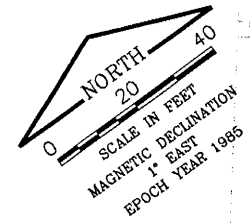
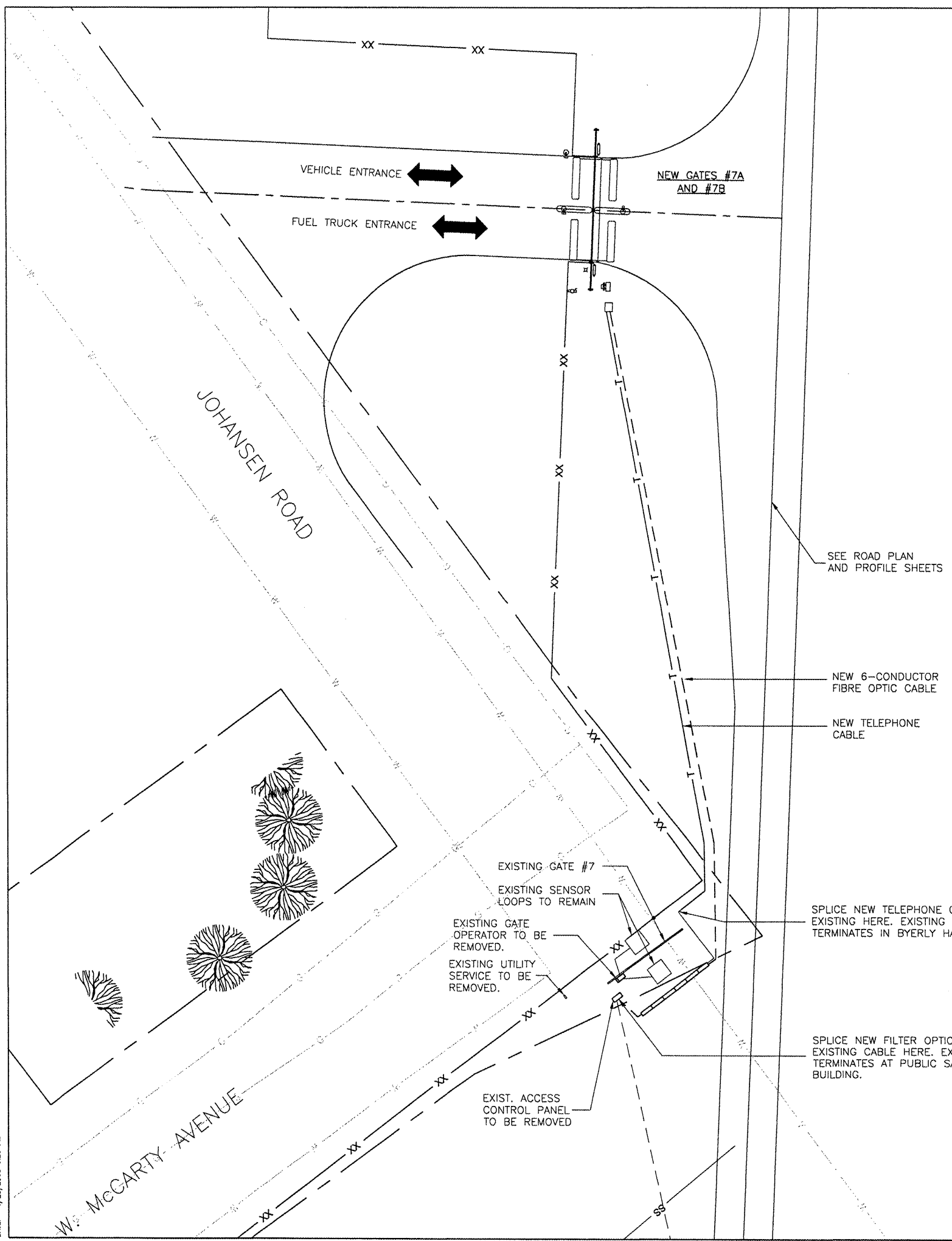


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 DATE: 4/23/2008 6:25 PM



SEE ROAD PLAN AND PROFILE SHEETS

NEW 6-CONDUCTOR FIBRE OPTIC CABLE

NEW TELEPHONE CABLE

SPLICE NEW TELEPHONE CABLES TO EXISTING HERE. EXISTING PHONE CABLE TERMINATES IN BYERLY HANGAR.

SPLICE NEW FIBRE OPTIC CABLE TO EXISTING CABLE HERE. EXISTING TERMINATES AT PUBLIC SAFETY BUILDING.

EXISTING GATE #7  
 EXISTING SENSOR LOOPS TO REMAIN

EXISTING GATE OPERATOR TO BE REMOVED.

EXISTING UTILITY SERVICE TO BE REMOVED.

EXIST. ACCESS CONTROL PANEL TO BE REMOVED

PE086

**NEW GATE 7A AND 7B SUMMARY OF OPERATION**

1. THE GATES SHALL HAVE AN AUTOMATIC GATE OPERATOR WITH TWO PROXIMITY CARD READERS AND REMOTE GATE OPEN CONTROL FROM ACCESS CONTROLLER IN AARF BLDG. ONCE THE GATE IS OPENED IT WILL REMAIN OPEN FOR THE TIME SPECIFIED BY THE OWNER AFTER THE LOOP PICKUPS DETERMINE THAT THERE ARE NO VEHICLES OVER THE PICKUP LOOPS.
2. ACTUATING THE GATE OPENS VIA THE CARD READER REQUIRES THE VEHICLE TO APPROACH THE GATE ENTRANCE AND STOP. THE DRIVER ACTIVATES THE GATE OPERATOR BY SWEEPING HIS CARD. THE ACCESS CONTROL DEVICE TRANSMITS AN IMPULSE TO ACTIVATE THE GATE OPERATOR TO OPEN THE GATE. AFTER THE GATE IS FULLY OPENED AND STOPPED, THE VEHICLE PROCEEDS THROUGH THE OPENING, PASSING OVER THE LOOPS. WHILE THE VEHICLE IS IN THE LOOP SENSING RANGE, AN IMPULSE IS TRANSMITTED TO THE GATE OPERATOR TO HOLD THE GATE IN THE OPEN POSITION. WHEN THE LOOP HAS BEEN CLEARED, THE AUTOMATIC TIMER IS ACTIVATED AND, WHEN THE USER-DETERMINED TIME HAS ELAPSED, IT WILL ACTIVATE THE GATE OPERATOR TO CLOSE THE GATE.
3. THE DRIVER MAY ALSO USE THE INTERCOM TO CONTACT THE BYERLY HANGAR TO OPEN THE GATE.

**NOTES:**

1. THE CONTRACTOR IS TO LOCATE ALL UTILITIES BEFORE DIGGING.
2. CABLES DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT.

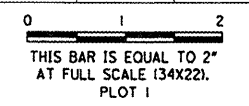
**LEGEND**

- x — EXISTING FENCE
- xx — NEW FENCE

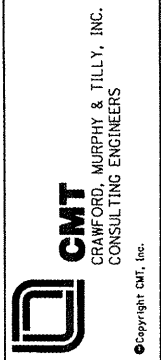
**EXISTING GATE #7 REMOVAL NOTES**

- EXISTING GATE #7 REMOVALS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
- UTILITY SERVICE.
  - CANTILEVER GATE OPERATOR. CONTRACTOR SHALL TURN OVER TO THE OWNER.
  - ACCESS CONTROLLER. CONTRACTOR SHALL TURN OVER TO THE OWNER.
  - CANTILEVER SLIDE GATE. CONTRACTOR SHALL TURN OVER TO THE OWNER.
  - CARD READERS AND INTERCOM. CONTRACTOR SHALL TURN OVER TO THE OWNER.
  - ALL ABOVE-GRADE SUPPORT POSTS, CONDUIT, CONCRETE FOOTINGS, BOLLARDS, ETC.

REVISIONS		
NUMBER	BY	DATE



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



**IL PROJECT: PIA-3343**  
**AIP PROJ: 3-17-0080-XX**

FILE:	SFILES
DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

GATE LAYOUT SHEET 2 OF 2