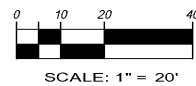


PARTIAL SITE PLAN - FUEL PIPING LAYOUT

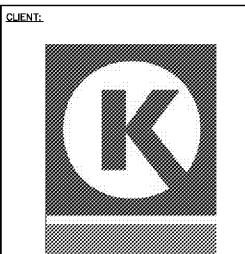


TANK, PIPING & INSTALLATION NOTES:

- ALL NEW PETROLEUM EQUIPMENT, MATERIALS, AND ACCESSORIES SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH APPLICABLE MANUFACTURER'S INSTRUCTIONS.
- ALL TANK AND PIPING INSTALLATION WORK IS TO BE PERFORMED BY A STATE REGISTERED POLLUTANT STORAGE SPECIALTY CONTRACTOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE, COUNTY AND MUNICIPAL REQUIREMENTS---THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL FIRE CODE, AND THE FOLLOWING REFERENCE STANDARDS:
 NATIONAL FIRE PROTECTION ASSOCIATION:
 30 FLAMMABLE AND COMBUSTIBLE LIQUID CODE
 304 AUTOMOTIVE SERVICE STATION CODE
 70 NATIONAL ELECTRIC CODE
 AMERICAN PETROLEUM INSTITUTE:
 1615 INSTALLATION OF UNDERGROUND PETROLEUM STORAGE SYSTEMS
 1604 RECOMMENDED PRACTICE FOR ABANDONMENT OR REMOVAL OF USED U.G. STORAGE TANKS
 PETROLEUM EQUIPMENT INSTITUTE:
 RPI00 RECOMMENDED PRACTICES FOR INSTALLATION OF U.G LIQUID STORAGE TANKS
 OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION:
 CONSTRUCTION SAFETY AND HEALTH REGULATIONS SUBPART P, 1902.50 THRU 1926.653
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING UNDERGROUND UTILITIES IDENTIFICATION BY CONTACTING ONE CALL (811) AND APPLICABLE MUNICIPAL JURISDICTION AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING REQUIRED NOTICE(S) AND SCHEDULING APPLICABLE CITY, COUNTY AND/OR STATE INSPECTIONS AS REQUIRED FOR PERMIT CLOSE OUT(S).

SCOPE OF WORK:

- PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE INSTALLATION OF NEW FUEL STORAGE TANKS, PRODUCT PIPING, DISPENSERS, AND MISC. ACCESSORIES AS DETAILED HERE-IN SHEETS TA-0 THROUGH TA-7, SUMMARIZED AS FOLLOWS:
- SHORE (SHEETPILE) TANK HOLE; PREP HOLE & PLACE ANCHOR, SET DEADMEN, PLACE 12" MIN. TANK BED, SET TANKS, ANCHOR & BACKFILL (1) NEW 20K D/W FIBERGLASS DIESEL TANK AND (1) NEW 6K D/W FIBERGLASS DEF TANK. INSTALL NEW SUNSHADES, VAPOR, VENT, THERMINE, GAUGE AND LEAK DETECTION EQUIPMENT AND STATIC GROUNDING CONNECTIONS.
 NOTE: TANKS, PIPING AND ALL PETROLEUM EQUIPMENT AND ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE. SEE SHEETS TA-4 & TA-5
 - NEW DISPENSER CONTAINMENT BOXES PER PLAN; INSTALL DOUBLE-WALL POLY PRODUCT LINES FROM NEW TANK STATION TO EACH CONTAINMENT BOX; PIPE NEW CONTAINMENT BOXES TO RECEIVE NEW DISPENSERS; AND TEST.
 NOTE: STAGE II UNDERGROUND PIPING WILL NOT BE INSTALLED. NEW DISPENSERS WILL NOT BE STAGE II EQUIPPED.
 - INSTALL NEW VENT RISER RACK ASSEMBLY; ROUTE NEW SINGLE WALL VENT PIPING FROM TANKS TO NEW SCHEDULE 40 VENT RISER.
 - INSTALL NEW CONDUITS AND WIRING FROM TANK FARM AND EACH DISPENSER LOCATION. CONNECT TO STP, DISPENSER, AND FUEL EQUIPMENT CIRCUITS INSIDE BUILDING.
 - EXISTING VEEDER-ROOT MONITORING SYSTEM TO REMAIN. INSTALL NEW TANK LEVEL GAUGES; ANNULAR SPACE SENSORS; STP SUMP SENSORS; WIRING, AND CONNECTIONS AT NEW TANKS/DISPENSERS
 NOTE: VEEDER-ROOT T1S-450, PROBES AND ACCESSORIES TO BE PROVIDED BY CIRCLE K AND INSTALLED BY CONTRACTOR. SEE SHEETS TA-4 & TA-5.
 - SET NEW MANHOLES AND PRODUCT ID; FORM & POUR NEW TANK SLAB.
 - SET & CONNECT NEW OWNER FURNISHED FUEL DISPENSERS (1) EACH (MASTER/DEF) DISPENSER, (2) (MASTER/SATELLITE/DEF) DOUBLE-SIDED DIESEL DISPENSERS AND (1) SATELLITE DISPENSER, AS NOTED. INSTALL OWNER FURNISHED NEW HOSES, NOZZLES, BREAKAWAYS, STARTUP, PURGE, & CALIBRATE.
 - (1) NEW EMERGENCY STOP DISCONNECT TO BE INSTALLED WITHIN 100 FT. OF TRUCK FUEL DISPENSERS. EXISTING E-STOPS AT CASHIER SALES STATION INSIDE BUILDING, AND AT AUTO DISPENSING AREA TO REMAIN.
 - INSTALL NEW NFPA 30A 2.2.5.4 WARNING SIGNS --- "NO SMOKING, STOP MOTOR..." @ EACH DISPENSER/ISLAND AS OCCURS.
 NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
 - INSTALL NEW NFPA 30A 2.2.5.2/NFPA 10, 5.5.1.1.2- 10# ABC 4A80BC UL LISTED PORTABLE FIRE EXTINGUISHERS WITHIN SURFACE MTD. CABINET, LINE 14-4272 OR EQUAL. LOCATE 100' OF EACH DISPENSER AND FILL PIPE OPENINGS.
 NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.



CIRCLE K STORES, INC.
 SOUTH ATLANTIC DIVISION
 215 PENDLETON ST
 WAYCROSS, GA 31501
 PHONE: (912) 285-4011

DESIGN TEAM:
MDM SERVICES, INC.
 engineering • construction • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 (883) 646-8130
 #004857

TANK & PIPING PLANS & SPECIFICATIONS

NO.	DATE	REVISION DESCRIPTION

RICHARD B. MOORE, P.E.
 GA REG # 33977
 SITE ADDRESS:
CIRCLE K

**1717 E 16th AVE.
 CORDELE, CRISP COUNTY
 GEORGIA**

SCALE:	MDM JOB # 20183
DATE:	9/01/2020
DESIGNED BY:	
DRAWN BY:	FILE NAME:
CHECKED BY:	

DRAWING TITLE:
SITE FUEL PIPING PLAN
 SHEET NO.:
TA2.1

