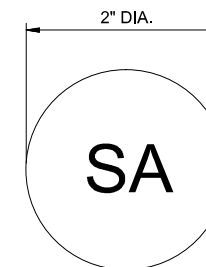


REV.	DATE	DESCRIPTION	BY

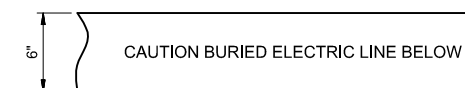


- MARKER NOTES:**
- 2" DIAMETER FLAT CONCRETE BRONZE MARKER, LETTERS 1/2" HIGH, RECESS MOUNTED FLUSH WITH TOP OF PAVEMENT. EPOXY IN PLACE.

BRONZE PAVEMENT EDGE DUCT MARKER

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SCALE: NONE



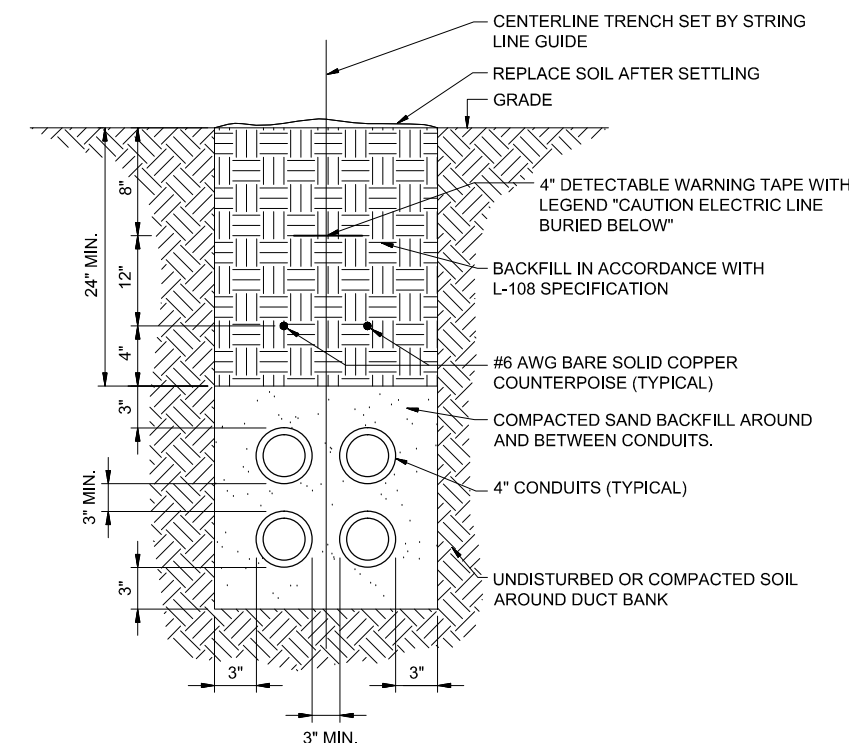
GENERAL NOTES:

- POWER MARKING TAPES SHALL BE DETECTABLE TYPE CONSTRUCTION WITH RED BACKGROUND AND BLACK LETTERING.
- COMMUNICATION MARKING TAPES SHALL BE DETECTABLE TYPE CONSTRUCTION WITH ORANGE BACKGROUND AND BLACK LETTERING, "TELEPHONE LINE" OR "FIBER OPTIC LINE" RESPECTIVELY.
- TAPE SHALL BE DETECTABLE, DURABLE, HIGHLY VISIBLE, RESISTANT TO ELEMENTS, MEETING AND/OR EXCEEDING ALL INDUSTRY STANDARDS.
- PROVIDE MULTIPLE AND/OR WIDER TAPES FOR WIDER DUCT BANKS. COORDINATE WITH ENGINEER.

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UNDERGROUND DETECTABLE WARNING TAPE

SCALE: NONE



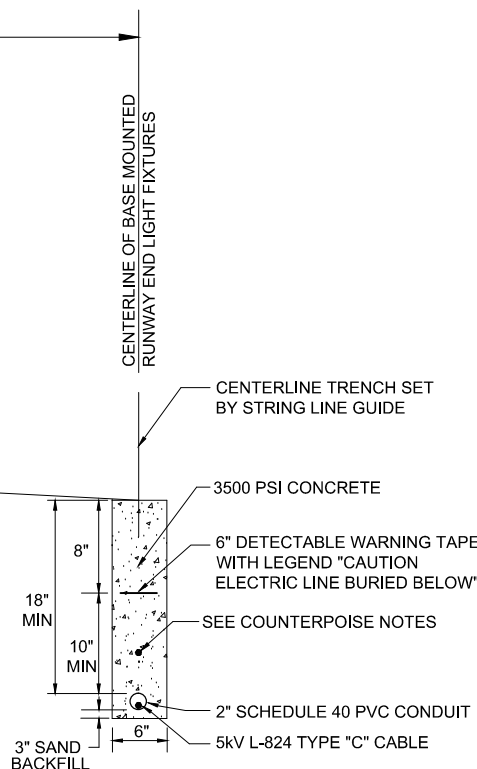
NON-ENCASED NOTES:

- COUNTERPOISE WIRES SHALL BE INSTALLED ABOVE MULTIPLE CONDUITS / DUCT BANKS FOR AIRFIELD LIGHTING CABLES, WITH THE INTENT BEING TO PROVIDE A COMPLETE CONE OF PROTECTION OVER THE AIRFIELD LIGHTING CABLES.
- INSTALL 3/4" x 10' COPPERCLAD GROUND RODS AT EACH END OF ELECTRICAL DUCT AND BOND COUNTERPOISES USING EXOTHERMIC WELDS.
- INSTALL CONDUIT SPACERS WITH LOCKING COLLARS AT 5' O.C. SPACING INTERVALS.
- SIMILAR FOR OTHER DUCT SIZES.

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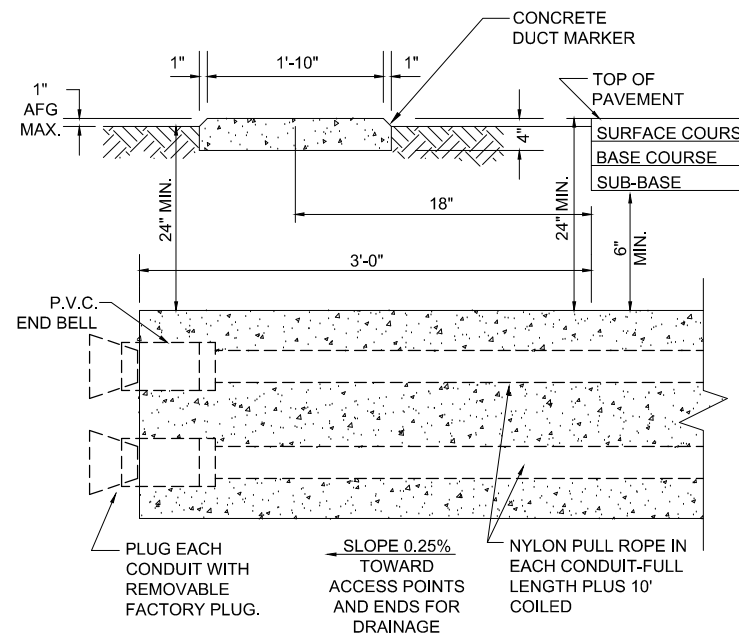
4-WAY NON-ENCASED DUCT BANK

SCALE: NONE



TYPE "A"

ONE L-824C CABLE, ONE COUNTERPOISE, AND ONE CONDUIT



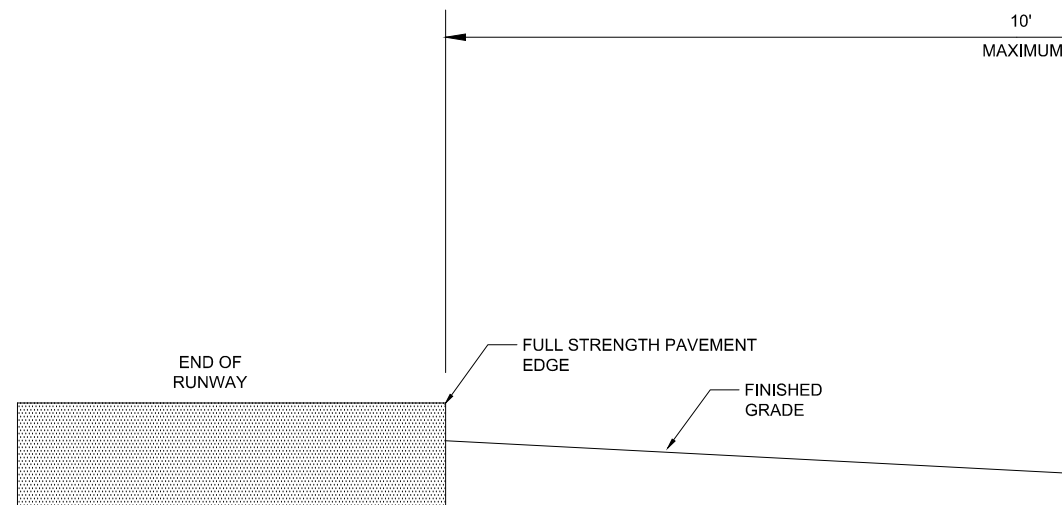
DUCT NOTES:

- EXTEND ELECTRICAL DUCT 3' BEYOND EDGE OF PAVEMENT OR EXTEND AND CONNECT TO HANDHOLES OR MANHOLES AS INDICATED ON THE PLANS.
- SIMILAR FOR OTHER DUCT SIZES.

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TYPICAL CONCRETE ENCASED DUCTBANK INSTALLATION

SCALE: NONE



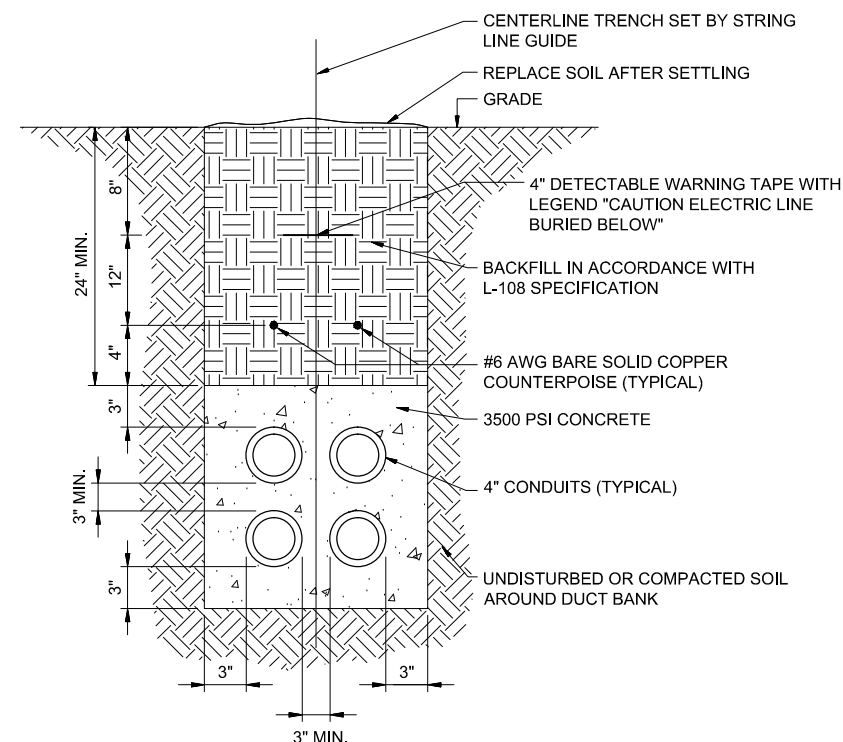
COUNTERPOISE NOTES:

- COUNTERPOISE GROUND RODS SHALL BE COPPERCLAD 3/4" X 10' SIZE, SPACED A MAXIMUM OF 500' APART.
- CONNECT COUNTERPOISE GROUND RODS AND CONDUCTORS WITH EXOTHERMIC WELDS ONLY.
- GROUND RODS SHALL BE DRIVEN VERTICALLY FULL DEPTH PLUS 6" COVER MINIMUM.
- THE COUNTERPOISE SHALL BE INSTALLED 4" MINIMUM ABOVE THE CONDUIT.

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BASE MOUNTED FIXTURES AND CONDUIT TRENCH DETAILS (CURRENT SYSTEM)

SCALE: NONE



ENCASED NOTES:

- COUNTERPOISE WIRES SHALL BE INSTALLED ABOVE MULTIPLE CONDUITS / DUCT BANKS FOR AIRFIELD LIGHTING CABLES, WITH THE INTENT BEING TO PROVIDE A COMPLETE CONE OF PROTECTION OVER THE AIRFIELD LIGHTING CABLES.
- INSTALL 3/4" x 10' COPPERCLAD GROUND RODS AT EACH END OF ELECTRICAL DUCT AND BOND COUNTERPOISES USING EXOTHERMIC WELDS.
- INSTALL CONDUIT SPACERS WITH LOCKING COLLARS AT 5' O.C. SPACING INTERVALS. INSTALL #4 REINFORCING BARS MINIMUM 6" INTO SOIL TO ANCHOR THE ASSEMBLY PRIOR TO PLACING THE CONCRETE ENCASEMENT.
- INSTALL A COUNTERPOISE 4" ABOVE EACH CONDUIT COLUMN.
- SIMILAR FOR OTHER DUCT SIZES.

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4-WAY CONCRETE ENCASED DUCT BANK

SCALE: NONE