CITY OF MILPITAS

WATER SYSTEM AIR RELIEF VALVE MODIFICATIONS
PHASE 2
PROJECT 7086

INDEX SHEET	
SHEET	
1	TITLE, INDEX AND KEYMAP
2	LOCATION PLAN 1
3	LOCATION PLAN 2
4	LOCATION PLAN 3
5	LOCATION PLAN 4
6	VALVE LOCATION CHART
7	VALVE DETAILS A
8	VALVE DETAILS B
9	BLUEPRINT FOR A CLEAN BAY

GENERAL NOTES:

1. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS AND ORDINANCES OF THE CITY OF MILPITAS AND THE STATE STANDARD SPECIFICATIONS DATED JULY 2002. STANDARD DRAWINGS AND DETAILS ARE AVAILABLE AT THE DEPARTMENT OF PUBLIC WORKS ENGINEERING, 408-586-3300.

2. PUBLIC WORKS INSPECTION SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS, 408-586-2884.

3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION TO FIELD LOCATE UTILITIES, CONTACT UNDERGROUND SERVICE ALERT AT 800-642-2444. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 800-624-2444 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES AND OBTAIN A REFERENCE NUMBER.

4. ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON ACTUAL FIELD MEASUREMENTS.

5. CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS INCLUDING FLAGPERSONS PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO THE START OF WORK. THE CITY RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO THE APPROVED PLAN IN THE FIELD.

6. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.

7. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THE CONDITIONS. THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.

8. HAUL ROUTES SHALL BE ONLY ON THOSE STREETS AS PRE-APPROVED BY THE CITY ENGINEER.

9. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION 7-1.011, "SOUND CONTROL REQUIREMENTS" OF THE CALTRANS STANDARD SPECIFICATIONS. FURTHER, BY CITY OF MILPITAS ORDINANCE, THE CONTRACTOR SHALL NOT ENGAGE OR PERMIT OTHERS TO ENGAGE IN ANY CONSTRUCTION RELATED OPERATIONS INCLUDING DELIVERY OF MATERIALS AND/OR EQUIPMENT TO OR FROM THE CONSTRUCTION SITE EXCEPT WITHIN THE HOURS OF 7:00 AM TO 7:00 PM ON WEEKDAYS AND WEEKENDS. NO CONSTRUCTION IS PERMITTED ON THE FOLLOWING HOLIDAYS: NEW YEARS DAY, MARTIN LUTHER KING BIRTHDAY, PRESIDENT'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING, AND CHRISTMAS DAY.

10. THE CONTRACTOR SHALL COMPLY WITH THE CITY'S NON-POINT SOURCE POLLUTION PREVENTION ORDINANCE AND THE STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES (BMP) FOR THIS PROJECT.

11. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE ENGINEER (AND UPDATE AS REQUIRED PER SPECIFICATIONS) FOR APPROVAL AT LEAST 10 DAYS PRIOR TO BEGINNING ANY WORK WITHIN THE CONSTRUCTION SITE.

12. CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF ON QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH VALVE INSTALLATION OR RELOCATION.

13. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN A PROPER CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.

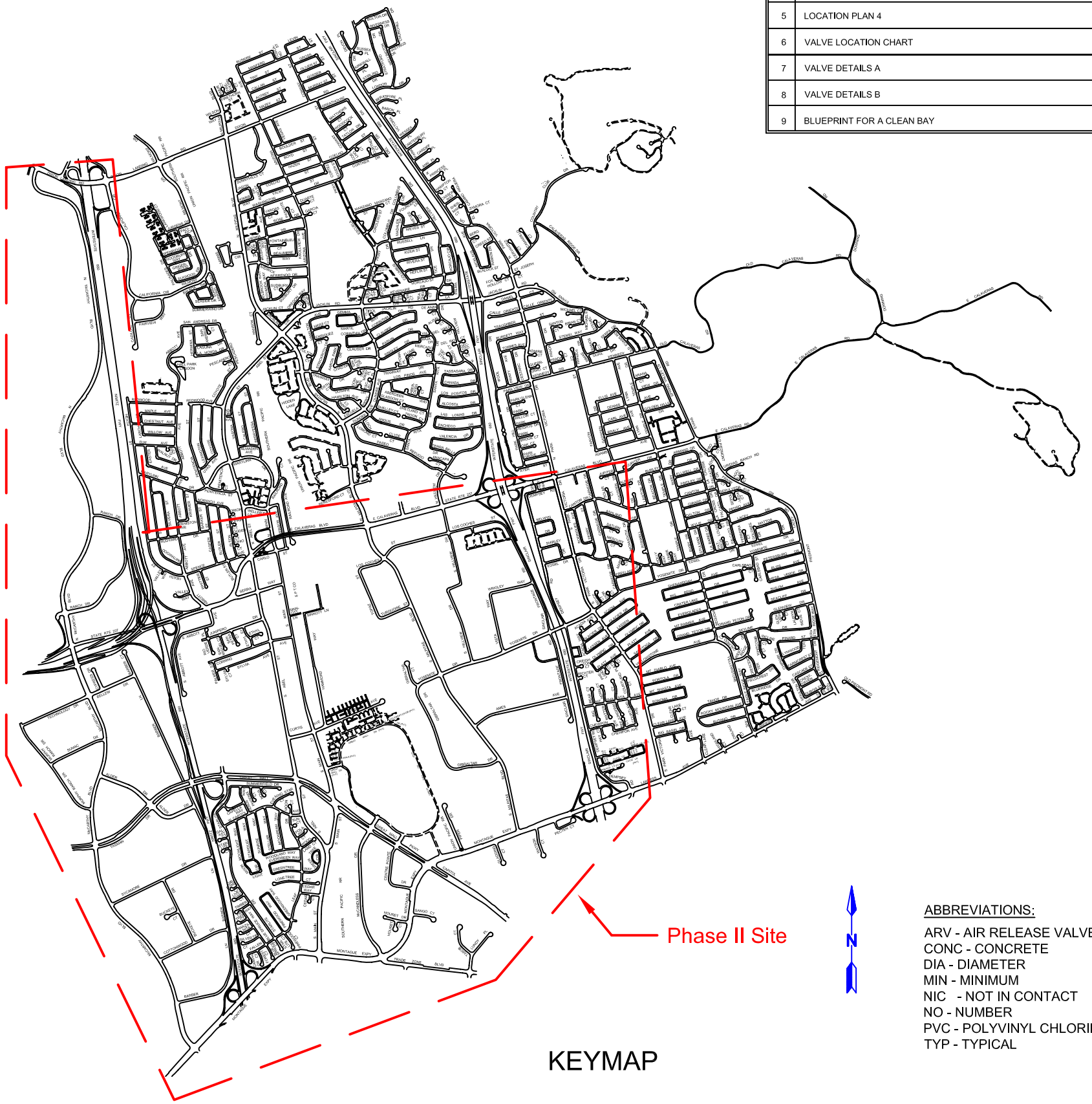
14. ALL RESPONSIBLE REPRESENTATIVES WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WHICH WILL BE SCHEDULED BY THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.

15. THERE WILL BE NO TOTAL OR OVERNIGHT STREET CLOSURES. CONTRACTOR MUST MAKE PROVISIONS TO ALLOW FOR VEHICLE AND PEDESTRIAN THROUGH TRAFFIC AND ACCESS TO ALL SIDEWALKS AND DRIVEWAYS.

16. VALVES AND ENCLOSURES SHALL BE A MINIMUM OF 5' FROM EDGE OF DRIVEWAYS AND FIRE HYDRANTS.

17. CONTRACTOR SHALL NOT OPERATE ANY CITY MAINLINE VALVES WITHOUT PRIOR CONSENT FROM ENGINEER AND NOTIFICATION TO CITY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE.

18, CONTRACTOR SHALL FLUSH EXISTING ARV LINES PRIOR TO INSTALLATION OF NEW HARDWARE.



KEYMAP

ABBREVIATIONS:

ARV - AIR RELEASE VALVE
CONC - CONCRETE
DIA - DIAMETER
MIN - MINIMUM
NIC - NOT IN CONTACT
NO - NUMBER
PVC - POLYVINYL CHLORIDE
TYP - TYPICAL

PROJECT SITE INDEX AND KEYMAP

PROJECT NO. 7086 | SCALE: NTS | SHEET 1 OF 9

CITY OF MILPITAS
ENGINEERING DIVISION
WATER SYSTEM AIR RELIEF VALVE MODIFICATIONS, PHASE 2
PROJECT # 7086

RECOMMENDED FOR BIDDING BY: _____ DATE: _____
Jeff Leung, Acting Principal Civil Engineer

Revisions

Num.	Description	Engr. Apprv.	Date

Drawn By: DE Date: 7/23/07
Checked By: JE Date: ____
Designed By: JE Date: ____

Record Drawings

Project Engineer: _____ Date: ____
Designer: _____ Date: ____
Public Works Inspector: _____ Date: ____
Public Improvements Initially Accepted by the City Council on: _____

*18