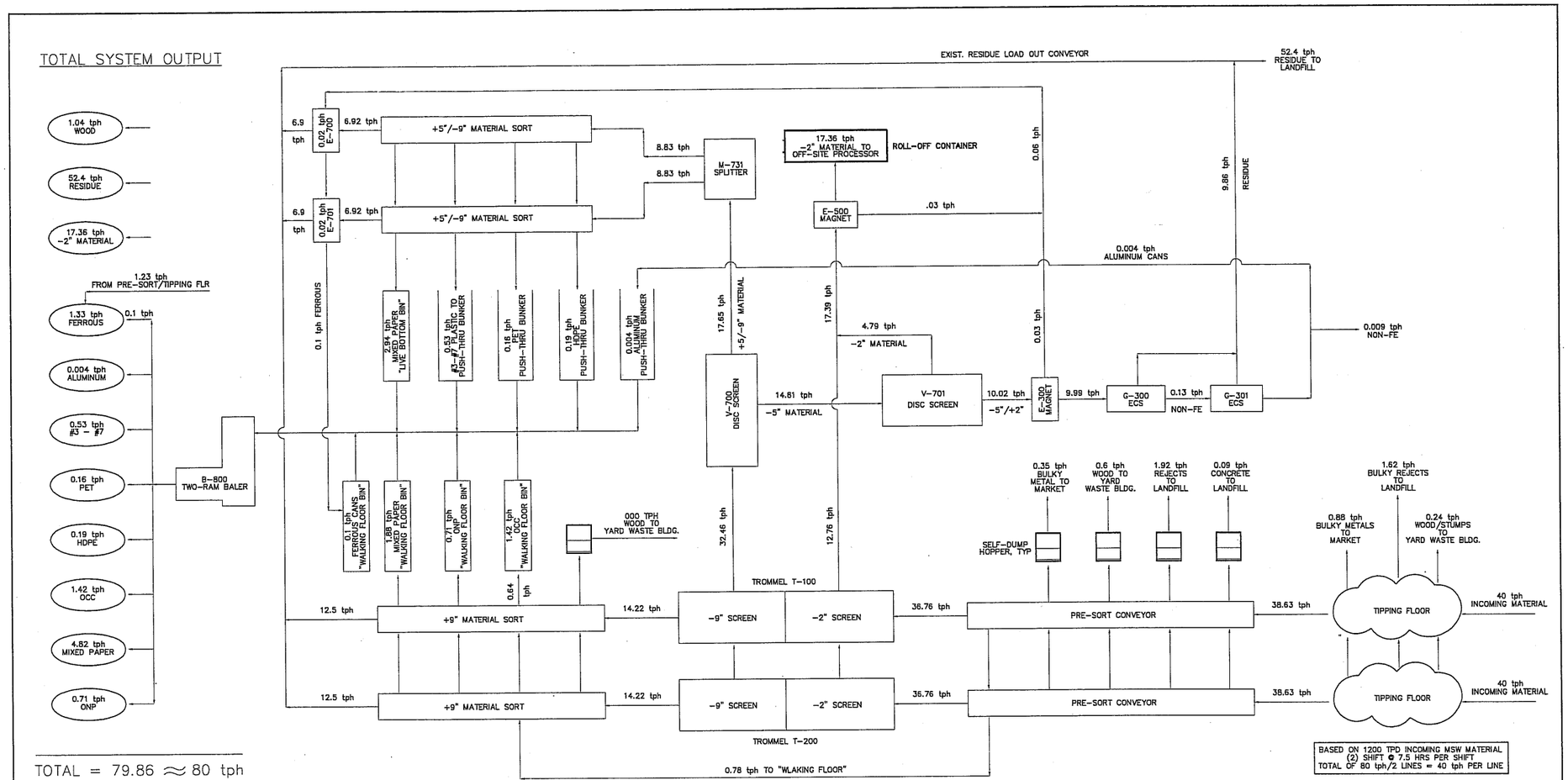

ESTIMATED MASS FLOW IS BASED ON THE WASTE COMPOSITION FURNISHED BY THE CITY OF SUNNYVALE.

MASS BALANCE BREAKDOWN		
MATERIAL	EST. tph	PERCENT
-2" MATERIAL	17.4	22%
RECYCLABLE MATERIAL	10.2	12%
RESIDUE	52.4	66%
TOTALS	80	100%

MASS BALANCE UNDER REVIEW
DRAWING IN PROGRESS
PRELIMINARY TO REV 'C' - 5/30/06
NOT FOR CONSTRUCTION

RRT Engineering, LLC.
An Affiliate of Enviro-Services & Constructors, Inc.

CITY OF SUNNYVALE
MATERIAL RECOVERY FACILITY
CALIFORNIA

PROCESS SYSTEM
MATERIAL FLOW & MASS BALANCE

REV	DESCRIPTION	DATE BY CHK
C	ISSUED FOR BID	5-29-06 RS

PROPRIETARY DATA
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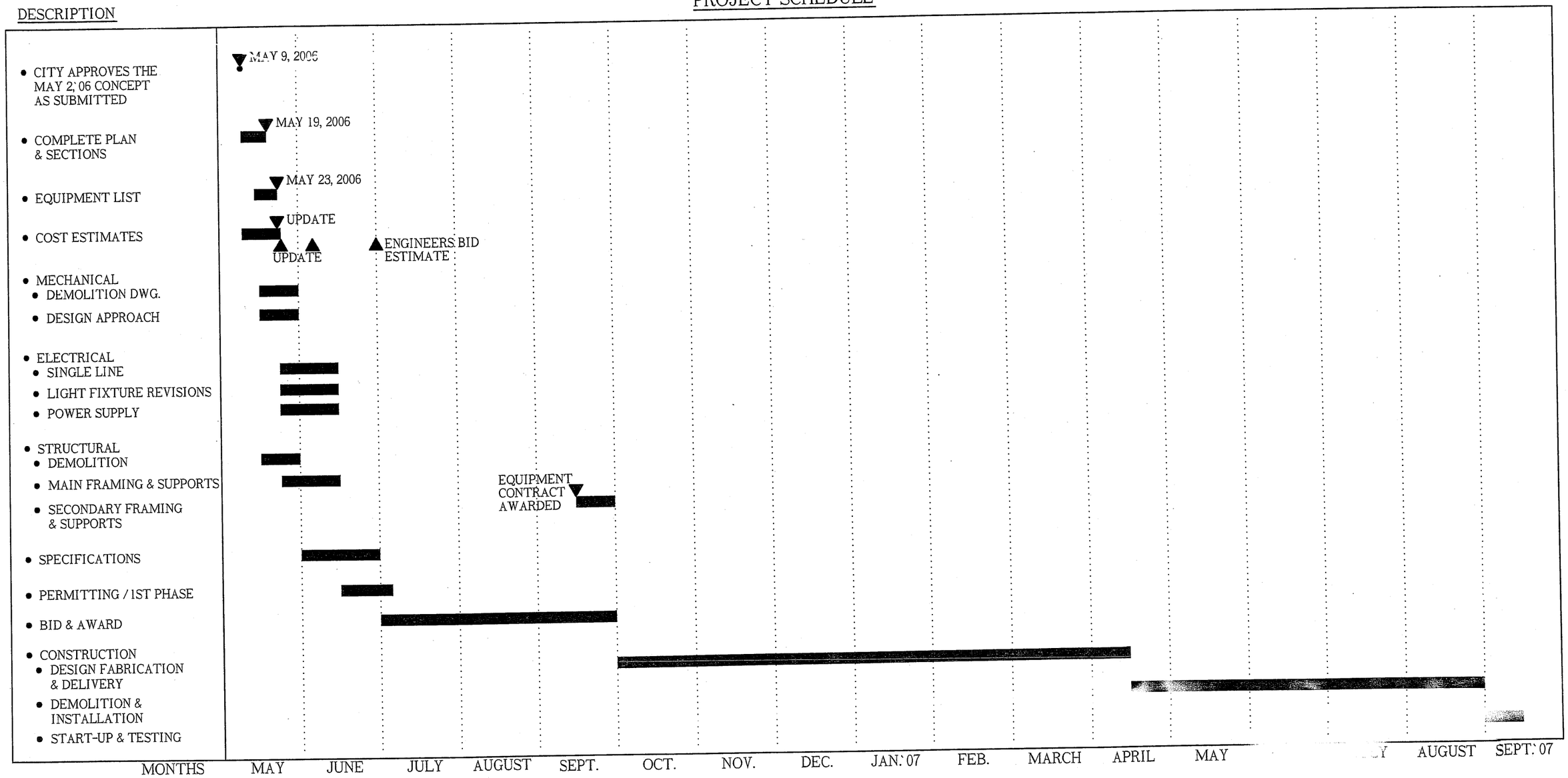
RRT Engineering, LLC.
125 Bayliss Road
Melville, N.Y. 11747
phone 631-756-1868
fax 631-756-1864

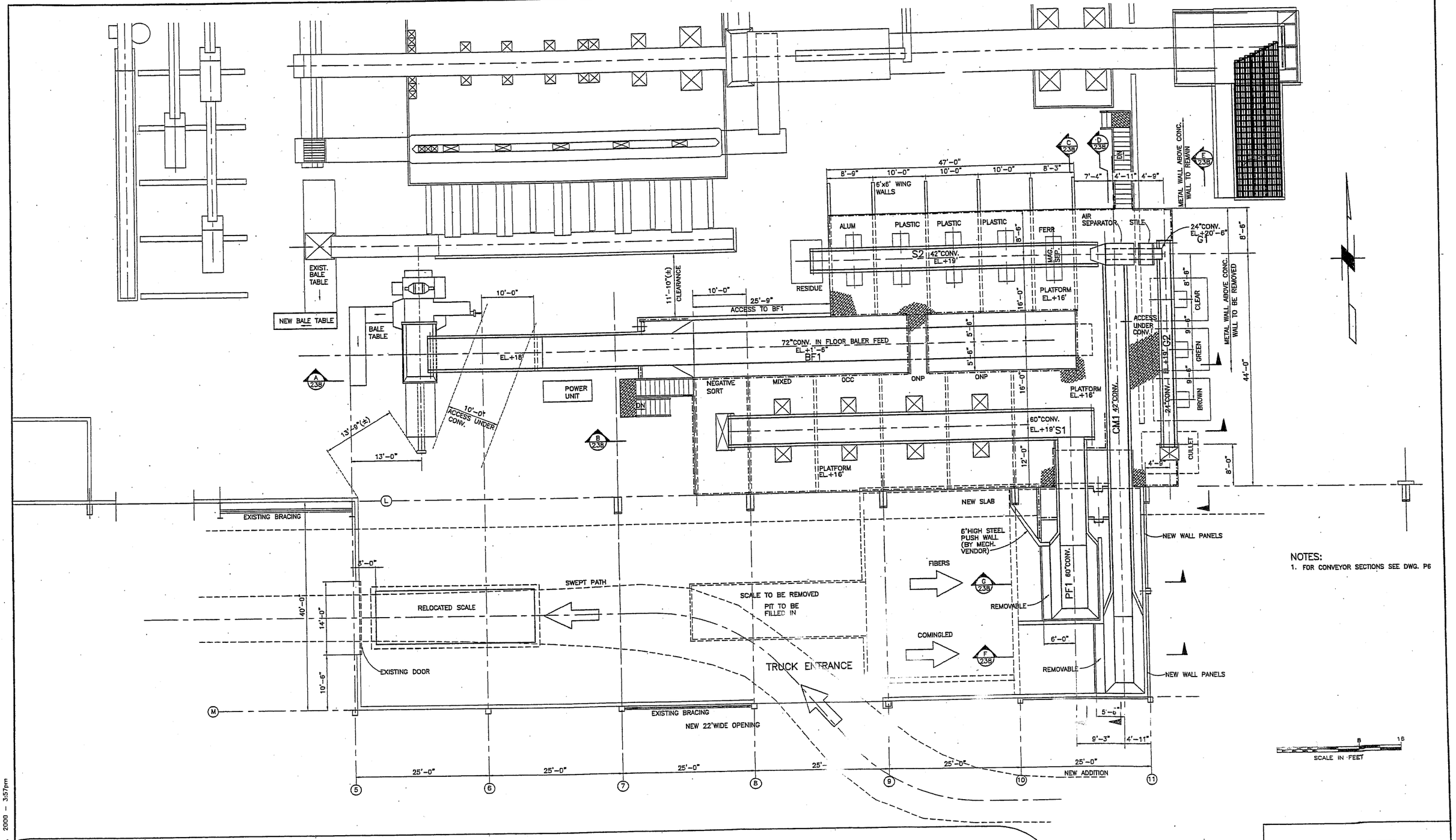
	BY	DATE
DRAWN	RS	5-29-06
CHECKED		
DESIGNED	RS	5-29-06
APPROVED	:	
APPROVED	:	

PROJ. No: 559-002 SCALE: NO SCALE
DWG. NO: PM-11 C
CAD FILE: Process Flow.dwg
SHEET SIZE: D-24x36 REV

SMaRT STATION
EQUIPMENT REPLACEMENT
PROJECT SCHEDULE



I:\Sunnyvale Study\CAD\EQ-REPLACEMENTSCHEDULE.dwg Jun 05, 2008 - 3:21pm



NOTES:
1. FOR CONVEYOR SECTIONS SEE DWG. P6

Rev.	Description	Date
D	ISSUE FOR CONSTRUCTION	5/26/00
C	FOR CLIENT REVIEW	17/12/99
B	APPROVED BY CLIENT	11/1/99
A	CLIENT REVIEW	10/22/99

URS Greiner Woodward Clyde

111 S.W. Columbia Street – Portland, Oregon 97201
(tel) 503-222-7200 (fax) 503-222-4292

CAD FILE No. 0026-P3

REGISTERED PROFESSIONAL ENGINEER
KRYSTAL S. YOUNG
No. C54781
Exp. 2/31/03
CIVIL
STATE OF CALIFORNIA

Scale	1/8"=1'-0"
Designed By:	VCH
Drawn By:	VCH
Checked By:	RWC
Consultant's Job No.	09980026

PROPOSED RECYCLING FACILITY
GENERAL ARRANGEMENT
ALTERNATE-3 PLAN

CITY OF SUNNYVALE CALIFORNIA

City of Sunnyvale
Santa Clara County
California

Department of Public Works
456 West Olive Avenue
P.O. Box 3707
Sunnyvale 94088-3707

City of Sunnyvale
Project No.

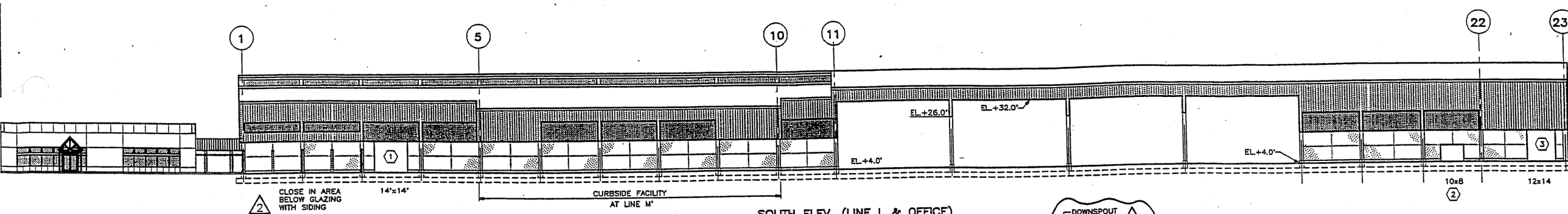
Drawing No. 237

Sheet ____ of ____

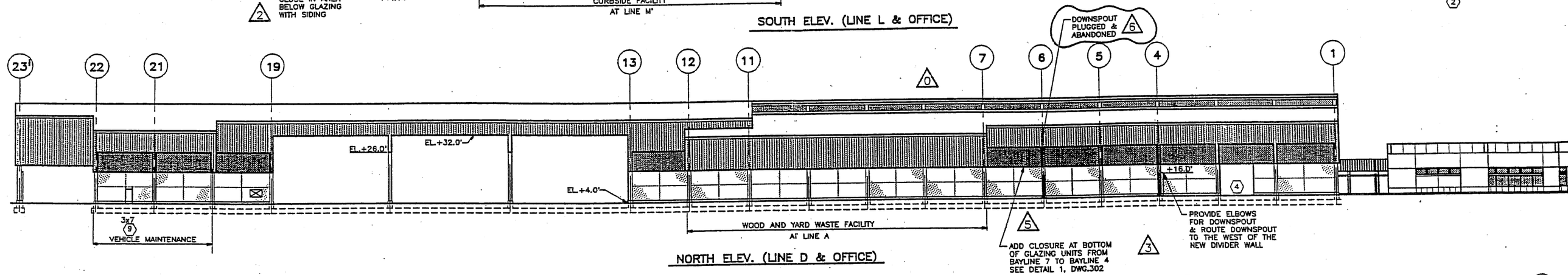
Revision 1.0 (10/93)

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

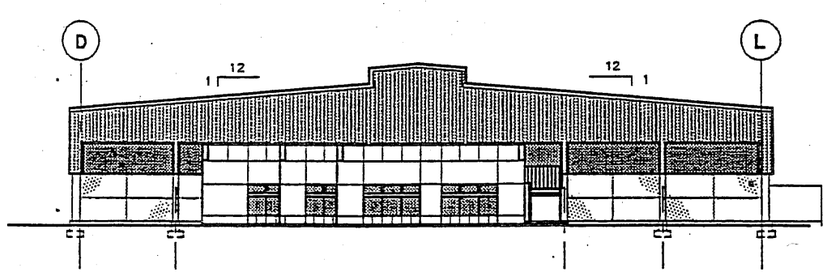
I:\9980026\0026-237.dwg May 25, 2000 - 3:57pm



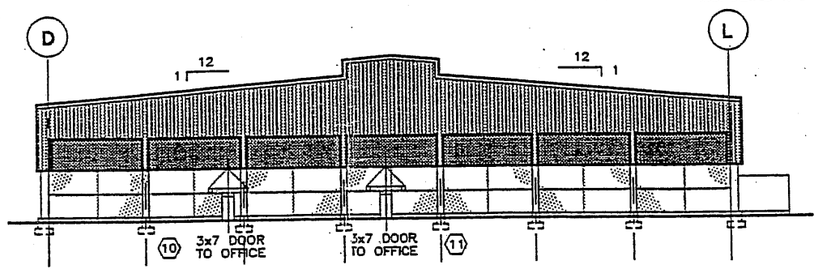
SOUTH ELEV. (LINE L & OFFICE)



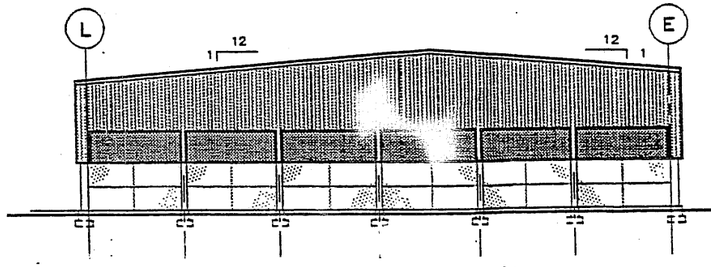
NORTH ELEV. (LINE D & OFFICE)



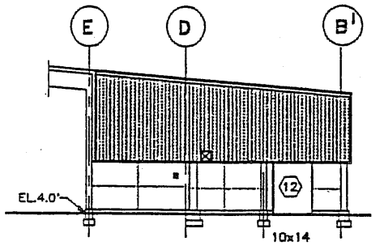
WEST ELEV. (WITH OFFICE)



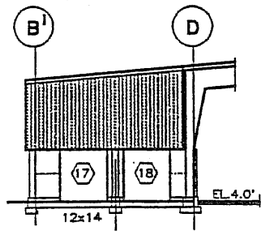
WEST ELEV. (LINE 1)



EAST ELEV. (LINE 23')

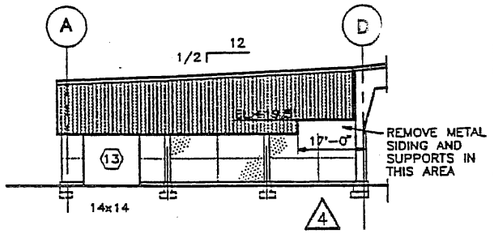


EAST ELEV. (LINE 22)

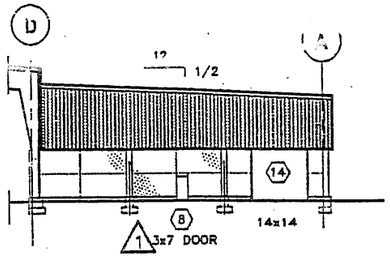


WEST ELEV. (LINE 20)

VEHICLE MAINTENANCE

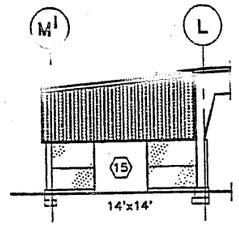


WEST ELEV. (LINE 7)

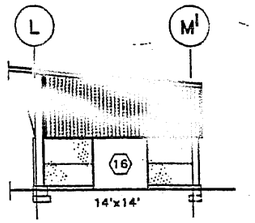


EAST ELEV. (LINE 12)

WOOD & YARD WASTE FACILITY



EAST ELEV. (LINE 10)



WEST ELEV. (LINE 5)

CURBSIDE FACILITY

NOTES:

1. FOR TYPICAL WALL SECTIONS SEE DWG. 302
2. (15) INDICATES DOOR NUMBER SEE DWG. 304
3. FOR WALL PANEL DETAILS SEE DWG. 222, 223 & 224

20 0 20 40
SCALE IN FEET

6	7/29/93	RWC	PLUGGED DOWNSPOUT @ BAYLINE 6
5	7/27/93	RWC	ADDED NOTE TO NORTH ELEVATION
4	7/1/93	RWC	REMOVE SIDING IN WEST ELEV.–LINE 7
3	[illegible]	RWC	REROUTE DOWNSPOUT ON NORTH ELEVATION
2	[illegible]	RWC	SIDING ADDED ON SOUTH ELEVATION
1	[illegible]	RWC	DOOR #8 ADDED TO LINE 12 IN THE WOOD WASTE AREA
0	[illegible]	RWC	ISSUED FOR REFERENCE ONLY–PR–92–13
0	10/26	RWC	APPROVED FOR CONSTRUCTION WOOD & YARD WASTE RELOCATED 50' EAST
D	9/4	RWC	BID PURPOSES
D	8/21	RWC	FOR OWNER REVIEW
D	8/14	RWC	FOR PRE–ENGINEERED BID PURPOSES
C	7/24	RWC	OFFICE ELEVATIONS ADDED
B	7/21	RWC	COMPACTOR ADDITION

JOB No. 78783	DESIGNED:	PROJECT ENGINEER: RWC
SCALE: 1"=20"	DRAWN BY: VCH\RED	APPROVED BY:

URS CONSULTANTS

WESTERN REGION
500 N.E. MULTNOMAH
PORTLAND OREGON

CITY OF SUNNYVALE CALIFORNIA

SMaRT STATION

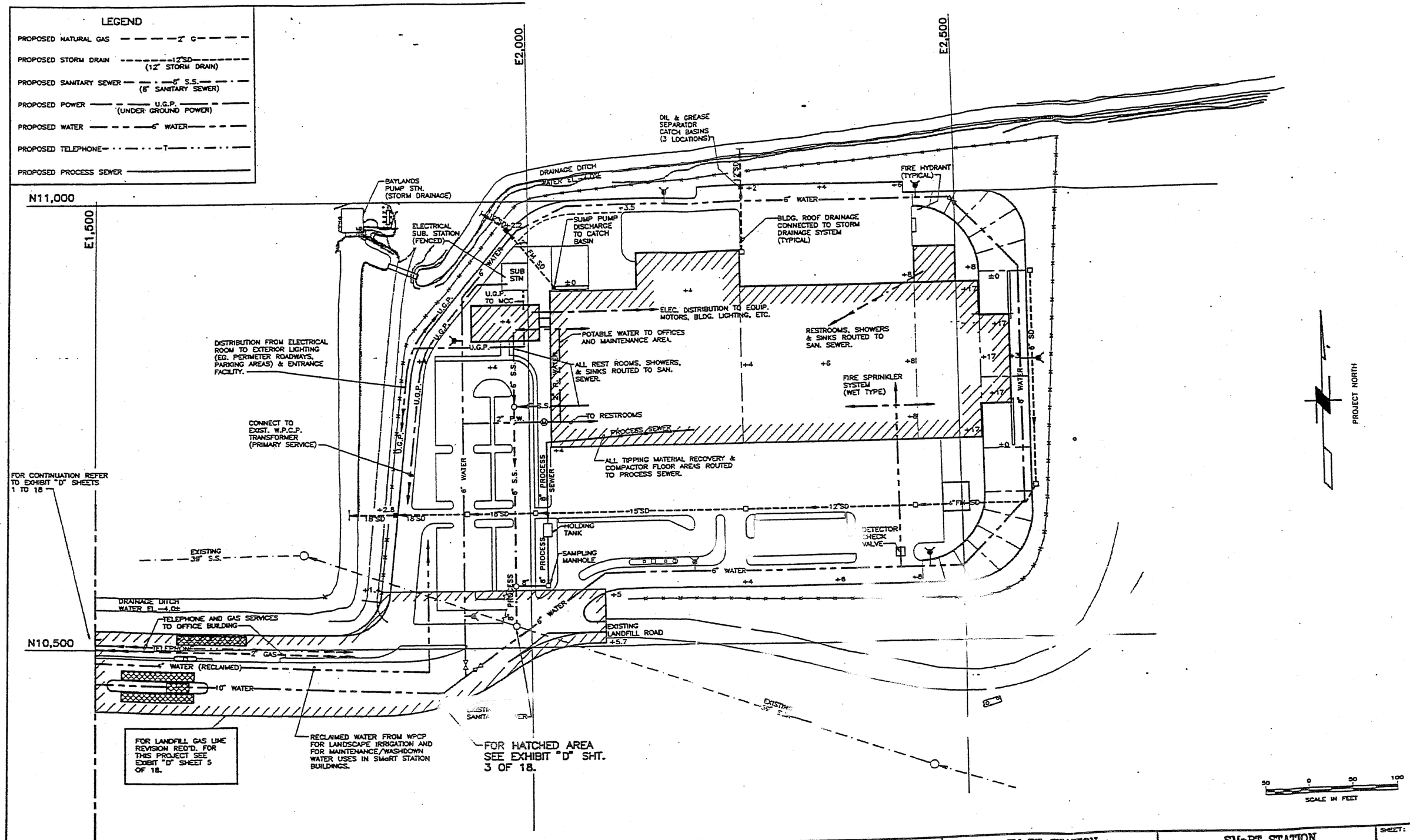
ARCHITECTURAL
MAIN BLDG. EXTERIOR ELEVATIONS

DRAWING NUMBER:

SHEET

ISSUE

FIGURE A-8



No.	DATE	BY	REVISION

JOB No. 78774	DESIGNED:	PROJECT ENGINEER: R.W. CARN	URS CONSULTANTS
SCALE: 1"=50"	DRAWN BY: VCH/H.HOLT	APPROVED BY:	WESTERN REGION 500 N.E. MULTNOMAH PORTLAND OREGON 97232
	CHECKED BY:	DATE: 3/5/92	

SMaRT STATION
SUNNYVALE CALIFORNIA

SMaRT STATION
SITE UTILITIES

SHEET:

FIGURE A-8 SMaRT Station Utilities Plan