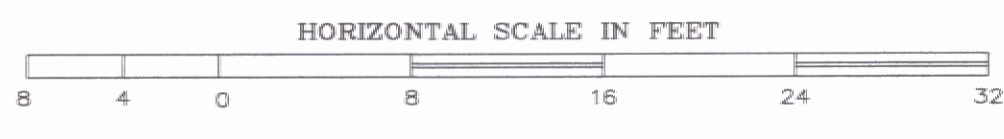


ELECTRICAL PLAN

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



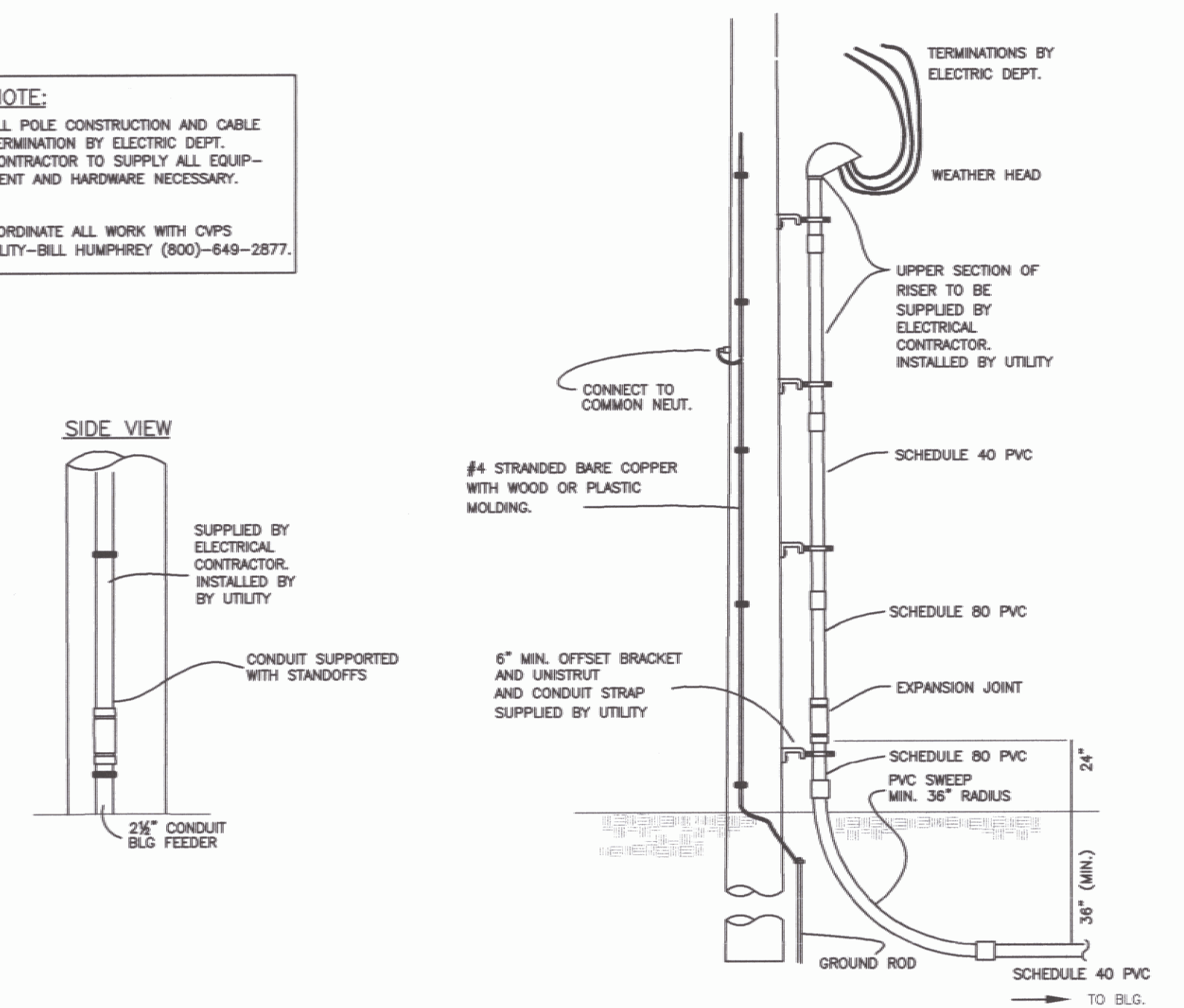
PANEL DESIGNATION SCHEDULE

PANEL: H1 THRU H5		LOCATION: HANGAR 1 THRU HANGAR 5					
10,000 AIC		MOUNTING: SURFACE					
		MAINS: 120/240V, 1ø, 50A MAIN CIRCUIT BREAKER					
		CONNECTED LOAD: 1.9 kW					
CKT NO.	kW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	kW LOAD	CKT NO.
			P	AMP			
1	0.5	RECEPTACLES	1	20	RECEPTACLES	0.5	2
3	0.4	LIGHTING	1	20	CEILING RECEPTACLES	0.5	4
5		SPARE	1	20	SPARE		6
7		SPACE			SPACE		8
9							10
11							12

LIGHTING FIXTURE SCHEDULE

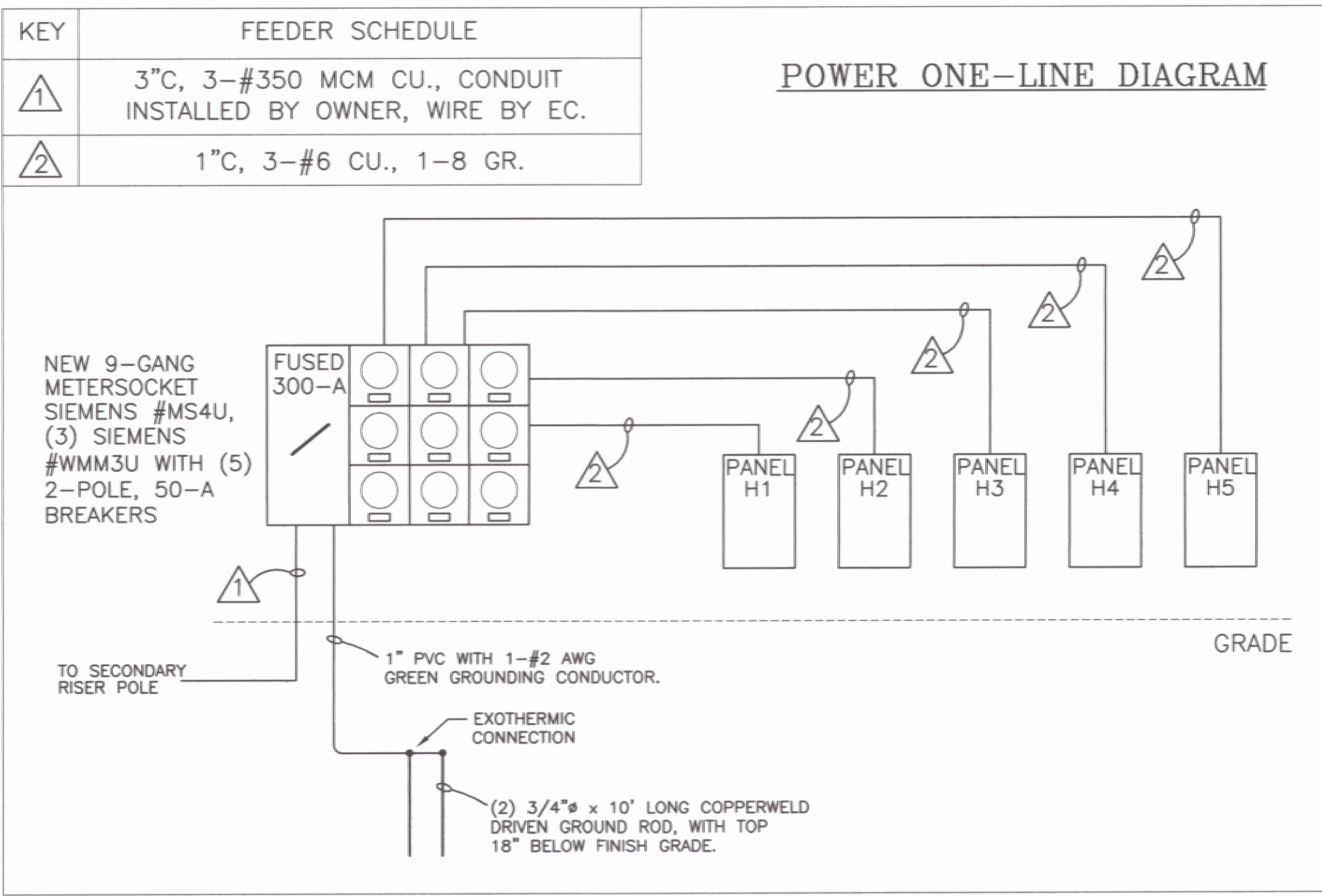
TYPE	MANUFACTURER & MODEL NO.	MOUNTING	LAMPS	VOLTS	REMARKS
FA	COLUMBIA LHEW4-432-ST-4EBBZ-120-M4R	SURFACE	(4) F32T8	120	0°F BALLAST & LAMPS
FB	RUJD E4405-D-BS-120P-V	SURFACE	50W MH	120	PHOTOCCELL CONTROLLED, DO NOT WIRE THROUGH SWITCH

NOTE:
ALL POLE CONSTRUCTION AND CABLE TERMINATION BY ELECTRIC DEPT. CONTRACTOR TO SUPPLY ALL EQUIPMENT AND HARDWARE NECESSARY.
COORDINATE ALL WORK WITH CVPS UTILITY-BILL HUMPHREY (800)-649-2877.



SECONDARY RISER POLE DETAIL

NO SCALE



POWER ONE-LINE DIAGRAM

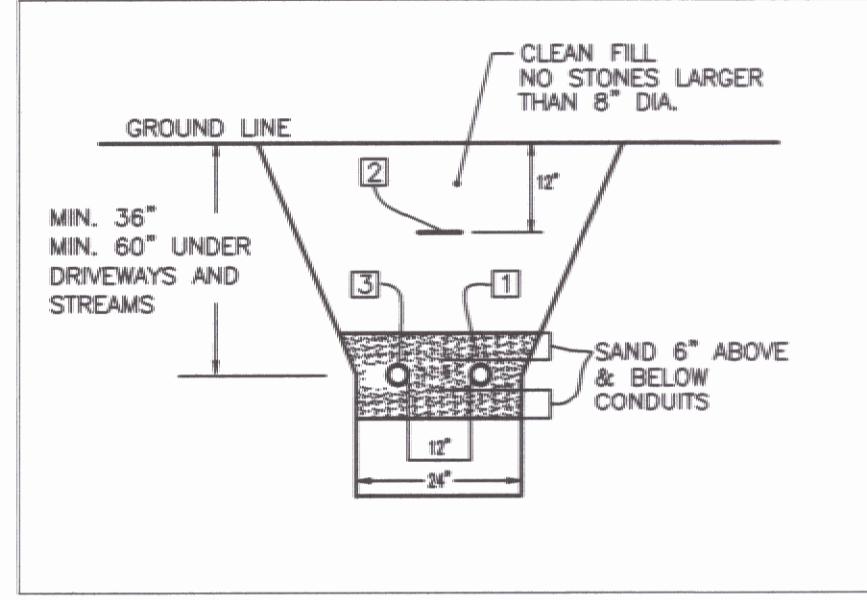
KEY	FEEDER SCHEDULE
⚠	3" C, 3-#350 MCM CU., CONDUIT INSTALLED BY OWNER, WIRE BY EC.
⚠	1" C, 3-#6 CU., 1-8 GR.

- KEYED NOTES:**
- MOUNT RECEPTACLE ON CEILING JOISTS FOR FUTURE DOOR OPENERS. TYPICAL OF ALL.
 - PROVIDE A 300A, SINGLE PHASE UNDERGROUND SERVICE TO NEW CVPS UTILITY POLE. EXCAVATION, TRENCHING, & CONDUIT WILL BE PROVIDED & INSTALLED BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE & INSTALL ALL MATERIALS REQUIRED FOR THE RISER POLE PER CVPS SPECIFICATIONS. CONTRACTOR SHALL PROVIDE & INSTALL ALL WIRING & MISC. MATERIALS REQUIRED FOR A COMPLETE INSTALLATION. REFER TO ONE-LINE DIAGRAM AND RISER POLE DETAIL.

- GENERAL NOTES:**
- EQUIPMENT AND MATERIALS REMOVED OR DEMOLISHED AND NOT TO BE REINSTALLED BY THE EC SHALL BE CLASSIFIED BY THE OWNER AS SALVAGE OR SCRAP. THOSE CLAIMED BY THE OWNER SHALL BE DELIVERED TO THE OWNER BY THE EC WHERE DIRECTED AT THE SITE. THOSE NOT CLAIMED BY THE OWNER SHALL BECOME PROPERTY OF THE EC AND SHALL BE LEGALLY REMOVED FROM THE SITE AND PREMISES.
 - ANY PLACE WHERE THE CONTRACTOR PENETRATES, CUTS AND/OR REMOVES WALLS, CONTRACTOR IS TO REPLACE, PATCH, AND PAINT WALLS TO ORIGINAL FINISHES.
 - FIELD VERIFY ANY DIMENSIONS BEFORE COMMENCEMENT OF WORK. NOTIFY ENGINEER OF ANY ERRORS. CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE FACILITY PRIOR TO BID DATE. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR FAILURE TO EXAMINE EXISTING CONDITIONS.

ELECTRICAL LEGEND

- FLUORESCENT FIXTURE
- ○ ○ LIGHT FIXTURE
- ⌘ SWITCH - SINGLE POLE, SERVICE SWITCH FOR MOTORS
- ▨ ELECTRICAL DISTRIBUTION PANEL
- BRANCH CIRCUIT
- ⊞ JUNCTION BOX
- ⌘ Duplex RECEPTACLE-24" AFF
- ⌘ GFCI Duplex RECEPTACLE-GFCI PROTECTED
- AFF ABOVE FINISH FLOOR
- EC ELECTRICAL CONTRACTOR (DIVISION 16)
- GC GENERAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- TYP. TYPICAL OF ALL



TRENCH DETAIL

NO SCALE

KEY	DESCRIPTION
1	SERVICE CABLE DUCT SHALL BE PVC SCHEDULE 80.
2	WARNING TAPE SHALL BE ELECTRIC LEGEND TYPE. ALLEN CAT.#ANT-1006-RE OR EQUAL. (WARNING TAPE SHALL BE PLACED 12" BELOW SURFACE.)
3	TEL. DUCT SHALL BE PVC SCHEDULE 40. UNDER ROADS & DRIVEWAYS TO BE SCHEDULE 80. MAINTAIN 12" SEPARATION FROM ELECTRIC. PROVIDE SPARE 2" CONDUIT.