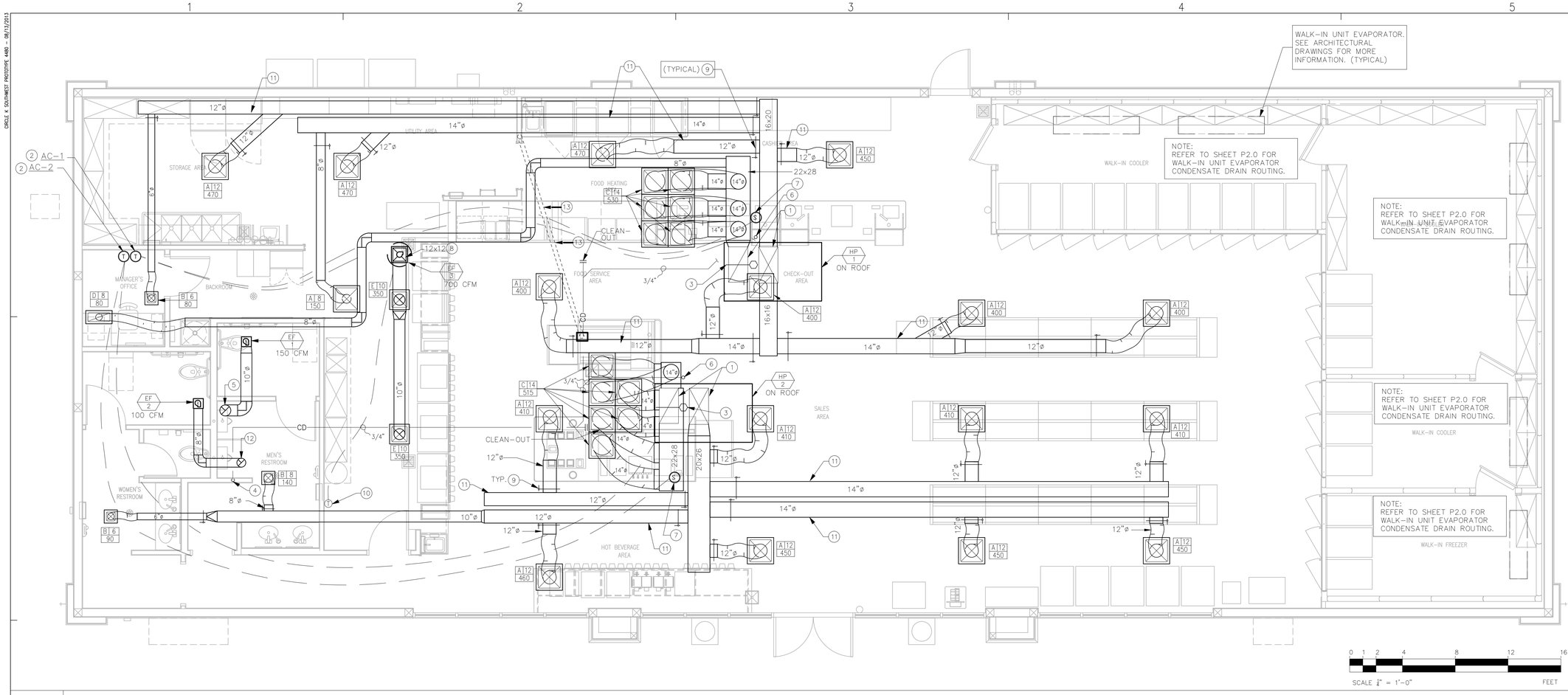
CIRCLE K SOUTHWEST PROTOTYPE 4480 - 08/13/2013



M1 MECHANICAL FLOOR PLAN

1/4"=1'-0"

FOR BID ONLY

GENERAL NOTES

1. ALL DIFFUSERS ARE 4-WAY UNLESS OTHERWISE SPECIFIED.

KEYED NOTES

1. FULL SIZE SUPPLY AND RETURN AIR DUCTS DOWN THROUGH ROOF FROM AC UNIT.
2. PROGRAMMABLE THERMOSTAT WITH REMOTE TEMPERATURE SENSOR.
3. DUCT SMOKE DETECTOR TO SHUT DOWN UNIT UPON DETECTION.
4. 3/4" CONDENSATE DRAIN LINE DOWN IN WALL TO LAVATORY TAILPIECE.
5. 10"ø TOILET EXHAUST AIR DUCT UP THROUGH ROOF TO CAP. LOCATE CAP 10'-0" AWAY FROM ANY FRESH AIR INTAKES.
6. 3/4" CONDENSATE DRAIN LINE DOWN THROUGH ROOF TO CEILING SPACE.
7. REMOTE TEMPERATURE SENSOR IN RETURN AIR DUCT.
8. 12"x12" EXHAUST AIR DUCT UP THROUGH ROOF TO EF-3.
9. MANUAL BALANCING DAMPER. BALANCE TO CFM NOTED.
10. T-STAT. SET TO 85° F. INTERLOCK WITH EF-3.
11. ROUTE ALL DUCTWORK WITHIN THE TRUSSES UNLESS OTHERWISE SPECIFIED (TYPICAL).
12. 8"ø TOILET EXHAUST AIR DUCT UP THROUGH ROOF TO CAP. LOCATE CAP 10'-0" AWAY FROM ANY FRESH AIR INTAKES.
13. MECHANICAL CONTRACTOR SHALL INSTALL A 4" DIAMETER PVC PIPE, SCHEDULE 40, FROM TOP OF SLAB, DOWN BELOW SLAB, OVER TO DELI CASE AND TERMINATE AT SLAB WITH PULL STRING AS SHOWN. THE REFRIGERANT PIPING WILL BE INSTALLED IN THIS PIPE SLEEVE. CONTRACTOR SHALL PROVIDE LONG RADIUS TYPE SWEEP ELBOWS AS REQUIRED. MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR THE TIMING OF THIS INSTALLATION. PIPING SHALL BE CAPPED AT OPEN ENDS AS SOON AS IT IS INSTALLED TO PREVENT DIRT, DEBRIS, AND WATER FROM COLLECTING INSIDE OF PIPE. COORDINATE TERMINATION POINT AT SLAB WITH DELI CASE INSTALLATION INSTRUCTIONS. MECHANICAL CONTRACTOR SHALL COORDINATE ELEVATION OF PIPE BELOW SLAB WITH PLUMBING UTILITIES.
14. PROVIDE 3" UNDERCUT ON DOOR.

Drawing Name: P:\2013\20130780\CAD\Mechanical Construction Documents AT #2\Fountain and Academy Convenience Store\Produced\20130780-M2.0-CS.dwg Last Modified: Jan 19, 2015 - 3:56pm Plotted on: Jan 19, 2015 - 1:08pm by Alador

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
01/19/15	PERMIT SET

PROFESSIONAL SEAL

COLORADO LICENSED PROFESSIONAL ENGINEER
PE 0048031
Signed: 01/19/15

PROFESSIONAL IN CHARGE
ERIC WOLF

PROJECT MANAGER
ALEX ADAIR

QUALITY CONTROL
DARCY HASBERRY

DRAWN BY
ALEX ADAIR

PROJECT NAME

CIRCLE K STORES, INC.

COLORADO SPRINGS COLORADO

E. FOUNTAIN BLVD & ACADEMY PARK LOOP

CIRCLE K STORES INC.

PROJECT NUMBER
20130780

SHEET TITLE
MECHANICAL FLOOR PLAN

SHEET NUMBER
M2.0-CS