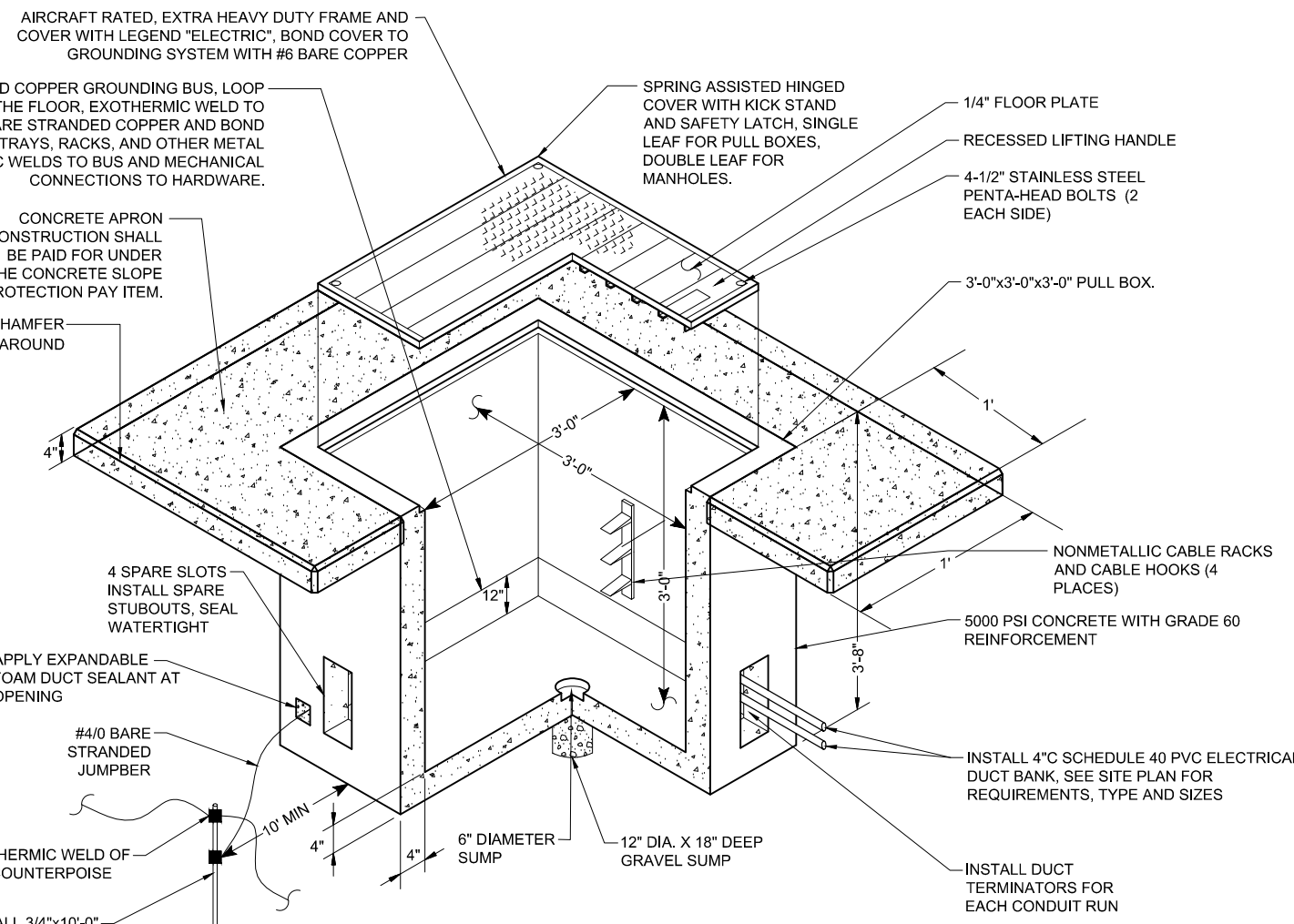


REV.	DATE	DESCRIPTION	BY

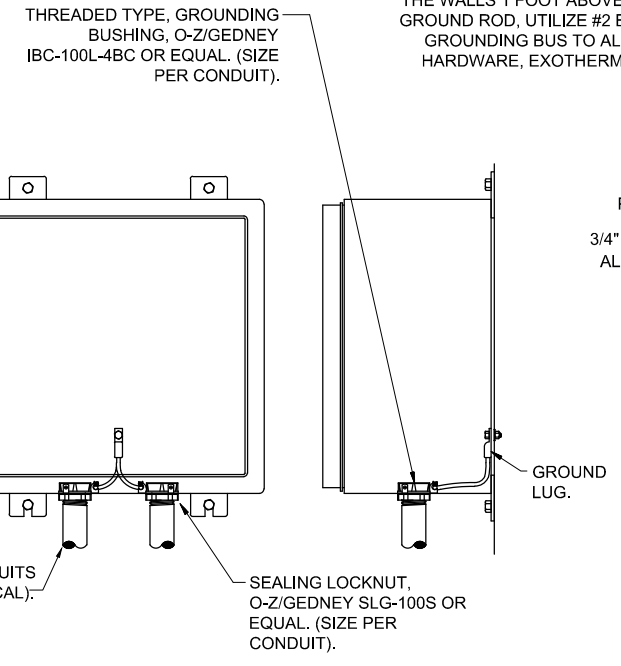
FAA STYLE PULL BOX INSTALLATION NOTES:

- EACH CABLE SHALL BE IDENTIFIED WITH WIRE MARKER GIVING CIRCUIT NUMBER.
- ALL CABLE THROUGH HANDHOLE SHALL HAVE SUFFICIENT SLACK SO CABLE CAN BE BROUGHT TO SURFACE FOR SPLICING, MINIMUM 5' SLACK CABLE LOOP.
- COVER AND PULL BOX SHALL BE DESIGNED FOR A 100 KIPS CONCENTRATED WHEEL LOAD OVER A 12" x 24" AREA.
- GROUND ROD INSIDE OF PULL BOX SHALL BE DRIVEN PRIOR TO PLACEMENT OF BOX AND CAST IN BOTTOM OF BOX. IT WILL NOT BE CONNECTED TO ANY CIRCUIT.
- SUBMIT LAYOUT OF EACH MANHOLE AND PULL BOX FOR APPROVAL BY ENGINEER, INDICATING ELECTRICAL DUCT, CONDUIT AND SPARE STUBOUTS.
- PROVIDE PULL BOX WITH 2-4" SCHEDULE 40 PVC SPARE STUBOUTS IN EACH FACE, EXTENDED 3' MINIMUM BEYOND PULL BOX, CAPPED WATERTIGHT.
- EXCAVATION AND BACKFILL NECESSARY FOR THE CONSTRUCTION OF THE PULL BOX SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATION REQUIREMENTS.
- PROVIDE WATERTIGHT CONDUIT BUSHING AND WATERTIGHT SEALS FOR ALL DIRECT BURIED CABLES ENTERING THE HANDHOLE VIA A CONDUIT STUBOUT.
- PULL BOX COVER SHALL BE 1" MAXIMUM ABOVE FINISHED GRADE. AREA SURROUNDING PULL BOX SHALL BE GRADED TO DRAIN AWAY FROM PULL BOX.
- BOND AND GROUND COVER AND FRAME TO ROD USING BRAIDED COPPER GROUND STRAP EQUIVALENT AMPACITY TO #6 AWG COPPER WIRE.
- GRADE THE AREA AROUND THE PULL BOX 10' IN ALL DIRECTIONS SUCH TO PREVENT WATER AND DIRT ACCUMULATION ACROSS THE TOP OF THE COVER AND ALLOW WATER TO DRAIN AWAY FROM THE PULL BOX.
- INSTALL A PERMANENT MEANS OF SEPARATION IN HANDHOLES CONTAINING BOTH 5kV AND 600V CONDUCTORS. PROVIDE HANDHOLE SECTION LABELS IDENTIFYING THE 5kV AND 600V SECTIONS OF THE HANDHOLE.
- BOND NEUTRAL CONDUCTORS OF SHIELDED 5kV CABLES TO #4/0 BARE STRANDED COPPER CONDUCTOR.



PREFABRICATED CONCRETE PULL BOX - FAA STYLE

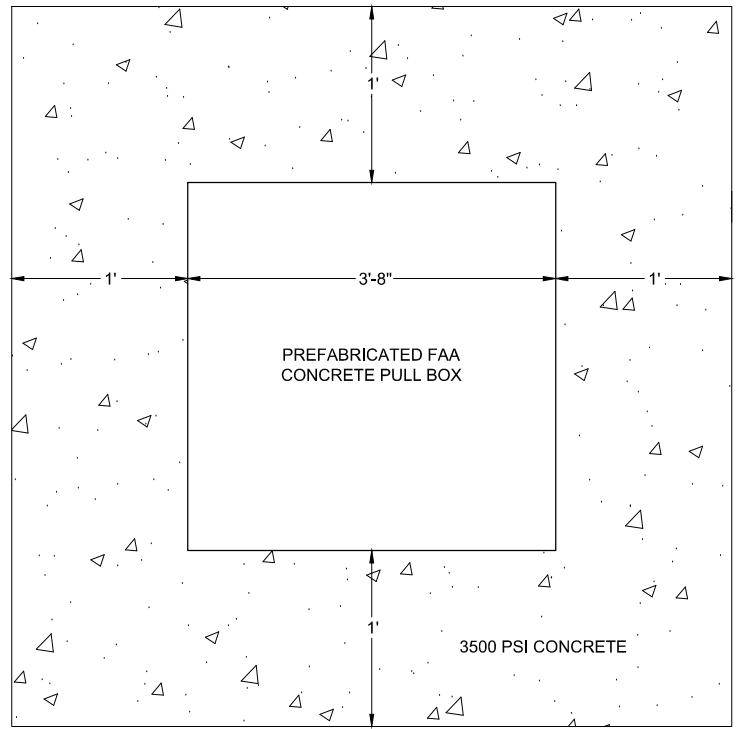
2
E-305
SCALE: NONE



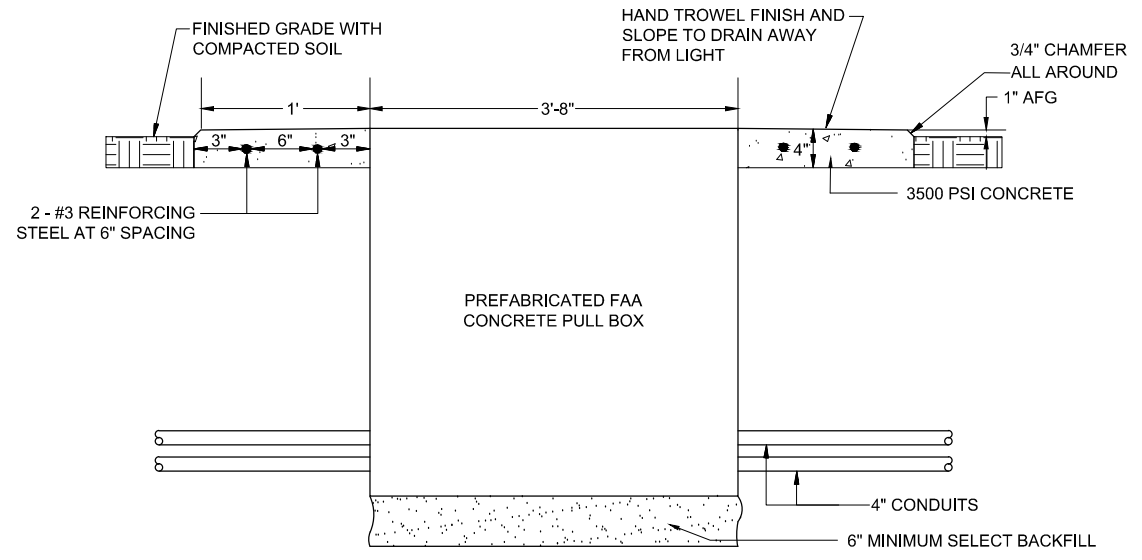
- NOTES:**
- ALL SERVICE, FEEDER, AND BRANCH CIRCUIT CONDUITS SHALL BE GROUNDED ON BOTH ENDS.

1 CONDUIT GROUNDING DETAIL

1
E-305
SCALE: NONE



PLAN VIEW
SCALE: NONE



SECTION VIEW
SCALE: NONE

File: I:\2014\14081101 - ads emas construction\Drawings\RECORD\ADS_EMAS_E305_ED.dwg Last Save: 10/15/2014 5:38 PM Last saved by: JKSchmitt
Last plotted by: Suarez, Javier Plot Style: AECmonochrome.ctb Plot Scale: 1:1 Plot Date: 3/10/2015 4:53 PM Plotter used: DWG To PDF.pc3