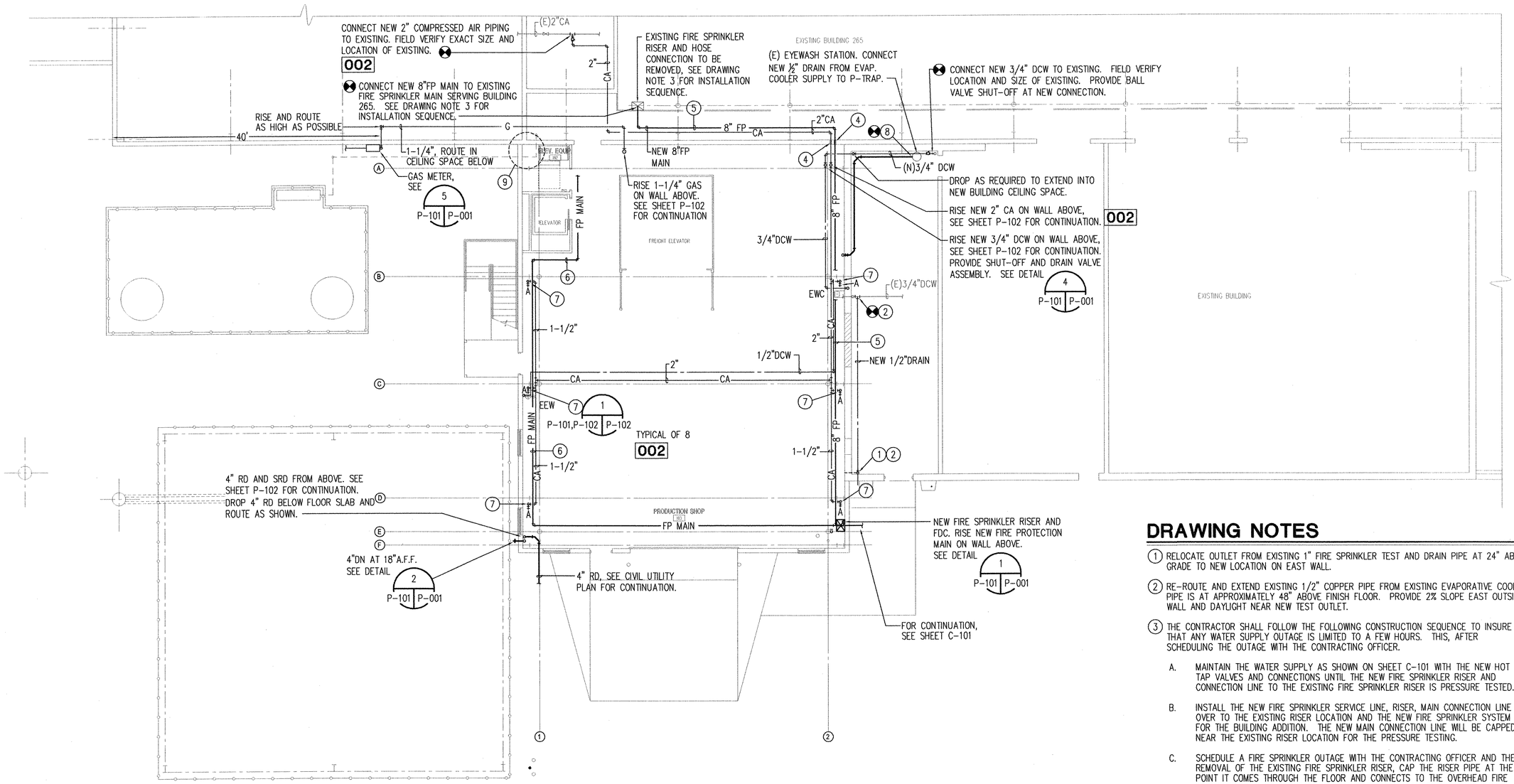

FIRST FLOOR PLUMBING / FIRE PROTECTION PLAN

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

10 5 0 10 20

NOTE: ITEMS IDENTIFIED WITH 002 SHALL BE PART OF BID LINE ITEM 002.

DRAWING NOTES

(1) RELOCATE OUTLET FROM EXISTING 1" FIRE SPRINKLER TEST AND DRAIN PIPE AT 24" ABOVE GRADE TO NEW LOCATION ON EAST WALL.

(2) RE-ROUTE AND EXTEND EXISTING 1/2" COPPER PIPE FROM EXISTING EVAPORATIVE COOLER. PIPE IS AT APPROXIMATELY 48" ABOVE FINISH FLOOR. PROVIDE 2% SLOPE EAST OUTSIDE WALL AND DAYLIGHT NEAR NEW TEST OUTLET.

(3) THE CONTRACTOR SHALL FOLLOW THE FOLLOWING CONSTRUCTION SEQUENCE TO INSURE THAT ANY WATER SUPPLY OUTAGE IS LIMITED TO A FEW HOURS. THIS, AFTER SCHEDULING THE OUTAGE WITH THE CONTRACTING OFFICER.

A. MAINTAIN THE WATER SUPPLY AS SHOWN ON SHEET C-101 WITH THE NEW HOT TAP VALVES AND CONNECTIONS UNTIL THE NEW FIRE SPRINKLER RISER AND CONNECTION LINE TO THE EXISTING FIRE SPRINKLER RISER IS PRESSURE TESTED.

B. INSTALL THE NEW FIRE SPRINKLER SERVICE LINE, RISER, MAIN CONNECTION LINE OVER TO THE EXISTING RISER LOCATION AND THE NEW FIRE SPRINKLER SYSTEM FOR THE BUILDING ADDITION. THE NEW MAIN CONNECTION LINE WILL BE CAPPED NEAR THE EXISTING RISER LOCATION FOR THE PRESSURE TESTING.

C. SCHEDULE A FIRE SPRINKLER OUTAGE WITH THE CONTRACTING OFFICER AND THE REMOVAL OF THE EXISTING FIRE SPRINKLER RISER, CAP THE RISER PIPE AT THE POINT IT COMES THROUGH THE FLOOR AND CONNECTS TO THE OVERHEAD FIRE SPRINKLER MAIN NEAR THE ELEVATION OF THE NEW CONNECTION MAIN. TEST THE COMPLETED SYSTEM AND RETURN THE COMPLETE FIRE SPRINKLER SYSTEM TO SERVICE.

(4) THE EXISTING WALL OF THE BUILDING 265 IS CONSTRUCTED WITH CORRUGATED ASBESTOS CEMENT SIDING. DO NOT CUT, SAW OR DRILL THROUGH THE MATERIAL. COORDINATE NEEDED OPENINGS WITH THE CONTRACTING OFFICER AND AN ASBESTOS CONTRACTOR WILL BE BROUGHT IN TO CUT OR DRILL THE SIDING, WHILE TAKING THE APPROPRIATE SAFETY MEASURES.

(5) ROUTE NEW 8" FP CONNECTION MAIN JUST BELOW SECOND FLOOR. IT SHALL BE ABOVE THE LEVEL OF BOTTOM CHORD OF THE FLOOR JOISTS AND WILL BE ROUTED THROUGH GIRDERS WHERE REQUIRED. CONNECT TO EXISTING 8" MAIN AT THE SAME ELEVATION INSIDE BUILDING 265.

(6) ROUTING OF FIRE PROTECTION MAIN TO SERVE NEW BUILDING. INSTALL AS HIGH AS POSSIBLE. ROUTE NEW BRANCH PIPING NORTH AND SOUTH ALONG BOTTOM CHORD OF FLOOR JOISTS.

(7) DROP 1-1/2" CA ON COLUMN TO 48" A.F.F. AND PROVIDE CA OUTLET STATION.

(8) CONNECT NEW 1-1/2" WASTE SERVING NEW ELECTRIC WATER COOLERS TO EXISTING 2" WASTE NEAR EXISTING EYE WASH STATION.

(9) SEE NOTE 1 ON SHEET M-101.

LICENSED PROFESSIONAL ENGINEER No. 154099 B. BRYCE GARDNER STATE OF UTAH

12/5/07

DESCRIPTION	DATE	APPR	MARK

DESIGNED BY: R. KESLER
DRAWN BY: C. MANSON
CHECKED BY: B. GARDNER
PROJECT NUMBER: KRSM 052030
GOVERNMENT REVIEWER: -

HILL AIR FORCE BASE
DEPARTMENT OF THE AIR FORCE
OGDEN AIR LOGISTICS CENTER
75TH CIVIL ENGINEERING SQUADRON

CONSTRUCT 2 STORY ADDITION
EAST SIDE BUILDING 265

FIRST FLOOR
PLUMBING / FIRE PROTECTION PLAN

P-101

SHEET 41 OF 54