28	1325.40	Brass Tag T.C. S.W. corner
Val Vista	McDowell	1339.21	1339.33	Brass Tag T.C. S.E. corner
Greenfield	Baseline	1273.70	1273.83	Brass Tag T.C. N.E. corner
Greenfield	US 60	1286.85	1286.98	Brass Tag T.C. NE corner Freeway Offramp
Greenfield	Southern	1291.65	1291.78	Brass Tag T.C. N.E. corner
Greenfield	Pueblo	1294.54	1294.67	Brass Tag T.C. E side Greenfield Appx 120ft N of Pueblo

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Greenfield	Broadway	1302.65	1302.78	Brass Tag T.C. NE corner
Greenfield	Main	1314.08	1314.21	Brass Tag T.C. NE corner
Greenfield	University	1321.69	1321.82	Brass Tag T.C. N.W. corner
Greenfield	Brown	1341.49	1341.62	Brass Tag T.C. N.E. corner
Greenfield	McKellips	1356.57	1356.70	Brass Tag T.C. N.W.
Greenfield	McDowell	1364.91	1365.04	Brass Tag T.C. S.W. corner
48th	Baseline	1288.86	1288.99	Brass Tag T.C. W Entrance 4850 E. Baseline
48th	Broadway	1317.71	1317.84	Brass Tag T.C. NE corner
48th	Southern	1306.03	1306.16	Brass Tag T.C. NE corner
48th	University	1338.98	1339.11	Brass Tag T.C. NE corner
Higley	Baseline	1296.57	1296.71	Brass Tag T.C. S.W. corner
Higley	US 60	1314.00	1314.14	Brass Tag T.C. NE corner
Higley	Southern	1319.44	1319.58	Brass Tag T.C. NE corner
Higley	Pueblo	1324.20	1324.34	Brass Tag T.C. E side Higley S of Delta on Irrig Easement
Higley	Broadway	1332.55	1332.69	Brass Tag T.C. NE corner
Higley	Main	1347.46	1347.60	Brass Tag T.C. N.E. corner
Higley	University	1357.45	1357.59	Brass Tag T.C. S.E corner
Higley	Adobe	1369.16	1369.30	Brass Tag T.C. NE corner
Higley	Brown	1380.80	1380.94	Brass Tag T.C. N.W. corner
Higley	McLellan	1391.39	1391.53	Brass Tag T.C. NE corner
Higley	McKellips	1398.98	1399.12	Brass Tag T.C. S.E. corner
Higley	McDowell	1393.69	1393.83	Brass Tag T.C. S.W. corner
Higley	Thomas	1380.34	1380.48	Brass Tag T.C. N.E. corner
56th	Baseline	1315.07	1315.21	Brass Tag T.C. E Property Line 5620 E Baseline
56th	Southern	1332.69	1332.83	Brass Tag T.C. NE corner Somerset
56th	Broadway	1347.49	1347.63	Brass Tag T.C. NE corner
56th	Main	1363.98	1364.12	Brass Tag T.C. NE corner N of Traffic Light
56th	University	1375.23	1375.37	Brass Tag T.C. NE corner
56th	Brown	1405.58	1405.72	Brass Tag T.C. appx 300 ft W of Ambrosia
56th	McKellips	1425.59	1425.73	Brass Tag T.C. NE corner
Recker	Baseline	1326.95	1327.10	Brass Tag T.C. NE corner Recker Rd N ---->
Recker	US 60	1335.25	1335.40	Brass Tag T.C. Recker Cul-De-Sac N of Baseline
Recker	Southern	1347.18	1347.33	Brass Tag T.C. SE corner Leisure World Blvd
Recker	Broadway	1362.67	1362.82	Brass Tag T.C. N.W. corner
Recker	Main	1381.85	1382.00	Brass Tag T.C. N.E. corner
Recker	University	1395.54	1395.69	Brass Tag T.C. S.W. corner
Recker	Adobe	1411.59	1411.74	Brass tag T.C. NE corner

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Recker	McLellan	1443.02	1443.17	Brass Tag T.C. NE corner
Recker	McKellips	1455.22	1455.37	Brass Tag T.C. S.E. corner
Recker	Hermosa Vista	1461.65	1461.80	Brass Tag T.C. SW corner
Recker	McDowell	1459.72	1459.87	Brass Tag T.C. N.E. corner
Recker	Thomas	1447.02	1447.17	Brass Tag T.C. S.W. corner
64th	Baseline	1343.17	1343.32	Brass Tag T.C. appx 72 ft W of 6308 E Baseline
64th	Southern	1360.54	1360.69	Brass Tag T.C. N of 1/4 corner W Mall Entrance
64th	Broadway	1379.36	1379.51	Brass Tag T.C. on E Property Line 6344 E. Broadway
64th	Main	1398.62	1398.77	Brass Tag T.C. NE corner
64th	University	1414.78	1414.93	Brass Tag T.C. NE corner
64th	Brown	1451.27	1451.42	Brass Tag T.C. NE corner
64th	McKellips	1488.61	1488.76	Brass Tag T.C. NE corner
64th	McDowell	1508.06	1508.21	Brass Tag T.C. NE corner
Power	Pecos	1337.67	1337.72	Brass Tag T.C. NE corner
20926-1M	T1S R6E 36E	1326.32	1326.47	2 inch Alum Cap, 1 Ft West of @ Chain Link Fence
Power	Williams Field	1328.93	1329.09	Brass Tag T.C. N.E. corner
Power	Ray	1321.82	1321.97	Brass Tag T.C. S.E. corner
Power	Hwy 202 Freeway	1323.95	1324.10	Brass Tag T.C. NE corner
Power	Warner	1321.72	1321.87	Brass Tag T.C. N.E. corner
Power	1/2 Mile Interval	1325.52	1325.67	Brass Tag N side Irrigation Structure
Power	Elliot	1327.48	1327.63	Brass Tag in Headwall SE corner
Power	1/2 Mile Interval	1329.49	1329.64	Brass Tag NE corner Headwall 100 Ft N of E-W Power Line
Power	Guadalupe	1336.69	1336.84	Brass Tag T.C. N.E. corner
Power	Madero	1341.03	1341.03	Brass Tag T.C. N.E. corner
Power	Baseline	1352.55	1352.70	Brass Tag T.C. NW corner
Power	US 60	1371.65	1371.80	Brass Tag T.C. NE corner Freeway Offramp
Power	Southern	1376.59	1376.59	Brass Tag T.C. N.E. corner
Power	Pueblo	1382.55	1382.70	Brass Tag T.C. appx 220 ft N Pueblo on Frontage Side Rd
Power	Broadway	1394.09	1394.24	Brass Tag T.C. S.W. corner
Power	Main	1414.26	1414.41	Brass Tag T.C. S.W. corner
Power	University	1435.07	1435.22	Brass Tag T.C. S.W. corner
Power	Adobe	1455.65	1455.80	Brass Tag T.C. NE corner
Power	Brown	1477.55	1477.70	Brass Tag T.C. N.E. corner
Power	McLellan	1499.37	1499.52	Brass Tag T.C. SW corner
Power	McKellips	1522.82	1522.97	Brass Tag T.C. N.E. corner
Power	Hermosa Vista	1539.22	1539.37	Brass Tag T.C. SW corner
Power	McDowell	1552.68	1552.83	Brass Tag T.C. S.W. corner

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Power	Hwy 202	1569.92	1570.07	Brass Tag T.C. SW corner
Power	Thomas	1566.02	1566.17	Brass Tag T.C. SE corner
Power	1/2 Mile N Thomas	1575.24	1575.39	Brass Tag T.C. 1/2 Mile N of Thomas / E side of Thomas
72nd	Baseline	1370.51	1370.66	Brass Tag T.C. Baseline N of T1N R7E 31S 1/4 corner
72nd	Southern	1390.27	1390.42	Brass Tag T.C. NE corner Clearview
72nd	Broadway	1411.93	1412.08	Brass Tag T.C. NE corner
72nd	University	1451.41	1451.56	Brass Tag T.C. SE corner
72nd	Brown	1501.72	1501.87	Brass Tag T.C. NE Corner
72nd	McKellips	1555.88	1556.03	Brass Tag T.C. NE corner Terripin
72nd	McDowell	1599.35	1599.50	Brass Tag T.C. N of T1N R7E 6N 1/4 corner
Sossaman	Germann	1356.69	1356.84	Brass Tag N.W. corner in bridge
Sossaman	Elliot	1350.03	1350.18	Brass Tag in head wall
Sossaman	Guadalupe	1358.84	1358.99	Brass Tag T.C. N.W. corner
Sossaman	Baseline	1388.17	1388.32	Brass Tag T.C. N.E. corner
Sossaman	US 60	1400.74	1400.89	Brass tag T.C. NE corner Inverness
Sossaman	Southern	1408.54	1408.69	Brass Tag T.C. NE corner
Sossaman	Southern		0.15	Brass Tag T.C. N.E. corner
Sossaman	Pueblo	1415.27	1415.42	Brass Tag T.C. NE corner
Sossaman	Broadway	1428.01	1428.16	Brass Tag T.C. NW corner
Sossaman	Main	1448.46	1448.61	Brass Tag T.C. N.E. corner
Sossaman	University	1469.97	1470.12	Brass Tag T.C. S.E. corner
Sossaman	Adobe	1497.29	1497.44	Brass Tag T.C. N of T1N R7E 18E 1/4 corner
Sossaman	Brown	1528.92	1529.07	Brass tag T.C. NE Corner Sossaman Alignment
Sossaman	McKellips	1587.88	1588.03	Brass Tag NE corner Conc WaterLine Vault
Sossaman	Hermosa Vista	1617.48	1617.63	Brass Tag T.C. SW corner
Sossaman	McDowell	1648.87	1649.02	Brass Tag T.C. N.W. corner
80th	Baseline	1395.99	1396.14	Brass Tag T.C. N side Baseline N OF T1S R7E 5N 1/4 corner
80th	Broadway	1445.57	1445.72	Brass Tag T.C. NE corner
80th	University	1491.90	1492.05	Brass Tag T.C. NE corner
80th	Brown	1554.85	1555.00	Brass Tag T.C. NE Corner
80th	McKellips	1627.84	1627.99	Brass Tag T.C. N side McKellips 500 FT W of Bridlewood
80th	Hermosa Vista	1661.00	1661.15	Brass Tag T.C. NW corner
80th	McDowell	1696.97	1697.12	Brass Tag T.C. NW corner
Hawes	Elliot	1377.37	1377.52	Brass Tag N.W. corner in Headwall
Hawes	Baseline	1414.43	1414.58	Brass Tag T.C. SW corner
Hawes	Southern	1443.15	1443.30	Brass Tag T.C. S.W. corner
Hawes	Pueblo	1453.17	1453.32	Brass Tag T.C. NE corner

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Hawes	Broadway	1465.83	1465.98	Brass Tag T.C. N.W. corner
Hawes	Main	1493.16	1493.31	Brass Tag on Headwall appx 500 ft E Hawes N side Main
Hawes	University	1512.29	1512.44	Brass Tag T.C. S.E. corner
Hawes	Brown	1601.46	1601.61	Brass Tag T.C. N Edge Bridge Median 3ft N of NE Section17
Hawes	McKellips	1664.15	1664.30	Brass Tag in Headwall SW corner
Hawes	Hermosa Vista	1708.04	1708.19	Brass Tag T.C. SW corner
Hawes	McDowell	1756.59	1756.74	Brass Tag T.C. N.E. corner
88th	Baseline	1430.35	1430.50	Brass Tag T.C. 28 ft N of TIS R7E 4N 1/4 corner
88th	Southern	1460.11	1460.26	Brass Tag T.C. NW corner
88th	University	1532.87	1533.02	Brass Tag T.C. NE corner
88th	Brown	1607.82	1607.97	Brass Tag T.C. Median 20 ft S of Section 16N 1/4 Corner
88th	McKellips	1704.63	1704.78	Brass Tag CL Headwall SW of T1N R7E 9N 1/4 corner
88th	McDowell	1817.09	1817.24	Brass Tag T.C. NW corner
Ellsworth	Germann	1396.34	1396.49	Brass Tag N.E. corner concrete for manhole
Ellsworth	Elliot	1405.76	1405.91	Brass Tag N.W. corner on concrete pad
Ellsworth	Guadalupe	1424.42	1424.57	Brass Tag T.C. S.E. corner
Ellsworth	Baseline	1445.76	1445.91	Brass Tag T.C. NW corner
Ellsworth	Southern	1481.05	1481.20	Brass Tag T.C. S.E. corner
Ellsworth	Pueblo	1498.45	1498.60	Brass Tag T.C. NE corner
Ellsworth	Broadway	1509.49	1509.64	Brass Tag T.C. N.E. corner
Ellsworth	Main	1529.87	1530.02	Brass Tag T.C. Median W. side
Ellsworth	University	1554.65	1554.80	Brass Tag T.C. S.W. corner
Ellsworth	Brown	1633.74	1633.89	Brass Tag T.C. NE corner
Ellsworth	McKellips	1730.73	1730.88	Brass Tag T.Conc Elec Pad SW corner
Ellsworth	McDowell	1834.95	1835.10	Brass Tag E side Usery Pass
96th	Baseline	1464.26	1464.41	Brass Tag T.C. N side Baseline appx 300 ft W of Baldwin
96th	Southern	1498.76	1498.91	Brass Tag T.C. NE corner
96th	Broadway	1534.24	1534.39	Brass Tag T.C. NE corner
96th	University	1577.53	1577.68	Brass Tag T.C. NE corner
96th	Brown	1648.89	1649.04	Brass Tag T.C. NE corner
96th	McKellips	1766.66	1766.81	Brass Tag T.C. N side McKellips & T1N R7E 10N 1/4 corner
Crismon	Elliot	1434.09	1434.24	Brass Tag South side of Elliot on Concrete Headwall
Crismon	Guadalupe	1454.30	1454.45	Brass Tag T.C. S.E. Corner
Crismon	Baseline	1481.82	1481.97	Brass Tag T.C. NE corner
Crismon	US 60	1498.23	1498.38	Brass Tag T.C. Median appx 440 ft S of T1N R7E 34E 1/4 cor
Crismon	Southern	1511.18	1511.33	Brass Tag T.C. NE corner
Crismon	Pueblo	1532.02	1532.17	Brass Tag T.C. SE corner

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Crismon	Broadway	1553.04	1553.19	Brass Tag T.C. N.W. corner
Crismon	Main	1573.17	1573.32	Brass Tag T.C. Median W. side
Crismon	University	1596.73	1596.88	Brass Tag T.C. S.W. Corner
Crismon	Adobe	1632.10	1632.25	Brass tag T.C. NE corner
Crismon	Brown	1672.16	1672.31	Brass Tag T.C. SE corner
Crismon	McLellan	1719.65	1719.80	Headwall E of Crismon
Crismon	McKellips	1765.94	1766.09	Brass Tag Conc Base Street Sign SW corner
104th	Brown	1677.67	1677.82	Brass Tag on Headwall NE corner
Signal Butte	Warner	1453.53	1453.68	Brass Tag T.C. NE Corner
Signal Butte	Reuben	1460.10	1460.25	Brass Tag T.C. NE Corner
Signal Butte	Elliot	1462.41	1462.56	Brass Tag T.C. NE Corner
Signal Butte	1/2 Mile	1468.74	1468.89	Brass Tag T.C. East Side DriveWay Wing
Signal Butte	Guadalupe	1479.58	1479.73	Brass Tag T.C. NE Corner
Signal Butte	Madero	1494.03	1494.18	Brass Tag T.C. East Side Intersection
Signal Butte	Baseline	1511.15	1511.30	Brass Tag T.C. SE Corner
Signal Butte	US 60	1535.14	1535.29	Brass Tag T.C. Freeway Offramp NE Cor
Signal Butte	Southern	1545.70	1545.85	Brass Tag T.C. North Angle Point NE Corner
Signal Butte	CAP Canal	1572.18	1572.33	Brass Tag T.C. SW Bridge Area @ North End Curb
Signal Butte	Broadway	1582.69	1582.84	Brass Tag T.C. SE Corner
Signal Butte	Main	1605.42	1605.57	Brass Tag West Side Median
Signal Butte	University	1623.38	1623.53	Brass Tag T.C. NE Corner
Signal Butte	Adobe	1646.67	1646.82	Brass Tag T.C. SE Corner
Signal Butte	Brown	1678.36	1678.51	Brass Tag T.C. NE Corner
Meridian	University	1654.11	1654.26	Brass Tag T.C. S.E. corner
Meridian	Warner	1481.15	1481.30	Brass Tag T.C. N.W. corner
Meridian	Elliot	1496.66	1496.81	Brass Tag T.C. N.W.. corner
Meridian	Baseline	1550.36	1550.51	Brass Tag T.C. N.W. corner
Meridian	Southern	1584.45	1584.60	Brass Tag T.C. N.E. corner
Meridian	Broadway	1619.75	1619.90	Brass Tag T.C. S.W. corner
Meridian	Main	1638.64	1638.79	Brass Tag T.C. W. Median
Meridian	Brown	1694.72	1694.87	Brass Tag Center of Intersection

