



- LEGEND:**
- RS-232, RS-422, RS-485 CABLES
 - ETHERNET FIBER-OPTIC STAR NETWORK CONTROLLED BY DEARMAN SYSTEMS
 - ETHERNET CAT5 CABLE
 - FIBER OPTIC PATCH CABLE
 - [Symbol] FIBER OPTIC TO ETHERNET CONVERTER ALLIED TELESYN NO. AT-8028FC-10.
 - [Symbol] VFC BOXES (6 EA.) ARE GREY PANDUIT CAT NO. CBXF121G V/8 EA. ON SITE AND 6 EA. CM816-X ST TYPE TERMINATION
 - DEU DRIVER ENTRY UNIT

- NOTES:**
1. THE FIBER OPTIC CABLE SHALL BE LOOSE TUBE, SINGLE JACKET, MULTI-MODE 82.5/125 μm ANNIER 370-082-ALTO1ST-0, CORNING-D 06834-14130A20 0-F 82.5/125 μm BUST/AERIAL, 3.5/LD 08/04 200/500 MH-P/M ALTO1ST 1 TUBE ANDYER 370-082-ALTO1ST-0R, CORNING D08 5K4-14130A20 2 TUBE FOR 8 FIBER.
 2. DISTANCES TO BE VERIFIED BY ELECTRICAL CONTRACTOR.
 3. 24 PORT ETHERNET SWITCH IS ALLIED TELESYN PART NO. AT-8224XL-SC PLUS AT-417 EXPANSION MODULE.
 4. CHEVRON TO VERIFY LENGTH OF ALL RUNS, LENGTH OF RUN FOR CAT 6 MUST BE UNDER 325 FT.
 5. CISCO 1720 ROUTER WITH T1 FRAME-RELAY AND 10/100 ETHERNET PORTS.
 6. 28 PORT ETHERNET SWITCH IS ALLIED TELESYN PART NO. AT-8028FC-10.

DRAWING ISSUED			
_____ FOR REVIEW	_____ FOR BID	_____ FOR APPROVAL	_____ FOR CONSTRUCTION
_____ FOR REFERENCE	_____ FOR AS-BUILT	_____ FOR PERMIT REQUEST	

REFERENCE DRAWINGS	

REVISIONS	

Chevron
Pipe Line

SCALE NONE DATE 10/2002
 DR. DAF CH. IRB DR. APP. ENGR. VHE
 12/2002

APPROVED COST CODE

BLOCK DIAGRAM	
COMMUNICATION BLOCK DIAGRAM	
PASCO	
TERMINAL MANAGEMENT SYSTEM UPGRADE PROJECT	
WAF052-P-01102	0