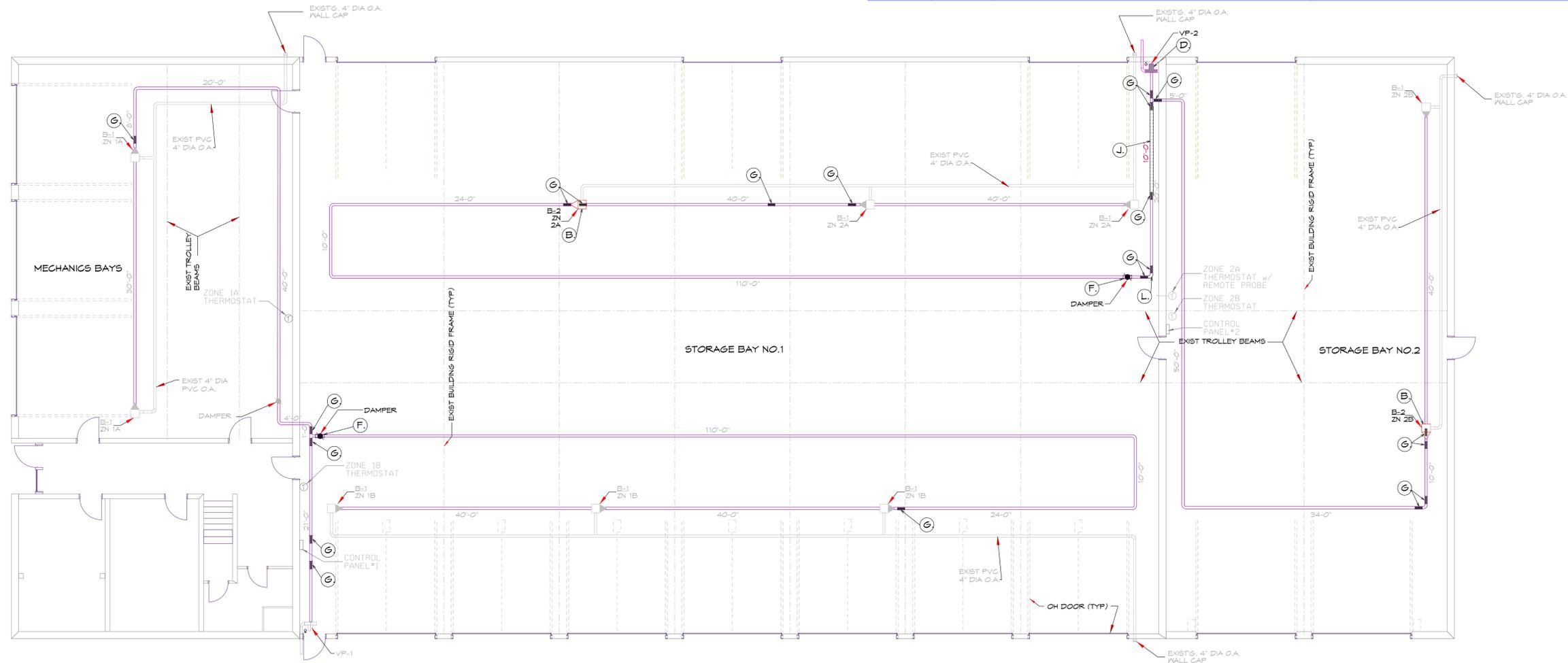


ID USED ON PLAN:	ID NOT USED ON PLAN:	KEY:
	(A)	B-1: (EXISTING CRV. BURNER TO REMAIN WITH NO CHANGES REQUIRED)
(B)		B-2: (TYP OF 2) (NEW STD. COMBUSTION CHAMBER)
(C)		VP-1: (EXISTING VACUUM PUMP TO REMAIN)
(D)		VP-2: (NEW VACUUM PUMP PACKAGE, TYP OF 1) EP-201 3/4 HP VACUUM PUMP 115/230V - 1Ø
(E)		DAMPER/COUPLING: (EXISTING)
(F)		DAMPER/COUPLING: (NEW, TYP OF 2)
(G)		COUPLING: (NEW PLAN TYPE, TYP OF 1)
(H)		BDL COATED TUBE: (EXISTING)
(J)		BDL COATED TUBE: (NEW, 10 FT SECTION, TYP OF 1)
(K)		BDL COATED ELBOW: (EXISTING)
(L)		BDL COATED ELBOW: (NEW, TYP OF 1)
(M)		O.A. OUTSIDE AIR: (EXISTING)
(N)		CONTROL PANEL: 120V - 1Ø (EXISTING)
(O)		THERMOSTAT: (EXISTING)

NOTES:

- EXISTING ITEMS BEING REPLACED ARE CO-RAY-VAC AS MANUFACTURED BY ROBERTS GORDON. ALL NEW MATERIALS SHALL BE FROM THIS MANUFACTURER.
- RADIANT HEATING REFLECTORS NOT SHOWN ON DRAWINGS FOR CLARITY.
- CONTRACTOR TO REMOVE ALL EXISTING INFRARED SYSTEMS ITEMS NOTED TO BE REPLACED AND PREPARE FOR NEW WORK.
- ALL NEW REPLACEMENT COUPLINGS ARE PLAIN STANDARD MATERIALS. ALL OTHER NEW REPLACEMENT MATERIALS ARE DOUBLE COATED.
- CONTRACTOR SHALL TEST SYSTEM VACUUM AT END VENTS FOLLOWING INSTALLATION. MAKE ADJUSTMENTS AS NECESSARY TO PROVIDE 2 1/2" TO 3" WATER COLUMN FOR EACH ZONE.
- N/A.
- N/A.
- IF ADDITIONAL ITEMS ARE FOUND BY THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE ARCHITECT PRIOR TO ANY ADDITIONAL WORK BEING CONDUCTED. THE ARCHITECT WILL REVIEW AND DETERMINE IF THE ADDITIONAL WORK IS NECESSARY.

IF DETERMINED THE ADDITIONAL WORK IS NEEDED, THE ARCHITECT WILL ISSUE AIA DOCUMENT G701 CHANGE ORDER. THIS SHALL BE SIGNED BY ALL PARTIES PRIOR TO PERFORMANCE OF THAT WORK. ANY CHANGES TO THE WORK PERFORMED BY THE CONTRACTOR, BEFORE THE SIGNED CHANGE ORDER IS RECEIVED BY THE ARCHITECT, IS ASSUMED AT THE CONTRACTOR'S OWN RISK, LIABILITY AND EXPENSE.



RADIANT HEAT PLAN
SCALE: 1/8"=1'-0"

IOWADOT
SMARTER. SIMPLER. CUSTOMER DRIVEN.
OFFICE OF SUPPORT SERVICES
800 LINCOLN WAY
AMES, IOWA 50010 (515) 239-1299

DATE: SEP 2016
DRAWN BY: DESIGN TEAM
APPROVED: J BURNES
REVISIONS:

DISTRICT: 06
COUNTY: BUCHANAN
PROJECT NUMBER: BG-2N2(009)-80-10

HIGHWAY MAINTENANCE GARAGE
EXISTING RADIANT HEAT REPAIR PLAN

1 SHEET OF 1
M-1