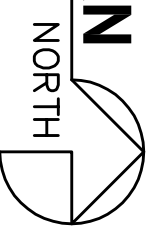


**MECHANICAL PIPING RENOVATION PLAN**

SCALE: 1/8" = 1'-0"



**SUBMERSIBLE PUMP SCHEDULE**

NO.	FUEL COMPATIBLE	ADJUSTMENT LENGTH RANGE	HORSEPOWER	ELECTRICAL		MANUFACTURER/ MODEL
				V	PH HZ	
P-001	DIESEL	90"-150"	3/4 HP	115	1	FE PETRO CO./STP75-W12
P-002	UNLEADED	90"-150"	3/4 HP	115	1	FE PETRO CO./STP75-W12

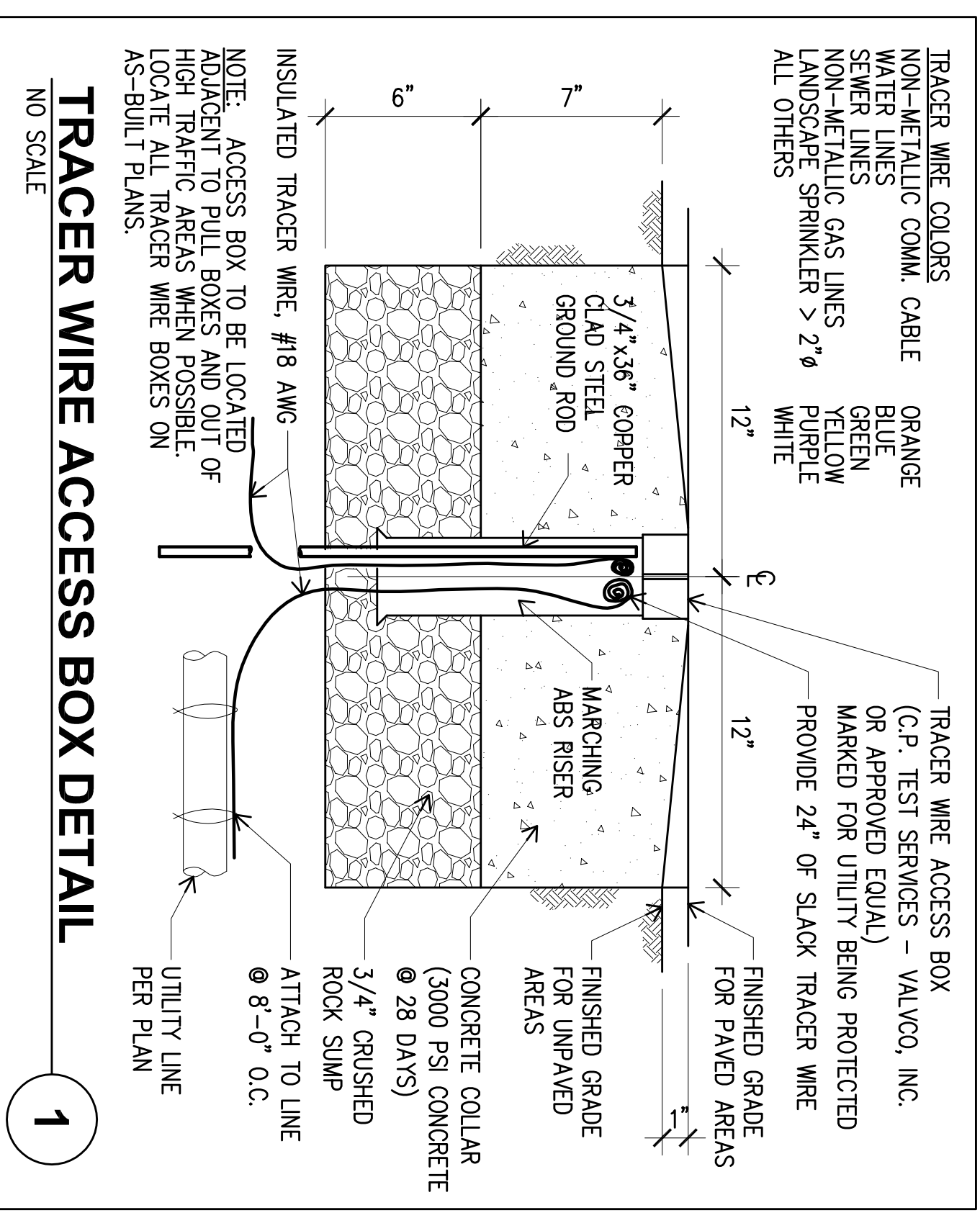
**FUEL DISPENSER SCHEDULE**

NO.	MANUF.	MODEL	FUEL	PERFORMANCE RANGE	HOSE CONFIGURATION
D-001					
D-002	GASBOY	9853 SERIES	DIESEL/ UNLEADED	15 TO 26 GPM	DOUBLE
D-003					
D-004					

- NOTES:**
- INTERFACE CAPABILITY WITH CARD-ACTIVATED TRAK & VEEDER-ROOT T1S-350 FUEL MANAGEMENT SYSTEMS.
  - LARGE 1" BACKLIT LCD DIGITAL DISPLAY.
  - ELECTRONIC TOTALIZATION.
  - POSITIVE DISPLACEMENT METER.
  - 1"X1/2" RETRACTABLE HOSE.
  - DISPENSER TO BE SET UP FOR STAGE-2 VAPOR RECOVERY TO INCLUDE: NOZZLE, COAXIAL HOSE, SPLITTER VALVE, BOOT, MINI-JET CENTRAL VACUUM PUMP 9000 SERIES BY HEALY AND ALL PARTS NECESSARY FOR A COMPLETE OPERATION.
  - DISPENSER SHALL BE PAINTED WHITE AND HAVE CHROME FINISH.

**KEY NOTES**

- COORDINATE LOCATION OF TANK WITH ALL OTHER TRADES.
- EDGE OF NEW CONCRETE APRON EXTENSION. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- NEW CONCRETE HOUSING/KEEPING PAD FOR NEW ABOVEGROUND TANK. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- NEW 12,000 GALLON TOTAL DUAL PRODUCT (8,000 UNLEADED/4,000 DIESEL) UL-2085 ABOVEGROUND DOUBLE WALLED STEEL TANK ON SKID. COMPLETE WITH SUBMERSIBLE PUMPS, PIPING, VENTING, LEVEL CONTROLS, INTERSTITIAL MONITORING, PORTABLE FIRE EXTINGUISHER, DISPENSERS, SPILL CONTAINMENT PROTECTED FILL SYSTEM, MECHANICAL LEAK/LEVEL INDICATORS, OIL SPILL KIT IN CABINET AND SIGNAGE/DECALS COMPLYING WITH NFPA 30A. TANK SHALL BE FACTORY PAINTED WHITE.
- NEW GASBOY DOUBLE HOSE, DUAL PRODUCT UNLEADED/DIESEL FUEL DISPENSER WITH DIGITAL DISPLAY AND ABOVE GROUND SECONDARY SPILL CONTAINMENT PLATFORM, MOUNT DISPENSER SO THAT (2) DISPENSER DISPLAY SCREENS FACE WEST AND (2) DISPENSER DISPLAY SCREENS FACE EAST. REFER TO SCHEDULE ON THIS SHEET FOR MORE INFORMATION.
- FILL PORT HEIGHT TO BE COORDINATED AND DETERMINED BY FUEL TANK MANUFACTURER & TANK INSTALLER.
- FILL PORT FOR TANK WITH SPILL CONTAINMENT BOX AND STAGE-1 VAPOR RECOVERY INCLUDING MINI-LET CENTRAL VACUUM PUMP 9000 SERIES BY HEALY AND ALL PARTS NECESSARY FOR A COMPLETE OPERATION.
- PROVIDE OVER-FILL ALARM, CENTER BETWEEN FILL BOXES AND MOUNT @ 54" AFF.
- PROVIDE NEW FE PETRO LEVEL/LEAK MONITOR AND PUMP STARTER ENCLOSURE, MOUNT ON WALL AT 54" AFF, COORDINATE WITH ELECTRICAL TRADE.
- PROVIDE NEW 1/2" DOW LINE, CONNECT TO EXISTING WATER LINE OVERHEAD, ROUTE TO AIR/WATER CABINET.
- PROVIDE NEW 1/2" CA CONNECTION TO EXISTING CA VALVE, ROUTE TO AIR/WATER CABINET.
- PROVIDE COMBINATION AIR/WATER CABINET.
- RE-INSTALL EXISTING RELOCATED TRAK SYSTEM CARD READER SALVAGED FROM DEMO, COORDINATE WITH ELECTRICAL TRADE.
- PROVIDE NEW TRAK CARD READER, INTEGRATE WITH EXISTING TRAK SYSTEM, COORDINATE WITH ELECTRICAL TRADE.
- PROVIDE NEW VEEDER-ROOT CONTROL PANEL, MOUNT ON WALL AT 54" AFF, COORDINATE WITH ELECTRICAL TRADE.



**TRACER WIRE ACCESS BOX DETAIL**

NO SCALE

1

<p><b>RICHEY BLVD. FUEL TANK REPLACEMENT</b></p> <p><b>PIMA COUNTY</b> FACILITIES MANAGEMENT 150 WEST CONGRESS, 5TH FL. TUCSON, AZ 85701</p>	<p>2051 W. SUNSET RD. SUITE NO. 101 TUCSON, ARIZONA 85704</p> <p>TEL: (520) 293-1488 FAX: (520) 293-6349 WWW.M3ENGP.COM</p> <p>ARCHITECTURE ENGINEERING CONSTRUCTION MANAGEMENT</p>	<p><b>Revisions</b></p> <table border="1"> <thead> <tr> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p>Drawn: AN Checked: WB Issue Date: 12-17-2010</p> <p>Drawing Title <b>MECHANICAL PIPING RENOVATION PLAN</b></p> <p>Sheet Number <b>MP101</b></p> <p>M3PN 100100 Last Update: 7.1.2011</p>	Description	Date												
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