LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARD
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
700	1075.487	896771.838, 528630.412
717	1064.109	895646.505, 528777.225

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
700	1075.487	896673.204, 528572.269
717	1064.109	895547.995, 528719.066

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANE CHK.	-	-

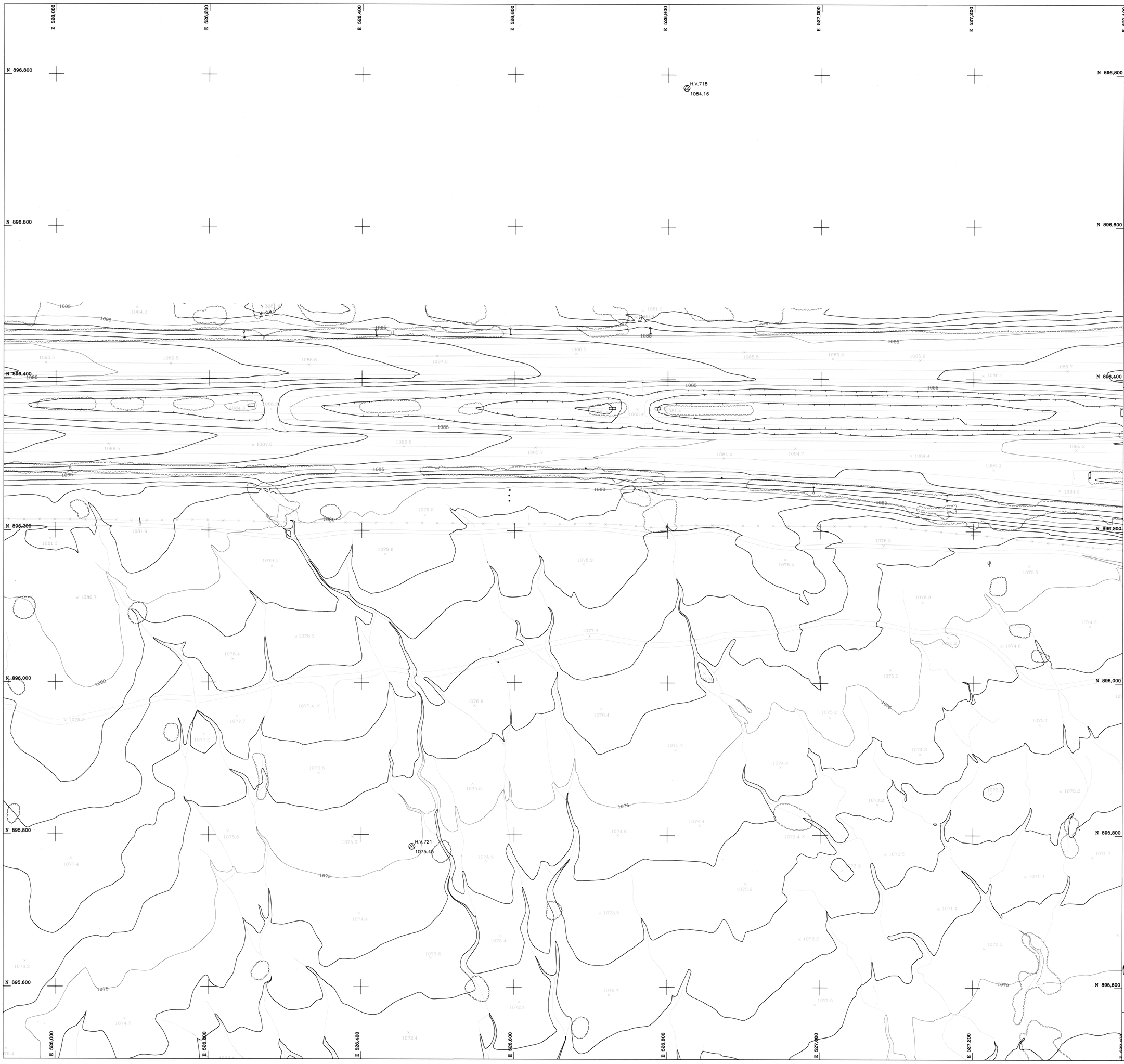
COOPER AERIAL SURVEYS CO.
JOB NO. 2690-060308P SHEET 1 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

312

White Tanks # 4 Remediation Proj.
Cooper Aerial Survey for FCD
FCD 2007C038 Drawer 312



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
718	1084.162	896782.640, 526823.710
721BP	1075.455	895784.564, 526466.253

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
718	1084.162	896684.005, 526765.766
721BP	1075.455	895686.039, 526408.348

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	(2)	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

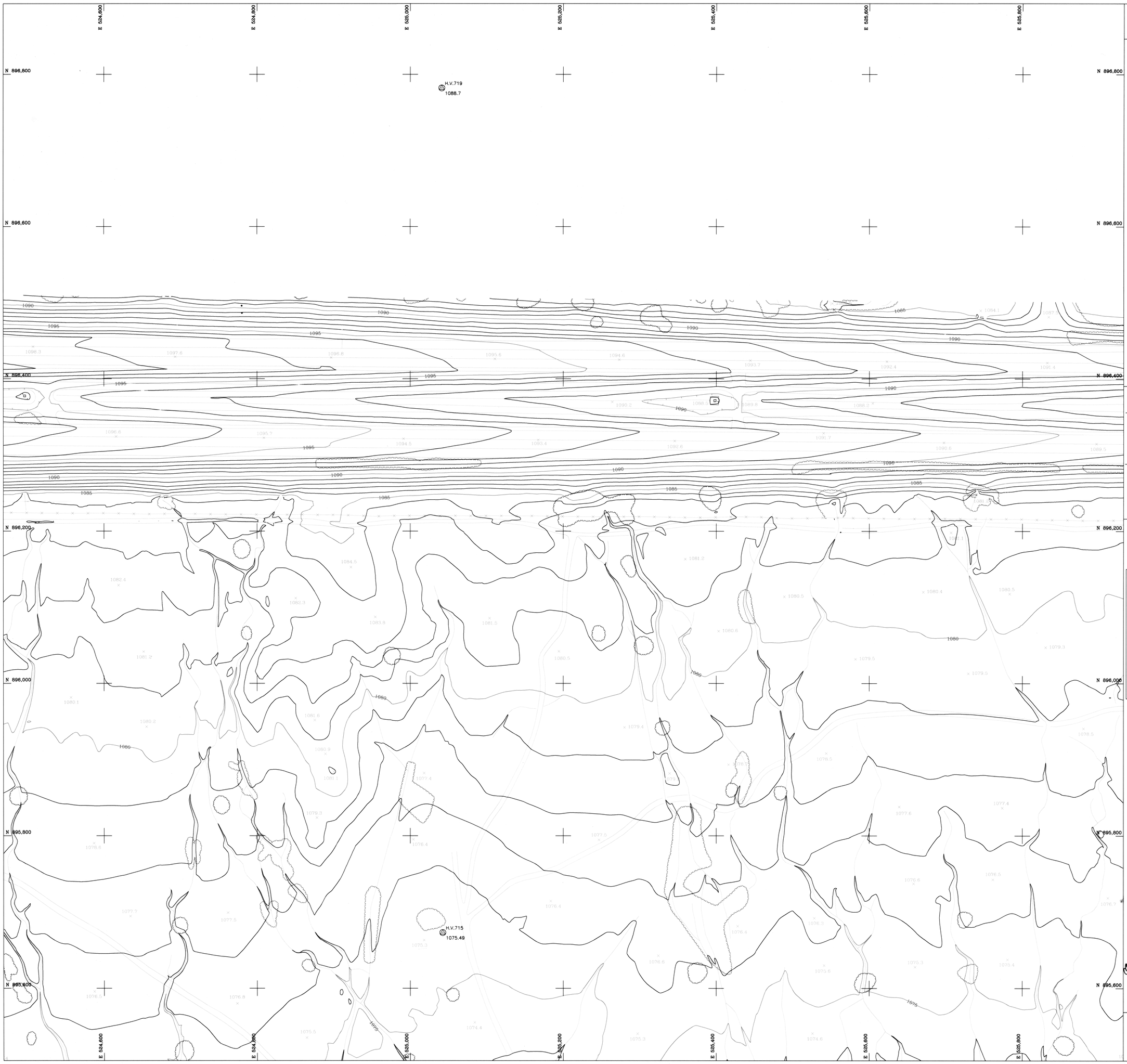
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0570-0803001P SHEET 2 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
715	1075.494	895673.221, 525042.498
719	1088.700	896782.066, 525041.157

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
715	1075.494	895574.708, 524984.750
719	1088.700	896683.431, 524983.409

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

CERTIFICATE NO. 14189 EUGENE D. BUNGER ARIZONA U.S.A.

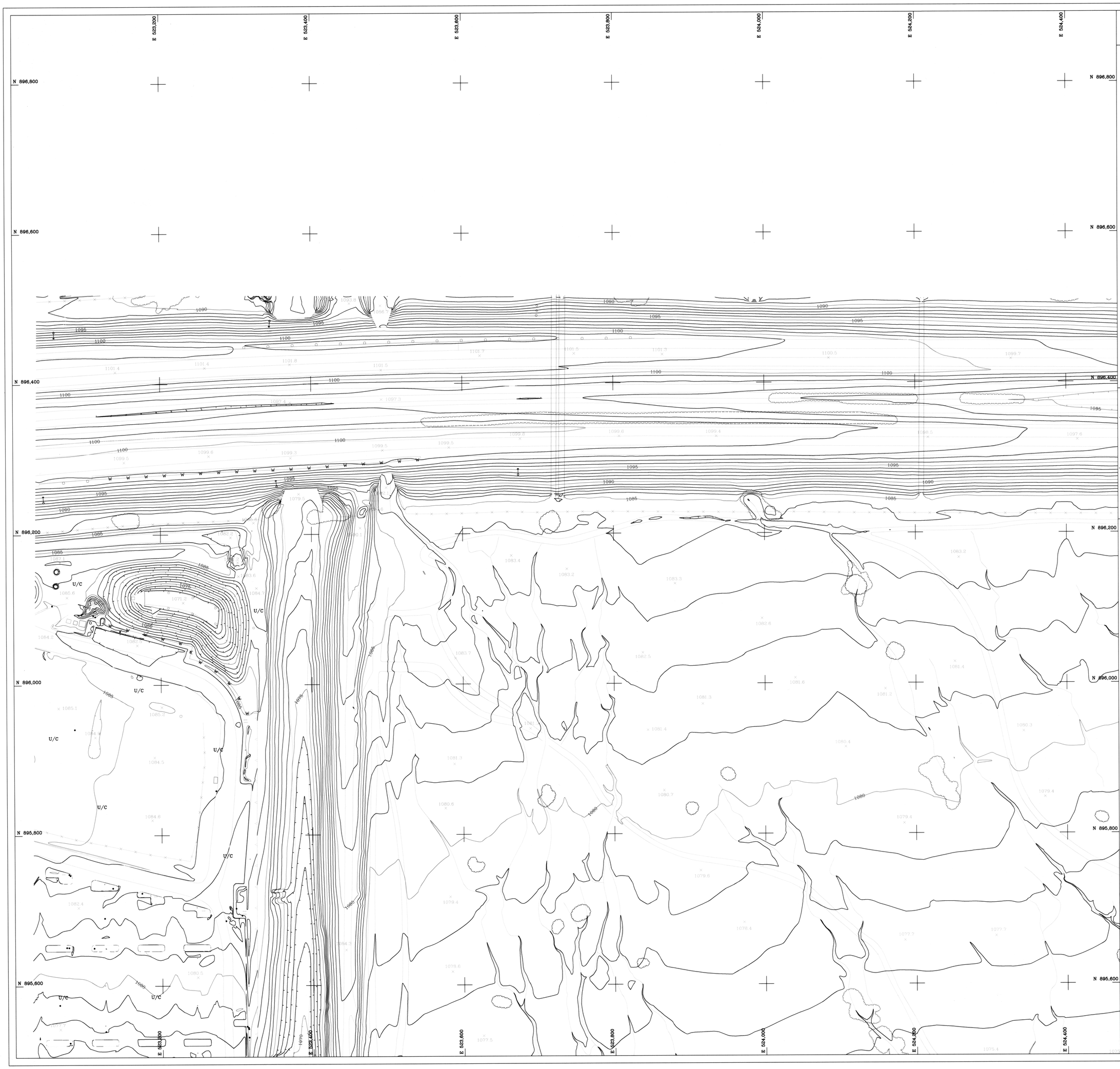
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 5535-2800SHP SHEET 3 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

4	3	2	1
5	6	7	8
9	10	11	12
14	15	16	17
			18

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES FOR WHITE TANKS #4 REMEDIATION PROJECT F.C.D. CONTRACT NO. 2007C038

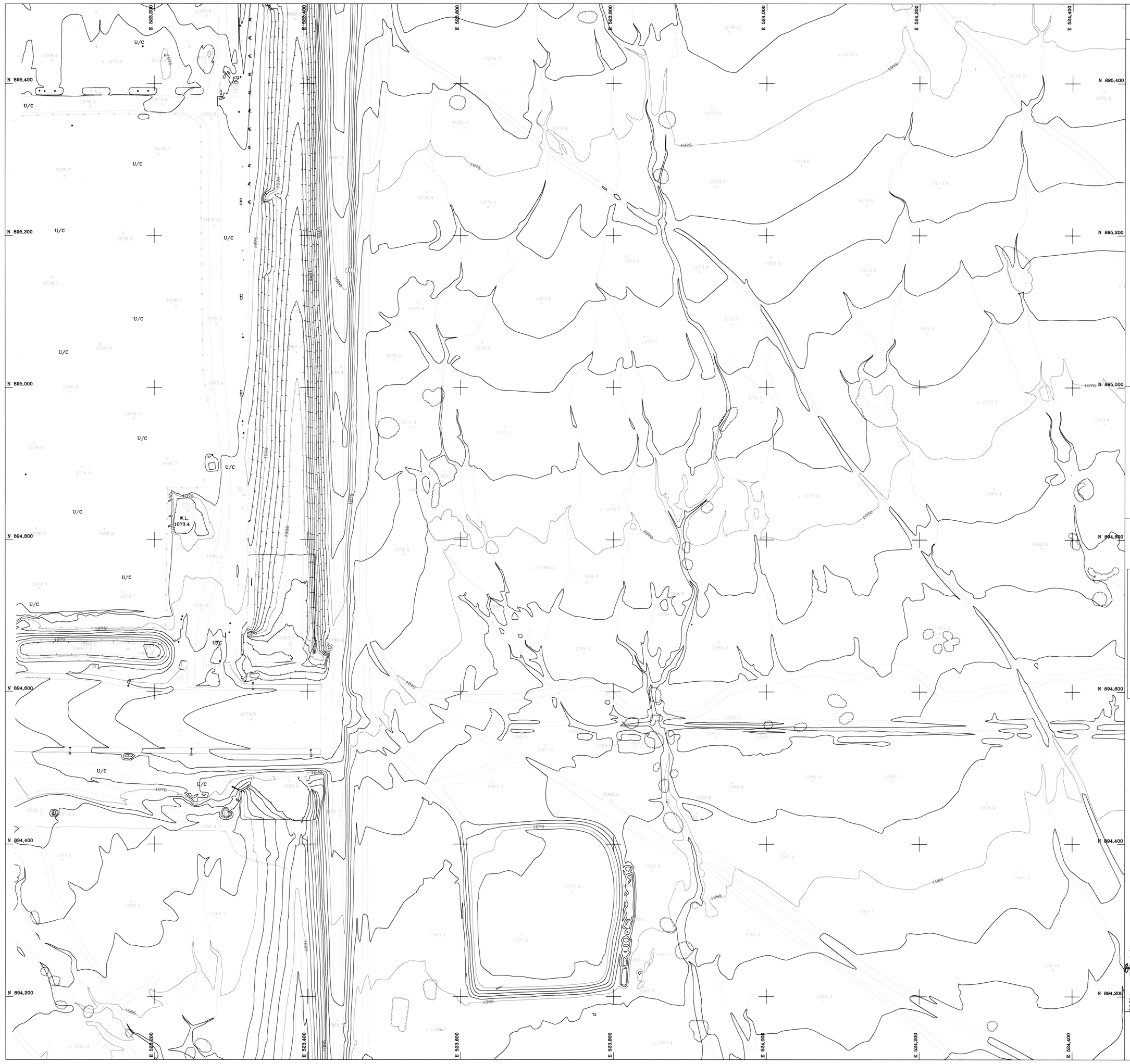
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0590-080308HP SHEET 4 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	(5)	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

14189
EVART D. BUNGER
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
ARIZONA U.S.A.

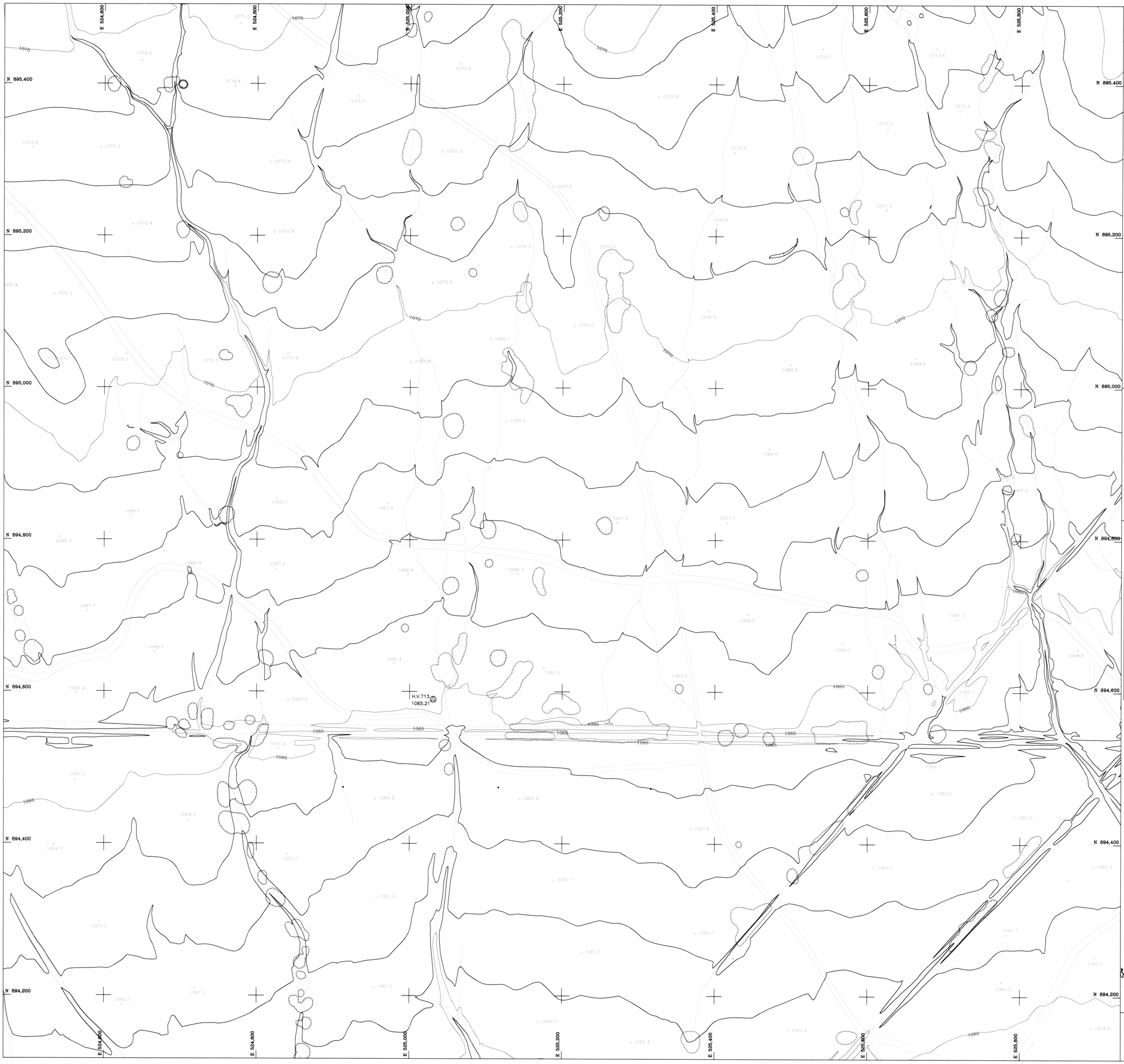
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANI	-	-
PLANI CHK'D	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-080308P SHEET 5 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARD
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

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GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
713	1065.211	894589.786, 525031.027

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
713	1065.211	894491.392, 524973.279

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

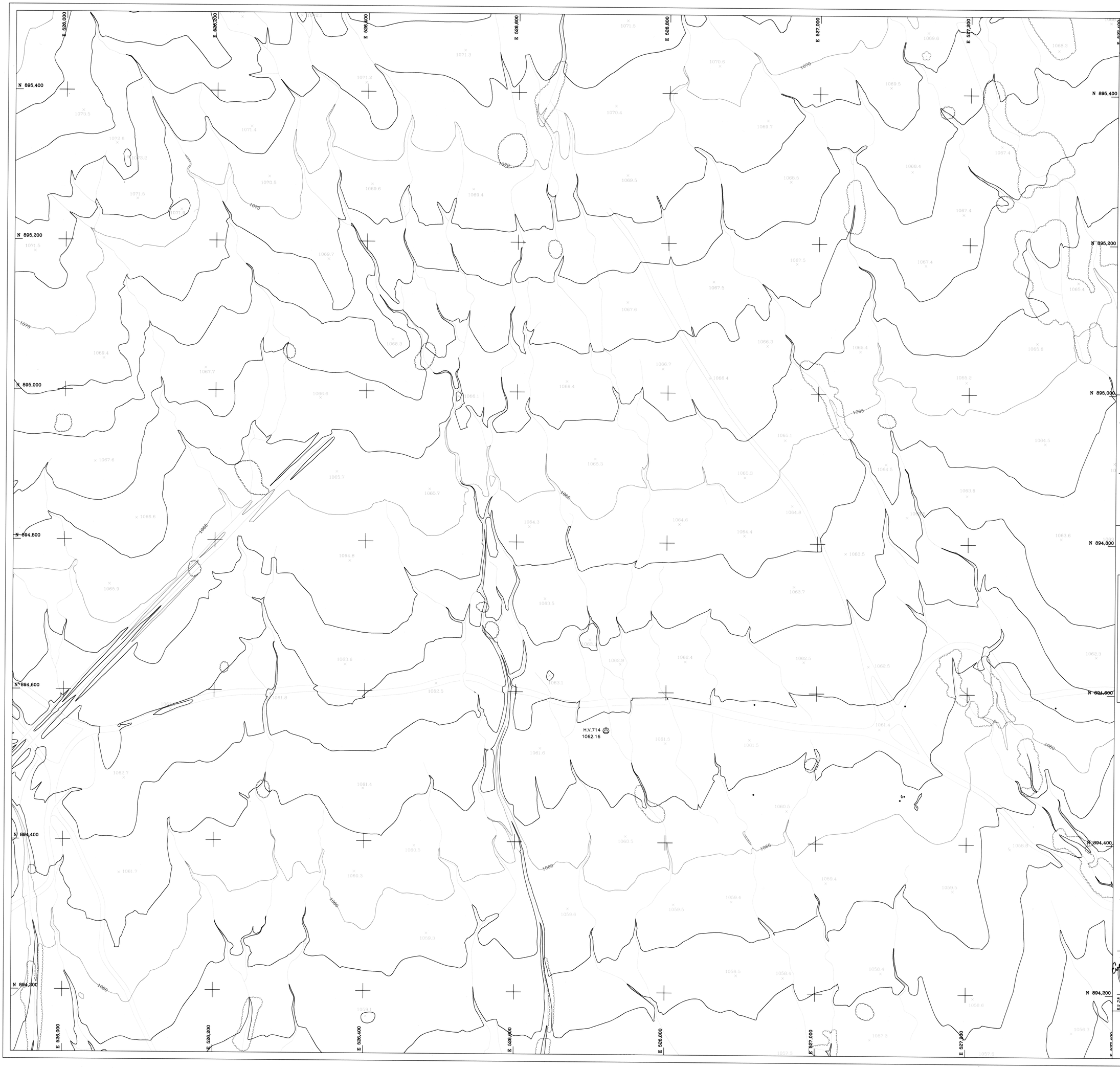
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 8696-060308P SHEET 6 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
714	1062.163	894548.895, 526720.698

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
714	1062.163	894450.506, 526662.765

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	(7)	8
9	10	11	12	13
14	15	16	17	18

N

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

REGISTERED LAND SURVEYOR
14189
DUANE D. BUNGER
ORIGINAL ISSUE 6-30-08

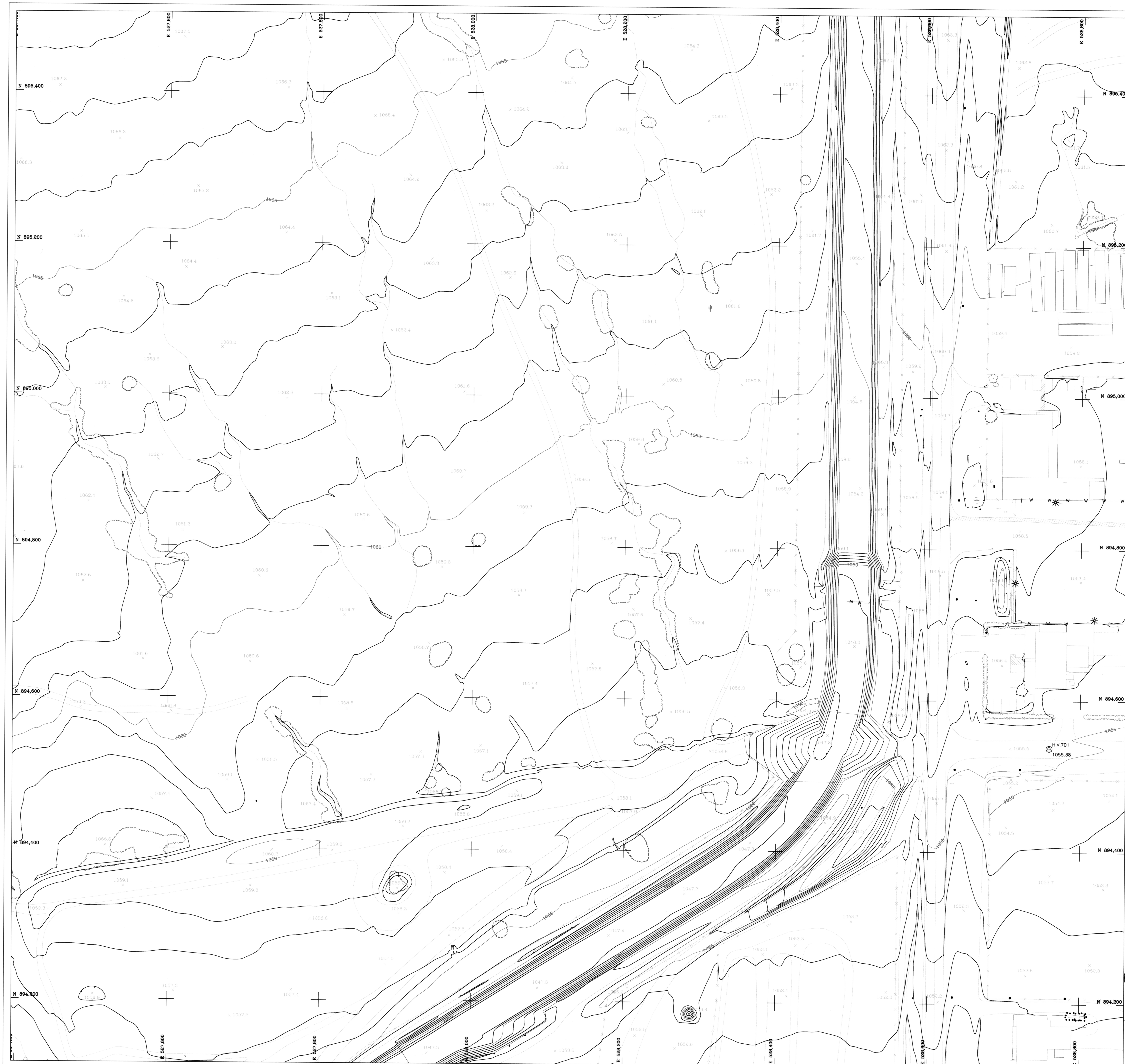
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-08030609 SHEET 7 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
701	1055.383	894537.547, 528759.082

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
701	1055.383	894439.159, 528700.925

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	(8)
9	10	11	12	13
14	15	16	17	18

N

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

REGISTERED LAND SURVEYOR CERTIFICATE NO. 14169 EVART D. BUNGER Date signed 6-18-08 ARIZONA, U.S.A. Expires 3-31-11

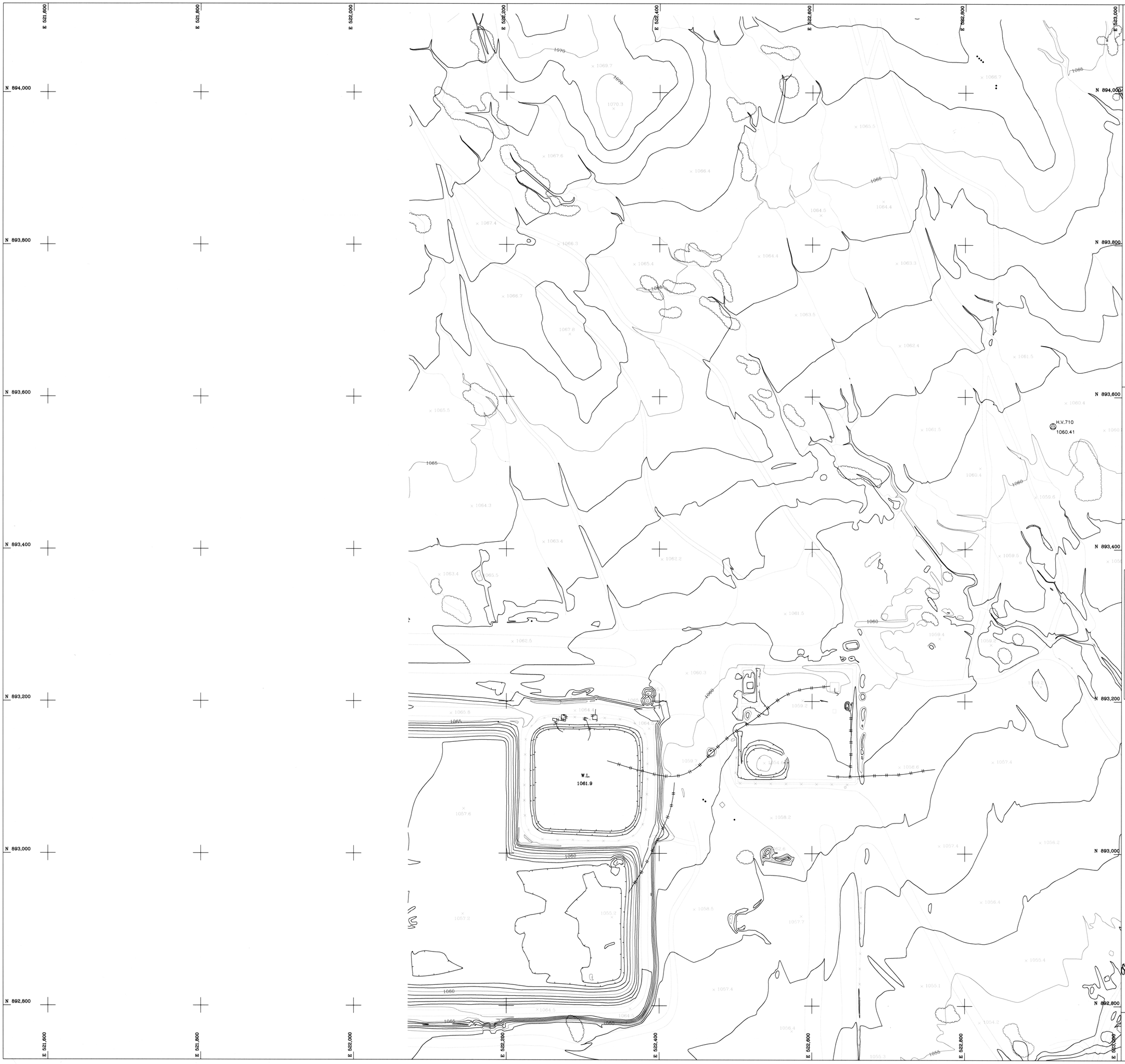
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-0803028P SHEET 8 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
710	1060.418	893561.943, 522914.822

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
710	1060.418	893463.662, 522857.308

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

N

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

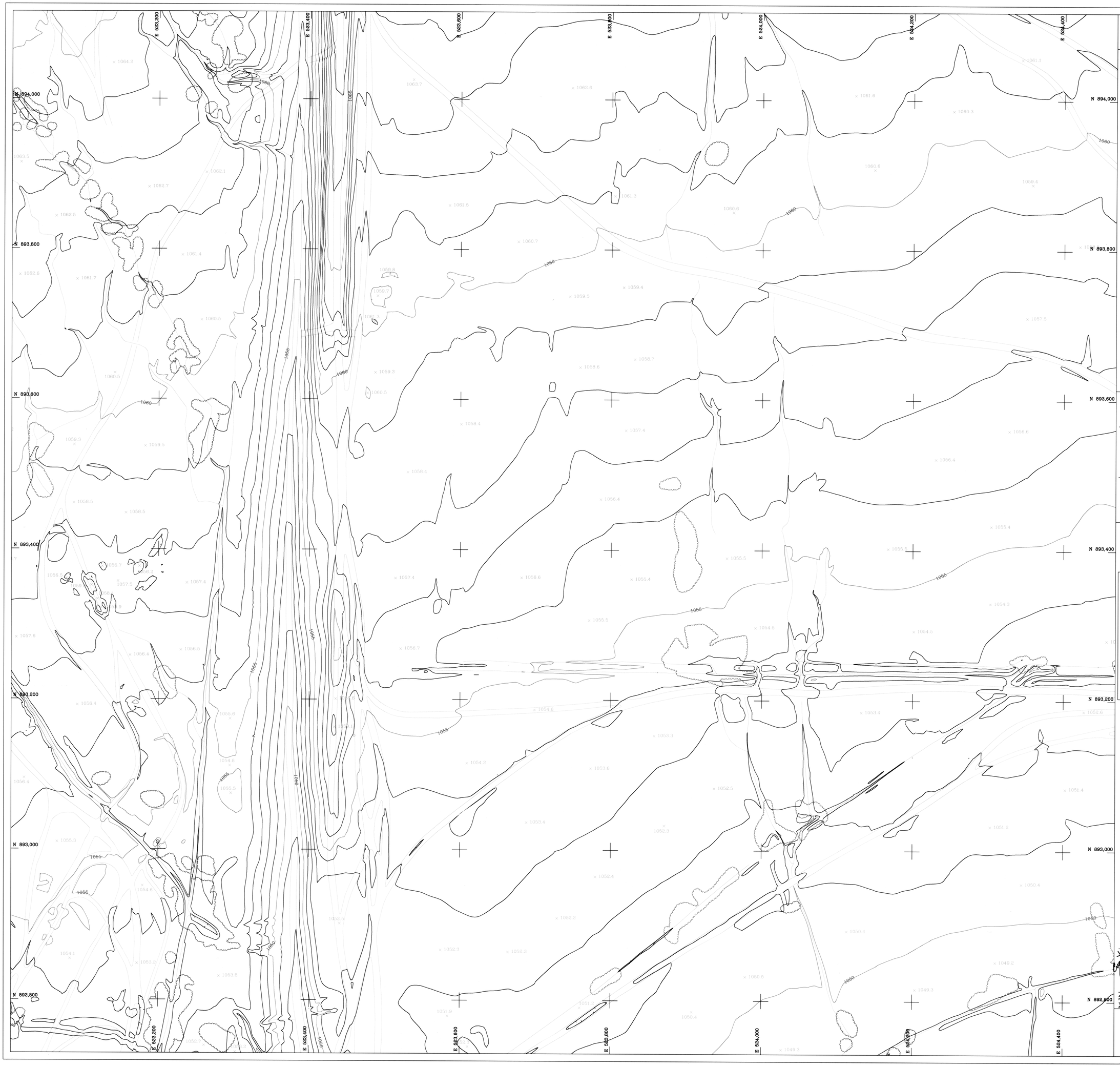
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-880308P SHEET 9 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

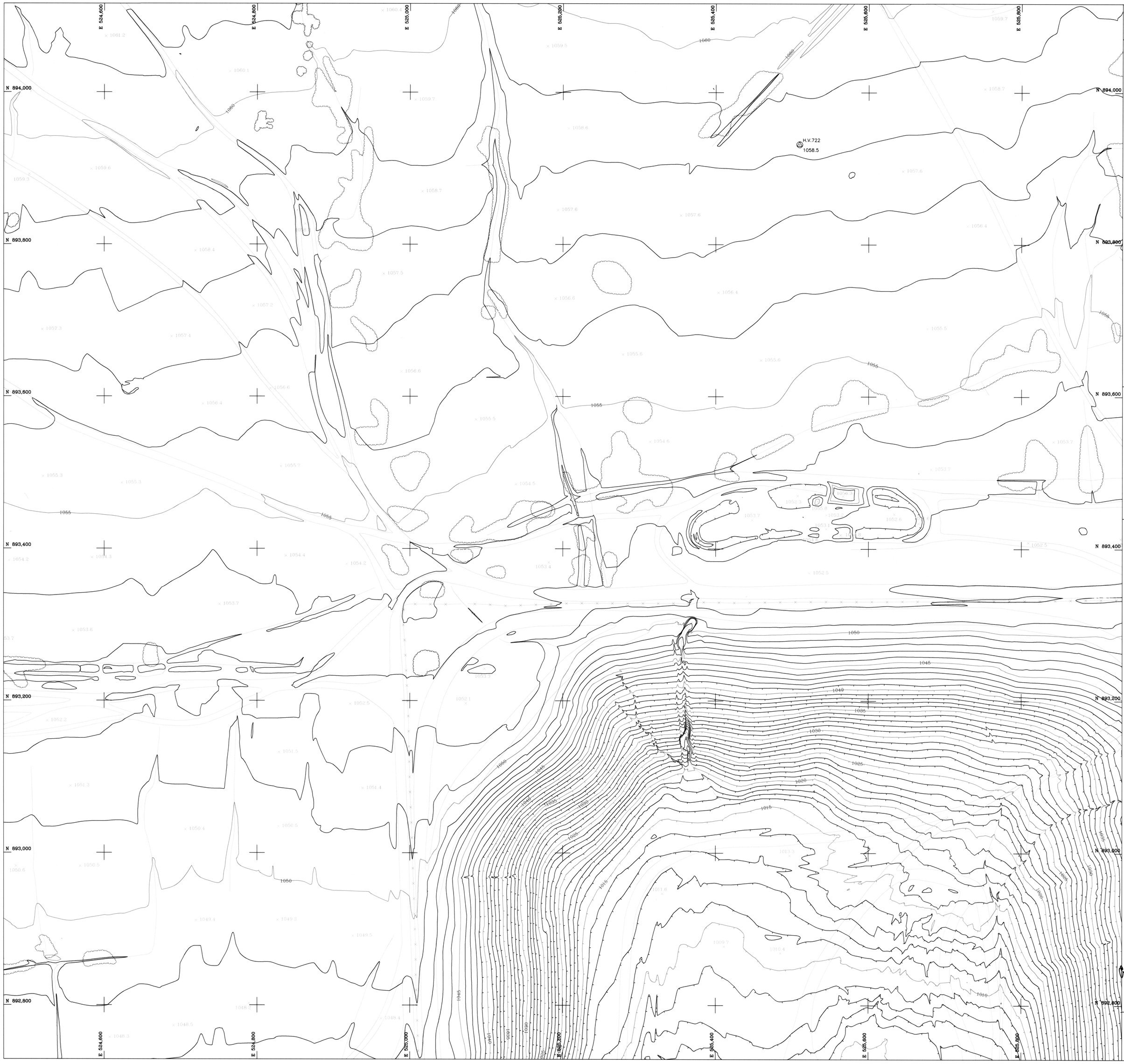
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2696-00030209 SHEET 10 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
722BP	1058.505	893931.688, 525509.453

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
722BP	1058.505	893833.367, 525451.654

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

COOPER AERIAL SURVEYS CO.

14189
DWIGHT D. BUNGE
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
ARIZONA U.S.A.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. DUNS-0002000P SHEET 11 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

E 526,000 E 526,200 E 526,400 E 526,600 E 526,800 E 527,000 E 527,200 E 527,400

N 894,000 N 893,800 N 893,600 N 893,400 N 893,200 N 893,000 N 892,800

H.V.709
1052.6

LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
709	1052.606	893551.017, 526724.718

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
709	1052.606	893452.737, 526666.785

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

4	3	2	1	
5	6	7	8	
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

14189
EVAN D. BUNGER
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
ARIZONA, U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2630-100360MP SHEET 12 OF 18

ALL MAPPING AND SURVEYS IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARD
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

N

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES FOR WHITE TANKS #4 REMEDIATION PROJECT F.C.D. CONTRACT NO. 2007C038

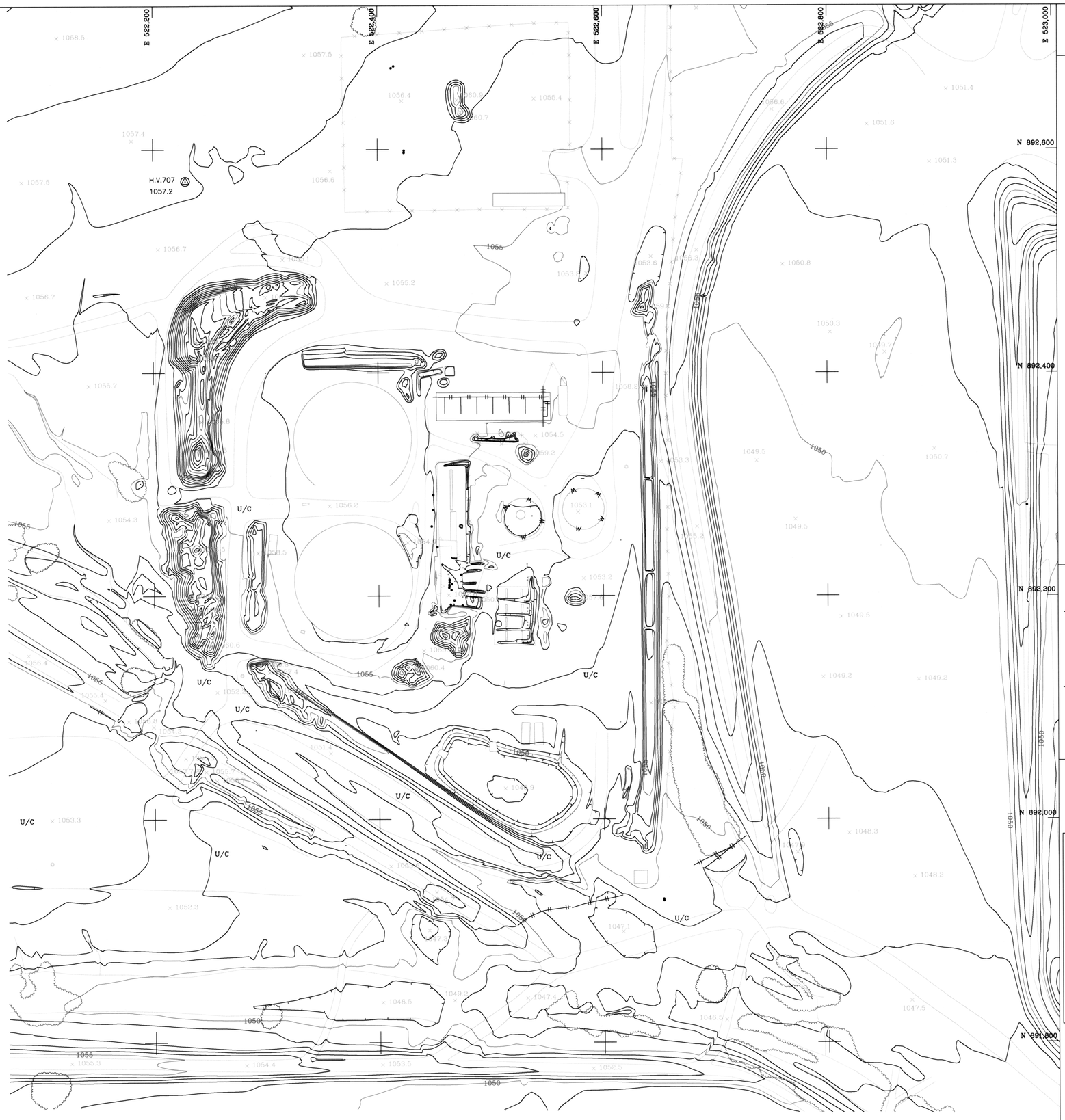
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2690-080308P
SHEET 13 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
707	1057.207	892571.556, 522228.773
706	1048.104	891343.658, 522299.620
705	1044.537	891348.987, 522971.329

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
707	1057.207	892473.384, 522171.334
706	1048.104	891245.621, 522242.173
705	1044.537	891250.949, 522913.809

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40' 0' 40' 80'

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

COOPER AERIAL SURVEYS CO.

14189 JAMES S. BUNGER REGISTERED LAND SURVEYOR CERTIFICATE EXPIRES 9-30-08 ARIZONA, U.S.A.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0699-0803699P SHEET 14 OF 18

ALL MAPPING DATA PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

E 523,200 E 523,400 E 523,600 E 523,800 E 524,000 E 524,200 E 524,400

N 892,600 N 892,400 N 892,200 N 892,000 N 891,800 N 891,600 N 891,400

BM WT4 BM1 ~~1046.30~~ 1046.259

REGISTERED LAND SURVEYOR CERTIFICATE NO. 33307 RONALD J. BASGALUPP ARIZONA U.S.A.

EXP: 3/31/11

LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARD
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION

BENCH MARKS SET

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
WT4 BM1	1046.30	891995.56, 523377.33

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
WT4 BM1	1046.30	891897.45, 523319.76

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

REGISTERED LAND SURVEYOR CERTIFICATE NO. 14189 DANIEL E. BUNGER ARIZONA U.S.A.

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0610-080308P SHEET 15 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

E 524,600 E 524,800 E 525,000 E 525,200 E 525,400 E 525,600 E 525,800

N 892,600 N 892,400 N 892,200 N 892,000 N 891,800 N 891,600 N 891,400

H.V.708
1044.28

U/C

LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
708	1044.286	892398.300, 525059.461

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
708	1044.286	892300.147, 525001.711

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

	4	3	2	1
	5	6	7	8
9	10	11	12	13
14	15	16	17	18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

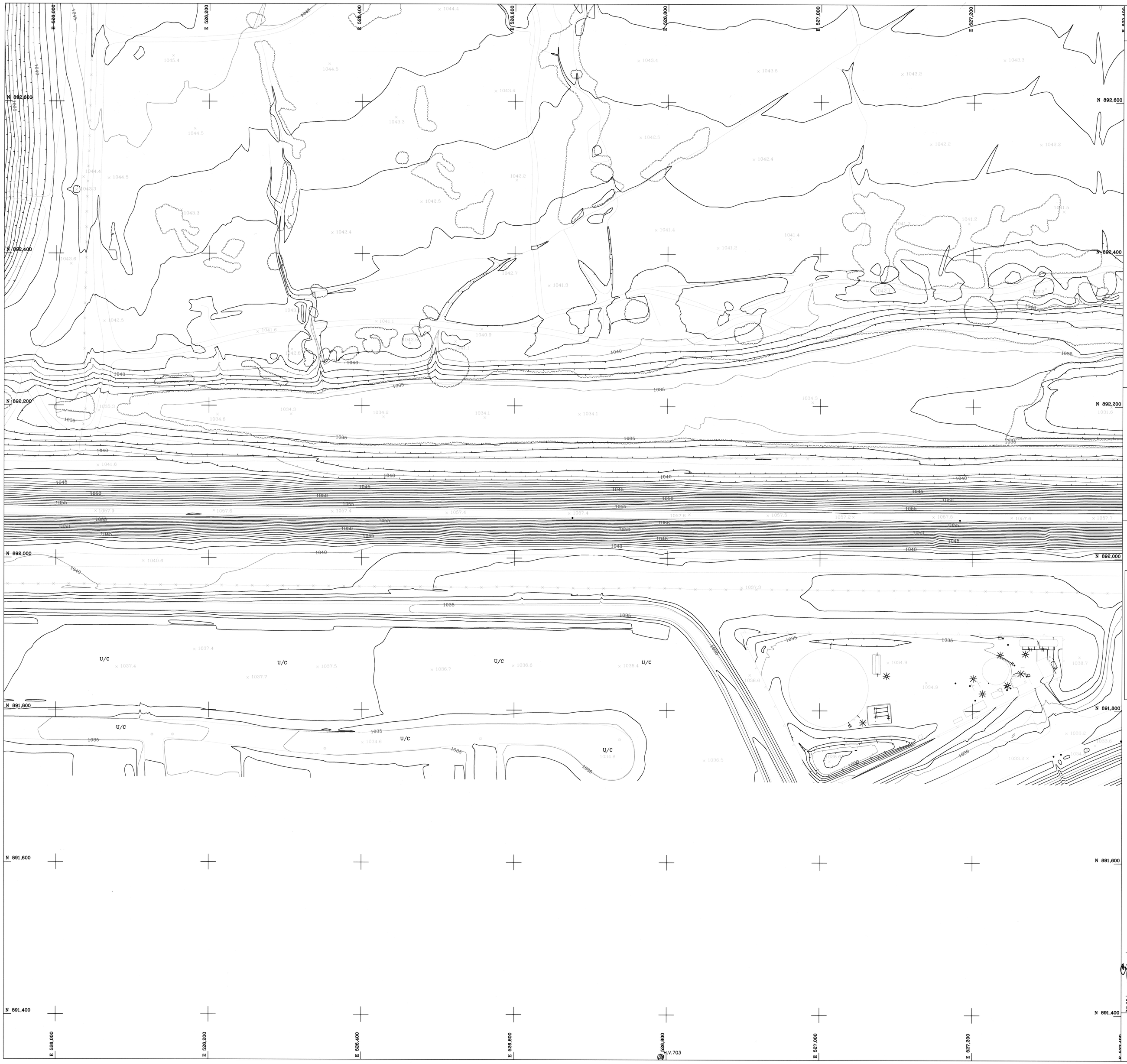
COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0606-0603000P SHEET 16 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS



LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
703	1032.876	891344.599, 526792.751

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
703	1032.876	891246.561, 526734.810

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

4	3	2	1
5	6	7	8
9	10	11	12
14	15	16	17
			18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK	-	-
PLANS	-	-
PLANS CHK	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 0630-080302MP SHEET 17 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS

E 527,600 E 527,800 E 528,000 E 528,200 E 528,400 E 528,600 E 528,800

N 892,600 N 892,400 N 892,200 N 892,000 N 891,800 N 891,600 N 891,400

BM EXP: 3/31/11 WT4 BM2 ~~1037.50~~ 1037.461

H.V.716 1035.34

1028

LEGEND

- UNPAVED ROAD
- DEPRESSION CONTOUR
- PIPELINE
- SAGUARO
- CONTROL POINT
- POWER POLE
- LIGHT POLE
- DRAIN
- LEVEE
- FENCE
- WALL
- RETAINING WALL
- GUARDRAIL
- TREELINE

NOTE: THE SURVEY DATA IN THIS PROJECT IS PRESENTED IN GROUND COORDINATES. TO CONVERT THIS PROJECT TO STATE PLANE COORDINATES USE THE GROUND TO GRID SCALE FACTOR OF 0.99890012099.

GROUND CONTROL POINTS

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
716	1035.349	892325.811, 528745.532
702	1028.242	891400.543, 528839.001

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
716	1035.349	892227.666, 528687.377
702	1028.242	891302.500, 528780.835

BENCH MARKS SET

GROUND COORDINATES

I.D.	ELEVATION	LOCATION
WT4 BM2	1037.50	891967.52, 527867.51

STATE PLANE COORDINATES

I.D.	ELEVATION	LOCATION
WT4 BM2	1037.50	891869.41, 527809.45

NOTES

All mapping data is based on ground control provided by Geomatics Consulting Group and referenced to GDACS.

4	3	2	1
5	6	7	8
9	10	11	12
14	15	16	17

18

40′ 0′ 40′ 80′

SCALE: 1"= 40 FEET
CONTOUR INTERVAL = 1 FEET

NO.	REVISION	BY	DATE

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

AERIAL MAPPING SERVICES
FOR WHITE TANKS #4
REMEDIATION PROJECT
F.C.D. CONTRACT NO.
2007C038

COOPER AERIAL SURVEYS CO.

	BY	DATE
DESIGN	-	-
DESIGN CHK.	-	-
PLANS	-	-
PLANS CHK.	-	-

COOPER AERIAL SURVEYS CO.
JOB NO. 2520-080302BP SHEET 18 OF 18

ALL MAPPING PROVIDED IS BASED ON CONTROL FURNISHED BY GEOMATICS CONSULTING GROUP

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 40' HORIZONTAL SCALE AND 1' CONTOUR INTERVALS