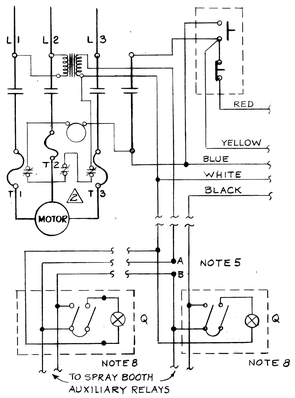
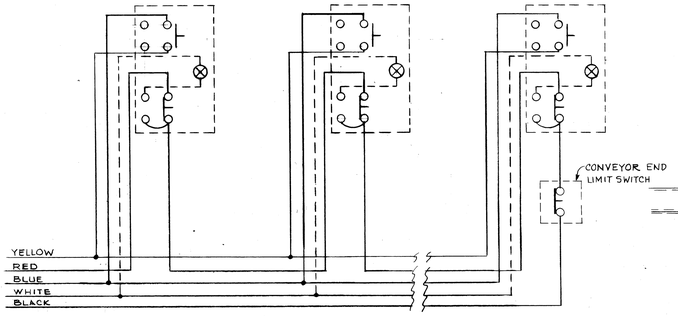
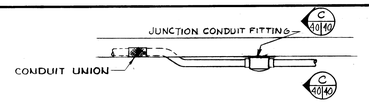


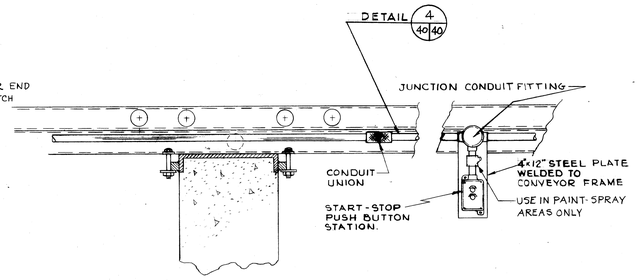
COMB. MAGNETIC STARTER & CONTROL FOR CONVEYOR DRIVE (DRIVE END)



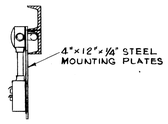
CONTROL STATION WIRING DETAIL
(---OMIT IF NO PILOT REQUIRED)



TOP VIEW
DETAIL 4 / 40/40
NTS



CONTROL STATION DETAIL 3 / 40/40
N.T.S.



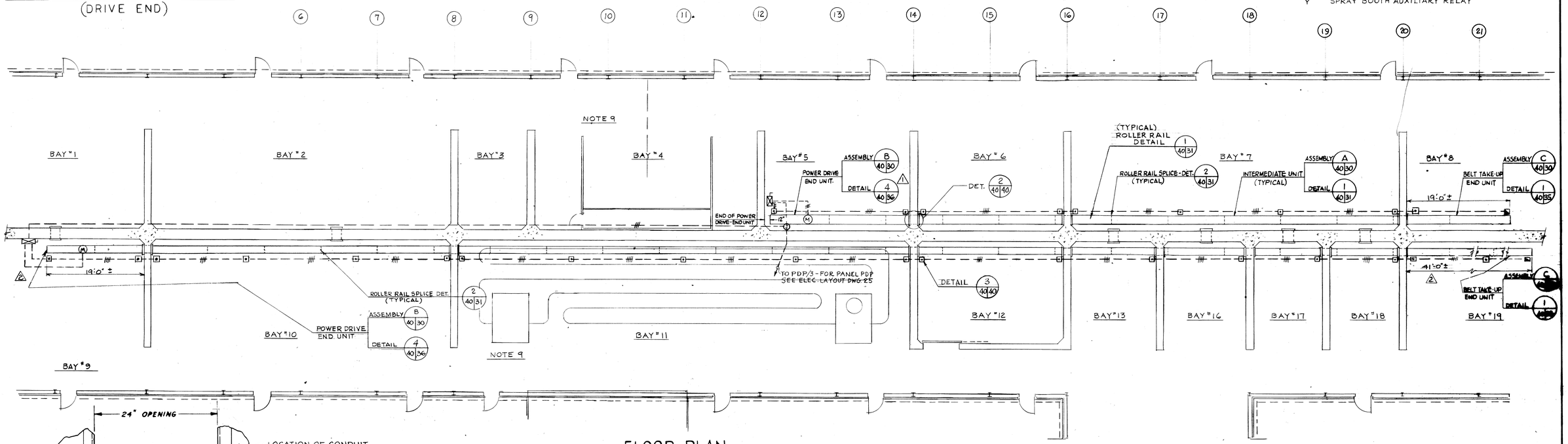
SIDE VIEW
SECTION C 40/40
N.T.S.

NOTES

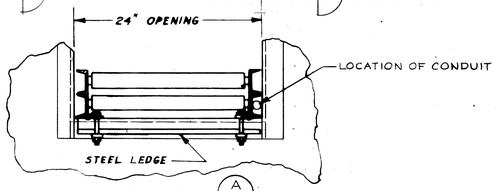
1. CONVEYOR WILL "STOP" WHEN MECHANICALLY HELD "STOP" BUTTON IS DEPRESSED.
2. TO RESTART CONVEYOR, DEPRESS "START" BUTTON AT SAME STATION ONLY.
3. PILOT, IF REQUIRED, WILL INDICATE STATION "STOP" BUTTON DEPRESSED.
4. PILOT LIGHT FOR "Q" CONTROLS WILL BE "ON" WHEN FAN-PRESSURE BY-PASS SWITCH IS IN CLOSED POSITION.
5. WHEN ONLY ONE AUXILIARY RELAY IS REQUIRED, JUMP TERMINALS A & B AND DISCONNECT WIRING TO OTHER AUX. RELAY AS SHOWN.
6. "START" BUTTON OF POWER CONVEYOR CONTROL STATION IS OF MOMENTARY CONTACT TYPE.
7. "STOP" BUTTON OF POWER CONVEYOR CONTROL STATION IS OF MAINTAINED CONTACT TYPE.
8. FAN PRESSURE BY-PASS SWITCH & PILOT LIGHT, KEY OPERATED, 2 POLE TOGGLE, ONE FOR EACH SPRAY BOOTH.
9. ALL WIRING IN THESE AREAS TO CONFORM TO CLASS I, DIV-1, GROUP D HAZARDOUS LOCATIONS, & CLASS II, DIV-1; IN ALL OTHER LOCATIONS.

LEGEND

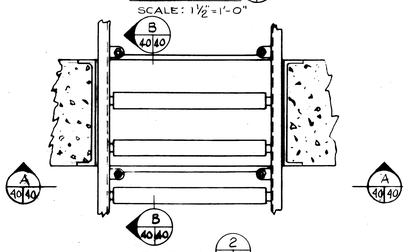
- COMBINATION CIRCUIT BREAKER & MAGNETIC STARTER.
- JUNCTION BOX. TYPE TO SUIT LOCATION.
- PUSH BUTTON STATION - SEE DETAIL 3 / 40/40
- CONVEYOR LIMIT SWITCH.
- EXPOSED CONDUIT & CABLE. FOR NUMBER OF WIRES SEE CONTROL WIRING DIAGRAM
- Q FAN PRESSURE BY-PASS SWITCH & PILOT LIGHT
- Y SPRAY BOOTH AUXILIARY RELAY



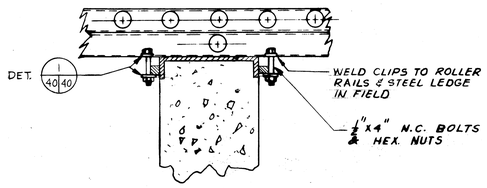
FLOOR PLAN
SCALE: 1/8" = 1'-0"
POWER CONVEYOR LAYOUT



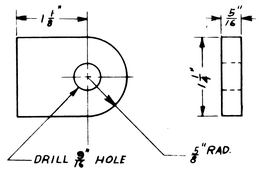
SECTION A 40/40
SCALE: 1 1/2" = 1'-0"



DETAIL 2 / 40/40
SCALE: 1 1/2" = 1'-0"



SECTION B 40/40
SCALE: 1 1/2" = 1'-0"



DETAIL 1 / 40/40
SCALE: 1" = 1'
8 REQUIRED FOR EACH OPENING

GRAPHIC SCALES:

1 1/2" = 1'-0"
1" = 1'
1/8" = 1'-0"

SYMBOL	DESCRIPTION	DATE	APPROVAL
2	LENGTHENED CONVEYOR & ADDED O.L. RELAY	12 MAR 66	
1	CORRECTED POWER END-DRIVE NOTATION	5/22/66	

REVISIONS

ADAPTED FROM U.F.S.O.D. No. 1022-5

TOLERANCE & DIMENSIONS EXCEPT AS NOTED
FROM FINISHED SURFACES
DECIMAL ±
FRACTIONAL ±
ANGULAR ±
FROM UNFINISHED SURFACES
FRACTIONAL ± 1/32
ANGULAR ± 2°
SHARP CORNERS & EDGES BROKEN TO APPROX. 1/32 R.

ANMANN & WHITNEY
CONSULTING ENGINEERS
111-8TH AVENUE, NEW YORK, N.Y.

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.

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APPROVED: CHIEF M. & P.S. BRANCH
APPROVED FOR
DATE:

AMMUNITION MAINTENANCE FACILITY

AMMUNITION MAINTENANCE BUILDING

POWER CONVEYOR ELECTRICAL & MISCELLANEOUS DETAILS

APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966
SCALE AS NOTED
SPEC. NO. 15-690-3104-66-42
DRAWING NUMBER 35-69-09
SHEET 40 OF 45