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LEGEND

SET 3/8"x24" REBAR W/ OLSSON CONTROL CAP

SET 1/2"x24" REBAR W/ OLSSON CONTROL CAP

OLSSON INC. BENCHMARK

FES FLARED END SECTION

STORM SEWER LINE

CPP CORRUGATED PLASTIC PIPE

CP CONTROL POINT

CTL CONTROL

ELEV. ELEVATION

F FLOW LINE

CONTROL POINT INFORMATION

Basis of coordinates shown hereon are based on Missouri state plane coordinate system, West Zone, and scaled to ground coordinates utilizing a combined adjustment factor of 0.9998986, holding Jackson County GPS Control Point JA-45 as a base point. Distances shown hereon are ground distances in US Survey Feet.

MO DNR JA-45:

KC Metro Aluminum GRS Disk set in concrete ±3" below pavement on shoulder of SE Ranson Rd. Stamped "JA-45".

N: 994990.346
E: 2834265.611
Elev.: 1046.26'

Olsson #101:
Set 1/2" Rebar with Olsson Control Cap. Set in the grass on the North side of SE Bailey Rd.
N: 993561.11
E: 2832755.84
Iles:

1. East 80.94' to the NW corner of a concrete curb inlet on the North side of SE Bailey Rd.
2. SE 91.53' to the SW corner of a concrete curb inlet on the South side of SE Bailey Rd.
3. NE 94.82' to the SW corner of a concrete overflow structure on the South side of a pond on the North side of SE Bailey Rd.
4. West ±871' to the centerline of Country Ln. on the North side of SE Bailey Rd.

Olsson #30012:
Set 3/8" Rebor in the grass on the North side of most Southerly detention basin.
N: 991325.62
E: 2831728.01
Iles:

1. South 63.9' to the center of the Northeast storm sewer manhole lid of two.
2. South 66.6' to the center of the Southwest storm sewer manhole lid of two.
3. SSW 64.2' to the flow line of a 42" CPP at the Southeast side of the South detention basin.

Olsson #30013:
Set 3/8" Rebar in the grass on the North side of most Southerly detention basin.
N: 991498.02
E: 2831586.01
Ties:

1. SE 270.5' to the flow line of a 42" CPP at the Southeast corner of the South detention basin.
2. SE 109.0' to the flow line of a CPP, middle of South detention pond, North side.
3. SW 66.1' to the flow line of a 36" CPP at the North end of the South detention basin.

Olsson #30015:
Set 3/8" Rebar in the grass on the North side of middle detention basin.
N: 993133.4970
E: 2832485.3740
Ties:

1. South 281.7' to the center of the NE storm manhole lid of two at the South side of the middle detention basin.
2. South 109.0' to the flow line of a 24" CPP, at the South side of the middle detention basin.
4. SW 58.4' to the flow line of a 24" CPP at the North end of the middle detention basin.

Olsson #30016:
Set 3/8" Rebar in the grass on the South side of most Northerly detention basin.
N: 993133.4970
E: 2832485.3740
Tigs:

E: 2832530.86
<u>Ties:</u>
1. NE 92.5' to the flow line of a 24" CPP at the Northwest corner of the North detention basin.
2. SE 76.3' to the flow line of a 24" CPP at the South side of the North detention basin.
3. SE 85.8' to the center of the SW manhole lid of two at the South side of North detention basin.

Olsson #30017:
Set 3/8" Rebar in the grass on the Southwest side of most Northerly detention basin.

<u>lies:</u>
1. NNE 329.3' to the flow line of a 24" CPP at the Northwest corner of the North detention basin.
2. NE 187.4' to the center of the SW storm manhole lid of two at the South side of the North detention basin.
3. NE 191.2' to the center of the NE storm manhole lid of two at the South side of the North detention basin.

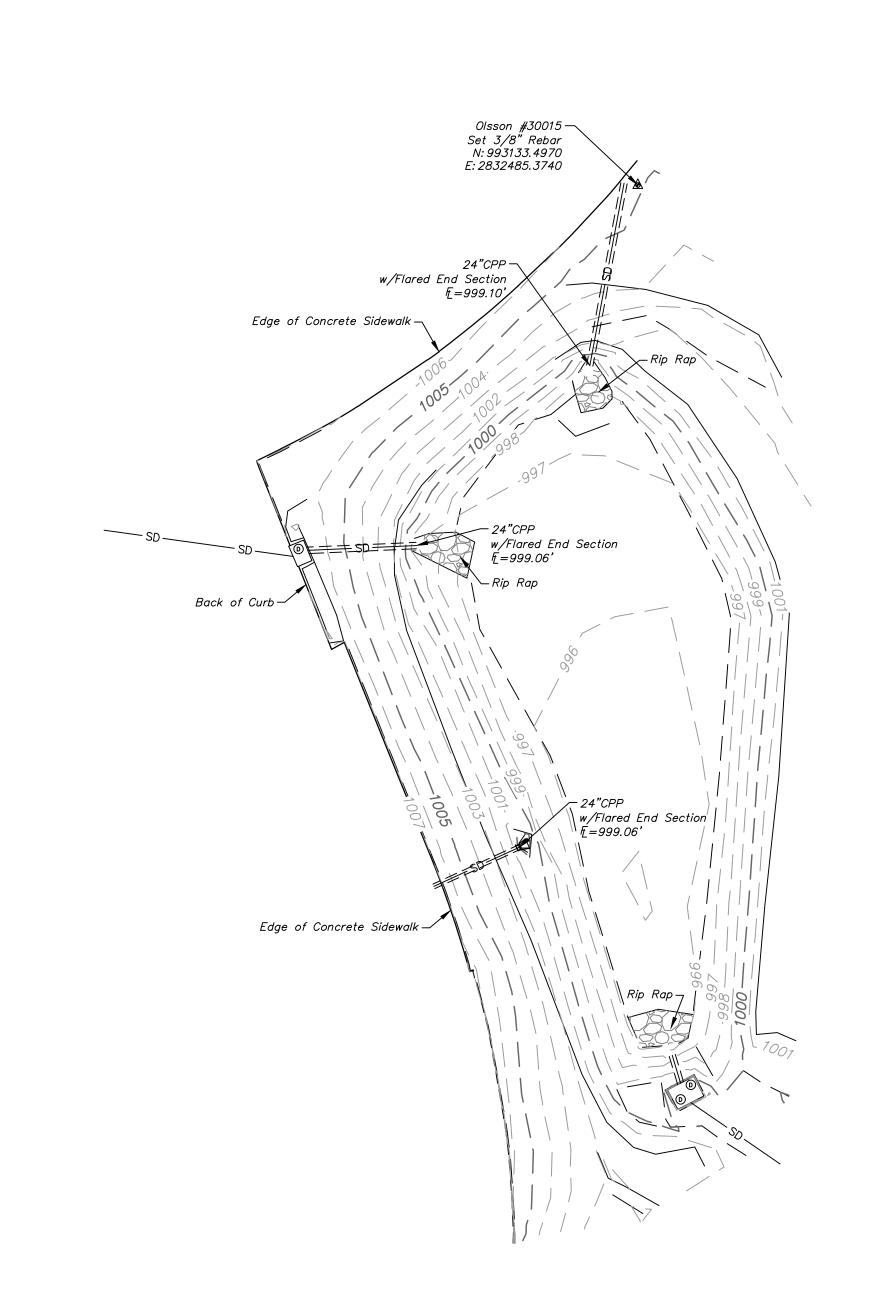
Basis of elevations shown hereon are based upon NAVD '88 utilizing MoDOT's continuously monitored GNSS system and holding the elevation of JA-45 elevation 1046.26'

Olsson Benchmark #1:
Set chiseled square cut on center front face of a curb inlet on North side of SE Bailey Rd. ±42' West of Country Ln. Elevation: 1028.43'

Olsson Benchmark #2:
Set chiseled square cut on SE corner of overflow structure on South side of pond on North side of SE Bailey Rd. ±962' East of Country Ln. Elevation: 1017.13'

Olsson Benchmark #3:
Set chiseled "+" cut on SSE flange bolt of fire hydrant in the NW quadrant of the intersection of SE 15th St. and SE Dalton Dr. Elevation: 1016.27'

Olsson Benchmark #4:
Set chiseled square cut on edge of sidewalk at the West center of a curb inlet in the NW quadrant of the intersection of SE Cape Dr. and SE Dalton Dr. Elevation: 999.24'



Olsson BMK #3— Elev.: 1016.27'

Olsson BMK #4— Elev.: 999.24'

Citye of Concrete Science

Front Scien