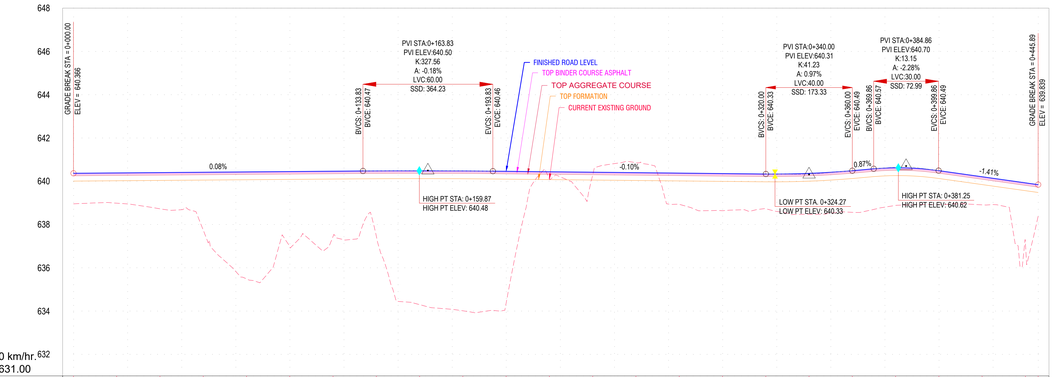
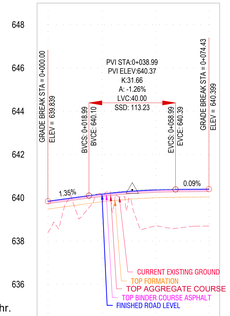


DESIGN SPEED= 20.00 km/hr.
DATUM ELEVATION= 631.00

EXISTING GROUND	638.95	638.99	638.73	637.74	635.49	636.96	637.44	637.46	634.30	634.01	634.37	640.10	640.29	640.86	638.93	638.64	638.73	638.47	638.56	638.88	638.92	638.91	637.11	638.38			
FINISHED GROUND	640.366	640.382	640.398	640.413	640.429	640.445	640.461	640.476	640.462	640.476	640.458	640.438	640.417	640.396	640.376	640.355	640.334	640.362	640.467	640.621	640.488	640.205	639.922	639.839			
BINDER COURSE	640.316	640.332	640.348	640.363	640.379	640.395	640.411	640.426	640.432	640.426	640.408	640.388	640.367	640.346	640.326	640.305	640.284	640.312	640.437	640.571	640.438	640.155	639.872	639.789			
AGGREGATE COURSE	640.256	640.272	640.288	640.303	640.319	640.335	640.351	640.366	640.372	640.366	640.348	640.328	640.307	640.286	640.266	640.245	640.224	640.252	640.377	640.511	640.378	640.095	639.812	639.729			
FORMATION LEVEL	640.006	640.022	640.038	640.053	640.069	640.085	640.101	640.116	640.122	640.116	640.098	640.078	640.057	640.036	640.016	639.995	639.974	640.002	640.127	640.261	640.128	639.845	639.562	639.479			
THICKNESS BETWEEN FORMATION AND EXISTING LEVELS (m.)	+1.05	+1.04	+1.31	+2.22	+4.58	+3.13	+2.66	+2.66	+3.83	+4.11	+5.73	-0.02	-0.23	-0.82	+1.08	+1.36	+1.25	+1.53	+1.56	+1.38	+1.21	+0.94	+2.45	+1.10			
STATION	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+445.89			
VERTICAL GEOMETRY	G=0.08% LT=133.83							K=327.56 CREST LVC=60.00			G=-0.104% LT=126.17							K=41.23 SAG LVC=40.00	G=0.87% LT=9.86	K=13.15 CREST LVC=30.00			G=-1.414% LT=46.03				
HORIZONTAL GEOMETRY	LT=130.99							0+130.99 R=11.40 LC=17.92 0+148.91	LT=45.67		0+194.58 R=11.40 LC=17.92 0+212.50	LT=59.60	LT=27.19	LT=32.83				0+302.12 R=11.40 LC=17.91 0+320.03		LT=95.86								

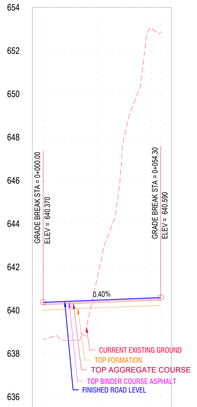
RING ROAD PROFILE FROM 0+000.00 TO 0+445.89
HZ SCALE 1:1000
VL SCALE 1:100



DESIGN SPEED= 20.00 km/hr.
DATUM ELEVATION= 634.00

EXISTING GROUND	638.38	639.68	639.27	638.60	638.69
FINISHED GROUND	639.839	640.110	640.311	640.386	640.399
BINDER COURSE	639.789	640.060	640.261	640.336	640.349
AGGREGATE COURSE	639.729	640.000	640.201	640.276	640.289
FORMATION LEVEL	639.479	639.750	639.951	640.026	640.039
THICKNESS BETWEEN FORMATION AND EXISTING LEVELS (m.)	+1.10	+0.07	+0.68	+1.43	+1.35
STATION	0+000	0+020	0+040	0+060	0+074.43
VERTICAL GEOMETRY	G=1.35% LT=18.99		K=31.66 CREST LVC=40.00		G=0.09% LT=15.44
HORIZONTAL GEOMETRY	LT=30.66		0+049.66 R=11.40 LC=17.91 0+067.57		LT=25.85

ROAD 01 PROFILE FROM 0+000.00 TO 0+074.43
HZ SCALE 1:1000
VL SCALE 1:100



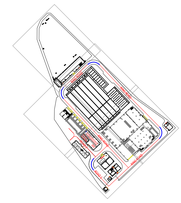
DESIGN SPEED= 20.00 km/hr.
DATUM ELEVATION= 634.00

EXISTING GROUND	638.68	639.22	640.07	652.87
FINISHED GROUND	640.370	640.451	640.532	640.590
BINDER COURSE	640.320	640.401	640.482	640.540
AGGREGATE COURSE	640.260	640.341	640.422	640.480
FORMATION LEVEL	640.010	640.091	640.172	640.230
THICKNESS BETWEEN FORMATION AND EXISTING LEVELS (m.)	+1.33	+0.87	-8.90	-12.64
STATION	0+000	0+020	0+040	0+054.30
VERTICAL GEOMETRY	G=0.40% LT=54.30			
HORIZONTAL GEOMETRY	LT=54.30			

ROAD 02 PROFILE FROM 0+000.00 TO 0+054.30
HZ SCALE 1:1000
VL SCALE 1:100

100 PROFILE
1:1000
VERTICAL SCALE
0 500 1000 2000 3000 4000 5000 mm
SCALE 1:100 @ A0, 1:200 @ A1
HORIZONTAL SCALE
0 10 20 30 40 50 m
SCALE 1:1000 @ A0, 1:2000 @ A1

STP KEY PLAN



ORIENTATION

PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

Disclaimer: By the Consultant ' s review status indicated herein, the Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents, unless the Contractor has specifically informed the Consultant of such deviation in writing at the time of the submission. The Contractor shall not be relieved from responsibility for errors, omissions or uncoordinated information in the submission or non-compliance with the Contract Documents and Applicable Laws. The recipient is responsible to ensure the contents of this disclaimer are understood by personnel in their organization.

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE IN METERS.
3. FINISHED DESIGN LEVELS IS THE FINISHED ASPHALT LEVEL ALONG THE ROAD CENTER LINE.
4. SHOP DRAWINGS REF.
   FOR ASPHALT DIM PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000003
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

A: GRADE CHANGE
K: RATE OF VERTICAL CURVATURE
LVC: LENGTH OF VERTICAL CURVE
BVCS:BEGINNING OF VERTICAL CURVE STATION
BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
EVCS: END OF VERTICAL CURVE STATION
EVCE: END OF VERTICAL CURVE ELEVATION
0.50%: LONGITUDINAL SLOPE
PVI: POINT OF VERTICAL INTERSECTION
0+000: STATION VALUE
ELEV: ELEVATION
STA: STATION
HZ: HORIZONTAL
VL: VERTICAL
LT: LENGTH OF TANGENT
R: RADIUS
G: GRADE
PT: POINT

LEGENDS

- EXISTING GROUND LEVEL
- FINISHED GROUND LEVEL
- TOP BINDER COURSE LEVEL
- TOP AGGREGATE LEVEL
- TOP FORMATION LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	19/09/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMIR ADAMIRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
RIYADH, KINGDOM OF SAUDI ARABIA
www.dgda.gov.sa

PROGRAMME MANAGEMENT CONSULTANT :
SAUDI ARABIAN PARSONS LIMITED
RIYADH P.O. BOX 11431
PHONE: +966 1 2884016
FAX: +966 1 2172134

CONSTRUCTION SUPERVISION CONSULTANT :
DORSCH HOLDING GmbH
RIYADH P.O. BOX 94506
PHONE: +966 11 8020618
FAX: +966 11 8020618
دورش هولدنج جي أم بي أتش
Dorsch Holding GmbH
KSA المملكة العربية السعودية

CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 9200333155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
ROADS PROFILES
RING ROAD FROM ST. 0+000.00 TO ST. 0+445.89
ROAD01 FROM ST. 0+000.00 TO ST. 0+074.43
ROAD02 FROM ST. 0+000.00 TO ST. 0+054.30

PURPOSE OF ISSUE : FOR APPROVAL
SEAL DATE : 19/09/2026

DESIGN :	DRAWN :	CHECKED :	APPROVED :
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES

MODEL FILE REF : DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM
SCALE : 1:1000
REVISION NO. : 02

DRAWING NUMBER : DG-PIN-456-0000-AWJ-SDW-CE-100-2000001

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 100	659671.73	2734010.32	640.544	AWJ-IF-PT-(AL+CL)
PT: 101	659673.38	2734008.60	640.528	AWJ-IF-PT-(AL+CL)
PT: 131	659669.03	2734004.47	640.617	AWJ-IF-PT-(AL+CL)
PT: 136	659667.38	2734006.22	640.634	AWJ-IF-PT-(AL+CL)
PT: 137	659676.82	2734004.97	640.507	AWJ-IF-PT-(AL+CL)
PT: 138	659670.30	2734003.13	640.614	AWJ-IF-PT-(AL+CL)
PT: 139	659671.36	2734000.28	640.608	AWJ-IF-PT-(AL+CL)
PT: 143	659670.12	2733997.51	640.641	AWJ-IF-PT-(AL+CL)
PT: 144	659667.65	2733995.18	640.705	AWJ-IF-PT-(AL+CL)
PT: 145	659671.78	2733990.82	640.681	AWJ-IF-PT-(AL+CL)
PT: 146	659674.25	2733993.16	640.642	AWJ-IF-PT-(AL+CL)
PT: 147	659677.03	2733994.25	640.606	AWJ-IF-PT-(AL+CL)
PT: 148	659680.05	2733992.85	640.566	AWJ-IF-PT-(AL+CL)
PT: 149	659680.26	2734001.34	640.487	AWJ-IF-PT-(AL+CL)
PT: 150	659683.70	2733997.71	640.467	AWJ-IF-PT-(AL+CL)
PT: 151	659687.14	2733994.09	640.447	AWJ-IF-PT-(AL+CL)
PT: 152	659682.79	2733989.96	640.537	AWJ-IF-PT-(AL+CL)
PT: 153	659690.58	2733990.46	640.427	AWJ-IF-PT-(AL+CL)
PT: 154	659686.23	2733986.33	640.517	AWJ-IF-PT-(AL+CL)
PT: 155	659689.67	2733982.70	640.496	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 156	659693.11	2733979.07	640.477	AWJ-IF-PT-(AL+CL)
PT: 157	659697.46	2733983.20	640.387	AWJ-IF-PT-(AL+CL)
PT: 159	659696.29	2733975.72	640.442	AWJ-IF-PT-(AL+CL)
PT: 161	659699.98	2733980.55	640.377	AWJ-IF-PT-(AL+CL)
PT: 162	659700.98	2733979.65	640.380	AWJ-IF-PT-(AL+CL)
PT: 191	659696.54	2733975.44	640.436	AWJ-IF-PT-(AL+CL)
PT: 192	659709.08	2733978.53	640.438	AWJ-IF-PT-(AL+CL)
PT: 196	659712.97	2733981.70	640.436	AWJ-IF-PT-(AL+CL)
PT: 197	659714.23	2733987.64	640.447	AWJ-IF-PT-(AL+CL)
PT: 198	659712.02	2733992.04	640.453	AWJ-IF-PT-(AL+CL)
PT: 199	659710.97	2733993.16	640.454	AWJ-IF-PT-(AL+CL)
PT: 200	659711.75	2733980.23	640.435	AWJ-IF-PT-(AL+CL)
PT: 201	659714.17	2733984.57	640.441	AWJ-IF-PT-(AL+CL)
PT: 202	659705.58	2733977.96	640.420	AWJ-IF-PT-(AL+CL)
PT: 203	659698.49	2733971.25	640.383	AWJ-IF-PT-(AL+CL)
PT: 204	659698.57	2733970.48	640.382	AWJ-IF-PT-(AL+CL)
PT: 205	659697.78	2733966.33	640.391	AWJ-IF-PT-(AL+CL)
PT: 206	659698.03	2733966.91	640.390	AWJ-IF-PT-(AL+CL)
PT: 207	659703.75	2733963.79	640.297	AWJ-IF-PT-(AL+CL)
PT: 208	659696.39	2733960.66	640.361	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 209	659702.74	2733960.28	640.266	AWJ-IF-PT-(AL+CL)
PT: 210	659697.57	2733954.38	640.320	AWJ-IF-PT-(AL+CL)
PT: 211	659703.32	2733956.67	640.227	AWJ-IF-PT-(AL+CL)
PT: 212	659701.13	2733949.38	640.271	AWJ-IF-PT-(AL+CL)
PT: 213	659705.03	2733953.99	640.188	AWJ-IF-PT-(AL+CL)
PT: 214	659709.38	2733958.12	640.098	AWJ-IF-PT-(AL+CL)
PT: 215	659709.84	2733957.64	640.091	AWJ-IF-PT-(AL+CL)
PT: 216	659713.28	2733954.01	640.037	AWJ-IF-PT-(AL+CL)
PT: 217	659716.72	2733950.38	639.974	AWJ-IF-PT-(AL+CL)
PT: 218	659720.16	2733946.75	639.907	AWJ-IF-PT-(AL+CL)
PT: 219	659721.42	2733945.42	639.882	AWJ-IF-PT-(AL+CL)
PT: 220	659717.07	2733941.29	639.972	AWJ-IF-PT-(AL+CL)
PT: 221	659704.57	2733945.75	640.217	AWJ-IF-PT-(AL+CL)
PT: 222	659708.01	2733942.12	640.155	AWJ-IF-PT-(AL+CL)
PT: 223	659711.45	2733938.49	640.087	AWJ-IF-PT-(AL+CL)
PT: 224	659714.89	2733934.87	640.019	AWJ-IF-PT-(AL+CL)
PT: 225	659718.33	2733931.24	639.952	AWJ-IF-PT-(AL+CL)
PT: 226	659722.69	2733935.37	639.862	AWJ-IF-PT-(AL+CL)
PT: 227	659719.25	2733938.99	639.929	AWJ-IF-PT-(AL+CL)
PT: 228	659721.77	2733927.61	639.949	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 229	659725.48	2733936.61	639.869	AWJ-IF-PT-(AL+CL)
PT: 230	659729.11	2733940.05	639.933	AWJ-IF-PT-(AL+CL)
PT: 231	659732.73	2733943.49	640.004	AWJ-IF-PT-(AL+CL)
PT: 232	659736.36	2733946.93	640.075	AWJ-IF-PT-(AL+CL)
PT: 233	659737.54	2733938.43	640.109	AWJ-IF-PT-(AL+CL)
PT: 234	659741.17	2733941.87	640.179	AWJ-IF-PT-(AL+CL)
PT: 235	659744.80	2733945.31	640.250	AWJ-IF-PT-(AL+CL)
PT: 236	659739.97	2733950.36	640.150	AWJ-IF-PT-(AL+CL)
PT: 237	659740.29	2733962.23	640.421	AWJ-IF-PT-(AL+CL)
PT: 238	659741.68	2733960.26	640.371	AWJ-IF-PT-(AL+CL)
PT: 239	659742.59	2733956.23	640.285	AWJ-IF-PT-(AL+CL)
PT: 240	659748.43	2733948.75	640.321	AWJ-IF-PT-(AL+CL)
PT: 241	659752.05	2733952.19	640.391	AWJ-IF-PT-(AL+CL)
PT: 242	659755.68	2733955.63	640.462	AWJ-IF-PT-(AL+CL)
PT: 243	659759.31	2733959.07	640.533	AWJ-IF-PT-(AL+CL)
PT: 244	659762.94	2733962.51	640.595	AWJ-IF-PT-(AL+CL)
PT: 245	659745.52	2733965.40	640.339	AWJ-IF-PT-(AL+CL)
PT: 246	659747.46	2733964.41	640.354	AWJ-IF-PT-(AL+CL)
PT: 247	659749.62	2733965.03	640.344	AWJ-IF-PT-(AL+CL)
PT: 248	659750.16	2733965.90	640.337	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 249	659749.96	2733966.59	640.332	AWJ-IF-PT-(AL+CL)
PT: 250	659757.26	2733973.24	640.449	AWJ-IF-PT-(AL+CL)
PT: 251	659757.92	2733973.04	640.458	AWJ-IF-PT-(AL+CL)
PT: 252	659758.56	2733973.31	640.468	AWJ-IF-PT-(AL+CL)
PT: 253	659759.10	2733973.82	640.475	AWJ-IF-PT-(AL+CL)
PT: 254	659762.73	2733977.26	640.498	AWJ-IF-PT-(AL+CL)
PT: 255	659765.59	2733979.98	640.504	AWJ-IF-PT-(AL+CL)
PT: 256	659768.24	2733977.18	640.562	AWJ-IF-PT-(AL+CL)
PT: 257	659768.99	2733976.87	640.569	AWJ-IF-PT-(AL+CL)
PT: 258	659769.72	2733977.20	640.576	AWJ-IF-PT-(AL+CL)
PT: 259	659773.33	2733980.62	640.562	AWJ-IF-PT-(AL+CL)
PT: 260	659766.57	2733965.95	640.637	AWJ-IF-PT-(AL+CL)
PT: 261	659770.20	2733969.39	640.661	AWJ-IF-PT-(AL+CL)
PT: 262	659773.82	2733972.83	640.666	AWJ-IF-PT-(AL+CL)
PT: 263	659777.45	2733976.27	640.652	AWJ-IF-PT-(AL+CL)
PT: 264	659781.08	2733979.71	640.618	AWJ-IF-PT-(AL+CL)
PT: 265	659784.71	2733983.15	640.575	AWJ-IF-PT-(AL+CL)
PT: 266	659788.34	2733986.59	640.532	AWJ-IF-PT-(AL+CL)
PT: 267	659791.97	2733990.03	640.491	AWJ-IF-PT-(AL+CL)
PT: 268	659795.60	2733993.47	640.457	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 269	659800.51	2733998.12	640.459	AWJ-IF-PT-(AL+CL)
PT: 270	659776.95	2733984.06	640.528	AWJ-IF-PT-(AL+CL)
PT: 271	659780.58	2733987.50	640.485	AWJ-IF-PT-(AL+CL)
PT: 272	659784.21	2733990.94	640.442	AWJ-IF-PT-(AL+CL)
PT: 273	659787.84	2733994.38	640.401	AWJ-IF-PT-(AL+CL)
PT: 274	659793.62	2734000.80	640.341	AWJ-IF-PT-(AL+CL)
PT: 275	659794.22	2734004.48	640.319	AWJ-IF-PT-(AL+CL)
PT: 276	659793.09	2734008.01	640.302	AWJ-IF-PT-(AL+CL)
PT: 277	659790.32	2734011.13	640.291	AWJ-IF-PT-(AL+CL)
PT: 278	659786.27	2734015.18	640.287	AWJ-IF-PT-(AL+CL)
PT: 279	659803.62	2734001.07	640.484	AWJ-IF-PT-(AL+CL)
PT: 280	659804.85	2734003.61	640.494	AWJ-IF-PT-(AL+CL)
PT: 281	659804.09	2734005.89	640.479	AWJ-IF-PT-(AL+CL)
PT: 282	659798.84	2734011.45	640.414	AWJ-IF-PT-(AL+CL)
PT: 283	659797.99	2734014.58	640.437	AWJ-IF-PT-(AL+CL)
PT: 284	659799.23	2734017.33	640.487	AWJ-IF-PT-(AL+CL)
PT: 285	659803.26	2734020.93	640.563	AWJ-IF-PT-(AL+CL)
PT: 286	659799.15	2734024.04	640.523	AWJ-IF-PT-(AL+CL)
PT: 287	659796.75	2734025.62	640.509	AWJ-IF-PT-(AL+CL)
PT: 288	659793.11	2734028.02	640.498	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 289	659783.26	2734018.21	640.289	AWJ-IF-PT-(AL+CL)
PT: 290	659787.70	2734031.58	640.484	AWJ-IF-PT-(AL+CL)
PT: 291	659784.67	2734033.74	640.479	AWJ-IF-PT-(AL+CL)
PT: 292	659780.54	2734036.68	640.471	AWJ-IF-PT-(AL+CL)
PT: 293	659776.41	2734039.61	640.464	AWJ-IF-PT-(AL+CL)
PT: 294	659772.27	2734042.55	640.456	AWJ-IF-PT-(AL+CL)
PT: 295	659779.73	2734021.75	640.294	AWJ-IF-PT-(AL+CL)
PT: 296	659778.45	2734023.03	640.293	AWJ-IF-PT-(AL+CL)
PT: 297	659777.69	2734023.36	640.287	AWJ-IF-PT-(AL+CL)
PT: 298	659776.91	2734023.06	640.281	AWJ-IF-PT-(AL+CL)
PT: 299	659772.60	2734027.37	640.287	AWJ-IF-PT-(AL+CL)
PT: 300	659772.91	2734028.10	640.293	AWJ-IF-PT-(AL+CL)
PT: 301	659772.61	2734028.82	640.300	AWJ-IF-PT-(AL+CL)
PT: 302	659775.48	2734024.57	640.284	AWJ-IF-PT-(AL+CL)
PT: 303	659769.15	2734032.38	640.310	AWJ-IF-PT-(AL+CL)
PT: 304	659765.66	2734035.97	640.316	AWJ-IF-PT-(AL+CL)
PT: 305	659762.18	2734039.55	640.322	AWJ-IF-PT-(AL+CL)
PT: 306	659768.14	2734045.49	640.448	AWJ-IF-PT-(AL+CL)
PT: 307	659758.69	2734043.14	640.328	AWJ-IF-PT-(AL+CL)
PT: 308	659764.00	2734048.43	640.441	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 309	659755.20	2734046.72	640.334	AWJ-IF-PT-(AL+CL)
PT: 310	659759.87	2734051.37	640.433	AWJ-IF-PT-(AL+CL)
PT: 311	659755.73	2734054.31	640.426	AWJ-IF-PT-(AL+CL)
PT: 312	659751.72	2734050.31	640.341	AWJ-IF-PT-(AL+CL)
PT: 313	659748.19	2734053.94	640.346	AWJ-IF-PT-(AL+CL)
PT: 314	659752.30	2734057.84	640.431	AWJ-IF-PT-(AL+CL)
PT: 315	659744.70	2734057.52	640.350	AWJ-IF-PT-(AL+CL)
PT: 316	659748.86	2734061.47	640.436	AWJ-IF-PT-(AL+CL)
PT: 317	659741.21	2734061.11	640.354	AWJ-IF-PT-(AL+CL)
PT: 318	659745.42	2734065.10	640.441	AWJ-IF-PT-(AL+CL)
PT: 319	659737.73	2734064.69	640.359	AWJ-IF-PT-(AL+CL)
PT: 320	659741.98	2734068.72	640.446	AWJ-IF-PT-(AL+CL)
PT: 321	659734.24	2734068.28	640.363	AWJ-IF-PT-(AL+CL)
PT: 322	659738.54	2734072.35	640.452	AWJ-IF-PT-(AL+CL)
PT: 323	659730.76	2734071.86	640.367	AWJ-IF-PT-(AL+CL)
PT: 324	659730.23	2734072.40	640.368	AWJ-IF-PT-(AL+CL)
PT: 325	659727.89	2734072.23	640.342	AWJ-IF-PT-(AL+CL)
PT: 326	659735.10	2734075.98	640.457	AWJ-IF-PT-(AL+CL)
PT: 327	659725.99	2734074.24	640.345	AWJ-IF-PT-(AL+CL)
PT: 328	659731.66	2734079.61	640.462	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 329	659722.55	2734077.87	640.350	AWJ-IF-PT-(AL+CL)
PT: 330	659728.21	2734083.23	640.467	AWJ-IF-PT-(AL+CL)
PT: 331	659719.11	2734081.49	640.355	AWJ-IF-PT-(AL+CL)
PT: 332	659724.77	2734086.86	640.472	AWJ-IF-PT-(AL+CL)
PT: 333	659715.67	2734085.12	640.360	AWJ-IF-PT-(AL+CL)
PT: 334	659715.51	2734085.30	640.361	AWJ-IF-PT-(AL+CL)
PT: 335	659715.78	2734087.63	640.389	AWJ-IF-PT-(AL+CL)
PT: 336	659721.34	2734090.50	640.478	AWJ-IF-PT-(AL+CL)
PT: 337	659713.55	2734090.00	640.393	AWJ-IF-PT-(AL+CL)
PT: 338	659717.90	2734094.13	640.483	AWJ-IF-PT-(AL+CL)
PT: 339	659710.10	2734093.62	640.398	AWJ-IF-PT-(AL+CL)
PT: 340	659714.46	2734097.75	640.488	AWJ-IF-PT-(AL+CL)
PT: 341	659706.98	2734096.63	640.403	AWJ-IF-PT-(AL+CL)
PT: 342	659710.33	2734101.60	640.493	AWJ-IF-PT-(AL+CL)
PT: 343	659704.50	2734103.89	640.498	AWJ-IF-PT-(AL+CL)
PT: 344	659703.58	2734097.97	640.408	AWJ-IF-PT-(AL+CL)
PT: 345	659699.92	2734097.78	640.414	AWJ-IF-PT-(AL+CL)
PT: 346	659698.25	2734103.48	640.503	AWJ-IF-PT-(AL+CL)
PT: 347	659692.76	2734100.46	640.509	AWJ-IF-PT-(AL+CL)
PT: 348	659696.65	2734096.05	640.420	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 349	659693.10	2734092.68	640.425	AWJ-IF-PT-(AL+CL)
PT: 350	659689.07	2734096.93	640.513	AWJ-IF-PT-(AL+CL)
PT: 351	659685.44	2734093.48	640.517	AWJ-IF-PT-(AL+CL)
PT: 352	659689.56	2734089.15	640.428	AWJ-IF-PT-(AL+CL)
PT: 353	659688.35	2734088.13	640.430	AWJ-IF-PT-(AL+CL)
PT: 354	659681.82	2734090.04	640.521	AWJ-IF-PT-(AL+CL)
PT: 355	659678.18	2734086.62	640.524	AWJ-IF-PT-(AL+CL)
PT: 356	659683.52	2734080.99	640.462	AWJ-IF-PT-(AL+CL)
PT: 357	659677.47	2734077.73	640.437	AWJ-IF-PT-(AL+CL)
PT: 358	659674.55	2734083.17	640.526	AWJ-IF-PT-(AL+CL)
PT: 359	659670.93	2734079.73	640.527	AWJ-IF-PT-(AL+CL)
PT: 360	659675.06	2734075.38	640.437	AWJ-IF-PT-(AL+CL)
PT: 361	659671.43	2734071.93	640.437	AWJ-IF-PT-(AL+CL)
PT: 362	659667.30	2734076.28	640.527	AWJ-IF-PT-(AL+CL)
PT: 363	659663.68	2734072.84	640.527	AWJ-IF-PT-(AL+CL)
PT: 364	659667.81	2734068.49	640.437	AWJ-IF-PT-(AL+CL)
PT: 365	659664.18	2734065.05	640.436	AWJ-IF-PT-(AL+CL)
PT: 366	659660.05	2734069.40	640.526	AWJ-IF-PT-(AL+CL)
PT: 367	659656.33	2734064.73	640.524	AWJ-IF-PT-(AL+CL)
PT: 368	659661.67	2734061.99	640.434	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 369	659660.76	2734058.47	640.431	AWJ-IF-PT-(AL+CL)
PT: 370	659654.77	2734058.66	640.521	AWJ-IF-PT-(AL+CL)
PT: 371	659655.93	2734052.51	640.518	AWJ-IF-PT-(AL+CL)
PT: 372	659661.43	2734054.89	640.428	AWJ-IF-PT-(AL+CL)
PT: 373	659659.37	2734047.58	640.514	AWJ-IF-PT-(AL+CL)
PT: 374	659663.71	2734051.73	640.424	AWJ-IF-PT-(AL+CL)
PT: 375	659666.04	2734051.88	640.396	AWJ-IF-PT-(AL+CL)
PT: 376	659668.47	2734049.32	640.393	AWJ-IF-PT-(AL+CL)
PT: 377	659662.81	2734043.96	640.510	AWJ-IF-PT-(AL+CL)
PT: 378	659666.25	2734040.33	640.506	AWJ-IF-PT-(AL+CL)
PT: 379	659671.91	2734045.69	640.389	AWJ-IF-PT-(AL+CL)
PT: 380	659669.69	2734036.70	640.502	AWJ-IF-PT-(AL+CL)
PT: 381	659675.35	2734042.06	640.385	AWJ-IF-PT-(AL+CL)
PT: 382	659678.42	2734038.82	640.382	AWJ-IF-PT-(AL+CL)
PT: 383	659678.33	2734038.00	640.391	AWJ-IF-PT-(AL+CL)
PT: 384	659678.15	2734036.49	640.407	AWJ-IF-PT-(AL+CL)
PT: 385	659673.13	2734033.07	640.498	AWJ-IF-PT-(AL+CL)
PT: 386	659676.57	2734029.44	640.494	AWJ-IF-PT-(AL+CL)
PT: 387	659680.92	2734033.57	640.404	AWJ-IF-PT-(AL+CL)
PT: 388	659680.01	2734025.81	640.490	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 389	659684.36	2734029.94	640.400	AWJ-IF-PT-(AL+CL)
PT: 390	659683.45	2734022.19	640.486	AWJ-IF-PT-(AL+CL)
PT: 391	659687.80	2734026.31	640.396	AWJ-IF-PT-(AL+CL)
PT: 392	659686.89	2734018.56	640.482	AWJ-IF-PT-(AL+CL)
PT: 393	659691.24	2734022.68	640.392	AWJ-IF-PT-(AL+CL)
PT: 394	659690.33	2734014.93	640.478	AWJ-IF-PT-(AL+CL)
PT: 395	659694.68	2734019.06	640.388	AWJ-IF-PT-(AL+CL)
PT: 396	659698.12	2734015.43	640.384	AWJ-IF-PT-(AL+CL)
PT: 397	659693.77	2734011.30	640.474	AWJ-IF-PT-(AL+CL)
PT: 398	659697.21	2734007.67	640.470	AWJ-IF-PT-(AL+CL)
PT: 399	659701.56	2734011.80	640.380	AWJ-IF-PT-(AL+CL)
PT: 400	659700.65	2734004.04	640.466	AWJ-IF-PT-(AL+CL)
PT: 401	659705.00	2734008.17	640.376	AWJ-IF-PT-(AL+CL)
PT: 402	659708.44	2734004.54	640.372	AWJ-IF-PT-(AL+CL)
PT: 403	659704.09	2734000.41	640.462	AWJ-IF-PT-(AL+CL)
PT: 404	659709.66	2734003.26	640.371	AWJ-IF-PT-(AL+CL)
PT: 405	659711.99	2734003.41	640.343	AWJ-IF-PT-(AL+CL)
PT: 406	659713.19	2734002.15	640.341	AWJ-IF-PT-(AL+CL)
PT: 407	659707.53	2733996.78	640.458	AWJ-IF-PT-(AL+CL)
PT: 408	659716.63	2733998.52	640.337	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 409	659720.07	2733994.89	640.333	AWJ-IF-PT-(AL+CL)
PT: 410	659723.51	2733991.26	640.330	AWJ-IF-PT-(AL+CL)
PT: 411	659724.10	2733988.00	640.354	AWJ-IF-PT-(AL+CL)
PT: 412	659725.63	2733986.39	640.353	AWJ-IF-PT-(AL+CL)
PT: 413	659729.07	2733982.76	640.349	AWJ-IF-PT-(AL+CL)
PT: 414	659732.51	2733979.13	640.345	AWJ-IF-PT-(AL+CL)
PT: 415	659737.57	2733973.80	640.339	AWJ-IF-PT-(AL+CL)
PT: 416	659739.39	2733971.87	640.337	AWJ-IF-PT-(AL+CL)
PT: 417	659742.83	2733968.25	640.333	AWJ-IF-PT-(AL+CL)
PT: 418	659738.49	2733964.13	640.423	AWJ-IF-PT-(AL+CL)
PT: 419	659735.05	2733967.76	640.427	AWJ-IF-PT-(AL+CL)
PT: 420	659731.61	2733971.39	640.431	AWJ-IF-PT-(AL+CL)
PT: 421	659728.17	2733975.01	640.433	AWJ-IF-PT-(AL+CL)
PT: 422	659727.71	2733975.50	640.433	AWJ-IF-PT-(AL+CL)
PT: 423	659723.45	2733977.91	640.404	AWJ-IF-PT-(AL+CL)
PT: 424	659721.84	2733978.11	640.388	AWJ-IF-PT-(AL+CL)
PT: 425	659717.43	2733977.00	640.346	AWJ-IF-PT-(AL+CL)
PT: 426	659715.84	2733975.81	640.344	AWJ-IF-PT-(AL+CL)
PT: 427	659738.60	2733937.65	640.131	AWJ-IF-PT-(AL+CL)
PT: 428	659737.01	2733937.92	640.098	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 429	659724.73	2733924.49	639.960	AWJ-IF-PT-(AL+CL)
PT: 430	659723.95	2733929.67	639.839	AWJ-IF-PT-(AL)
PT: 431	659720.51	2733933.30	639.907	AWJ-IF-PT-(AL)
PT: 432	659717.07	2733936.93	639.974	AWJ-IF-PT-(AL)
PT: 433	659713.63	2733940.56	640.042	AWJ-IF-PT-(AL)
PT: 434	659710.19	2733944.19	640.110	AWJ-IF-PT-(AL)
PT: 435	659706.75	2733947.82	640.172	AWJ-IF-PT-(AL)
PT: 436	659703.31	2733951.45	640.226	AWJ-IF-PT-(AL)
PT: 437	659700.53	2733955.56	640.272	AWJ-IF-PT-(AL)
PT: 438	659699.74	2733960.46	640.311	AWJ-IF-PT-(AL)
PT: 439	659701.11	2733965.22	640.342	AWJ-IF-PT-(AL)
PT: 440	659704.32	2733969.03	640.364	AWJ-IF-PT-(AL)
PT: 441	659705.60	2733970.25	640.370	AWJ-IF-PT-(AL)
PT: 442	659702.16	2733973.88	640.391	AWJ-IF-PT-(AL)
PT: 443	659698.72	2733977.51	640.411	AWJ-IF-PT-(AL)
PT: 444	659695.28	2733981.14	640.431	AWJ-IF-PT-(AL)
PT: 445	659691.84	2733984.76	640.451	AWJ-IF-PT-(AL)
PT: 446	659688.40	2733988.39	640.472	AWJ-IF-PT-(AL)
PT: 447	659684.96	2733992.02	640.492	AWJ-IF-PT-(AL)
PT: 448	659681.52	2733995.65	640.512	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 449	659678.08	2733999.28	640.532	AWJ-IF-PT-(AL)
PT: 450	659674.65	2734002.91	640.552	AWJ-IF-PT-(AL)
PT: 451	659671.21	2734006.54	640.573	AWJ-IF-PT-(AL)
PT: 452	659669.57	2734008.28	640.589	AWJ-IF-PT-(AL)
PT: 453	659694.29	2733986.55	640.405	AWJ-IF-PT-(AL)
PT: 454	659692.34	2733988.60	640.416	AWJ-IF-PT-(AL)
PT: 455	659669.87	2733992.84	640.692	AWJ-IF-PT-(AL)
PT: 456	659728.22	2733933.72	639.922	AWJ-IF-PT-(AL)
PT: 457	659731.85	2733937.16	639.993	AWJ-IF-PT-(AL)
PT: 458	659735.48	2733940.60	640.064	AWJ-IF-PT-(AL)
PT: 459	659739.10	2733944.04	640.134	AWJ-IF-PT-(AL)
PT: 460	659742.73	2733947.48	640.205	AWJ-IF-PT-(AL)
PT: 461	659746.36	2733950.92	640.276	AWJ-IF-PT-(AL)
PT: 462	659749.99	2733954.36	640.346	AWJ-IF-PT-(AL)
PT: 463	659750.98	2733955.30	640.366	AWJ-IF-PT-(AL)
PT: 464	659753.62	2733957.80	640.417	AWJ-IF-PT-(AL)
PT: 465	659757.25	2733961.24	640.488	AWJ-IF-PT-(AL)
PT: 466	659760.88	2733964.68	640.550	AWJ-IF-PT-(AL)
PT: 467	659764.50	2733968.12	640.592	AWJ-IF-PT-(AL)
PT: 468	659768.13	2733971.56	640.616	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 469	659763.27	2733977.78	640.500	AWJ-IF-PT-(AL)
PT: 470	659765.08	2733979.50	640.578	AWJ-IF-PT-(AL)
PT: 471	659771.76	2733975.00	640.621	AWJ-IF-PT-(AL)
PT: 472	659775.39	2733978.44	640.607	AWJ-IF-PT-(AL)
PT: 473	659779.02	2733981.88	640.573	AWJ-IF-PT-(AL)
PT: 474	659782.65	2733985.32	640.530	AWJ-IF-PT-(AL)
PT: 475	659786.28	2733988.76	640.487	AWJ-IF-PT-(AL)
PT: 476	659789.90	2733992.20	640.446	AWJ-IF-PT-(AL)
PT: 477	659793.53	2733995.64	640.412	AWJ-IF-PT-(AL)
PT: 478	659790.90	2733997.28	640.372	AWJ-IF-PT-(AL)
PT: 479	659792.63	2733999.09	640.354	AWJ-IF-PT-(AL)
PT: 480	659796.29	2733999.76	640.384	AWJ-IF-PT-(AL)
PT: 481	659797.04	2734004.67	640.362	AWJ-IF-PT-(AL)
PT: 482	659803.86	2734006.13	640.475	AWJ-IF-PT-(AL)
PT: 483	659802.07	2734008.02	640.449	AWJ-IF-PT-(AL)
PT: 484	659795.64	2734009.42	640.346	AWJ-IF-PT-(AL)
PT: 485	659792.44	2734013.24	640.336	AWJ-IF-PT-(AL)
PT: 486	659788.40	2734017.30	640.332	AWJ-IF-PT-(AL)
PT: 487	659785.38	2734020.33	640.334	AWJ-IF-PT-(AL)
PT: 488	659781.85	2734023.87	640.339	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 489	659778.32	2734027.41	640.344	AWJ-IF-PT-(AL)
PT: 490	659774.80	2734030.95	640.350	AWJ-IF-PT-(AL)
PT: 491	659771.27	2734034.49	640.355	AWJ-IF-PT-(AL)
PT: 492	659767.74	2734038.03	640.360	AWJ-IF-PT-(AL)
PT: 493	659764.21	2734041.57	640.365	AWJ-IF-PT-(AL)
PT: 494	659760.68	2734045.12	640.370	AWJ-IF-PT-(AL)
PT: 495	659757.15	2734048.66	640.376	AWJ-IF-PT-(AL)
PT: 496	659753.62	2734052.20	640.381	AWJ-IF-PT-(AL)
PT: 497	659750.12	2734055.78	640.386	AWJ-IF-PT-(AL)
PT: 498	659746.68	2734059.40	640.391	AWJ-IF-PT-(AL)
PT: 499	659743.24	2734063.03	640.396	AWJ-IF-PT-(AL)
PT: 500	659739.80	2734066.66	640.401	AWJ-IF-PT-(AL)
PT: 501	659736.36	2734070.29	640.407	AWJ-IF-PT-(AL)
PT: 502	659732.92	2734073.92	640.412	AWJ-IF-PT-(AL)
PT: 503	659729.48	2734077.55	640.417	AWJ-IF-PT-(AL)
PT: 504	659726.04	2734081.18	640.422	AWJ-IF-PT-(AL)
PT: 505	659722.60	2734084.80	640.427	AWJ-IF-PT-(AL)
PT: 506	659719.16	2734088.43	640.433	AWJ-IF-PT-(AL)
PT: 507	659715.72	2734092.06	640.438	AWJ-IF-PT-(AL)
PT: 508	659712.28	2734095.69	640.443	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 509	659708.66	2734099.12	640.448	AWJ-IF-PT-(AL)
PT: 510	659704.04	2734100.93	640.453	AWJ-IF-PT-(AL)
PT: 511	659699.09	2734100.60	640.458	AWJ-IF-PT-(AL)
PT: 512	659694.75	2734098.21	640.464	AWJ-IF-PT-(AL)
PT: 513	659691.12	2734094.77	640.469	AWJ-IF-PT-(AL)
PT: 514	659687.49	2734091.33	640.473	AWJ-IF-PT-(AL)
PT: 515	659683.87	2734087.88	640.476	AWJ-IF-PT-(AL)
PT: 516	659680.24	2734084.44	640.479	AWJ-IF-PT-(AL)
PT: 517	659676.62	2734081.00	640.481	AWJ-IF-PT-(AL)
PT: 518	659672.99	2734077.55	640.482	AWJ-IF-PT-(AL)
PT: 519	659669.37	2734074.11	640.482	AWJ-IF-PT-(AL)
PT: 520	659665.74	2734070.67	640.482	AWJ-IF-PT-(AL)
PT: 521	659662.12	2734067.22	640.481	AWJ-IF-PT-(AL)
PT: 522	659658.98	2734063.37	640.479	AWJ-IF-PT-(AL)
PT: 523	659657.74	2734058.57	640.476	AWJ-IF-PT-(AL)
PT: 524	659658.66	2734053.69	640.473	AWJ-IF-PT-(AL)
PT: 525	659661.55	2734049.65	640.469	AWJ-IF-PT-(AL)
PT: 526	659664.99	2734046.02	640.465	AWJ-IF-PT-(AL)
PT: 527	659668.43	2734042.39	640.461	AWJ-IF-PT-(AL)
PT: 528	659671.87	2734038.76	640.457	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 529	659675.31	2734035.13	640.453	AWJ-IF-PT-(AL)
PT: 530	659678.75	2734031.51	640.449	AWJ-IF-PT-(AL)
PT: 531	659682.19	2734027.88	640.445	AWJ-IF-PT-(AL)
PT: 532	659685.63	2734024.25	640.441	AWJ-IF-PT-(AL)
PT: 533	659689.06	2734020.62	640.437	AWJ-IF-PT-(AL)
PT: 534	659692.50	2734016.99	640.433	AWJ-IF-PT-(AL)
PT: 535	659695.94	2734013.36	640.429	AWJ-IF-PT-(AL)
PT: 536	659699.38	2734009.73	640.425	AWJ-IF-PT-(AL)
PT: 537	659702.82	2734006.11	640.421	AWJ-IF-PT-(AL)
PT: 538	659706.26	2734002.48	640.417	AWJ-IF-PT-(AL)
PT: 539	659709.70	2733998.85	640.413	AWJ-IF-PT-(AL)
PT: 540	659713.14	2733995.22	640.409	AWJ-IF-PT-(AL)
PT: 541	659716.58	2733991.59	640.405	AWJ-IF-PT-(AL)
PT: 542	659720.02	2733987.96	640.401	AWJ-IF-PT-(AL)
PT: 543	659722.04	2733985.83	640.399	AWJ-IF-PT-(AL)
PT: 544	659723.46	2733984.33	640.398	AWJ-IF-PT-(AL)
PT: 545	659726.90	2733980.71	640.394	AWJ-IF-PT-(AL)
PT: 546	659730.34	2733977.08	640.390	AWJ-IF-PT-(AL)
PT: 547	659733.78	2733973.45	640.386	AWJ-IF-PT-(AL)
PT: 548	659737.22	2733969.82	640.382	AWJ-IF-PT-(AL)

STP ROADS SETTING OUT TABLE

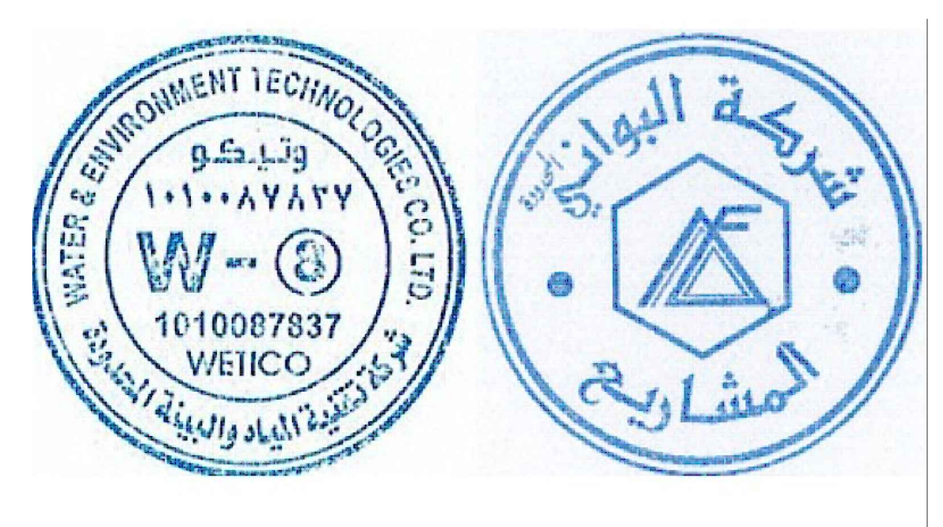
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PT: 549	659740.66	2733966.19	640.378	AWJ-IF-PT-(AL)
PT: 550	659744.10	2733962.56	640.374	AWJ-IF-PT-(AL)
PT: 551	659747.54	2733958.93	640.370	AWJ-IF-PT-(AL)
PT: 552	659707.95	2733972.47	640.379	AWJ-IF-PT-(AL)
PT: 553	659711.57	2733975.91	640.386	AWJ-IF-PT-(AL)
PT: 554	659715.20	2733979.35	640.391	AWJ-IF-PT-(AL)
PT: 555	659718.83	2733982.79	640.395	AWJ-IF-PT-(AL)
PT: 556	659712.55	2733972.70	640.340	AWJ-IF-PT-(AL)
PT: 557	659714.73	2733974.77	640.342	AWJ-IF-PT-(AL)
PT: 558	659731.18	2733930.60	639.892	AWJ-IF-PT-(AL)
PT: 559	659734.81	2733934.04	640.016	AWJ-IF-PT-(AL)
PT: 560	659727.55	2733927.16	639.914	AWJ-IF-PT-(AL)
PT: 561	659777.60	2734028.13	640.345	AWJ-IF-PT-(AL)
PT: 562	659677.41	2733999.99	640.536	AWJ-IF-PT-(AL)
PT: 600	659710.01	2733970.29	640.334	AWJ-IF-PT-(AL+CL)
PT: 601	659707.65	2733968.05	640.325	AWJ-IF-PT-(AL+CL)
PT: 602	659705.47	2733965.99	640.314	AWJ-IF-PT-(AL+CL)
PT: 614	659734.44	2733978.02	640.368	AWJ-IF-PT-(AL+CL)
PT: 615	659736.57	2733976.11	640.364	AWJ-IF-PT-(AL+CL)
PT: 616	659737.21	2733977.30	640.377	AWJ-IF-PT-(AL+CL)

STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 617	659735.98	2733978.60	640.304	AWJ-IF-PT-(AL+CL)
PT: 618	659736.98	2733979.56	640.289	AWJ-IF-PT-(AL+CL)
PT: 619	659738.22	2733978.26	640.390	AWJ-IF-PT-(AL+CL)
PT: 620	659737.55	2733978.96	640.404	AWJ-IF-PT-(AL+CL)
PT: 621	659736.55	2733978.01	640.383	AWJ-IF-PT-(AL+CL)
PT: 622	659735.63	2733977.13	640.364	AWJ-IF-PT-(AL+CL)
PT: 623	659732.82	2733974.47	640.387	AWJ-IF-PT-(AL+CL)
PT: 624	659683.76	2734030.55	640.401	AWJ-IF-PT-(AL+CL)
PT: 625	659682.64	2734031.74	640.402	AWJ-IF-PT-(AL+CL)
PT: 626	659684.73	2734033.71	640.359	AWJ-IF-PT-(AL+CL)
PT: 627	659685.82	2734032.56	640.358	AWJ-IF-PT-(AL+CL)
PT: 628	659804.88	2734019.21	640.598	AWJ-IF-PT-(AL+CL)
PT: 629	659802.75	2734017.22	640.559	AWJ-IF-PT-(AL+CL)
PT: 630	659803.73	2734009.62	640.483	AWJ-IF-PT-(AL+CL)
PT: 631	659805.55	2734007.70	640.510	AWJ-IF-PT-(AL+CL)
PT: 632	659790.89	2734000.79	640.390	AWJ-IF-PT-(AL+CL)
PT: 633	659789.16	2733999.14	640.409	AWJ-IF-PT-(AL+CL)
PT: 634	659764.47	2733980.15	640.517	AWJ-IF-PT-(AL+CL)
PT: 635	659762.66	2733978.43	640.514	AWJ-IF-PT-(AL+CL)
PT: 636	659716.38	2733973.02	640.378	AWJ-IF-PT-(AL+CL)

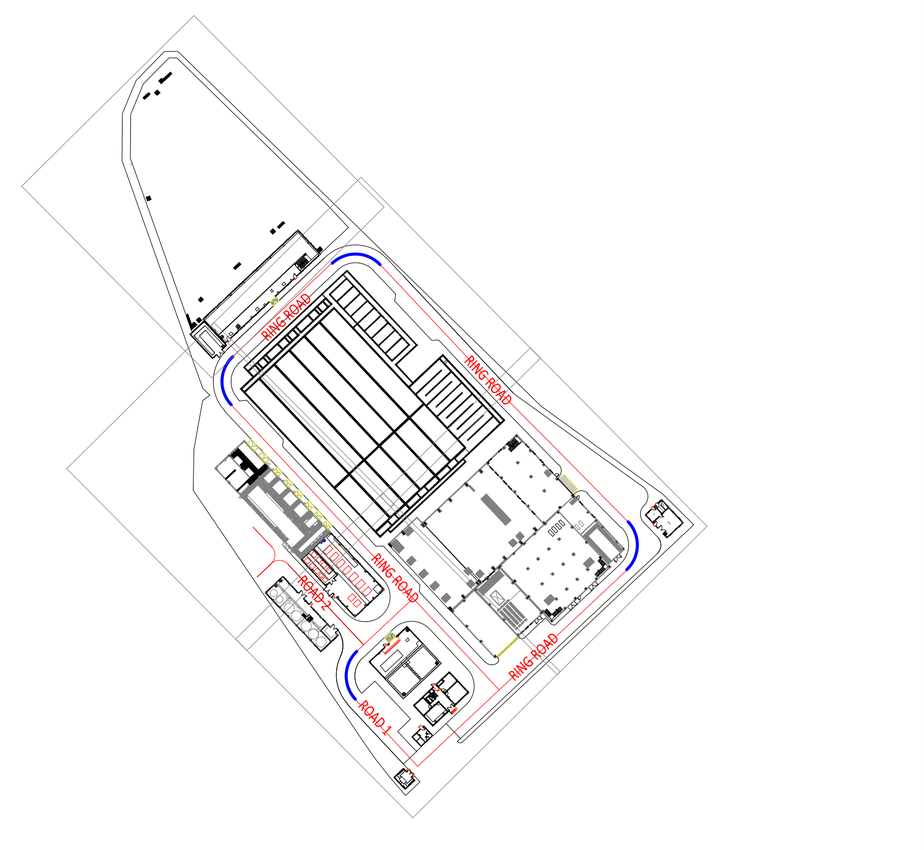
STP ROADS SETTING OUT TABLE

Point	Easting	Northing	Elevation	POINT CODE
PT: 637	659714.21	2733970.96	640.376	AWJ-IF-PT-(AL+CL)



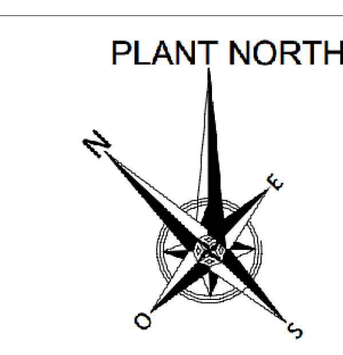
100 SETTING OUT TABLES
N.T.S

STP KEY PLAN



ORIENTATION

PLANT NORTH



DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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3. FINISHED DESIGN LEVELS IS THE FINISHED ASPHALT LEVEL ALONG THE ROAD CENTER LINE.
4. SHOP DRAWINGS REF.
   FOR ASPHALT DIM PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000003
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002
   FOR ROADS PROFILES
   DG-PIN-456-0000-AWJ-SDW-IF-100-2000002

ABBREVIATIONS

AL: ASPHALT LEVEL
CL: CURB STONE LEVEL
PT: POINT

LEGENDS

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	02/10/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
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AL SAFARAT - DIPLOMATIC QUARTER
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CONSTRUCTION SUPERVISION CONSULTANT :
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PHONE: +966 11 8020618
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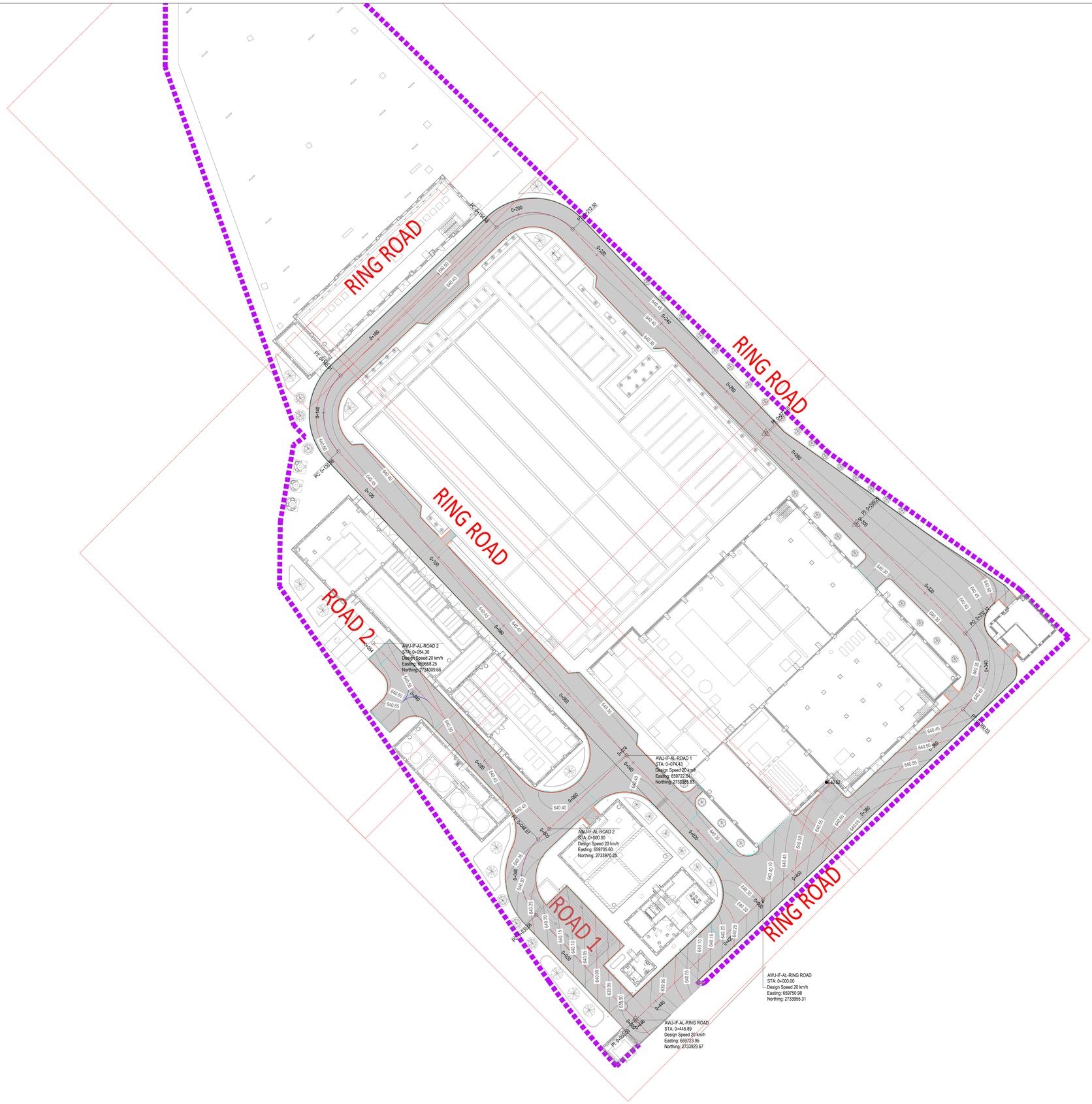
CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
SETTING OUT TABLES

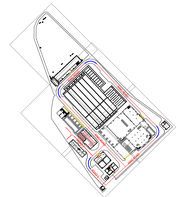
PURPOSE OF ISSUE :		SEAL DATE :	
ISSUED FOR APPROVAL		02-10-2026	
DESIGN : ASHRAF MOURES	DRAWN : AMIR MOURES	CHECKED : ASHRAF MOURES	APPROVED : ASHRAF MOURES
MODEL FILE REF : DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM		SCALE : N.T.S	REVISION NO. : 02

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-100-2000002



200 PLAN
1:300
0 3 6 9 12 15 m
SCALE 1:300 @ A0; 1:600 @ A1

STP KEY PLAN



ORIENTATION PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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GENERAL NOTES

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2. ALL LEVELS ARE IN METERS.
3. FINISHED DESIGN LEVELS IS THE FINISHED ASPHALT LEVEL ALONG THE ROAD CENTER LINE.
4. DESIGN SPEED 20 km/hr
5. SHOP DRAWINGS REF.
   FOR ROADS PROFILES
   DG-PIN-456-0000-AWJ-SDW-IF-100-2000001
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

0+000: STATION VALUE
ELEV.: ELEVATION
STA.: STATION
HZ.: HORIZONTAL
VL.: VERTICAL
PI: Tangent-Tangent Intersect
PC: Tangent-Curve Intersect
PT: Curve-Tangent Intersect

LEGENDS

- PROJECT BOUNDARY
- ASPHALT HATCH
- UPSTAND CURB HATCH
- MAJOR CONTOUR
- MINOR CONTOUR

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	02/10/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
RIYADH, KINGDOM OF SAUDI ARABIA
www.dgda.gov.sa

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CONSTRUCTION SUPERVISION CONSULTANT :
DORSCH HOLDING GmbH
RIYADH P.O. BOX 94506
PHONE: +966 11 8020618
FAX: +966 11 8020618

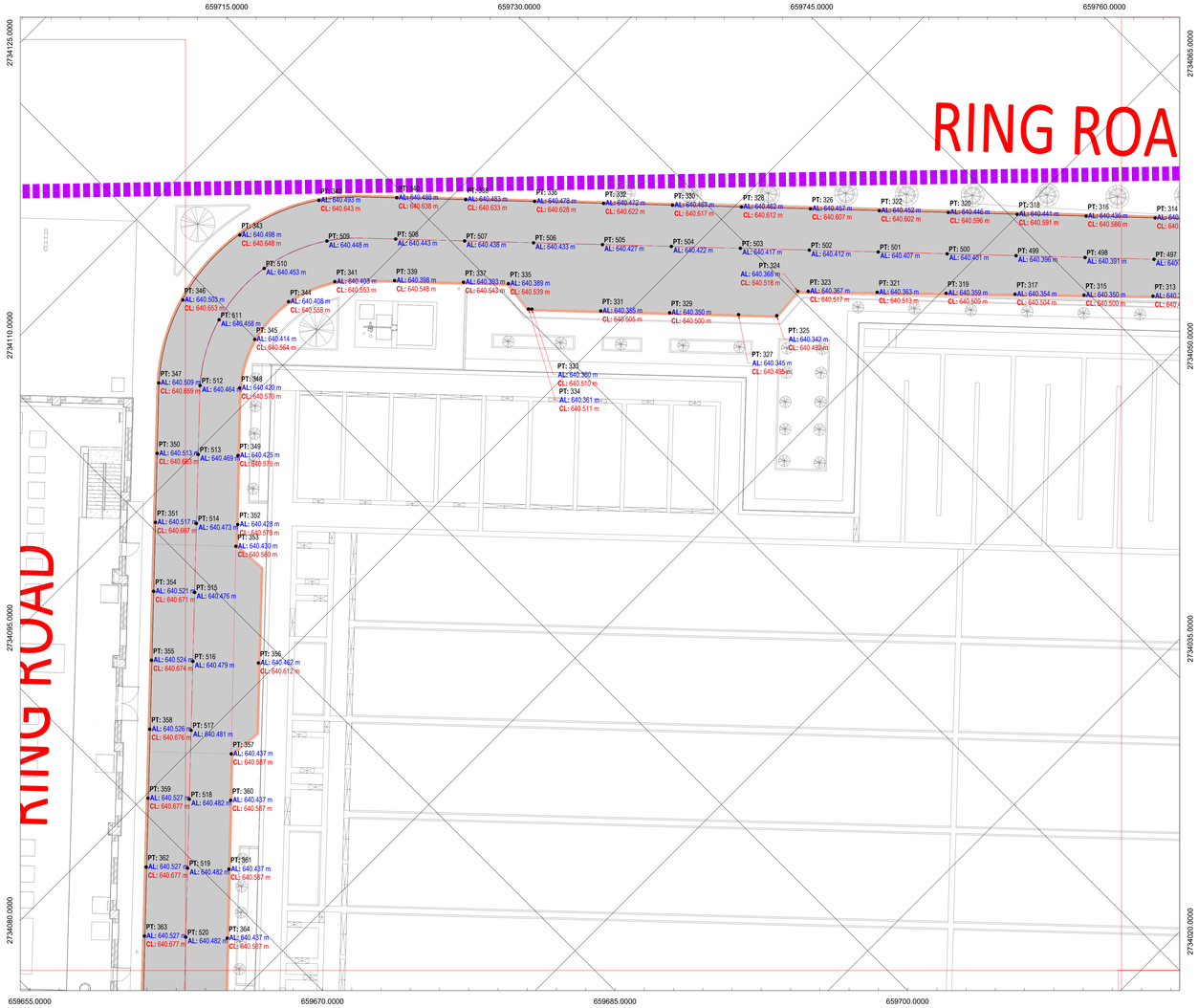
CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
SEWAGE TREATMENT PLANT MASTER PLAN
GRADING LAYOUT PLAN

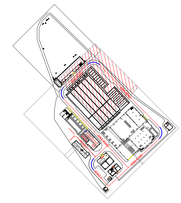
PURPOSE OF ISSUE :			SEAL DATE :
ISSUED FOR APPROVAL			02-10-2026
DESIGN :	**DRAWN :**	**CHECKED :**	**APPROVED :**
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES
MODEL FILE REF :		**SCALE :**	**REVISION NO. :**
DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM		1:300	02

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-200-2000003



200 SETTING OUT PLAN
1:150
SCALE 1:150 @ A0, 1:300 @ A1

STP KEY PLAN



ORIENTATION PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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4. DESIGN SPEED 20 km/hr

ABBREVIATIONS

0+000: STATION VALUE
ELEV: ELEVATION
STA: STATION
AL: ASPHALT LEVEL
CL: CURB STONE LEVEL
PT: POINT

LEGENDS

PROJECT BOUNDARY
ASPHALT HATCH
UPSTAND CURB HATCH
P: 511 AL: 640.458 m — ASPHALT LEVEL
P: 346 AL: 640.503 m CL: 640.653 m — ASPHALT AND CURB STONE LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	02/10/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
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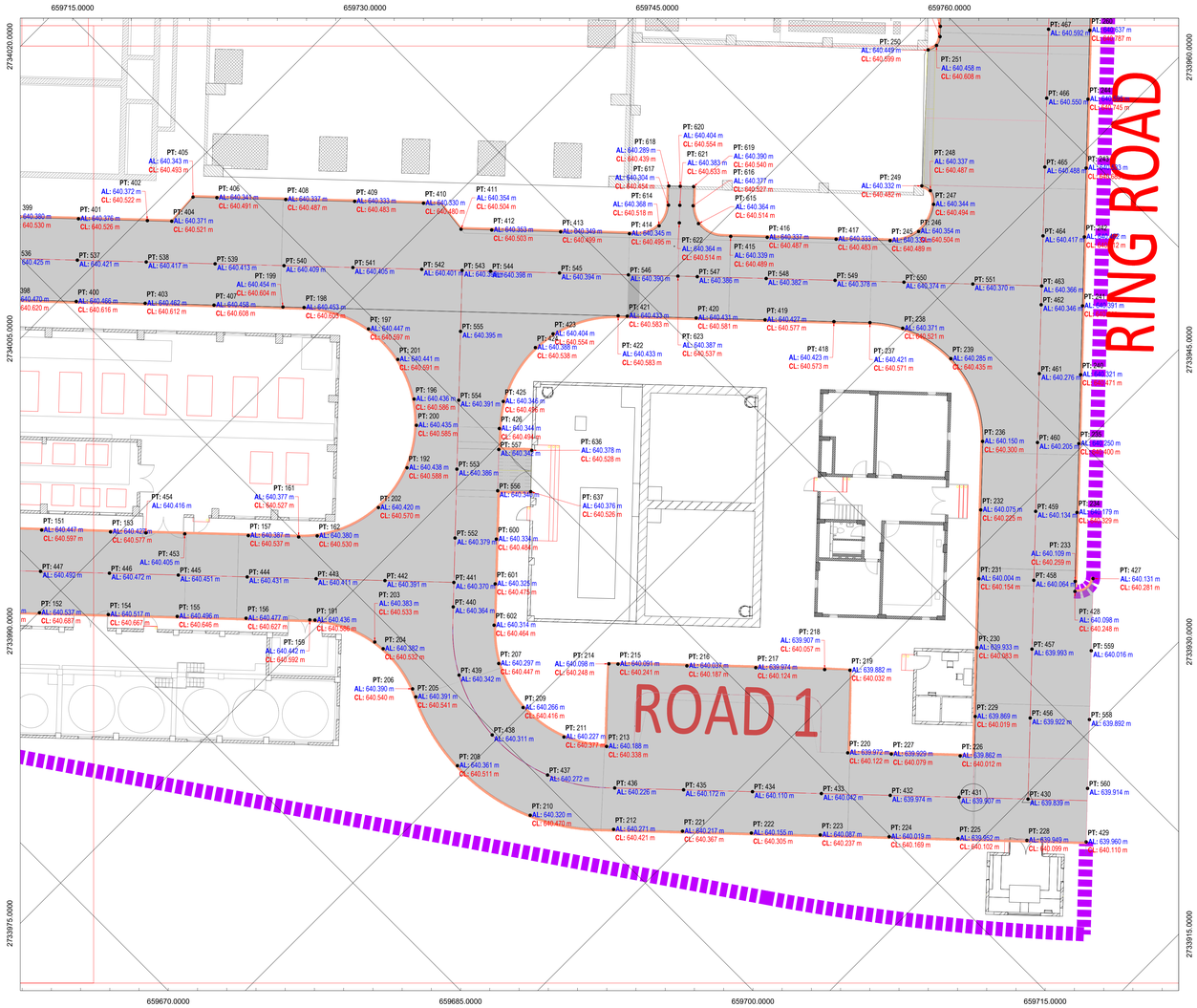
CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

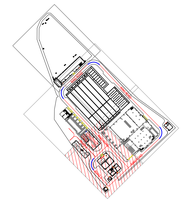
DRAWING TITLE :
ROADS
SEWAGE TREATMENT PLANT MASTER PLAN
SETTING OUT PLAN
PART 02 OF 04

PURPOSE OF ISSUE :			SEAL DATE :
ISSUED FOR APPROVAL			02-10-2026
DESIGN :	**DRAWN :**	**CHECKED :**	**APPROVED :**
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES
MODEL FILE REF :		**SCALE :**	**REVISION NO. :**
DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM		1:150	02

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-200-2000005



STP KEY PLAN



ORIENTATION

PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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4. DESIGN SPEED 20 km/hr
5. SHOP DRAWINGS REF.
   FOR ROADS PROFILES
   DG-PIN-456-0000-AWJ-SDW-IF-100-2000001
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

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ELEV.: ELEVATION
STA.: STATION
AL.: ASPHALT LEVEL
CL.: CURB STONE LEVEL
PT.: POINT

LEGENDS

- PROJECT BOUNDARY
- ASPHALT HATCH
- UPSTAND CURB HATCH
- P: 511 / AL: 640.458 m / P: 346 — ASPHALT LEVEL
- AL: 640.503 m / CL: 640.653 m — ASPHALT AND CURB STONE LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	19/09/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
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PHONE: 920033155
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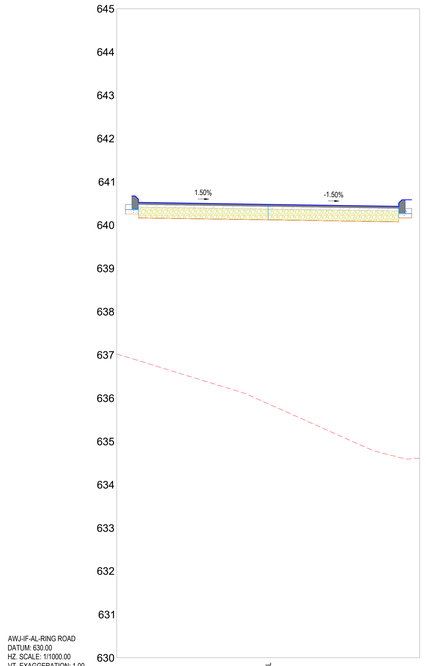
PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
SEWAGE TREATMENT PLANT MASTER PLAN
SETTING OUT PLAN
PART 04 OF 04

PURPOSE OF ISSUE :		SEAL DATE :
FOR APPROVAL		19-09-2026
DESIGN : ASHRAF MOURES	**DRAWN :** AMIR MOURES	**CHECKED :** ASHRAF MOURES / **APPROVED :** ASHRAF MOURES
MODEL FILE REF : DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM	**SCALE :** 1:150	**REVISION NO. :** 02

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-200-2000007

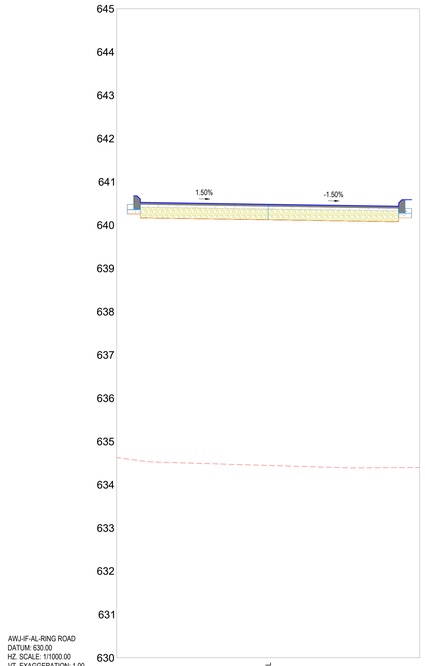
200 SETTING OUT PLAN
1:150 0 1.5 3 4.5 6 7.5 m
SCALE 1:150 @ AC 1:300 @ A1



AWJ-IF-AL-RING ROAD
DATUM: 630.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	638.91	638.87		635.97		634.63	634.60		
DESIGN LEVELS	640.674	640.624		640.479		640.434	640.383		
FORMATION LEVELS	640.254	640.194		640.119		640.074	640.034		
OFFSET FROM CL	-3.15	-3.00		0.00		3.02	3.32		

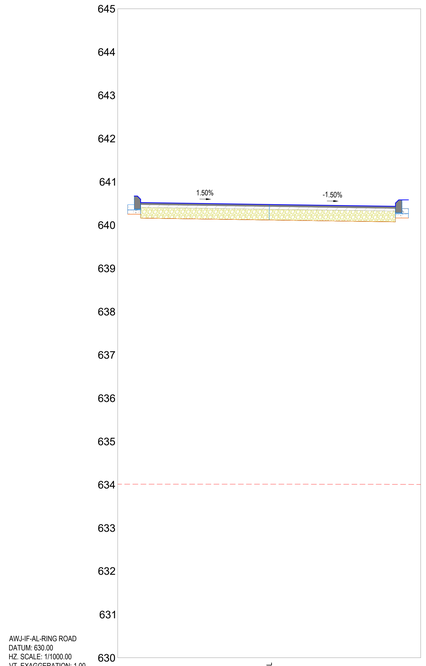
STA. 0+145.00



AWJ-IF-AL-RING ROAD
DATUM: 630.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	634.57	634.56		634.44		634.39	634.40		
DESIGN LEVELS	640.675	640.625		640.481		640.436	640.385		
FORMATION LEVELS	640.255	640.195		640.121		640.076	640.036		
OFFSET FROM CL	-3.11	-2.96		0.00		3.01	3.31		

STA. 0+150.00



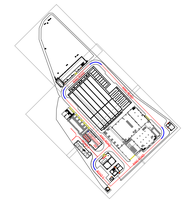
AWJ-IF-AL-RING ROAD
DATUM: 630.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	634.01	634.01		634.01		634.01	634.01		
DESIGN LEVELS	640.671	640.621		640.476		640.433	640.382		
FORMATION LEVELS	640.251	640.191		640.116		640.073	640.032		
OFFSET FROM CL	-3.12	-2.97		0.00		2.92	3.22		

STA. 0+180.00

400 SECTION
1:50
0 500 1000 1500 2000 2500 mm
SCALE 1:50 @ A2, 1:100 @ A1

STP KEY PLAN



ORIENTATION PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE IN METERS.
3. FINISHED DESIGN LEVELS IS THE FINISHED ASPHALT LEVEL ALONG THE ROAD CENTER LINE.
4. SHOP DRAWINGS REF.
   FOR ASPHALT DIM PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000003
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

A: GRADE CHANGE
K: RATE OF VERTICAL CURVATURE
LVC: LENGTH OF VERTICAL CURVE
BVCS:BEGINNING OF VERTICAL CURVE STATION
BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
EVCS: END OF VERTICAL CURVE STATION
EVCE: END OF VERTICAL CURVE ELEVATION
0.50%: LONGITUDINAL SLOPE
PVI: POINT OF VERTICAL INTERSECTION
0+000: STATION VALUE
ELEV: ELEVATION
STA: STATION
HZ: HORIZONTAL
VL: VERTICAL
LT: LENGTH OF TANGENT
R: RADIUS
G: GRADE
PT: POINT

LEGENDS

EXISTING GROUND LEVEL
FINISHED GROUND LEVEL
TOP FORMATION LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
RIYADH, KINGDOM OF SAUDI ARABIA
www.dgda.gov.sa

PROGRAMME MANAGEMENT CONSULTANT :
SAUDI ARABIAN PARSONS LIMITED
RIYADH P.O. BOX 11431
PHONE: +966 1 2884016
FAX: +966 1 2172134

CONSTRUCTION SUPERVISION CONSULTANT :
DORSCH HOLDING GmbH
RIYADH P.O. BOX 94506
PHONE: +966 11 8020618
FAX: +966 11 8020618

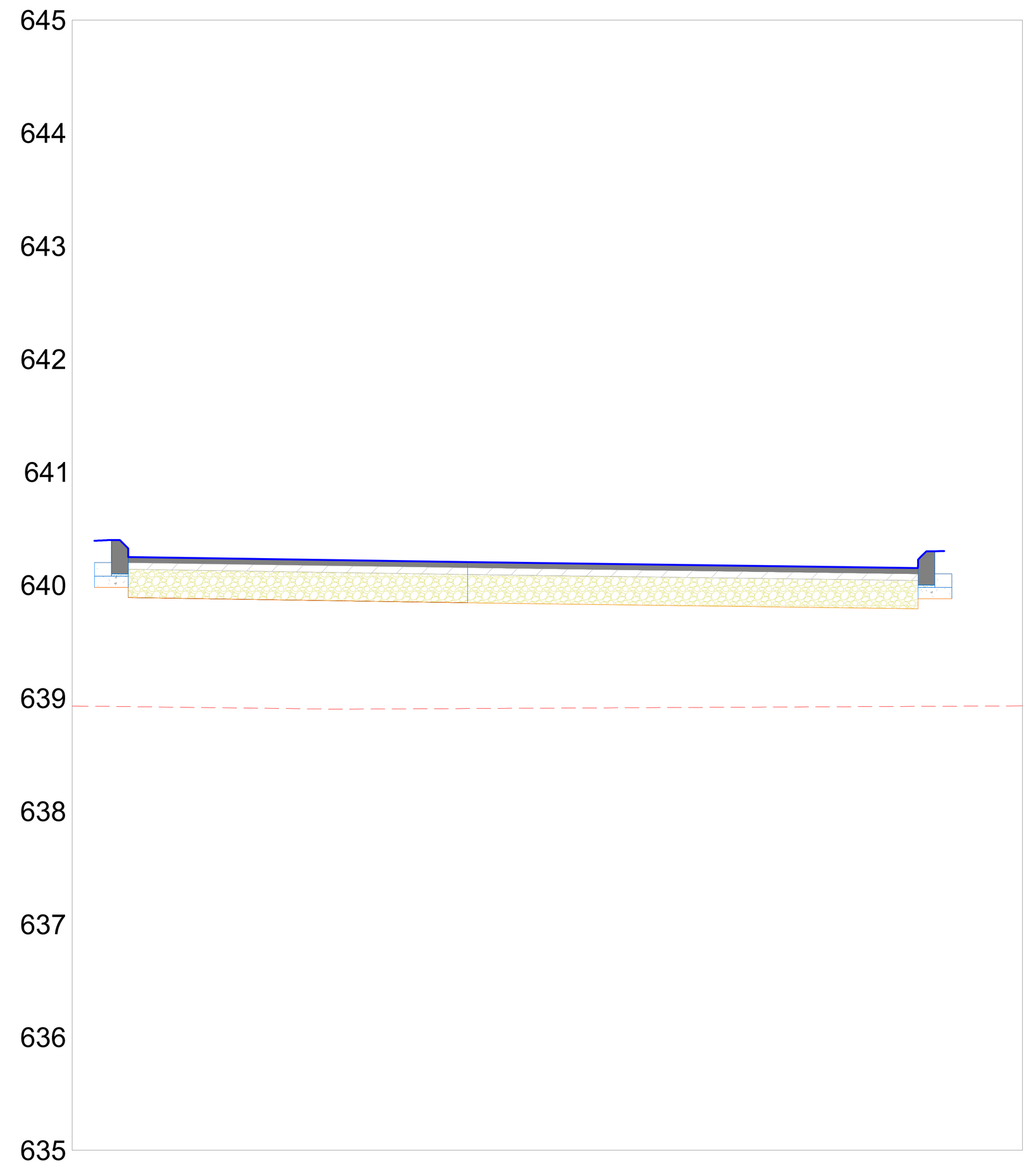
CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
ROADS SECTIONS
RING ROAD FROM ST. 0+145.00 TO ST. 0+175.00

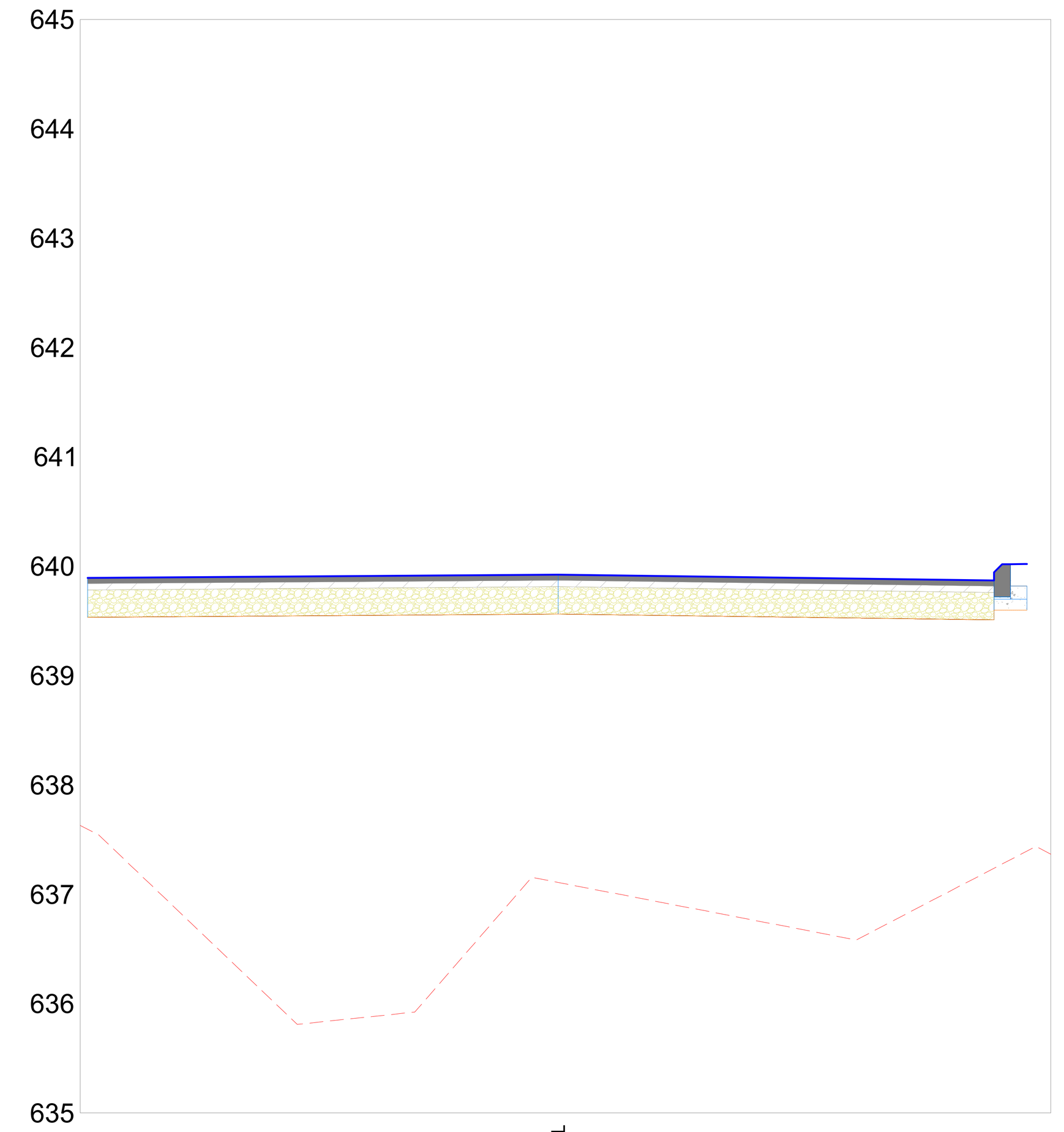
PURPOSE OF ISSUE :			SEAL DATE :
FOR APPROVAL			22-07-2026
DESIGN :	DRAWN :	CHECKED :	APPROVED :
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES
MODEL FILE REF :		SCALE :	REVISION NO. :
DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM		1:50	01

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-400-2000003



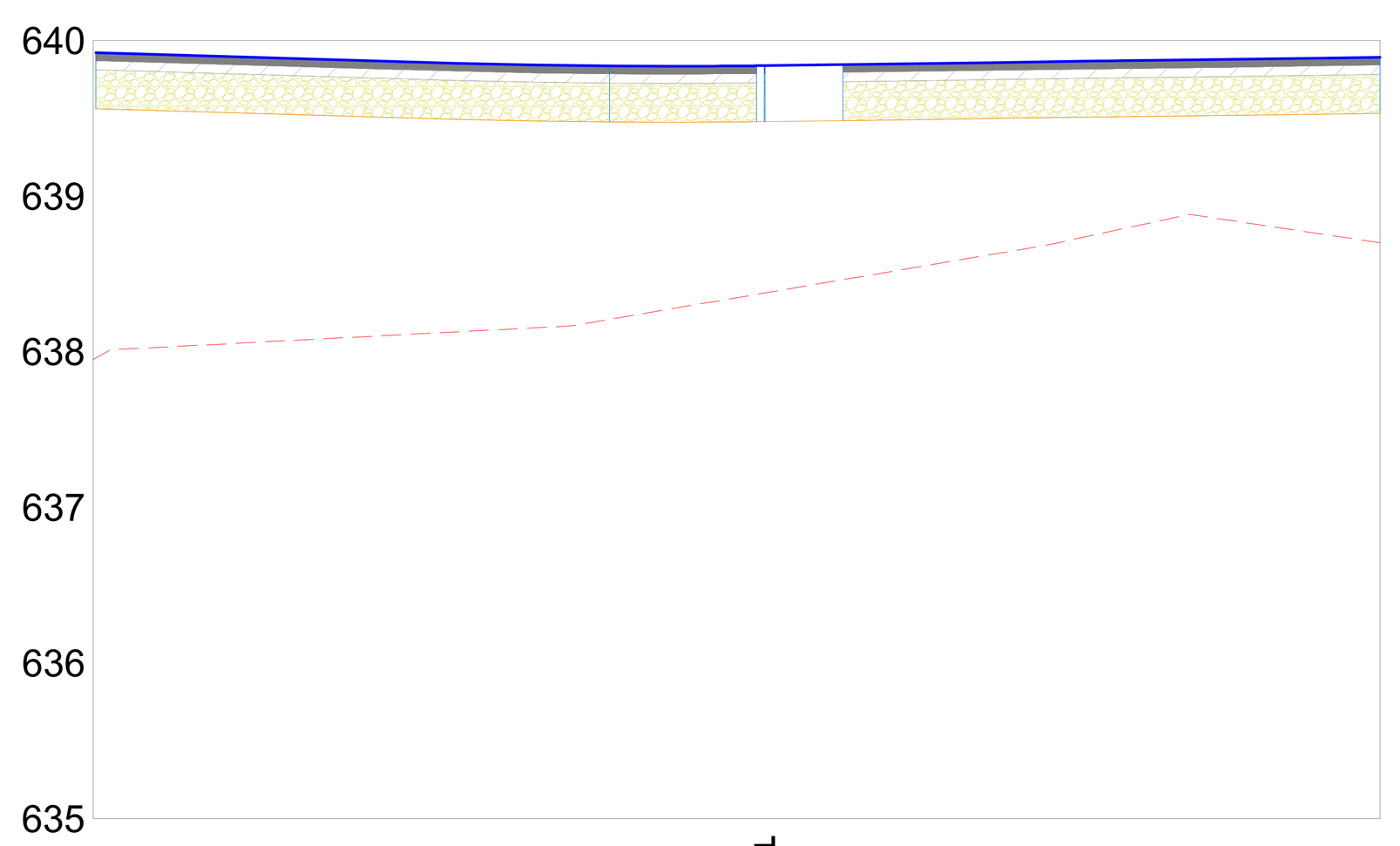
EXISTING GROUND	638.93	638.93	638.91	638.93	638.93
DESIGN LEVELS	640.393	640.250	640.205	640.151	640.302
FORMATION LEVELS	639.980	639.890	639.845	639.791	639.881
OFFSET FROM CL	-3.30	-3.00	0.00	3.99	4.22

STA. 0+420.00



EXISTING GROUND	637.59	637.11	637.24	637.39
DESIGN LEVELS	639.892	639.922	639.869	640.020
FORMATION LEVELS	639.532	639.562	639.509	639.599
OFFSET FROM CL	-4.30	0.00	3.99	4.29

STA. 0+440.00

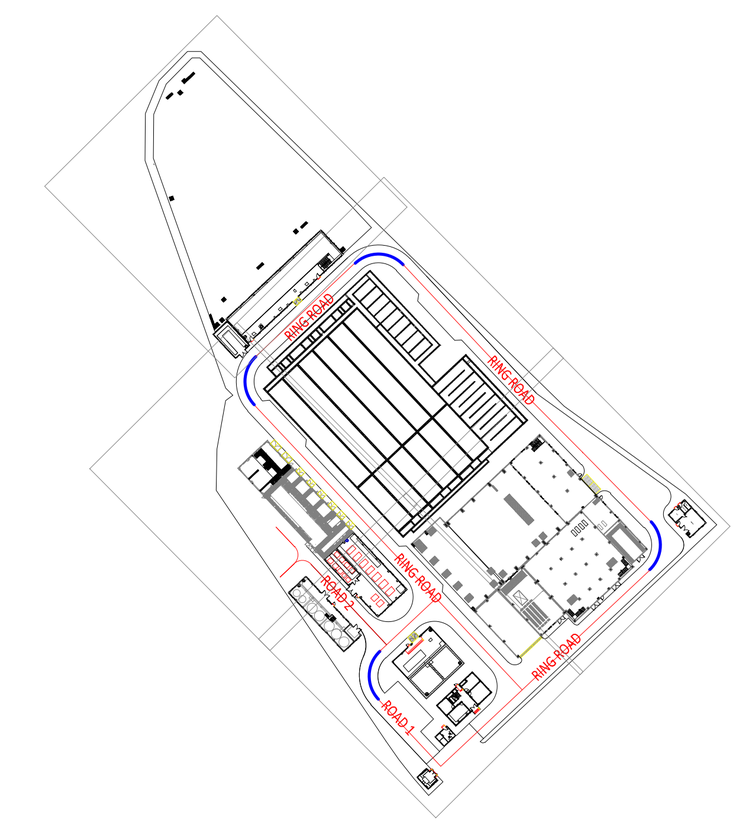


EXISTING GROUND	637.96	638.05	638.10	638.15	638.38	638.55	638.73	638.84	638.77
DESIGN LEVELS	639.921	639.898	639.869	639.843	639.839	639.853	639.866	639.880	639.886
FORMATION LEVELS	639.561	639.538	639.509	639.483	639.479	639.493	639.506	639.520	639.526
OFFSET FROM CL	-4.30	-3.50	-2.50	-1.50	0.00	1.00	2.00	3.00	3.50

STA. 0+445.89

400 **SECTION**
1:50
0 500 1000 1500 2000 2500 mm
SCALE 1:50 @ A0; 1:100 @ A1

STP KEY PLAN



ORIENTATION

PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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2. ALL LEVELS ARE IN METERS.
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4. SHOP DRAWINGS REF.
   FOR ASPHALT DIM PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000003
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

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BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
EVCS: END OF VERTICAL CURVE STATION
EVCE: END OF VERTICAL CURVE ELEVATION
0.50%: LONGITUDINAL SLOPE
PVI: POINT OF VERTICAL INTERSECTION
0+000: STATION VALUE
ELEV: ELEVATION
STA: STATION
HZ: HORIZONTAL
VL: VERTICAL
LT: LENGTH OF TANGENT
R: RADIUS
G: GRADE
PT: POINT

LEGENDS

EXISTING GROUND LEVEL
FINISHED GROUND LEVEL
TOP FORMATION LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	21/09/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
RIYADH, KINGDOM OF SAUDI ARABIA
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PROGRAMME MANAGEMENT CONSULTANT :
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FAX: +966 1 2172134

CONSTRUCTION SUPERVISION CONSULTANT :
DORSCH HOLDING GmbH
RIYADH P.O. BOX 94506
PHONE: +966 11 8020618
FAX: +966 11 8020618

CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

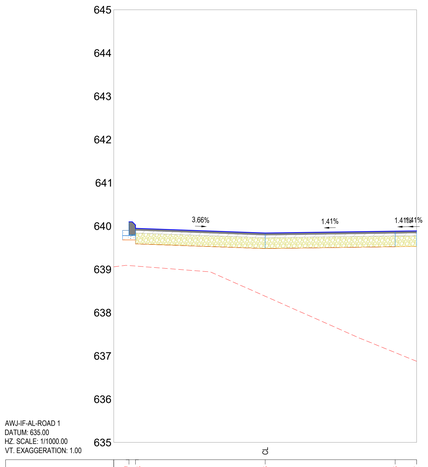
DRAWING TITLE :
ROADS
ROADS SECTIONS
RING ROAD FROM ST. 0+400.00 TO ST. 0+445.89

PURPOSE OF ISSUE :	SEAL DATE :
FOR APPROVAL	21-09-2026

DESIGN :	DRAWN :	CHECKED :	APPROVED :
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES

MODEL FILE REF :	SCALE :	REVISION NO. :
DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM	1:50	02

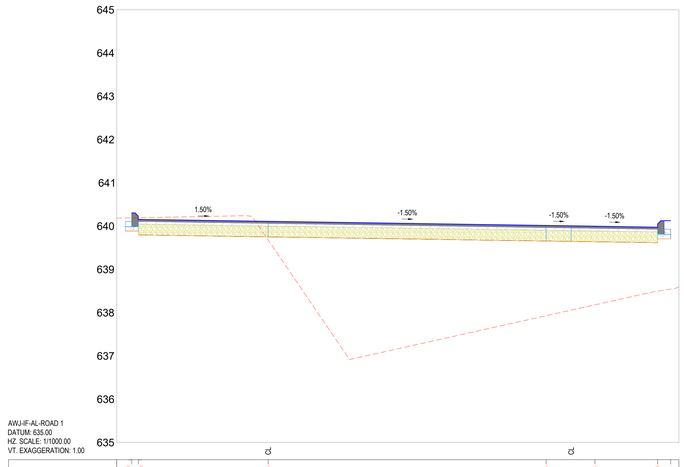
DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-400-2000007



AWJ-IF-AL-ROAD 1
DATUM: 635.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	639.09	639.28	638.38	637.08	637.87	638.87
DESIGN LEVELS	640.099	639.949	639.839	639.881	639.888	
FORMATION LEVELS	639.879	639.669	639.479	639.421	639.328	
OFFSET FROM CL	-3.15	-3.00	0.00	3.00	3.50	

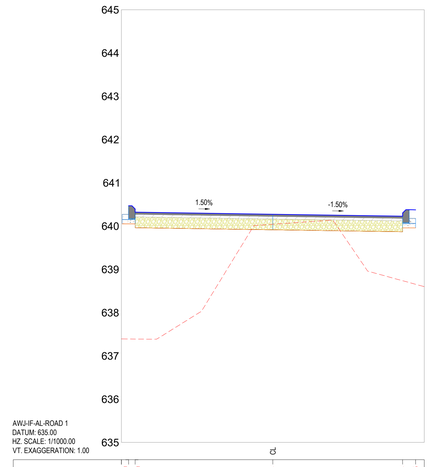
STA. 0+000.00



AWJ-IF-AL-ROAD 1
DATUM: 635.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	640.19	640.19	639.68	637.93	638.18	638.50	638.54
DESIGN LEVELS	640.305	640.195	640.110	640.013	639.996	639.974	640.125
FORMATION LEVELS	639.885	639.795	639.750	639.653	639.838	639.614	639.704
OFFSET FROM CL	-3.15	-3.00	0.00	6.42	7.50	9.00	9.30

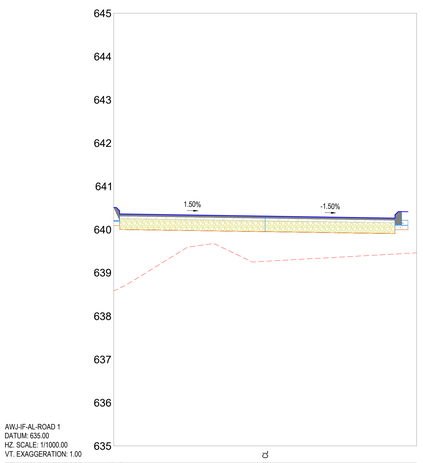
STA. 0+020.00



AWJ-IF-AL-ROAD 1
DATUM: 635.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	637.29	637.29	640.04	638.74	638.65
DESIGN LEVELS	640.470	640.320	640.272	640.227	640.375
FORMATION LEVELS	640.020	639.960	639.912	639.887	639.957
OFFSET FROM CL	-3.28	-3.18	0.00	3.00	3.30

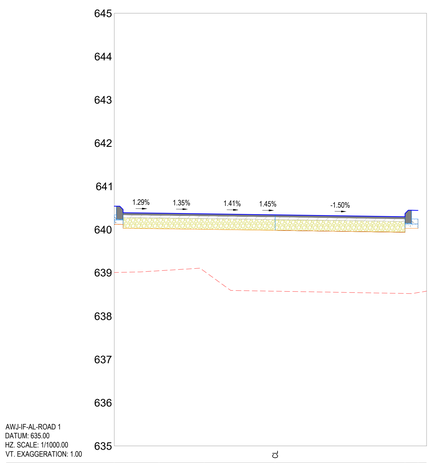
STA. 0+035.00



AWJ-IF-AL-ROAD 1
DATUM: 635.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	638.58	638.65	639.27	638.43	638.45	
DESIGN LEVELS	640.511	640.361	640.311	640.266	640.413	
FORMATION LEVELS	640.091	640.001	639.951	639.906	639.956	
OFFSET FROM CL	-3.50	-3.38	0.00	3.00	3.30	

STA. 0+040.00



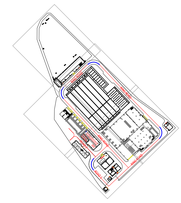
AWJ-IF-AL-ROAD 1
DATUM: 635.00
HZ. SCALE: 1/1000.00
VT. EXAGGERATION: 1.00

EXISTING GROUND	639.01	639.05	639.04	638.58	638.32	638.34
DESIGN LEVELS	640.540	640.379	640.305	640.342	640.297	640.443
FORMATION LEVELS	640.120	640.079	640.005	639.982	639.937	640.027
OFFSET FROM CL	-3.72	-2.68	-1.64	0.00	3.00	3.30

STA. 0+045.00

400 SECTION
1:50
0 500 1000 1500 2000 2500 mm
SCALE 1:50 @ A0 1:100 @ A1

STP KEY PLAN



ORIENTATION PLANT NORTH

DATUM

GEODETIC DATUM: WGS-84
PROJECT SYSTEM: UTM
ZONE: 38N

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4. SHOP DRAWINGS REF.
   FOR ASPHALT DIM PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000003
   FOR SETTING OUT PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000004 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000007
   FOR SIGNS AND MARKING PLANS
   DG-PIN-456-0000-AWJ-SDW-IF-200-2000008 TO DG-PIN-456-0000-AWJ-SDW-IF-200-2000011
   FOR TYPICAL SECTIONS AND DETAILS
   DG-PIN-456-0000-AWJ-SDW-IF-600-2000001 TO DG-PIN-456-0000-AWJ-SDW-IF-600-2000002

ABBREVIATIONS

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BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
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EVCE: END OF VERTICAL CURVE ELEVATION
0.50%: LONGITUDINAL SLOPE
PVI: POINT OF VERTICAL INTERSECTION
0+000: STATION VALUE
ELEV: ELEVATION
STA: STATION
HZ: HORIZONTAL
VL: VERTICAL
LT: LENGTH OF TANGENT
R: RADIUS
G: GRADE
PT: POINT

LEGENDS

EXISTING GROUND LEVEL
FINISHED GROUND LEVEL
TOP FORMATION LEVEL

REV	DESCRIPTION	CHECKED	APPROVED	DATE
02	ISSUED FOR APPROVAL	A.M	A.M	19/09/2026
01	ISSUED FOR APPROVAL	A.M	A.M	22-07-2026
00	ISSUED FOR APPROVAL	A.M	A.M	23-01-2026

DRAWING REVISIONS

SR NO.	DESCRIPTION	DRAWING NO.	Rev.
01	IFC MODEL	DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001	A
02	ROADS PLAN	DG-PIN-456-0000-AWJ-DWG-CE-200-0000001	B
03	ROADS TYPICAL CROSS SECTIONS	DG-PIN-456-0000-AWJ-DWG-CE-400-0000001	B
04	ROADS MARKINGS AND SIGNS DETAILS	DG-PIN-456-0000-AWJ-DWG-CE-600-0000001	B

DRAWING REFERENCES

CLIENT :
DIRIYAH COMPANY
7747 AMR ADAMRI STREET,
OUD DUNES COMPLEX, UNIT NO. 2
AL SAFARAT - DIPLOMATIC QUARTER
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CONSTRUCTION SUPERVISION CONSULTANT :
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FAX: +966 11 8020618

CONTRACTOR :
ABCC-WETICO JV
RIYADH P.O. BOX
PHONE: 920033155
FAX: +966
11-293-1193

PROJECT TITLE :
DESIGN, BUILD, OPERATION AND MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)

DRAWING TITLE :
ROADS
ROADS SECTIONS
ROAD 1 FROM ST. 0+000.00 TO ST. 0+045.00

PURPOSE OF ISSUE :		SEAL DATE :
FOR APPROVAL		19-09-2026

DESIGN :	DRAWN :	CHECKED :	APPROVED :
ASHRAF MOURES	AMIR MOURES	ASHRAF MOURES	ASHRAF MOURES

MODEL FILE REF :	SCALE :	REVISION NO. :
DG-PIN-456-0000-AWJ-DDE-IF-A00-0000001-00_3DM	1:50	02

DRAWING NUMBER :
DG-PIN-456-0000-AWJ-SDW-CE-400-2000008