	Hazardous Materials Stored	Quantity	Amount	Hazardous Classification						
				Oxidizer-Class 1	Oxidizer-Class 2	Oxidizer - Class 3	Flammable	Corrosive	Toxic	Highly Toxic
1	18% caustic	2	3.8 L					Y		
2	1-allyl-2thiourea	1	100 g					Y		
3	Acetate Buffer	4	2.5 L					Y		
4	Acetic / Iodate	1	2.5 L					Y		
5	ACETIC ACID	2	2.5 L					Y		
6	acetone	1	4 L				Y			
8	Alkaline- Iodide- Azido reagent	6	500 ml					Y	Y	
9	ALLKILINE REAGENT	2	1000 ml					Y		
10	Ammonia Electrode Filling Solution	6	10 ml					Y		
13	Ammonia PH Adjusting	2	500 ml					Y		
14	AMMONIA solution	1	100 ml					Y		
15	AMMONIA STANDARD	1	1 L					Y		
21	AMMONIUM PHOSPHATE	1	3 lbs					Y		
16	Ammonium Chloride	1	500 g					Y		
17	Ammonium hydroxide	5	2.5 L					Y		
18	Ammonium Phosphate	1	500 g					Y		
19	Ammonium Phosphate Monobasic	1	1 lbs					Y		
23	Antimony Potassium tartrate	1	1 lbs						Y	
24	Arsenic trioxide	1	50 g							Y
25	Ascarite Drying Agent	1	500 g					Y		
26	Ascorbic Acid	1	1 lbs					Y		
27	Auxiliary Tablets	1	500 g					Y		
29	Barium Chloride Dihydrate	1	500 g					Y		
30	Benedicts Reagent	1	1 L	Y				Y		
31	BOD std. SOLN GGA	3 cases	16 ampls					Y		
32	boric acid powder	1	5 kg					Y		
36	Buffer Solution	2	1000 ml					Y		
37	Buffer Solution Hardness	3	500 ml					Y		
38	Buffer Solution pH 4	1	10 L					Y		
39	Buffer Solution ph 6.00	1	2.5 L					Y		
41	Buffer Solution ph 8.00	5	2.5 L					Y		
42	butyl-alcohol	2	4 L				Y			
43	Calcium Carbonate	1	500g					Y		
44	Calcium Chloride Standard Solution	1	500 ml					Y		
49	Chemical Oxygen Demand standard	2	2 pkgs					Y	Y	
50	Chemical Oxygen Standard Solution	1	200 ml						Y	
51	Chloride Standard	2	500 ml					Y		
52	chloroform	5	2 L							
53	Chromic acid	1	2.5 L		Y			Y	Y	
54	Citric Acid	2	500 g					Y		
60	Diphenylcarbazone-xylene Bromophenol blue	1	500 ml				Y			
61	Diphenylcarbazone-xylene cyanol	2	500 ml				Y			
64	EBT Indicator Hardness	1	500 ml						Y	
66	EDTA-Titra ver Standard Solution	6	1 L					Y		
69	ethyl -alcohol	2	4 L				Y			
70	Fehling Copper Solution	1	1 L					Y		
71	Ferric Chloride	1	1 lbs		Y			Y		
72	Ferrous Sulfate	1	500 g					Y		
76	Glacial acetic acid	2	3.8 L					Y		
81	Hydrochloric Acid	3	2.5 L					Y		
82	Hydrogen Peroxide	1	1 L	Y				Y		
84	Iodine Solution	3	1 L			Y				
86	Lanthanumoxide	2	250 g				Y			
92	Maganous Sulfate	1	500 g					Y		

	Hazardous Materials Stored	Quantity	Amount	Hazardous Classification						
				Oxidizer-Class 1	Oxidizer-Class 2	Oxidizer - Class 3	Flammable	Corrosive	Toxic	Highly Toxic
93	Magnesium Sulfate	1	500 g					Y		
94	Manganese Sulfate Monohydrate	1	1 lbs					Y	Y	
96	Manganous Sulfate Solution	6	500 ml					Y		
97	Manver Hardness Indicator	1	13 g					Y		
98	Methy -alcohol	2	4 L				Y			
104	Nitrate Nitrogen Standard Solution	5	1 L					Y		
105	Nitrate Standard	3	1 L					Y		
107	Nitric acid	1	2.5 L	Y				Y		
109	NITRITE STANDARD SOLUTION	5	1 L					Y		
110	Nitrogen Standard	1	1 L					Y		
111	Oxygen Indicator Refill	5	50 ml					Y		
112	PAO-Phenylarsine Oxide Solution	6	1 L						Y	
113	Ph electrode Storage Solution	2	500 ml					Y		
117	P-methylaminophenol Sulfate	1	100 g						Y	
118	Potassium Acid Phthalate ACS Grade	1	500 g					Y		
119	Potassium BiCarbonate powder	1	1 kg					Y		
121	Potassium Bromide	1	500 g					Y		
122	Potassium Chloride	1	500 g					Y		
123	Potassium Chromate Crystal	1	125 g	Y				Y		
124	Potassium Cynaide Granular	1	500 g							Y
125	Potassium Dichromate	2	1 lbs	Y					Y	
126	Potassium Iodate	2	500 g			Y	Y			
127	Potassium Iodate Acid	1	250 g			Y				
128	Potassium Iodate Solution	1	2.5 L	Y						
131	Potassium Thiocynate	1	1 kg						Y	
132	Premium Vacume Oil	1	5 gal					Y		
133	pump oil	1	5 gal				Y			
134	Red Buffer	2	10 L							
135	Redsidual Chlorine Standard	1	500 ml	Y					Y	
136	Reference Electrode Filling Solution	1	100 ml					Y		
137	Salicylic Acid	1	500 g					Y		
138	SILISIC ACID	2	1 lbs					Y		
139	Silver Nitrate	1	60 g						Y	
140	Sodium Acetate	1	500 g					Y		
141	Sodium Azide	1	500 g					Y		
142	Sodium Benzoate	1	500 g					Y		
143	Sodium Bicarbonate	4	500 g					Y		
144	Sodium Biphenalthalate Crystal	1	500g				Y	Y		
145	SODIUM CARBONATE	1	100 g					Y		
146	Sodium Carbonate GR	1	500 g					Y		
149	Sodium Hydroxide	2 bottles	5 lbs					Y		
161	Sulfuric Acid	3 bottles	2.5 L					Y		
164	THYMOLPHTALEN	1	25 g				Y	Y	Y	
167	Triphenyltetrazolium Chloride Solution	1	100 ml						Y	
	Total quantities stored (approx.)			**19.3 lbs.**	**11 lbs.**	**18.3 lbs.**	**13 gal.**	**50 lbs. solid**	**20 lbs.**	**1.5 lbs**
								300 gal. liquid		
	Maximum allowable quantities in building equipped with automatic sprinkler system			**unlimited**	**500 lbs.**	**20 lbs.**	**60 gal**	**5000 lbs solid**	**500 lbs.**	**10 lbs.**
	Table 307.1(1) & (2)							**500 gal. liquid**		

LABORATORY - HAZARDOUS MATERIALS CHART

BurksToma Architects

JOB NUMBER: 8160A.10

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DESIGNED KB
DRAWN LKT,MJG
CHECKED KB
DATE JANUARY 2011

DISCIPLINE ENGINEER: LICENSED ARCHITECT KAREN BURKS NO. C-12893 EXP. 10/31/11 ARCHITECT STATE OF CALIFORNIA 01/31/11

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JAMES WICKSTROM No. C57732 Exp. 12/31/11 CIVIL STATE OF CALIFORNIA 01/31/11

PROJECT MANAGER: REGISTERED PROFESSIONAL ENGINEER RICK L. CHAN No. C48892 Exp. 6/30/12 CIVIL STATE OF CALIFORNIA 01/31/11

carollo

CITY OF SAN LEANDRO INCORPORATED 1872

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NO.	DATE	REVISION
3	3/11	ADDENDUM NO. 3

PROJECT MGR. KC DATE 3/24/11
TRANS ADMIN. DATE
SENIOR ENGR. AEO DATE 3/24/11
APPROVED BY DATE 3/25/11
CITY ENGINEER, R.C.E. No. 34870

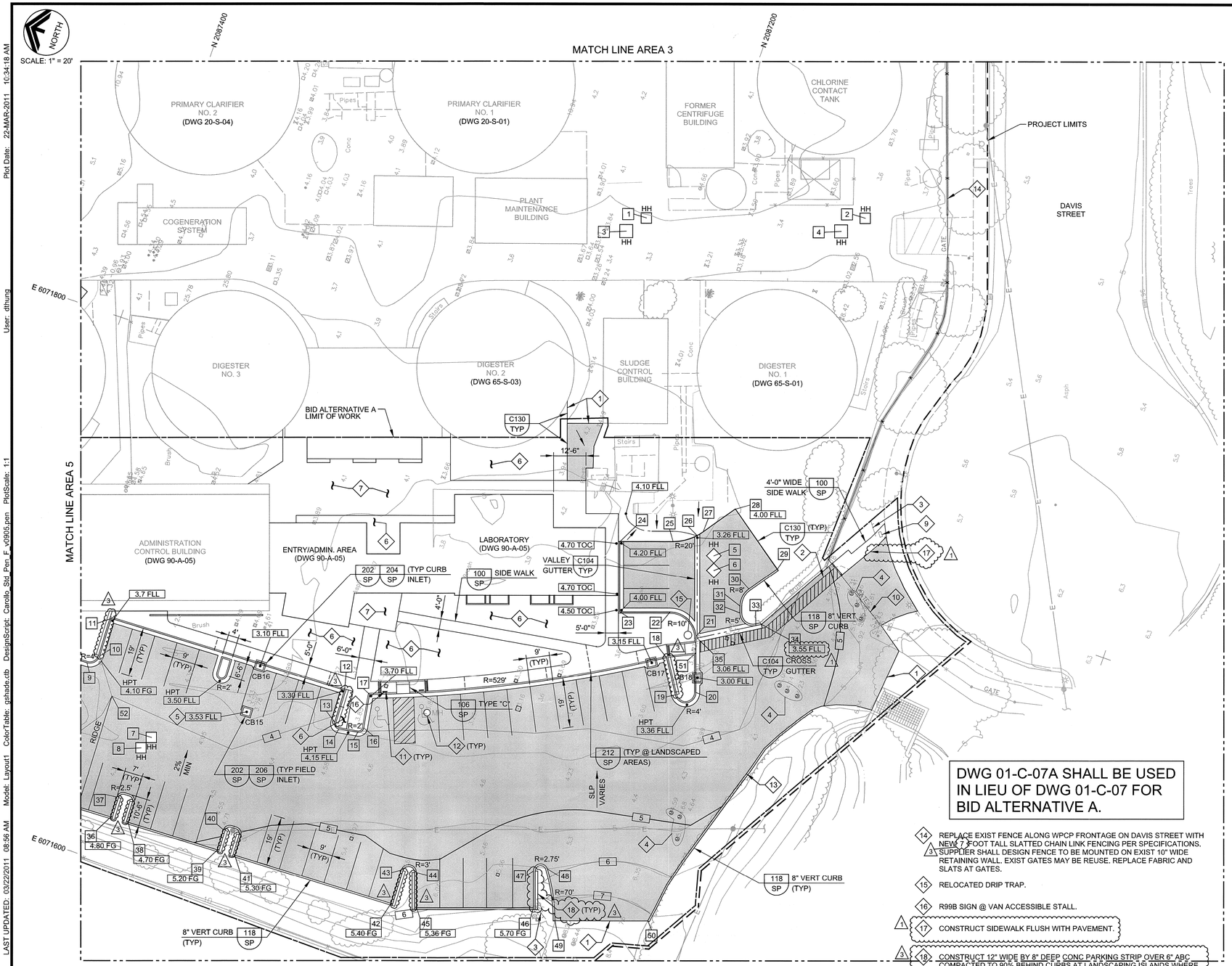
CITY OF SAN LEANDRO

WPCP REHABILITATION PROJECT

ARCHITECTURAL

ADMINISTRATION CONTROL BUILDING
BUILDING DATA

CONTRACT DWG. 90-A-01A
SHEET 416.01 OF 557
JOB NO. 08-593-52-239
SCALE AS NOTED
DWG. 1609.01 CASE 604



DWG 01-C-07A SHALL BE USED IN LIEU OF DWG 01-C-07 FOR BID ALTERNATIVE A.

LEGEND (REFER TO TYP G032 FOR LINE WORK)

- 4" AC PAVING OVER 14" CL II ABC COMPACTED TO 95%.
- 4" THICK 3/4" WASHED CRUSHED ROCK OVER STABILIZATION FABRIC
- CONCRETE
- 5.00 FLL — SPOT ELEVATION AT LOCATION
- SWALE FLOW LINE

COORDINATE CONTROL DATA

	NORTH	EAST		NORTH	EAST		NORTH	EAST
1	2087221.18	6071901.96	19	2087150.94	6071732.66	37	2087341.41	6071625.38
2	2087141.55	6071929.41	20	2087143.78	6071736.11	38	2087334.15	6071617.62
3	2087226.87	6071894.71	21	2087150.61	6071755.93	39	2087298.44	6071626.84
4	2087148.71	6071921.66	22	2087163.33	6071762.12	40	2087298.17	6071618.83
5	2087154.42	6071788.08	23	2087181.59	6071755.82	41	2087291.18	6071619.06
6	2087152.57	6071782.73	24	2087190.39	6071781.35	42	2087228.21	6071621.19
7	2087336.34	6071651.48	25	2087171.01	6071788.03	43	2087228.66	6071634.57
8	2087338.82	6071646.39	26	2087162.95	6071793.25	44	2087222.83	6071635.65
9	2087365.84	6071689.59	27	2087161.33	6071795.21	45	2087218.41	6071622.85
10	2087365.33	6071674.60	28	2087152.37	6071807.58	46	2087175.87	6071637.52
11	2087369.20	6071670.46	29	2087129.69	6071791.16	47	2087180.49	6071650.91
12	2087271.89	6071692.75	30	2087137.50	6071780.38	48	2087175.65	6071653.40
13	2087271.46	6071679.99	31	2087138.58	6071773.08	49	2087166.42	6071635.51
14	2087269.15	6071678.09	32	2087137.72	6071770.58	50	2087132.64	6071647.15
15	2087261.84	6071679.24	33	2087130.41	6071767.93	51	2087148.73	6071750.46
16	2087260.18	6071681.53	34	2087128.46	6071769.11	52	2087355.84	6071661.41
17	2087262.21	6071694.31	35	2087150.12	6071756.04			
18	2087158.82	6071745.07	36	2087341.14	6071617.37			

GENERAL NOTES:

1. SEE GENERAL NOTES ON DWG 01-C-01.
2. PAVING AND GRADING WORK IN THIS AREA ENCROACHES ON KINDER MORGAN (SFPP) AND SHELL PETROLEUM PIPELINE EASEMENTS. REFER TO DWGS 01-C-01, 01-C-13 AND 01-C-34 AND SPECS FOR ADDITIONAL WORK REQUIREMENTS RELATED TO PETROLEUM PIPELINES.
3. SLOPE HH COVERS TO BE FLUSH WITH FINAL GRADES OF PAVED AREAS.
4. REFER TO SPECIFICATIONS AND TYPICAL DETAILS FOR PAVING RESTORATION REQUIREMENTS FOR PIPING AND DUCTBANK TRENCHES.
5. STRIPE AND SIGN PARKING AREAS IN ACCORDANCE WITH CITY OF SAN LEANDRO STANDARD PLANS.
6. ADJUST ALL EXIST MHS AND UTILITY BOXES IN NEW PAVED AREAS TO NEW FG PER STANDARD PLAN 222.

KEY NOTES:

1. SAWCUT EXIST PAVEMENT TO INSTALL NEW AC PAVING. REFER TO SPEC SECTIONS 02742 AND 02952 FOR ADDITIONAL PAVING REQUIREMENTS.
2. STRIPE 4' WIDE ACCESS WALKWAY. CONSTRUCT PAVING AT WALKWAY SO THAT MAXIMUM SLOPE IS LESS THAN 1:20 AND MAXIMUM CROSS SLOPE IS LESS THAN 2%. (1)
3. PROTECT EXIST SIGN DURING CONSTRUCTION. RELOCATE SIGN AND CONCRETE SUPPORT BASE TO PROVIDE 3'-0" CLEAR BETWEEN SIGN AND NEW SIDE WALK. (1)
4. COORDINATE REPLACEMENT OF PIPELINE ALIGNMENT MARKERS WITH KINDER MORGAN (SFPP) AND SHELL UPON COMPLETION OF PAVING.
5. REMOVE EXIST CB AND INSTALL NEW CB SET TO NEW FLL'S. MATCH EXIST INVS.
6. REFER TO LANDSCAPE DWGS FOR LANDSCAPING IN THIS AREA.
7. REFER TO ARCHITECTURAL DWGS FOR NEW CONC FLAT WORK DETAILS AROUND THE ADMINISTRATION CONTROL BUILDING/LABORATORY.
8. DICONTINUE CURB AT EXISTING ASPHALT BERM.
9. RAISE EXIST CONC BOX APPROX 2" TO BE FLUSH WITH EXIST SIDEWALK, POUR NEW SIDEWALK FLUSH WITH TOP OF EXIST SIDEWALK. (1)
10. PROTECT EXIST ENTRANCE GATE, GATE TRACK AND CONCRETE TRACK FOUNDATION. REPLACE EXIST TRAFFIC DETECTION LOOPS AT ENTRY AND EXIT IN KIND. OWNER WILL SUPPLY RECORD INFORMATION ON GATE SYSTEM TO CONTRACTOR DURING CONSTRUCTION.
11. PROVIDE SIGNPOSTS AND STRIPPING FOR HANDICAPPED PARKING STALLS PER SP 602.
12. UNLESS NOTED OTHERWISE, ADJUST MHS AND UTILITY BOXES TO NEW FG PER SP 222.
13. MATCH EXIST PAVING LIMITS.
14. REPLACE EXIST FENCE ALONG WPCP FRONTAGE ON DAVIS STREET WITH NEW 7 FOOT TALL SLATTED CHAIN LINK FENCING PER SPECIFICATIONS. (3) SUPPLIER SHALL DESIGN FENCE TO BE MOUNTED ON EXIST 10" WIDE RETAINING WALL. EXIST GATES MAY BE REUSE. REPLACE FABRIC AND SLATS AT GATES.
15. RELOCATED DRIP TRAP.
16. R99B SIGN @ VAN ACCESSIBLE STALL.
17. (1) CONSTRUCT SIDEWALK FLUSH WITH PAVEMENT.
18. (3) CONSTRUCT 12" WIDE BY 8" DEEP CONC PARKING STRIP OVER 6" ABC COMPACTED TO 90% BEHIND CURBS AT LANDSCAPING ISLANDS WHERE ISLANDS ABUT PARKING STALLS.

LAST UPDATED: 03/22/2011 08:56 AM Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Std_Pen_F_v0905.pen PlotScale: 1:1 User: dthung Plot Date: 22-MAR-2011 10:34:18 AM

LAST SAVED BY: dthung

JOB NUMBER: 8160A.10
FILENAME: 8160A10-01-C-007A.dgn

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DESIGNED	RAH
DRAWN	DST
CHECKED	WCL
DATE	JANUARY 2011

DISCIPLINE ENGINEER — REGISTERED PROFESSIONAL ENGINEER RYAN A. HOOF No. C 68462 Exp. 9/30/11 CIVIL STATE OF CALIFORNIA — 01/31/11

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER JAMES WICKSTROM No. C57733 Exp. 12/31/11 CIVIL STATE OF CALIFORNIA — 01/31/11

PROJECT MANAGER — REGISTERED PROFESSIONAL ENGINEER RICK L. CHAN No. C48892 Exp. 6/30/12 CIVIL STATE OF CALIFORNIA — 01/31/11

carollo

CITY OF SAN LEANDRO INCORPORATED 1872

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NO.	DATE	REVISION
3	03/11	ADDENDUM NO. 3
1	03/11	ADDENDUM NO. 1

PROJECT MGR. KC DATE 3/24/11
TRANS ADMIN. ____ DATE ____
SENIOR ENGR. AEO DATE 3/24/11
APPROVED BY: ____ DATE 3/24/11
CITY ENGINEER, R.C.E. No. 34870

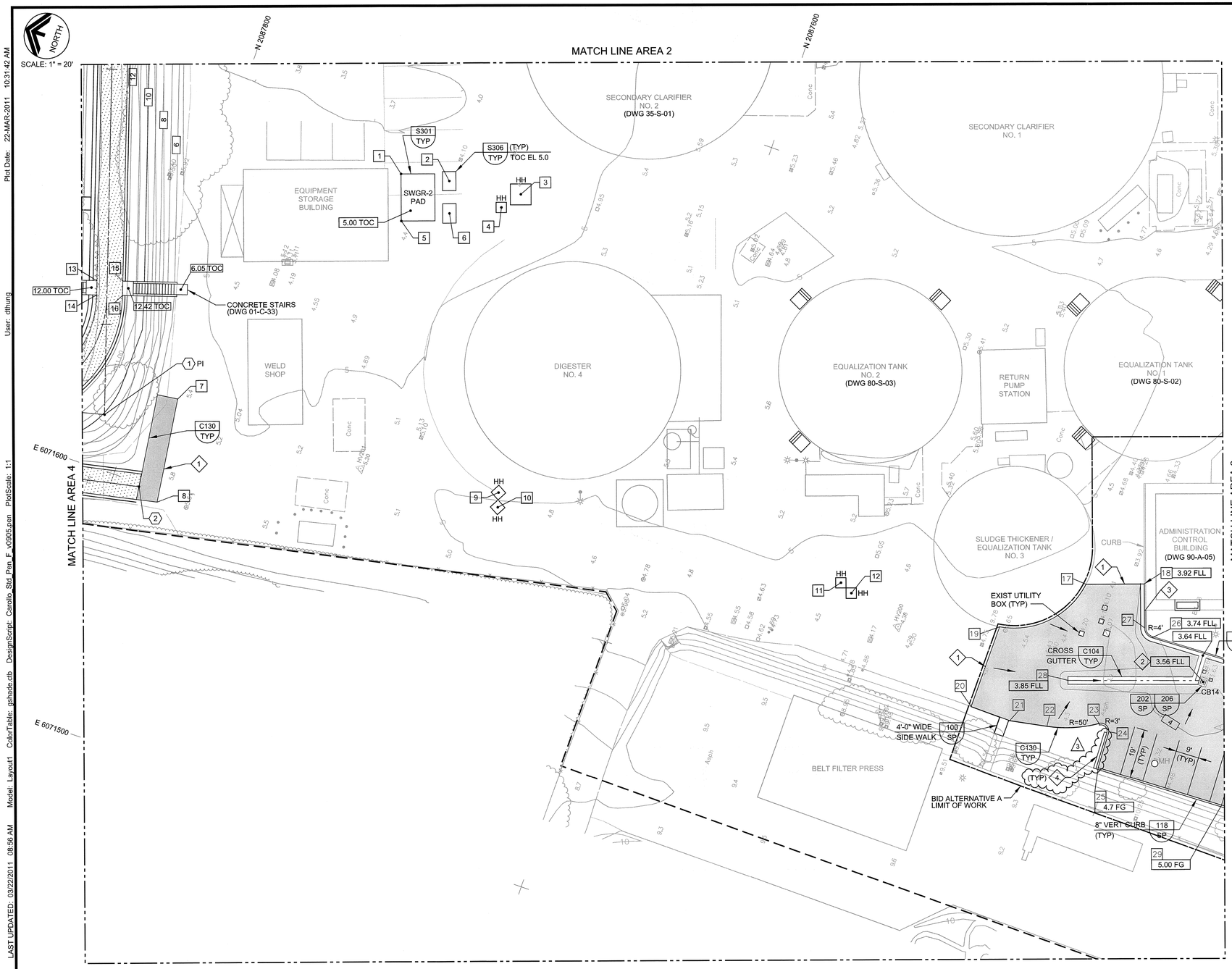
CITY OF SAN LEANDRO

WPCP REHABILITATION PROJECT

CIVIL

PAVING AND GRADING PLAN AREA 6

CONTRACT DWG 01-C-07A
SHEET 123 OF 557
JOB NO. 08-593-52-239
SCALE AS NOTED
DWG. 1316 CASE 604



LEGEND (REFER TO TYP G032 FOR LINE WORK)

- 4" AC PAVING OVER 14" CL II ABC COMPACTED TO 95%.
- 4" THICK 3/4" WASHED CRUSHED ROCK OVER STABILIZATION FABRIC
- 2 1/2" AC PAVING OVER 15 1/2" STABILIZED SOIL
- CONCRETE
- 5.00 FLL — SPOT ELEVATION AT LOCATION
- SWALE FLOW LINE

COORDINATE CONTROL DATA

	NORTH	EAST		NORTH	EAST
1	2087732.02	6071744.25	16	2087818.73	6071665.52
2	2087713.51	6071747.61	17	2087431.20	6071680.66
3	2087685.78	6071751.70	18	2087409.94	6071687.99
4	2087691.24	6071744.53	19	2087457.50	6071654.48
5	2087726.09	6071727.16	20	2087457.98	6071621.73
6	2087709.44	6071735.91	21	2087442.20	6071621.38
7	2087785.75	6071634.93	22	2087427.88	6071623.98
8	2087780.74	6071595.13	23	2087409.21	6071631.47
9	2087657.04	6071640.84	24	2087404.56	6071629.06
10	2087655.52	6071635.40	25	2087404.09	6071615.25
11	2087520.89	6071650.72	26	2087400.55	6071669.41
12	2087515.81	6071648.24	27	2087404.46	6071672.10
13	2087829.92	6071667.74	28	2087425.83	6071643.30
14	2087828.26	6071662.49	29	2087354.34	6071616.92
15	2087820.40	6071670.80			

CURVE DATA

CURVE NO.	RADIUS (TO CL)	POINT OF INTERSECTION NORTH	POINT OF INTERSECTION EAST
1	42 FT	2087810.64	6071620.06
2	-	2087789.21	6071598.52

GENERAL NOTES:

1. SEE GENERAL NOTES ON DWG 01-C-01.
2. SLOPE HH COVERS TO BE FLUSH WITH FINAL GRADES OF PAVED AREAS.
3. REFER TO SPECIFICATIONS AND TYPICAL DETAILS FOR PAVING RESTORATION REQUIREMENTS FOR PIPING AND DUCTBANK TRENCHES.
4. ADJUST ALL EXIST MHS AND UTILITY BOXES IN NEW PAVED AREAS TO NEW FG PER SP 222.
5. (3) SAMPLES TAKEN IN THE AREA WHERE THE EQUALIZATION BASIN WILL BE CONSTRUCTED INDICATE THE PRESENCE OF SOILS THAT ARE CONSIDERED HAZARDOUS. SEE SPECIFICATION SECTION 01354. CONTRACTOR SHALL TAKE ALL NECESSARY HEALTH AND SAFETY PRECAUTIONS WHILE CONDUCTING WORK IN THIS AREA.

KEY NOTES:

1. SAWCUT EXIST PAVEMENT TO INSTALL NEW AC PAVING. REFER TO SPEC SECTIONS 02742 AND 02952 FOR ADDITIONAL PAVING REQUIREMENTS.
2. REMOVE EXIST CB AND INSTALL NEW CB SET TO NEW FLL'S. MATCH EXIST PIPE INVS.
3. FILL TO MATCH EXIST.
4. (3) CONSTRUCT 12" WIDE BY 8" DEEP CONC PARKING STRIP OVER 6" ABC COMPACTED TO 90% BEHIND CURBS AT LANDSCAPING ISLANDS WHERE ISLANDS ABUT PARKING STALLS.

DWG 01-C-06A SHALL BE USED IN LIEU OF DWG 01-C-06 FOR BID ALTERNATIVE A.

Plot Date: 22-MAR-2011 10:31:42 AM User: dthung
LAST UPDATED: 03/22/2011 08:56 AM Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Std_Pen_F_v0905.pen PlotScale: 1:1
LAST SAVED BY: dthung

JOB NUMBER: 8160A.10
FILENAME: 8160A10-01-C-006A.dgn

VERIFY SCALES
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0 — 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DESIGNED RAH
DRAWN DST
CHECKED WCL
DATE JANUARY 2011

DISCIPLINE ENGINEER: REGISTERED PROFESSIONAL ENGINEER RYAN A. HOOF No. C 68462 Exp. 9/30/11 CIVIL STATE OF CALIFORNIA — 01/31/11
PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JAMES WICKSTROM No. C57732 Exp. 12/31/11 CIVIL STATE OF CALIFORNIA — 01/31/11
PROJECT MANAGER: REGISTERED PROFESSIONAL ENGINEER RICK L CHAN No. C48892 Exp. 6/30/12 CIVIL STATE OF CALIFORNIA — 01/31/11

carollo

CITY OF SAN LEANDRO INCORPORATED 1872

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NO.	DATE	REVISION
3	03/11	ADDENDUM NO. 3

PROJECT MGR. KC DATE 3/24/11
TRANS ADMIN. DATE
SENIOR ENGR. AEO DATE 3/24/11
APPROVED BY: DATE 3/25/11
CITY ENGINEER, R.C.E. No. 34870

CITY OF SAN LEANDRO

WPCP REHABILITATION PROJECT

CIVIL

PAVING AND GRADING PLAN
AREA 5

CONTRACT DWG 01-C-06A
SHEET 121 OF 557
JOB NO. 08-593-52-239
SCALE AS NOTED
DWG. 1314 CASE 604