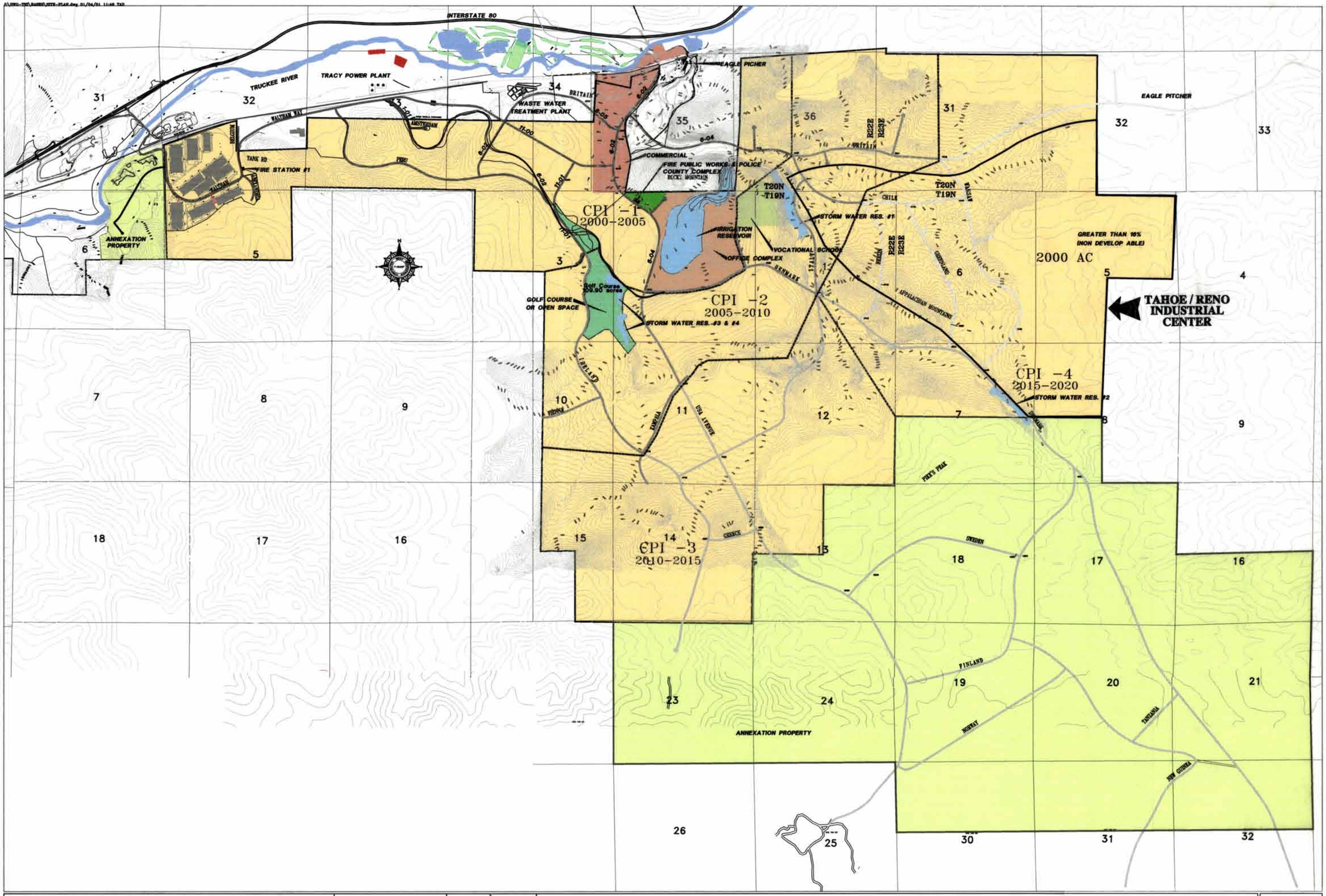

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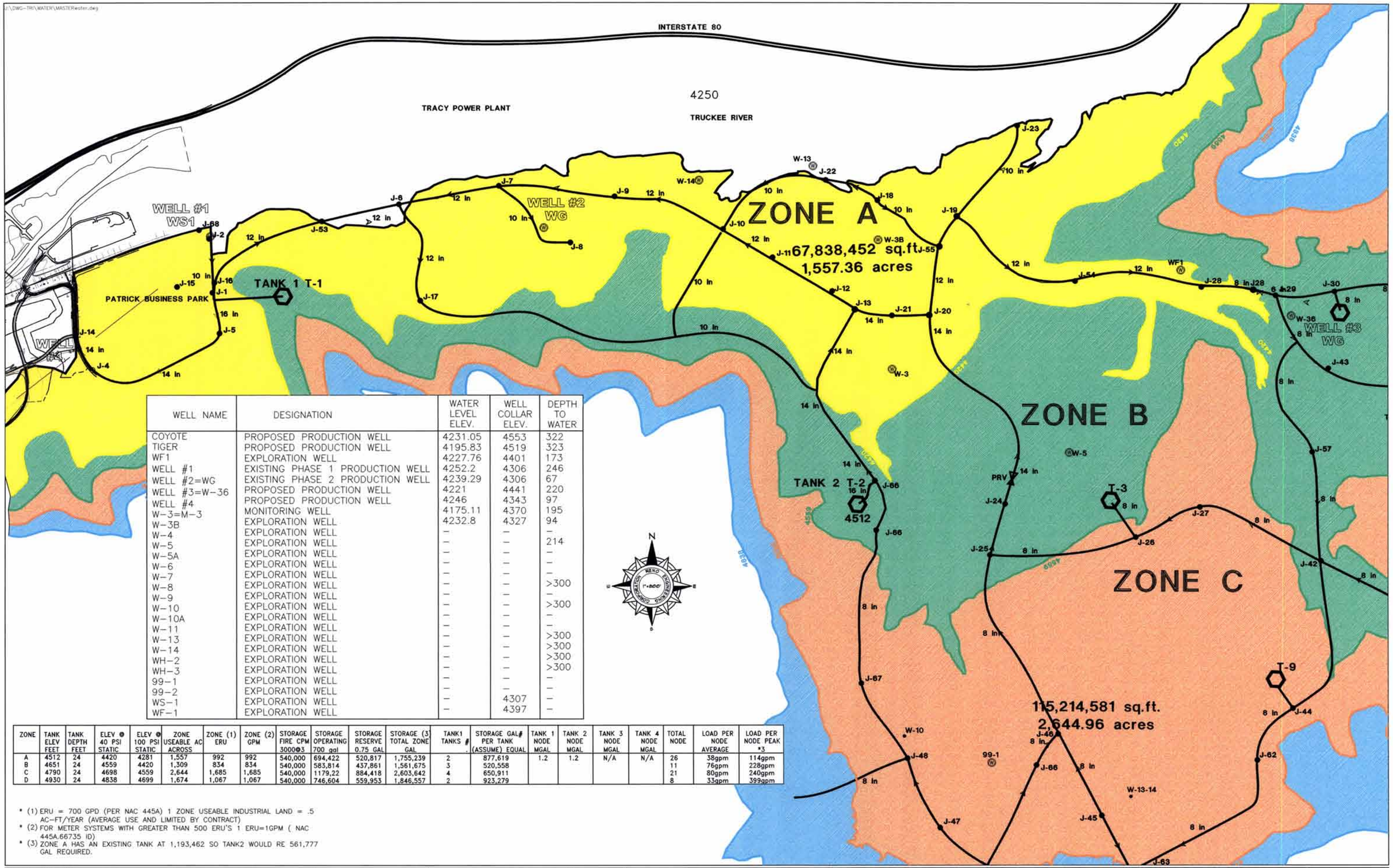
PHONE: (702) 852-5700 FAX: (702) 852-2104

TAHOE RENO INDUSTRIAL CENTER

LAND USAGE MAP

MP



WELL NAME	DESIGNATION	WATER LEVEL ELEV.	WELL COLLAR ELEV.	DEPTH TO WATER
COYOTE	PROPOSED PRODUCTION WELL	4231.05	4553	322
TIGER	PROPOSED PRODUCTION WELL	4195.83	4519	323
WF1	EXPLORATION WELL	4227.76	4401	173
WELL #1	EXISTING PHASE 1 PRODUCTION WELL	4252.2	4306	246
WELL #2=WG	EXISTING PHASE 2 PRODUCTION WELL	4239.29	4306	67
WELL #3=W-36	PROPOSED PRODUCTION WELL	4221	4441	220
WELL #4	PROPOSED PRODUCTION WELL	4246	4343	97
W-3=M-3	MONITORING WELL	4175.11	4370	195
W-3B	EXPLORATION WELL	4232.8	4327	94
W-4	EXPLORATION WELL	–	–	–
W-5	EXPLORATION WELL	–	–	214
W-5A	EXPLORATION WELL	–	–	–
W-6	EXPLORATION WELL	–	–	–
W-7	EXPLORATION WELL	–	–	–
W-8	EXPLORATION WELL	–	–	>300
W-9	EXPLORATION WELL	–	–	–
W-10	EXPLORATION WELL	–	–	>300
W-10A	EXPLORATION WELL	–	–	–
W-11	EXPLORATION WELL	–	–	–
W-13	EXPLORATION WELL	–	–	>300
W-14	EXPLORATION WELL	–	–	>300
WH-2	EXPLORATION WELL	–	–	>300
WH-3	EXPLORATION WELL	–	–	>300
99-1	EXPLORATION WELL	–	–	–
99-2	EXPLORATION WELL	–	–	–
WS-1	EXPLORATION WELL	–	4307	–
WF-1	EXPLORATION WELL	–	4397	–

ZONE	TANK ELEV FEET	TANK DEPTH FEET	ELEV @ 40 PSI STATIC	ELEV @ 100 PSI STATIC	ZONE USEABLE AC ACROSS	ZONE (1) ERU	ZONE (2) GPM	STORAGE FIRE CPM 3000@3	STORAGE OPERATING 700 gal	STORAGE RESERVE 0.75 GAL	STORAGE (3 TOTAL ZONE GAL	TANK1 TANKS #	STORAGE GAL# PER TANK (ASSUME) EQUAL	TANK 1 NODE MGAL	TANK 2 NODE MGAL	TANK 3 NODE MGAL	TANK 4 NODE MGAL	TOTAL NODE	LOAD PER NODE AVERAGE	LOAD PER NODE PEAK *3
A	4512	24	4420	4281	1,557	992	992	540,000	694,422	520,817	1,755,239	2	877,619	1.2	1.2	N/A	N/A	26	38gpm	114gpm
B	4651	24	4559	4420	1,309	834	834	540,000	583,814	437,861	1,561,675	3	520,558					11	76gpm	228gpm
C	4790	24	4698	4559	2,644	1,685	1,685	540,000	1179,22	884,418	2,603,642	4	650,911					21	80gpm	240gpm
D	4930	24	4838	4699	1,674	1,067	1,067	540,000	746,604	559,953	1,846,557	2	923,279					8	33gpm	399gpm

* (1) ERU = 700 GPD (PER NAC 445A) 1 ZONE USEABLE INDUSTRIAL LAND = .5 AC-FT/YEAR (AVERAGE USE AND LIMITED BY CONTRACT)
* (2) FOR METER SYSTEMS WITH GREATER THAN 500 ERU'S 1 ERU=1GPM (NAC 445A.66735 ID)
* (3) ZONE A HAS AN EXISTING TANK AT 1,193,462 SO TANK2 WOULD RE 561,777 GAL REQUIRED.

REC

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PHONE: (702) 852-5700 FAX: (702) 852-2104

TAHOE RENO INDUSTRIAL CENTER

MASTER WATER MAP

MP

INTERSTATE 80

TRUCKEE RIVER

TRACY POWER PLANT

LIFT STATION #1

WASTE WATER TREATMENT PLANT

8" FM

LIFT STATION #2

TAHOE / RENO INDUSTRIAL CENTER

PIPE SECTION	FROM MODE	TO MODE	Q (V/F FULL)	PIPE SIZE	LENGTH (FT)	SLOPE
W-1	1010	1000	0.53 CFS	10" SS	1845	.0607
W-2	1000	WWTP	5.65 CFS	21" SS	1220	.0005
W-3	1020	WWTP	47.82 CFS	48" SS	1225	.0005
W-4	1040	1020	46.95 CFS	48" SS	1580	.0189
W-5	1030	1040	29.68 CFS	39" SS	710	.0281
W-6	1035	1030	27.90 CFS	39" SS	4245	.0141
W-7	1090	1035	26.65 CFS	39" SS	2535	.0272
W-8	1120	1090	3.82 CFS	18" SS	3790	.0296
W-9	1140	1120	3.21 CFS	18" SS	1835	.0317
W-10	1145	1140	3.07 CFS	18" SS	6300	.0320
W-11	1025	1030	1.29 CFS	12" SS		
W-12	1065	1040	16.89 CFS	33" SS	1410	.0213
W-13	1170	1060	7.76 CFS	24" SS	2000	.0790
W-14	1270	1170	7.29 CFS	24" SS	3350	.0030
W-15	1280	1270	5.47 CFS	21" SS	3910	.0315
W-16	1300	1280	3.98 CFS	18" SS	3060	.0219
W-17	1340	1300	2.61 CFS	18" SS	3150	.0610
W-18	1350	1340	2.32 CFS	15" SS	4425	.0425
W-19	1360	1350	0.36 CFS	6" SS		
U-1	1010	1050	0.35 CFS	6" SS	1165	.0258
U-2	1050	1060	9.22 CFS	27" SS	1700	.0165
U-3	1160	1050	8.43 CFS	24" SS	2070	.0290
U-4	1295	1160	7.57 CFS	24" SS	8000	.0250
U-5	1290	1295	5.31 CFS	24" SS	2700	.0410
U-6	1310	1290	3.02 CFS	18" SS	1825	.0437
U-7	1320	1310	2.22 CFS	15" SS	2810	.0384
U-8	1180	1270	1.48 CFS	15" SS	4880	.0235
U-9	1200	1180	1.03 CFS	12" SS	2275	.0536
U-10	1220	1200	9.49 CFS	27" SS	1880	.0226
U-11	1250	1220	8.99 CFS	27" SS	3940	.0236
U-12	1260	1250	6.81 CFS	24" SS	1490	.0228
U-13	1370	1260	5.06 CFS	21" SS	5400	.0413
U-14	1380	1370	4.32 CFS	21" SS	3785	.0000
U-15	1390	1380	1.44 CFS	15" SS		
U-16	1100	1090	22.09 CFS	36" SS	1025	.0048
U-17	1110	1100	6.87 CFS	24" SS	2375	.0244
U-18	1130	1110	5.82 CFS	21" SS	1740	.0218
U-19	1150	1130	4.61 CFS	21" SS	2210	.0317
U-20	1140	1150	0.25 CFS	8" SS	1810	.0042
U-21	1240	1150	1.55 CFS	18" SS	5035	.0268
U-22	1240	1260	1.32 CFS	12" SS	2960	.0284
U-23	1230	1130	1.07 CFS	12" SS	1810	.0042
U-24	1330	1250	0.25 CFS	8" SS	945	.0529
U-25	1210	1110	0.44 CFS	8" SS	3340	.0569
U-26	1210	1220	0.25 CFS	8" SS	1565	.0097
U-27	1200	1100	15.29 CFS	30" SS	2810	.0384
U-28	1300	1200	3.71 CFS	18" SS	3060	.0219
U-29	1330	1340	0.16 CFS	8" SS	1200	.0467
U-30	1330	1320	0.16 CFS	8" SS	675	.0415
U-31	1310	1300	0.26 CFS	8" SS	1670	.0293
U-32	1290	1280	0.36 CFS	8" SS	3000	.0150
U-33	1360	1380	2.28 CFS	15" SS	3060	.0654
U-34	1360	1350	0.76 CFS	10" SS	1345	.074

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TAHOE RENO INDUSTRIAL CENTER

MASTER SEWER PLAN

MP

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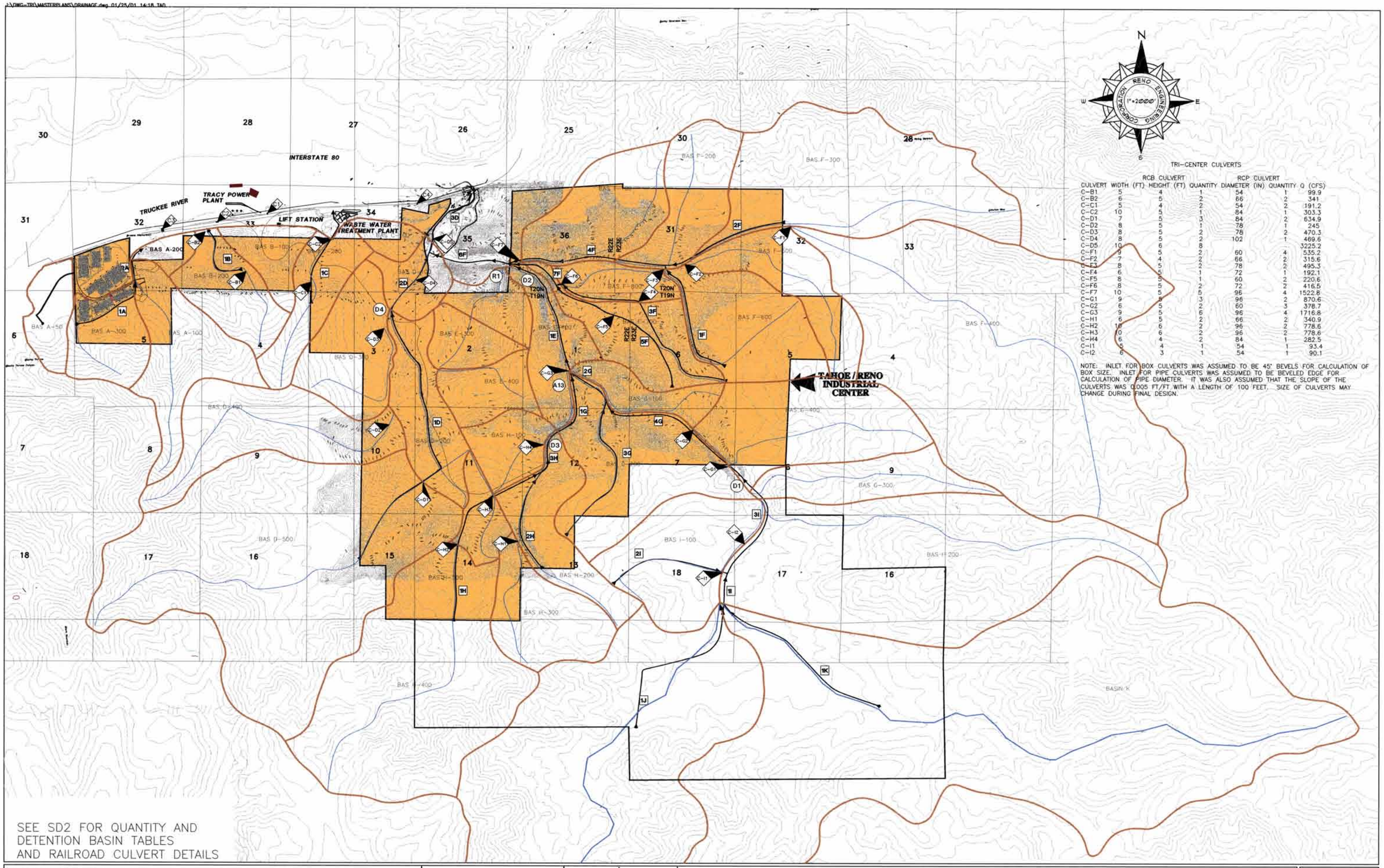

TRI-CENTER CULVERTS

CULVERT	RCB CULVERT WIDTH (FT)	HEIGHT (FT)	QUANTITY	RCP CULVERT DIAMETER (IN)	QUANTITY	Q (CFS)
C-B1	5	4	1	54	1	99.9
C-B2	6	5	2	66	2	341
C-C1	5	4	2	54	2	191.2
C-C2	10	5	1	84	1	303.3
C-D1	7	5	3	84	2	634.9
C-D2	8	5	1	78	1	245
C-D3	8	5	2	78	2	470.3
C-D4	8	5	2	102	1	469.6
C-D5	10	6	8			3225.2
C-F1	9	5	2	60	4	535.2
C-F2	7	4	2	66	2	315.6
C-F3	8	5	2	78	2	495.3
C-F4	6	5	1	72	1	192.1
C-F5	8	5	1	60	2	220.6
C-F6	8	5	2	72	2	416.5
C-F7	10	5	5	96	4	1522.8
C-G1	9	5	3	96	2	870.6
C-G2	6	5	2	60	3	378.7
C-G3	9	5	6	96	4	1716.8
C-H1	6	5	2	66	2	340.9
C-H2	10	6	2	96	2	778.6
C-H3	10	6	2	96	2	778.6
C-H4	6	4	2	84	1	282.5
C-I1	5	4	1	54	1	93.4
C-I2	6	3	1	54	1	90.1

NOTE: INLET FOR BOX CULVERTS WAS ASSUMED TO BE 45° BEVELS FOR CALCULATION OF BOX SIZE. INLET FOR PIPE CULVERTS WAS ASSUMED TO BE BEVELED EDGE FOR CALCULATION OF PIPE DIAMETER. IT WAS ALSO ASSUMED THAT THE SLOPE OF THE CULVERTS WAS 0.005 FT/FT WITH A LENGTH OF 100 FEET. SIZE OF CULVERTS MAY CHANGE DURING FINAL DESIGN.

SEE SD2 FOR QUANTITY AND DETENTION BASIN TABLES AND RAILROAD CULVERT DETAILS

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PHONE: (702) 852-5700 FAX: (702) 852-2104

TAHOE RENO INDUSTRIAL CENTER

MASTER DRAINAGE PLAN

SD1

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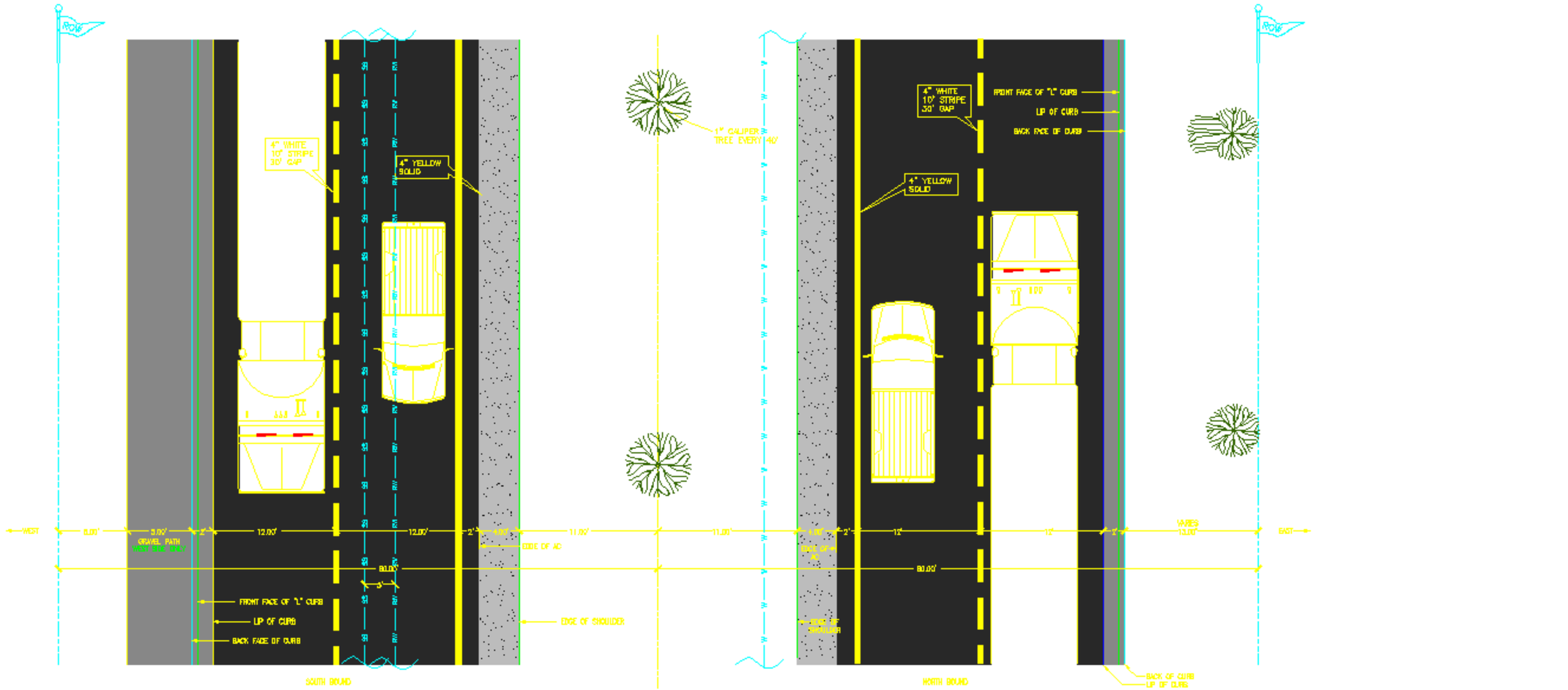

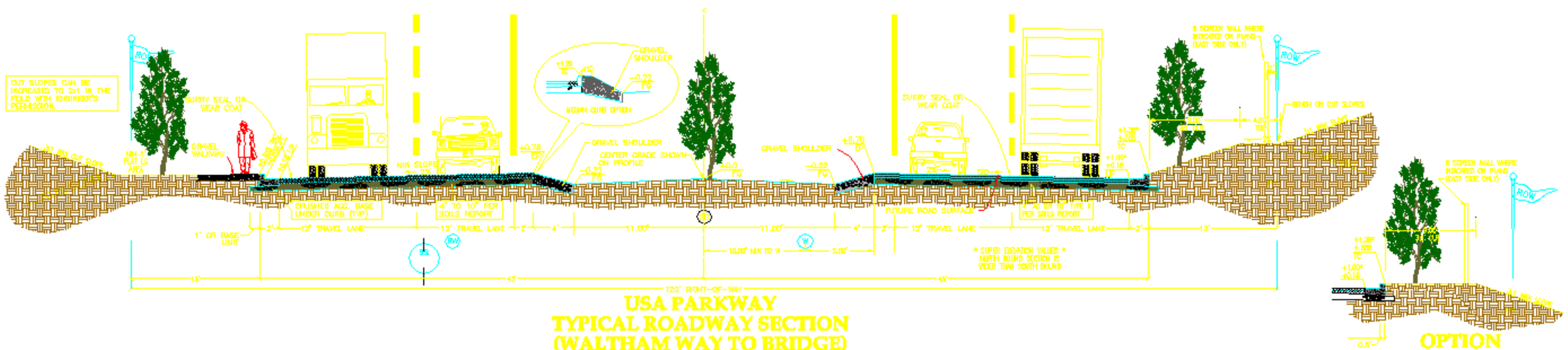

USA PARKWAY
TYPICAL ROADWAY SECTION
(WALTHAM WAY TO BRIDGE)

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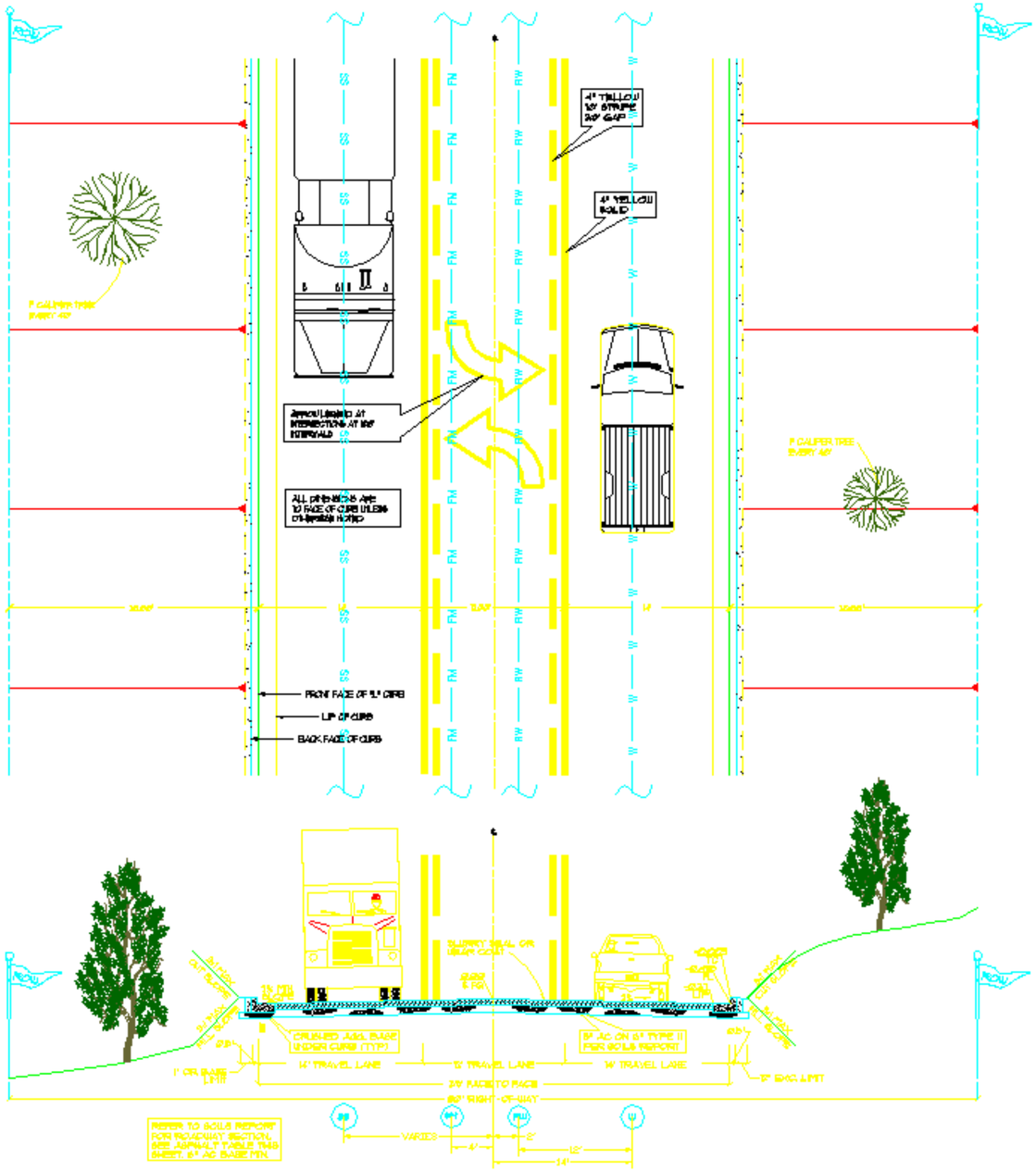
3883 S. McCARRAN BLVD #332 RENO, NV 89502
PHONE (702) 852-9700 FAX (702) 852-2194

TAHOE RENO

MASTER ROADWAY PLAN SECTION SHEET

REVISION 5/22/03

CS1

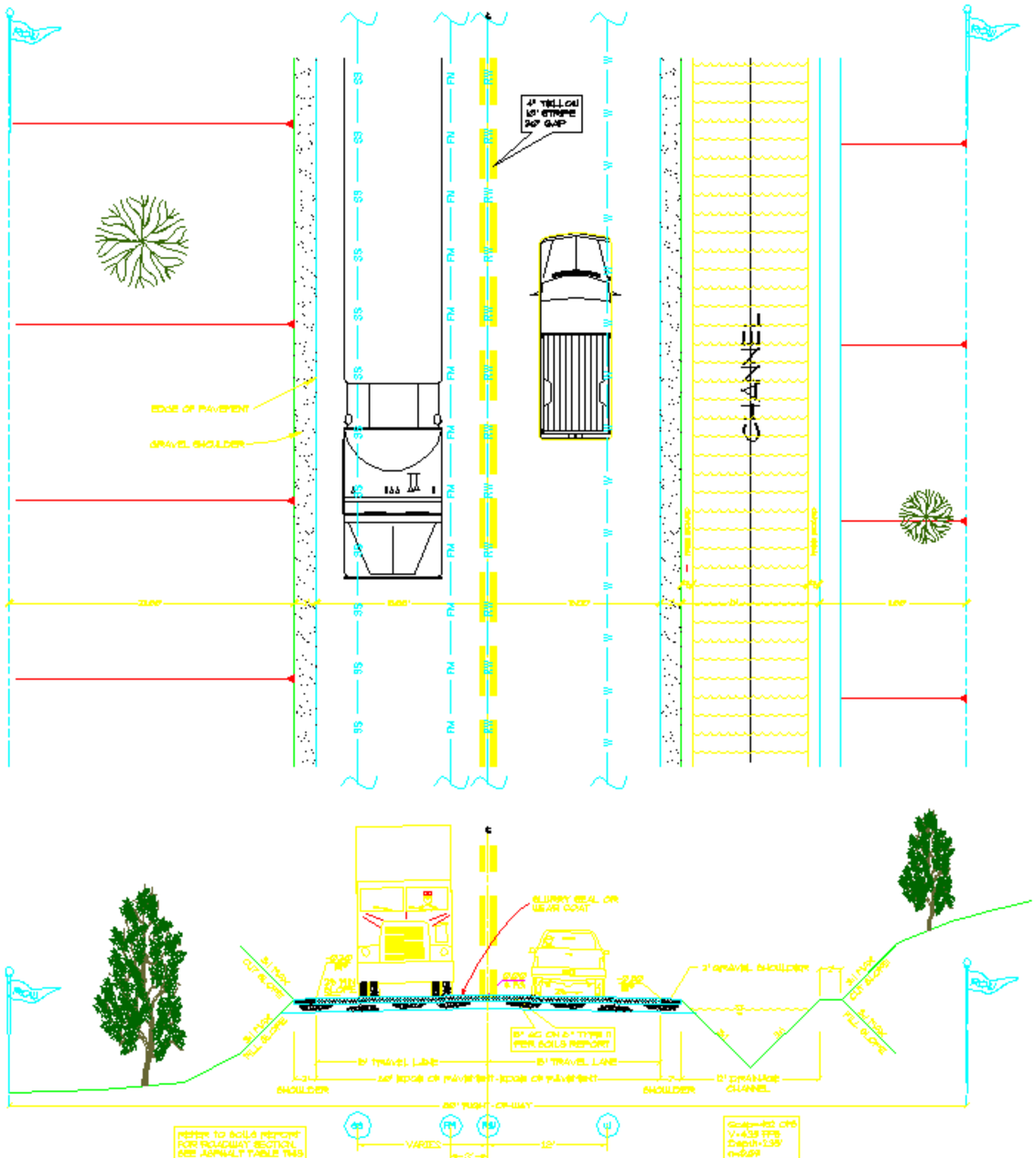


TYPICAL ROADWAY SECTION

(TYP A)
(TYP A-4)

ADD TWO 12' LANES
FFC TO FFC = 40'
LANDSCAPING = 8'
ROW = 80'

WALTHAM WAY

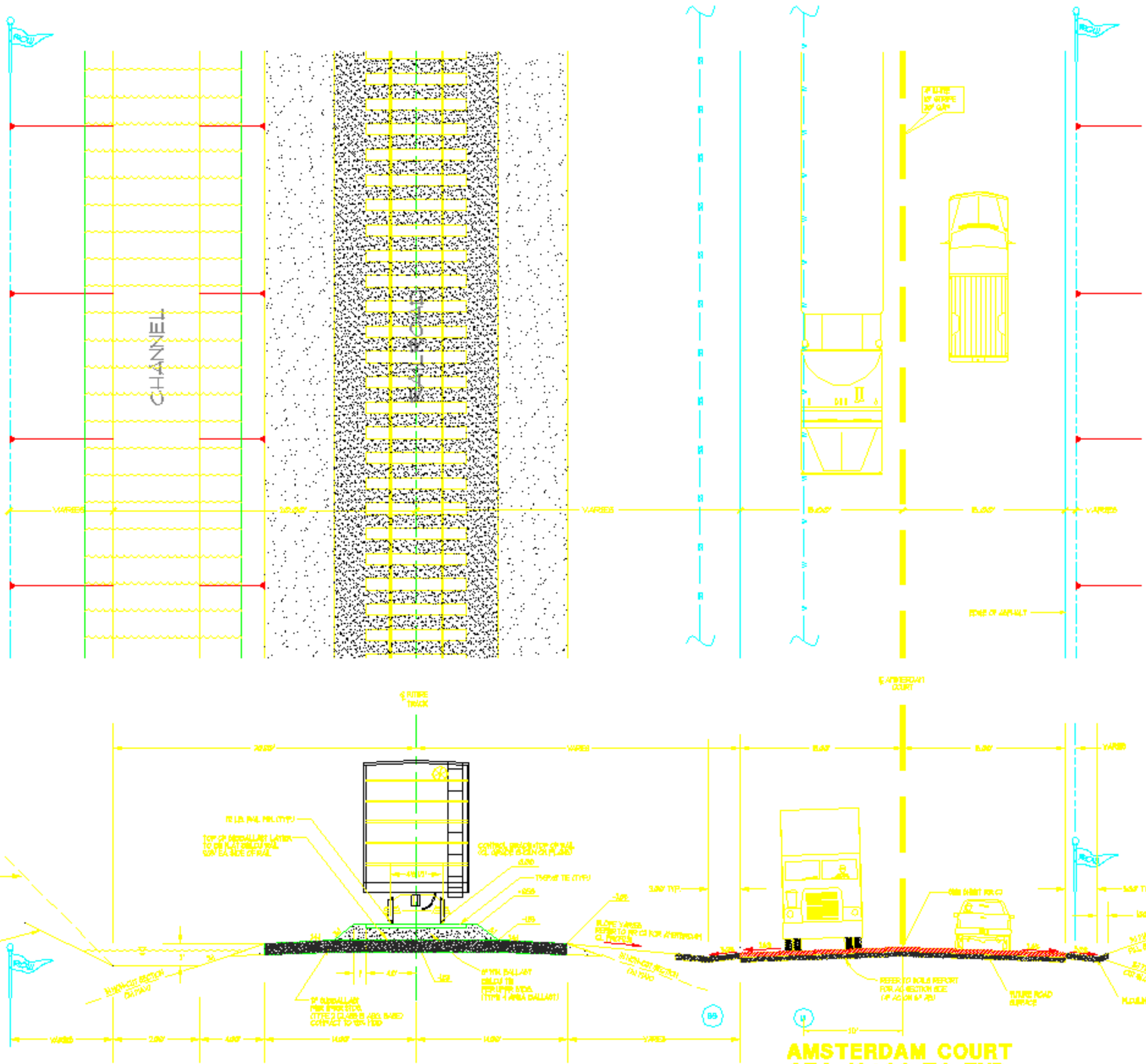


TYPICAL ROADWAY SECTION

(TYP B)

BRITAIN AVENUE
IRELAND DRIVE
VENICE DRIVE

NOTE
SEE THIS SHEET REFER TO BRITAIN AVENUE CROSS SECTION. SEE INDIVIDUAL PLAN SHEETS FOR LOCATIONS WITHIN IRELAND AND VENICE DRIVE



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CIVIL ENGINEERING • DESIGN • LAND PLANNING
3863 E. McCARRAN BLVD #332 RENO, NV 89502
PHONE: (702) 852-6700 FAX: (702) 852-2104

TAHOE RENO

REVISIONS	BY	DATE
REVISE BALLAST DEPTH @ RAIL ROAD		10/26/07

MASTER RAILROAD AND ROADWAY PLAN SECTION SHEET

CS3